

INDUSTRIAL EQUIPMENT

ACKER DRILL DIVISION — ALLIS-CHALMERS CORPORATION



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
ACKER DRILL DIVISION				
CHRISTENSEN BOYLES CORPORATION				
Core Drills				
1995-67 Ace, Bushmaster	420	24	153-5656	3T-5857
1995-90 CS1000, CS3000, CS4000, WA-111C	960	4D	153-5700	9X-9720
1995-65 Hillbilly MK-III, Mountaineer: Diesel,	960	4D	153-5700	9X-9720
1995-90 Hillbilly MK-III, Mountaineer: Gas	420	24	153-5656	3T-5857
Earth Auger & Core Drill				
1995-69 AD-II: Diesel	960	4D	153-5700	9X-9720
Gas	420	24	153-5656	3T-5857
1995-86 Soil Max	960	4D	153-5700	9X-9720
1995-82 Soil Sentry, Soil X	420	24	153-5656	3T-5857
Grout Mixer & Pavement Test Drill				
1995-65 Colgrouter, PT-22	420	24	153-5656	3T-5857
Multi-Purpose Drill				
1995-77 MP-MK-V, MP-18, CS2000	960	4D	153-5700	9X-9720
Pumping Station				
<i>All w/ electric start:</i>				
1995-75 Lister TS-2A, 3T2-A, Deutz F3L-912	960	4D	153-5700	9X-9720
1995-68 All other engines	420	24	153-5656	3T-5857
Rotary Drill				
1995-72 WA-II, WA-III C	960	4D	153-5700	9X-9720
Soil Sampling Drill				
1993-67 Teredo MK-II: Diesel	960	4D	153-5700	9X-9720
Gas	420	24	153-5656	3T-5857
Tie Back Drill				
1995-73 Hologater, Under Core Drill CS-1000	960	4D	153-5700	9X-9720
ACME MACHINERY INC.				
Loader				
1986-79 S1-D1 Deutz	840	4D(4)	153-5700	9X-9720
ADAMS, J.D.				
<i>See "HAULPACK"</i>				
AKERMAN HW INC.				
<i>Formerly "HEIN-WERNER CORPORATION"</i>				
Hydraulic Excavators				
1982-74 C-12B, C-14B, C-24, C-28	845	8D(1,2)	153-5720	101-4000
ALLIED SYSTEMS CO.				
WAGNER DIVISION				
<i>Formerly "RAYGO-WAGNER"</i>				
Coil Carrier				
1987-74 CP-90, SW-600	1050	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Compactors				
1975-62 All RAM & RAM PAK Models	930	8D	153-5720	101-4000
1965-62 WC-24	695	4D(2)	153-5700	9X-9720
Lift Trucks				
1973-62 All	930	8D(2)	153-5720	101-4000
Log Stackers				
1985-63 L-24, L-40, LHR-45, L-70, L-80, AP-45, MH-80	1050	8D(2)	153-5720	101-4000
1970-64 L-24 Super, L-60, L-80	695	4D(2)	153-5700	9X-9720
1987-62 L-90, -100, -120, -130, -130B, -130H, LF90	1050	8D(2)	153-5720	101-4000
1987-76 L-470, -480, -490, -4120	1050	8D(2)	153-5720	101-4000
Port Packers				
1983-69 APR-45, CH-50, -70, MH-80, PC-80, -90	930	8D(2)	153-5720	101-4000
1983-75 PC-9082, NCH-35	930	8D(2)	153-5720	101-4000
Rockhound, Steel Workers & Straddle Carrier				
1987-66 RH-200, SW-80, SW-90, STRAD-80	930	8D(2)	153-5720	101-4000
Wheel Tractors				
1987-66 CB, CD & CHD Series, All; DK-250, SF-430	1050	8D(2)	153-5720	101-4000
1972-66 WA, WC & WSC Series, All except below	1000	8D(4)	153-5720	101-4000
1968-66 WA-14, WSC-10, WI-14, -17, -24	695	4D(2)	153-5700	9X-9720
ALLIS-CHALMERS CORPORATION				
INDUSTRIAL TRACTOR DIVISION				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Dozers				
1966-64 D-30	800	4D(2)	153-5700	9X-9720
1966-63 D-40	950	8D(2)	153-5720	101-4000
Motor Graders				
1967-49 All models ex. D, DD	800	5D(2)	8C-3633	8T-9733 ¥
1967-49 D, DD	500	1(2)	8C-3617	8T-9734
Industrial Tractors				
1968-67 12G	750	6D(2)	153-5700	9X-9720
1978-75 540: Gas, Diesel	305	24	153-5656	3T-5857
1984-70 640, 644: Diesel; 650, 700	580	30H(2)	3T-5760	115-2422
1981-79 705C, 706C, 708C: Gas	580	30H	3T-5760	115-2422
Diesel	945	8D(1,2)	153-5720	101-4000
1984-82 705D, 706D, 708D, 766 Forklifts	580	30H	3T-5760	115-2422
Optional	945	8D	153-5720	101-4000
1984-82 710C, 714C, 7151C Backhoe Loaders	580	30H(1,2)	3T-5760	115-2422
1981-79 714B, 715B: Diesel	580	30H(2)	3T-5760	115-2422
1984-69 706, 715, 816, 840, -B, -C, Loader, 918, 940	580	30H(1,2)	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Early Models				
1967-51 H-3, TL-10G, -12G	400	24	153-5656	3T-5857
1967-60 HD-3	600	2(2)	153-5690	8C-3629
1967-64 H-4, HD-4, TL-10D, -12D	585	30H(1,2)	3T-5760	115-2422
1968-50 HD-6, -11, -15, -16, -20	750	6D(2)	153-5700	153-5720
1968-55 HD-6, -7G, T-16D, TL-10D, -12D	800	4D(1,2)	153-5700	153-5720
1968-53 HD-21, T-160, -200, -260, -260E, TL-40D	950	8D(2)	153-5720	101-4000
1967-55 T-360, -460, -460B, -560, -560C	950	8D(2)	153-5720	101-4000
1965-59 TL-14D: Requires spl order military 6TL	NA	NA	—	—
1966-58 TL-14G, -16D, -16G, -20D, -30D	800	4D	153-5700	9X-9720
1967-65 TL-545D thru TL-745	800	4D(1,2)	153-5700	9X-9720
AMERICAN HOIST & DERRICK CO.				
See "AMHOIST"				
AMERICAN JENBACH CORP.				
See "BURCO INC."				
AMERICAN ROAD EQUIPMENT CO.				
Agri-Loaders, Cotton Commanders & Haymaster				
1976-69 650G, 500, 540SPG	265	3EE	8C-3620	—
Optional	900	8D	153-5720	101-4000
Lift Trucks				
1970-66 620P, -TC, -TI	280	24	153-5656	3T-5857
1970-68 640	545	2	153-5690	8C-3629
1971-66 720, -P	265	3EE	8C-3620	—
Power Sweep				
1976-70 570-S	300	29NF	3T-5858 π	9X-1382 π
AMERICAN STEEL DREDGE				
See "AMHOIST"				
AMHOIST				
AMERICAN HOIST & DERRICK CO. Formerly "AMERICAN STEEL DREDGE"				
Locomotive Cranes				
1976-52 825-, 830-CD, 830-, 840-, 850-, 880DE	925	7D(5)	8C-3635	8T-9731
1962-56 w/ Cat. eng.	600	2	153-5690	8C-3629
w/ GM 6-71 eng.	950	8D	153-5720	101-4000
1963-56 830	950	8D	153-5720	101-4000
1987-74 825GMD, 830DEH, -GMD, 840-, 850-, 855DEH, 8030DE	935	8D(1,2)	153-5720	101-4000
1960-58 840-, 850-, 880DE	1000	9D(5)	8T-9730 ∞	—
1987-68 5030DE, 840DH, -DJH, 855DH, 7030-, 7040DE, 9000	935	8D(2)	153-5720	101-4000
1983-61 9000, 9000DE	925	7D(5)	8C-3635	8T-9731
1987-83 9000	935	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Power Shovels & Cranes				
1967-55 100, 200 Series	760	4D(1,2)	153-5700	9X-9720
Optional	545	2(2)	153-5690	8C-3629
1987-53 300, 400, 500, 700, 800, 900 Series	935	8D(1,2)	153-5720	101-4000
Optional	545	2(1,5)	153-5690	8C-3629
1967-58 100, 200 Series: All except below w/ Cont. B-427, M-330 Waukesha engines	760	4D(1,2)	153-5700	9X-9720
1987-67 100, 200, 300, 400, 500, 700 (24-volt req. 4 batts.)	935	8D(2,4)	153-5720	101-4000
1987-71 1000, 1100, 7000 Truck, 12210 Series	935	8D(4)	153-5720	101-4000
ATHEY PRODUCTS CORP.				
Blades				
1991-75 AB-6903H, AB-6904H, AB-6905	760	4D	153-5700	9X-9720
1991-88 AB6906	925	31	175-4390	—
Force Feed Loaders				
1977-62 7-11, -G, 125	440	24	153-5656	3T-5857
1991-71 7-11D, 7-12D	760	4D	153-5700	9X-9720
1991-77 7-12	490	30H	3T-5760	115-2422
Mobil Chassis				
1991-87 C-1	760	4D	153-5700	9X-9720
Mobil Sweepers				
1991-76 1TE-3, 1TE-4, 2TE-3, 2TE-4: Ford engine	490	30H	3T-5760	115-2422
GM engine	760	4D	153-5700	9X-9720
1992-91 1TE-4GB, 2TE-4GB	500	30H	3T-5760	115-2422
1993-91 1TE-4DB, -4DBC, 2TE-4DB, 1TE-5DB, 2TE-5DB	900	4D	153-5700	9X-9720
1999-91 1TE-4DHL, 2TE-4DHL, 1TE-4DHLL, 1TE-5DBC	900	4D	153-5700	9X-9720
1999-1993 2TE-4DBC, 2TE-4DHL, 2TE-5DBC	900	4D	153-5700	9X-9720
1999-85 ABD-1, -2; ABDA-1, -2; ABDB-1, -1C, -1P, -2, -2C, -2P	900	4D	153-5700	9X-9720
1999-85 ABDC-1, -2; AHL-1, -2; AHLA-1, -2	900	4D	153-5700	9X-9720
1999-85 AHLB-1, -1C, -1P, -2, -2C, -2P; AHL-1, -2	900	4D	153-5700	9X-9720
1999-94 H-10B-1, -2	925	31	175-4390	—
Skidders				
1979-72 S97D, S130D, PS130D	760	4D	153-5700	9X-9720
1981-73 PH97	440	24(2)	153-5656	3T-5857
3-Wheel Sweepers				
1991-82 HLD-1, HLD-2, H-10-1, H-10-2	625	31	175-4370	175-4390
ATO, INC.				
See "SMITH, T. L."				
AUSTIN WESTERN				
See "CLARK EQUIPMENT CO., AUSTIN-WESTERN DIVISION"				
AVCO NEW IDEA				
See Farm Equipment section				

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

BADGER EQUIPMENT CO. — BLAW-KNOX CONSTRUCTION EQUIPMENT COMPANY



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
BADGER EQUIPMENT CO.				
Excavators				
2000-95 450 Grademaster	975	8D	153-5720	101-4000
2000-82 460 Hydro-Scopic: Upper	600	30H(2)	3T-5760	115-2422
2000-86 660, 670 Hydro-Scopic: Upper	975	8D	153-5720	101-4000
2000-82 460, 666, 670: Carrier	975	8D	153-5720	101-4000
2000-96 1085C, -D Cruz-Air	700	31(2)	175-4370	175-4390
BAKER				
Forklift Trucks				
<i>The listed 6-volt sizes were used during these years: (Check dimensions carefully!)</i>				
1961-58	525	1	8C-3617	8T-9734
	550	2	153-5690	8C-3629
	600	2E	8C-3632 Δ	—
	450	2N	153-5690 #	8C-3629 #
Platform & Shovel loader Trucks				
1961-58 PGF-020-001	450	2N	153-5690 #	8C-3629 #
Traveloader Trucks				
1961-58 All except below	880	6D(1,2)	153-5700	9X-9720
TKF-100-002, 120-002	NA	6TL	—	—
BALDWIN-LIMA-HAMILTON				
See "CLARK EQUIPMENT-CRANE DIVISION"				
BANTAM				
See "KOEHRING COMPANY CRANES & EXCAVATORS"				
BARBER-GREENE CO.				
<i>In the absence of a cranking performance specification supplied by the original equipment manufacturer, the rating shown is based upon battery industry consensus.</i>				
Asphalt Pavers				
1975-74 SA-41	730	4D	153-5700	9X-9720
1973-72 SB-110	410	27	153-5656	8C-3601
1975-73 SB-140, -170, SA-150, SA-190	900	8D	153-5720	101-4000
Trenchers				
1975-73 TA-30, -35, -55, -60, -65, -77, TC-30, TF-30,	730	4D(1,2)	153-5700	9X-9720
1974-73 WL-50	900	8D(2)	153-5720	101-4000
BAY CITY-MANITOWOC CORP.				
See also "MANITOWOC"				
<i>Battery sizes varied greatly depending upon engine size/type. The listed sizes were found. Measure carefully! Watch voltages carefully!</i>				
Shovels & Excavators				
1969-58	825	3T	8C-3635	8T-9731
	850	6D	153-5700	9X-9720
	900	7D	8C-3635	8T-9731
	975	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
BEUTHLING MANUFACTURING CO.				
Compactors				
1998-90 B60	290	U1	8C-3636 ¥	—
2000-97 B100: Kohler engine	460	24	153-5656	3T-5857
B100: Kubota engine	685	34	153-5656 =	250-0486
2000-97 B150	460	24	153-5656	3T-5857
B200, B300	685	34	153-5656 =	250-0486
1996-83 B200T	460	24	153-5656	3T-5857
1998-83 B350	685	34	153-5656 =	250-0486
1988-85 B50	230	U1	8C-3636	—
1988-82 B100, B200, B300, B300T	425	24	153-5656	3T-5857
1998-87 B400	625	34	153-5656 =	250-0486
2000-83 B200, B200T, B300, B300T	685	34	153-5656 =	250-0486
2000-99 B325	460	24	153-5656	3T-5857
BLACKWELDER MFG. CO.				
See Farm Equipment section				
BLAW-KNOX CONSTRUCTION EQUIPMENT COMPANY				
Base Pavers				
1960-48 P-120, P-150	600	1	8C-3617	8T-9734
1969-58 P-150, -160	280	24	153-5656	3T-5857
Cont. F-266-1325	600	1	8C-3617	8T-9734
Bituminous Paver Finisher				
1988-65 PF-22, -25, -35, -65	280	24	153-5656	3T-5857
1963-59 PF-45	210	24	153-5656	3T-5857
1963-55 PF-90, -90A, -90B	935	8D	153-5720	101-4000
1963-59 Express: GM 4-51	1050	8D	153-5720	101-4000
Hercules JXC	600	1	8C-3617	8T-9734
1963-59 Suburban	210	24	153-5656	3T-5857
1991-76 PF-110T, -110W, PF-115	370	24(1,2)	153-5656	3T-5857
1977-68 PF-120: Ford 300	280	24	153-5656	3T-5857
1982-68 DD 4-53	935	8D	153-5720	101-4000
1988-76 PF-120H	935	8D	153-5720	101-4000
1992-87 PF-150, -171	370	24(2)	153-5656	3T-5857
1992-87 PF-172, -200, -180, -180H: DD, JD	935	8D	153-5720	101-4000
Hercules G-3000	280	24	153-5656	3T-5857
1992-68 PF-220, -500	935	8D	153-5720	101-4000
1992-81 PF-400A	380	30H	3T-5760	115-2422
Precision Subgraders				
1962-58 GC	210	24	153-5656	3T-5857
Concrete Pavers				
Hercules HXC, Hercules RXLD	615	4B	153-5720	153-5700
1968-47 34-ED, -ES, Slipform	935	8D	153-5720	101-4000
1966-62 SW-150, -300, XE, XEM	280	24	153-5656	3T-5857
Concrete Paving Spreaders & Trench Rollers				
1962-53 SD, DTR-552	210	24	153-5656	3T-5857
Road Wideners & Trukmixers				
1992-48 85, 95, 25RW, RW-195: Ford, RW-38, M45, -55, -65	280	24	153-5656	3T-5857
1992-60 DD, JD, RW-100, Bukaneer, Hydro-Mixer	935	8D	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

BOMAG, U.S.A. — BROS ROAD MACHINERY DIVISION

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
BOMAG, U.S.A.				
<i>Formerly "KOEHRING BOMAG U.S.A."</i>				
Compactors				
1999-87 BC601, BC670RB	900	8D(2)	153-5720	101-4000
1990-80 K350/P, K351, K451	1250	8D(2)	153-5720	101-4000
Pneumatic Compactors				
1999-94 BW9R	625	31	175-4370	175-4390
1999-94 BW11R	950	31	175-4390	—
Vibratory Compactors				
1994-85 BW12R	725	31	175-4370	175-4390
1999-93 BW16R, 20R	750	4D	153-5700	9X-9720
1993-86 BW16R, 20R	725	31	175-4370	175-4390
1999-93 BW65, 85, 105	440	48	N/A	N/A
1997-86 BW90AD	420	47	8C-3605 π ≠	145-4518 ≠
1992-86 BW90ADL	440	48	N/A	N/A
1999-85 BW100AC, AD, BW118AD, BW120AC, AD	600	49	8C-3605	—
1999-88 BW100ADM, BW122D	600	49	8C-3605	—
1983-82 BW121AD	500	27	153-5656	8C-3601
1999-85 BW122PD, BW124D, PD, PDB, BW125AC, ADH				
BW130AC, AD, BW135AC, AD	600	49	8C-3605	—
1999-95 BW137AD, BW138AD	900	31	175-4390	—
1999-82 BW140AD, BW141AD (thru '92)	775	4D	153-5700	9X-9720
1991-85 BW141AD	600	4D	153-5700	9X-9720
1999-85 BW141AD-1, -2	600	49	8C-3605	—
1999-86 BW142A, AD, PD, PDB	600	31	175-4370	175-4390
1999-94 BW144AD-2	600	31	175-4370	175-4390
Optional	750	4D	153-5700	9X-9720
1999-84 BW151AD, BW154AD, BW160AD1, AD2, BW160AS	750	4D	153-5700	9X-9720
1999-88 BW151AD-2, BW161, BW164	600	31	175-4370	175-4390
1999-82 BW170, D, PD, BW172, BW202	625	31	175-4370	175-4390
1999-77 BW210, BW212, BW213, BW214, BW217, BW219, BW220AD	750	4D	153-5700	9X-9720
1991-86 BW217	715	4DLT	153-5700 Δ	9X-9720 Δ
1993-89 BW650, 850, 1050	440	48	—	—
Rollers				
1999-97 BW5AS, BW9AS/11AS	950	31	175-4390	—
1989-85 BW4AS/6AS, BW10AS/12AS	600	31	175-4370	175-4390
1990-82 BW9R, BW140AD, BW142, BW170, D, PD	625	31	175-4370	175-4390
1990-86 BW12R	720	31	175-4370	175-4390
1983-82 BW90A, BW121AD	500	27	153-5656	8C-3601
1984-82 BW210AV, BW210-6, D, PD, BW220AD	775	4D	153-5700	9X-9720
1984-82 S812	630	2(2)	153-5690	8C-3629
Soil Stabilizers & Recyclers				
1993 MPH120	715	4DLT(2)	153-5700 Δ	8C-3622 Δ
1984-82 MPH50	625	31(2)	175-4370	175-4390
1999-77 MPH100	775	4D(2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
BRODERSON MFG. CO., INC. (BMC)				
Industrial Cranes				
1999-90 IC-20-D: Gas	550	24	127-0824	—
1997-90 Diesel	950	31	175-4390	—
1999-93 IC-35A, B	550	24	127-0824	—
1999-95 IC-80-1E, 2E, 3E: Gas	550	24	153-5656	3T-5857
Diesel	950	31	175-4390	—
1999-98 IC-80-1F, 2F, 3F: Gas	700	27	153-5656	8C-3601
Diesel	950	31	—	—
1989-84 IC-20-1A: Gas	470	24	153-5656	3T-5857
1989-87 Diesel	625	31	175-4370	175-4390
1986-84 Diesel	550	24	153-5656	3T-5857
1989-82 IC-80-1B: Gas	470	24	153-5656	3T-5857
1989-87 Diesel	625	31	175-4370	175-4390
1986-82 Diesel	540	27	153-5656	8C-3601
1995-82 IC-80-1D, -2D: Gas	550	24	153-5656	3T-5857
1995-89 IC-80-1D, 2D: Diesel	950	31	175-4390	—
1985-82 IC-180-1A	540	27	153-5656	8C-3601
1992-85 IC-200: Gas	525	24	153-5656	3T-5857
1989-87 Diesel	625	31	175-4370	175-4390
1986-85 Diesel	525	27	153-5656	8C-3601
1991-89 IC-200-1A, 2A: Gas	550	24	153-5656	3T-5857
1988-85 Gas	470	24	153-5656	3T-5857
1991-89 Diesel	950	31	175-4390	—
1989-87 Diesel	625	31	175-4370	175-4390
1986-85 Diesel	540	27	153-5656	8C-3601
1998-88 IC-200-1B, 2B: Gas	550	24	153-5656	3T-5857
1998-88 Diesel	950	31	175-4390	—
2000-97 IC-200-1C, 2C: Gas	700	27	153-5656	8C-3601
Diesel	990	31	175-4390	—
2000-99 IC-200-3D	770	27	153-5656	8C-3601
Mobile Hydraulic Hammers				
1997-79 MH-42-B: Gas	550	24	153-5656	3T-5857
1997-88 Diesel	950	31	175-4390	—
1992-79 Diesel	550	27	153-5656	8C-3601
1999-93 MH-42F: Ford eng.	550	24	153-5656	3T-5857
Cummins eng., J. Deere eng.	950	31	175-4390	—
Rough Terrain Cranes				
1997-91 RT-300, -A, -B	950	31	175-4390	—
1990 RTR-80: Gas	550	24	153-5656	3T-5857
1989-81 Gas	470	24	153-5656	3T-5857
1990-89 Diesel	950	31	175-4390	—
1988-87 Diesel	625	31	175-4370	175-4390
1985-81 RTR-180: Gas, RTR-200-1A, 2A, 3A: Gas	470	24	153-5656	3T-5857
1998-89 Diesel	950	31	175-4390	—
1989-87 Diesel	625	31	175-4370	175-4390
1986-81 Diesel	540	27	153-5656	8C-3601
1995-91 RTR-200-1B, 2B: Ford eng	470	24	153-5656	3T-5857
1995-91 Cummins eng	950	31	175-4390	—
1989-87 J. Deere eng	950	31	175-4390	—
1997-91 RT-300-A, B	950	31	175-4390	—
1991-85 RTR-2001A, 2A, 3A: Gas	470	24	153-5656	3T-5857
1998-89 Diesel	950	31	175-4390	—
1989-87 Diesel	625	31	175-4370	175-4390
1986-85 Diesel	540	27	153-5656	8C-3601
BROS ROAD MACHINERY DIVISION				
Circulators				
1966-52 CS, -15, CT, -15 Models	450	1	8C-3617	8T-9734

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

BROS ROAD MACHINERY DIVISION — BUCYRUS-ERIE CO.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Compactors				
1974-71 Heavy Duty & Super 10	225	24	153-5656	3T-5857
1970-68 Sani-Pactor	760	4D(2)	153-5700	9X-9720
1975-71 Sani-Pactor II	935	8D(2)	153-5720	101-4000
Double Drum Rollers				
1984-81 VM-255	490	30H	3T-5760	115-2422
1984-80 VM-268, VM-278	760	4D	153-5700	9X-9720
Mobil Sweeper				
1975-71 TE-3, TE-4: Gas	370	60	—	—
Diesel	380	30H	3T-5760	115-2422
Preparators				
1974-59 BP-5	760	4D(2)	153-5700	9X-9720
Rollers				
1967-60 SP-54, -54BD, -54B, -54C, -915, -2800, -3500	335	24(1,2)	153-5656	3T-5857
1967-60 SP-255D, -730B, -735, -925, -10,000	805	4D(1,2)	153-5700	9X-9720
1967-64 SP-6000	475	30H	3T-5760	115-2422
1984-64 SP-225D, -446P, -735, -925, -6000B	760	4D	153-5700	9X-9720
1978-71 SP-2500, -2800, -3000, -3500, -D: Gas	225	24	153-5656	3T-5857
1984-69 Diesel	380	30H	3T-5760	115-2422
1984-64 SP-4000: Gas, Diesel; SP-6000	380	30H	3T-5760	115-2422
1984-82 SP 3000 Gas	490	30H	3T-5760	115-2422
Rotary Snow Plows				
1975-60 All ex. below	760	4D(1,2)	153-5700	9X-9720
A-66CW, A-80L, -80T, A-66L-36, -68, -107, BL, BT	335	24	153-5656	3T-5857
Roto Mixers				
1984-59 LSPRM-8A, -84A, SPRM-84B, TRM-84, -84B, Reclaimer I	805	4D(1,2)	153-5700	9X-9720
Vibra Factors				
1961-59 VP-9	475	1	8C-3617	8T-9734
1961-60 VP-9D	335	24	153-5656	3T-5857
1967-64 VP-4D, -4G, -9D, -10D, -10, -9G, -20D, -22D	475	30H(1,2)	3T-5760	115-2422
1984-75 168D, 168P, 168S, SPV-627, SPV-627D	760	4D	153-5700	9X-9720
1976-66 SP-845, SPV-7, SPV-725, -730, -735, -845	380	30H	3T-5760	115-2422
1984-74 SPV-735, -VA	960	4D	153-5700	9X-9720
BUCKEYE				
See "GAR WOOD"				
BUCYRUS-ERIE CO.				
<i>The battery sizes used as original equipment varied greatly by model and engine type. Following are the most popular sizes. Carefully measure battery compartment. Watch POLARITY and VOLTAGE!</i>				
Crane				
1984-63 110 Ton	900	8D(2)	153-5720	101-4000
1984-78 1200-C	640	4D(2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Cranes, Draglines, Shovels				
1967-58 11-B, 14-B	790	4D	153-5700	9X-9720
Optional	615	4B	153-5720	153-5700
Optional	900	8D	153-5720	101-4000
Optional	840	4	8C-3633	8T-9733
Optional	475	30H	3T-5760	115-2422
1967-58 15-B	790	4(1,2)	8C-3633	8T-9733
Optional	805	4D	153-5700	9X-9720
Optional	900	8D	153-5720	101-4000
Optional	475	30H(1,2)	3T-5760	115-2422
1967-58 22-B	805	4D(1,2)	153-5700	9X-9720
Optional	790	4(1,2)	8C-3633	8T-9733
Optional	900	8D(1,2)	153-5720	101-4000
Optional	475	30H(1,2)	3T-5760	115-2422
1967-63 25-B	800	4D(1,2)	153-5700	9X-9720
Optional	840	4(2)	8C-3633	8T-9733
Optional	900	8D	153-5720	101-4000
1967-58 30-B	900	8D(1,2)	153-5720	101-4000
Optional	805	4D(1,2)	153-5700	9X-9720
Optional	790	4	8C-3633	8T-9733
1967-58 38-B	865	5D	8C-3633	8T-9733 Y
Optional	900	8D	153-5720	101-4000
Optional	1240	7T	8T-9730 ∞	—
Optional	500	1	8C-3617	8T-9734
Optional	475	30H	3T-5760	115-2422
Optional	900	7D(2)	8C-3635	8T-9731
Optional	790	4(2)	8C-3633	8T-9733
1984-63 38-B2	900	8D(1,2)	153-5720	101-4000
Optional	475	30H	3T-5760	115-2422
Optional	805	4D	153-5700	9X-9720
1962-58 51B	500	1	8C-3617	8T-9734
Optional	790	4	8C-3633	8T-9733
1963-58 54-B, 71-B	790	4(1,4)	8C-3633	8T-9733
1984-63 61-B, 71-B	900	8D	153-5720	101-4000
1967-58 88-B	500	1	8C-3617	8T-9734
Optional	840	4	8C-3633	8T-9733
Optional	900	8D	153-5720	101-4000
Optional	500	30H	3T-5760	115-2422
1984-62 C-160	900	8D	153-5720	101-4000
Optional	640	4D(2)	153-5700	9X-9720
1984-82 65D	900	8D	153-5720	101-4000
1984-82 88B	900	8D	153-5720	101-4000
1984-82 D-33CT	900	8D	153-5720	101-4000
1984-82 (Cat 3306)	640	4D	153-5700	9X-9720
Hydraulic Hoes				
1980-66 15H, 20H, 30H	900	8D	153-5720	101-4000
Optional	640	4D(2)	153-5700	9X-9720
1984-70 40H, 350H	900	8D(2)	153-5720	101-4000
1984-78 300H, 325H	640	4D(2)	153-5700	9X-9720
1984-81 400H, 500H	620	27(4,6)	153-5656	8C-3601
Hydrocranes				
1984-66 H-3: Ford 240, 300, H-5: Ford 240, 300, 3000	400	30H	3T-5760	115-2422
IHC UD-236	640	4D	153-5700	9X-9720
Hercules D-3400	900	7D(2)	8C-3635	8T-9731
1967-66 15H: All models	900	8D	153-5720	101-4000
1967-66 20H: Cummins	805	4D(2)	153-5700	9X-9720
GM	900	8D	153-5720	101-4000
1973-68 35C: Ford, Cummins	640	4D	153-5700	9X-9720
DD4-53N	900	8D	153-5720	101-4000
1978-74 40-C	640	4D(2)	153-5700	9X-9720
1978-68 45-C, 55-C: GM 6V-53, DD	900	8D	153-5720	101-4000
Cummins, Ford	640	4D(2)	153-5700	9X-9720
1979-68 65-C: Cummins, GM 6-71	900	8D(2)	153-5720	101-4000
1984-77 25XC, 30XC	640	4D(2)	153-5700	9X-9720
1984-77 60XC, 90XC	620	27(2)	153-5656	8C-3601

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Rotary Drills				
1963-55 1-W	525	1	8C-3617	8T-9734
1984-64 10-R	900	8D	153-5720	101-4000
1984-69 20-W: Ford, Waukeska	400	30H	3T-5760	115-2422
1978-53 Hercules	450	1	8C-3617	8T-9734
1955-46 LeRoi	805	4	8C-3633	8T-9733
1984-46 22-W: Cont. F-227	400	30H	3T-5760	115-2422
All other engines	750	4	8C-3633	8T-9733
Hercules D-2000, Buda: Diesel	640	4D(2)	153-5700	9X-9720
1962-58 24L	450	4(1,2)	8C-3633	8T-9733
1973-46 28L Option	640	4D(1,2)	153-5700	9X-9720
Optional	450	4(1,4)	8C-3633	8T-9733
Optional	450	1	8C-3617	8T-9734
1973-58 30R, 30RC	900	8D(1,2)	153-5720	101-4000
1984-46 36-L: Cummins	900	8D(2)	153-5720	101-4000
Buda	750	4(2)	8C-3633	8T-9733
Waukeska	640	4D(2)	153-5700	9X-9720
1984-55 40-R: Cummins, DD, GM; 45-R	900	8D(2)	153-5720	101-4000
Cat.	750	4	8C-3633	8T-9733
1973-58 60-L	750	4(2)	8C-3633	8T-9733
1984-62 60-R	900	8D(2)	153-5720	101-4000
BUFFALO SPRINGFIELD CO.				
See "FLAHERTY BRANCH"				
BURCO INC.				
Formerly "BURLINGTON COMPRESSOR INC." Also "AMERICAN JENBACH CORP."				
Engine Drive Welders				
1993-90 Stud Pak 1600, 2600, 3000	650	30H	3T-5760	115-2422
1993-92 XL100	815	4DLT	153-5700 Δ	8C-3622
Irrigation Generators				
1993-80 IG 460-7.5	425	24	153-5656	3T-5857
1993-78 IG 4 60-10, IG 460-12, IG 460-15, IG 460-20	650	30H	3T-5760	115-2422
Irrigation Pumps				
1993-78 IP 320, IP550	650	30H	3T-5760	115-2422
1993-78 IP 700, IP 860, IP 1200, IP 1750	815	4DLT	153-5700 Δ	8C-3622
Portable Compressors				
1977-52 Burco 170, 230; JW-78L	700	4D	153-5700	9X-9720
Optional	570	30H	3T-5760	115-2422
1967-49 JW-78	400	24	153-5656	3T-5857
1977-52 JW-78, JW-300	570	30H	3T-5760	115-2422
Optional	365	24	153-5656	3T-5857
1980-54 JW-156, JW-156L, JW-600, AJ-157, AJ-79, AJ-2	700	4D(1,2)	153-5700	9X-9720
Portable Generators				
1993-78 CG 8KW	425	24	153-5656	3T-5857
1993-78 CG 15KW, CG 25KW, CG 35KW	650	30H	3T-5760	115-2422
1993-78 CG 45KW, CG 55KW, CG 80KW	815	4DLT	153-5700 Δ	8C-3622
1993-88 Enclosed version	650	30H	3T-5760	115-2422
1993-81 CG 95KW (Trailer), Sil Amp 50, 70	650	30H(1,2)	3T-5760	115-2422
1990-80 CG 130KW, 160KW, 195KW, 260KW (Skid)	650	30H(2)	3T-5760	115-2422

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
BURLINGTON COMPRESSOR INC.				
See "BURCO INC."				
BURRO CRANE INC.				
Formerly "FEDERAL SIGN & SIGNAL CORP."				
Locomotive Cranes				
1995-66 15A, 30: Diesel, Gas	820	5D(1,4)	8C-3633	8T-9733 Y
2000-75 40-Diesel, Gas; 45, 50, 55, 66, 67	975	8D(1,2)	153-5720	101-4000
CABLE CRANE & EXCAVATOR				
See "FMC CORPORATION"				
CASE, J.I.				
A TENNECO COMPANY (DAVIS MANUFACTURING/DROTT MFG. CO.)				
Additional equipment listed in the Farm Equipment section.				
Backhoe Loaders				
1981-75 380CK: Diesel	570	30H	3T-5760	115-2422
1989-65 480CK: Gas (incl series B)	650	30H	3T-5760	115-2422
Diesel	450	2N(2)	153-5690 #	8C-3629 #
1976-75 480CK Series B: Diesel	450	2N	153-5690 #	8C-3629 #
1986-76 480CK Series C, D	570	30H	3T-5760	115-2422
1993-86 480CK Series E, F	650	30H	3T-5760	115-2422
1975-65 580CK: Gas	200	24	153-5656	3T-5857
Diesel	570	30H	3T-5760	115-2422
1983-78 580CK Series C, D	650	2(1,2)	153-5690	8C-3629
1977-76 580CK Series C	570	30H	3T-5760	115-2422
1988-83 580CK Series E	700	31	175-4370	175-4390
1993-87 580CK Series K	650	30H	3T-5760	115-2422
1993-87 Optional	525	28(2)	153-5656 #	3T-5857 #
1993-91 590CK	650	30H	3T-5760	115-2422
1993-91 Optional	525	28(2)	153-5656 #	3T-5857 #
1974-65 680CK: Gas	570	30H	3T-5760	115-2422
Diesel	605	27(2)	153-5656	8C-3601
1978-75 680CK Series E	570	30H(2)	3T-5760	115-2422
1981-78 680CK Series G	625	2(2)	153-5690	8C-3629
1985-81 680CK Series H	570	31(2)	175-4370	175-4390
1993-70 680CK Series K, L, 780CK Series B, C, D, Diesel	650	30H(2)	3T-5760	115-2422
Back-Hoes & Front Loaders				
1967-63 All models	475	30H(1,2)	3T-5760	115-2422
Baler				
1965-59 177	790	4	8C-3633	8T-9733
Cable Layer				
1983-72 475	700	4D	153-5700	9X-9720
Combines				
1964-63 A6, K2, M2, SP9, 110	315	1	8C-3617	8T-9734
1964-63 SP12, -14, -58, -120, -150	385	2	153-5690	8C-3629
1964-63 98: Gas	290	24	153-5656	3T-5857
Diesel	810	4D	153-5700	9X-9720
1965-61 600, 700, 900	235	24	153-5656	3T-5857
1965-59 800, 1000, 1010: Gas	390	27	153-5656	8C-3601
Diesel	840	4(2)	8C-3633	8T-9733

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Cranes				
1977-60 20RR2, 60RM2, 85RM2	290	29NF	3T-5858 π	9X-1382 π
1986-64 16ORF2, 1500, 1800, 2000, 2500, 3330	475	30H	3T-5760	115-2422
1980-75 1500, 1800, 2000, 2500, 5550	975	8D	153-5720	101-4000
1980-78 5550	600	31(2)	175-4370	175-4390
Crawler Loaders				
1993-89 455C, 855E, 1155E	700	31(1,2)SAE	3T-5760	115-2422
Crawler Tractors				
1961-54 M3B, 310	500	1	8C-3617	8T-9734
1962-59 310, 310C, 310D, 310E Gas	400	24	153-5656	3T-5857
1962-61 310E: Diesel	500	1(2)	8C-3617	8T-9734
1964-63 310F: Gas	400	24	153-5656	3T-5857
Diesel prior to S.N. 3019958	500	1(2)	8C-3617	8T-9734
Diesel after S.N. 3019958	530	27(2)	153-5656	8C-3601
1969-64 310G: Gas	290	24	153-5656	3T-5857
Diesel	605	27	153-5656	8C-3601
1959 320: 12-volt	400	24	153-5656	3T-5857
1979-69 350: Diesel	410	27(2)	153-5656	8C-3601
1983-79 350B	570	30H	3T-5760	115-2422
1987-85 380B	605	27	153-5656	8C-3601
1962-59 420, 420B; 420C: Gas	400	24	153-5656	3T-5857
420C: Diesel	500	1(2)	8C-3617	8T-9734
1969-65 450: Gas	605	27	153-5656	8C-3601
Diesel	700	4D	153-5700	9X-9720
1984-79 450B	570	30H	3T-5760	115-2422
Optional	700	4D	153-5700	9X-9720
1993-84 450C	950	31SAE	115-2422	115-2421
1970-69 470: Gas	290	24	153-5656	3T-5857
Diesel	460	1(2)	8C-3617	8T-9734
1961-54 500, 520: Gas	800	4(1,2)	8C-3633	8T-9733
Diesel	500	1(2)	8C-3617	8T-9734
1993-89 550E, 650E	700	31SAE	3T-5760	115-2422
1970-69 570: Gas	290	24	153-5656	3T-5857
Diesel	460	1(2)	8C-3617	8T-9734
1970-69 770	605	27(1,2)	153-5656	8C-3601
1962-57 800, 810 prior to S.N. 7080872	950	8D	153-5720	101-4000
S.N. 7080872 to 7081200	650	3(4)	153-5690	8C-3630
After S.N. 7081201	600	2(4)	153-5690	8C-3629
1960-59 800C	500	1(4)	8C-3617	8T-9734
1962-61 800C	600	2(4)	153-5690	8C-3629
1985-75 850, 850B, 850C	570	30H(2)	3T-5760	115-2422
1993-85 850E	700	31(2)SAE	3T-5760	115-2422
1970-69 870, 970, 1070	570	30H(1,2)	3T-5760	115-2422
1962-59 1000	650	3(4)	153-5690	8C-3630
1969-59 1000C, 1000D, 1150	600	2(4)	153-5690	8C-3629
1987-75 1150B, 1150C, 1450B; 1150D Diesel	570	30H(2)	3T-5760	115-2422
1993-86 1150E	700	31(2)SAE	3T-5760	115-2422
1980-75 1450	700	4D(2)	153-5700	9X-9720
1993-87 1550	950	31(2)SAE	3T-5760	115-2422
Excavators, Crawler				
1977-70 35BC, 40BC	380	30H(2)	3T-5760	115-2422
1986-68 50BC, 50DC, 50E, 880AC, 980BC, 1280	800	4D(2)	153-5700	9X-9720
1980-74 120C	975	8D(2)	153-5720	101-4000
1986-77 35D, 35DC, 40DC, 40E, 880B, 880C, 980B, 980C	600	31(2)	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Excavators, Rubber Tired				
1975-68 40BR	380	30H(2)	3T-5760	115-2422
1986-75 40DR, 40RE, 45RE, 45R, 1085, 1086, 1285, 1286	600	31(2)	175-4370	175-4390
1993-90 1085C, 1086C Forest	700	31(2)SAE	3T-5760	115-2422
1993-89 1187C	700	31(2)	175-4370	175-4390
Fork Lifts				
1984-83 1835B, 1845B: Gas	370	24	153-5656	3T-5857
Diesel	540	30H	3T-5760	115-2422
1993-77 584, 585, 586: Series B, D, E	575	30H	3T-5760	115-2422
1987-86 Series E	700	31	175-4370	175-4390
1993-86 Optional	525	28(2)	153-5656 ≠	3T-5857 ≠
Log Skidders				
1966-68 300SK, 400SK	800	4D	153-5700	9X-9720
1976-70 300SK, 400SK, 600, 800, 825: Diesel	570	30H(2)	3T-5760	115-2422
Mobile Gantry Cranes				
1967-62 All models	475	30H(1,2)	3T-5760	115-2422
Plow-in-Line Layers				
1967 PT-50, -90	290	29NF	3T-5858 π	9X-1382 π
Task Force				
1986-63 300, 500, 600, 700, 800, 1000, 2000	300	29NF	3T-5858 π	9X-1382 π
1981-78 Optional	625	2(2)	153-5690	8C-3629
1978-76 Optional	380	30H	3T-5760	115-2422
Travelifts				
1986-75 250B, 500B, 650B	380	30H(2)	3T-5760	115-2422
1986-76 650C, 770TC	600	31(2,4)	175-4370	175-4390
1986-67 800AC, 800R, 1000AC, 1000B	975	8D(1,2)	153-5720	101-4000
Trenchers				
1986-73 W4 Loader, 10 + 2, 12 + 4	300	29NF	3T-5858 π	9X-1382 π
1971-69 12 + 2B	220	U1	8C-3636	—
1993-68 14 + 4, 16 + 4, 20 + 4, 25 + 4, 30 + 4; 40 + 4: Gas	300	29NF	3T-5858 π	9X-1382 π
1979-73 40 + 4: Diesel; 55 + 4	380	30H	3T-5760	115-2422
1978-71 70 + 4: Gas	300	29NF	3T-5858 π	9X-1382 π
1979-78 70 + 4: Diesel	625	2(2)	153-5690	8C-3629
1978-71 70 + 4: Diesel	380	30H	3T-5760	115-2422
1993-85 360: Gas	410	24	153-5656	3T-5857
1993-85 360: Diesel	580	30H	3T-5760	115-2422
1993-81 660, 760, 860	625	30H	3T-5760	115-2422
1993-79 DH4, DH4B	700	31SAE	3T-5760	115-2422
1980-78 DH5: Gas	300	29NF	3T-5858 π	9X-1382 π
1986-79 DH5: Diesel; DH5B, DH7	520	30H	3T-5760	115-2422
1982-81 FH4	600	31	175-4370	175-4390
1993-84 Maxi-B	625	30H	3T-5760	115-2422
1986-81 Mini-Sneaker	400	27	153-5656	8C-3601
1981-72 Mini-Sneaker, Scat-Back 430: Gas	300	29NF	3T-5858 π	9X-1382 π
Scat-Back 430: Diesel	380	30H	3T-5760	115-2422
1986-77 Maxi-Sneaker	490	30H	3T-5760	115-2422
1993-60 T-66, T-78, TF300, 300	340	29NF	3T-5858 π	9X-1382 π
1986-76 Trimline 100, 200	360	24	153-5656	3T-5857
1981-70 Trimline 120, Fleet Hoe 30	300	29NF	3T-5858 π	9X-1382 π

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

INDUSTRIAL EQUIPMENT

CASE, J.I. — CHAMP CORPORATION

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Uni-Loaders				
1975-71 1530B, 1737, 1737S	200	24	153-5656	3T-5857
1975-71 1740	570	30H	3T-5760	115-2422
1987-73 1816, 1816B, 1816C	200	24	153-5656	3T-5857
1993-74 1818, 1825, 1830	420	24	153-5656	3T-5857
1987-80 1835, 1835B: Gas	370	24	153-5656	3T-5857
Diesel	650	30H	3T-5760	115-2422
1993-80 1835C; 1840: Diesel	685	30H	3T-5760	115-2422
1987-75 1845, 1845B, 1845S: Gas	370	24	153-5656	3T-5857
Diesel	570	30H	3T-5760	115-2422
1993-86 1845C: Diesel	685	30H	3T-5760	115-2422
Wheel Loaders, Articulated				
1972-63 W5, W7, Series E: Gas	500	24	153-5656	3T-5857
W5: Diesel	625	2	153-5690	8C-3629
W7: Diesel	700	4	8C-3633	8T-9733
Series E: Diesel	625	30H	3T-5760	115-2422
1993-66 W8B, W9B, W10B, W11, W11B, W14	625	30H	3T-5760	115-2422
1992-75 W14B, W14C, W18, W20	625	30H(2)	3T-5760	115-2422
1975-71 W18, W20	625	2(4)	153-5690	8C-3629
1989-77 W20B, W20C	570	30H(2)	3T-5760	115-2422
1985-68 W24B, W24C, W24D, W26, W26D	800	4D(2)	153-5700	9X-9720
1989-77 W30, W36	570	30H(4)	3T-5760	115-2422
1971-70 Series B: Diesel	800	4D(2)	153-5700	9X-9720
1993-88 621, 721, 821	700	31(2)SAE	3T-5760	115-2422
Optional	800	4D(2)	153-5700	9X-9720
1993-91 921	900	4D(2,4)	153-5700	9X-9720
Wheel Tractor (General Purpose)				
1987-85 380B	600	27	153-5656	8C-3601
Windrower				
1965-58 820, 840, 850, 950, 1050	315	1	8C-3617	8T-9734
1965-64 1150	235	24	153-5656	3T-5857
Woodlands				
1982-68 40BLC, 80BR	380	30H(2,4)	3T-5760	115-2422
1986-80 40BLC	600	31(2)	175-4370	175-4390
CATERPILLAR				
See "CATERPILLAR EQUIPMENT" section (pgs. 5 - 13 of this catalog).				
CEDARAPIDS, INC.				
Prior to 1967, see "IOWA MANUFACTURING CO."				
Cold Planers				
1986-84 1900C	925	8D(2)	153-5720	101-4000
Crushing & Screening				
1986-70 544 Commander, 766, 877; All Commander III	975	8D(2)	153-5720	101-4000
Pavers				
1997-89 CR-351, CR-361	850	5D(2)	8C-3633	8T-9733
2000-97 CR-361, -451, -461, -551, -561	800	31(2)	175-4370	175-4390
1996-88 CR-361, -451, -461, -551, -561	850	5D(2)	8C-3633	8T-9733
1986-81 BSF-330	580	30H	3T-5760	115-2422
1986-72 BSF-2, -2H, -4, -400, -420, -431, -520, -521, -530, -531, -541, -620	820	5D(2)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Portable Coal Plant				
1986-78 30SP	975	8D(2)	153-5720	101-4000
Primary				
1985-75 2236, 2248, 2442, 2742, 3042, 3242, 3648, 4248	975	8D(2)	153-5720	101-4000
Rollers				
1985-76 CR2-88, -68, DF-20, DF-30	820	5D(2)	8C-3633	—
S.I. Breaker (Fla. Special) & VGF Portables				
1986-70 3633, 4336, 4340, 5348	820	5D	8C-3633	—
CHAIN BELT				
Pavers				
1963-47 All models	805	4D	153-5700	9X-9720
Pumps				
1967-53 4" HW, -LW, 6" LW, 90M	685	2E	8C-3632 Δ	—
1966-56 4" LD, 6" LD	790	4D	153-5700	9X-9720
1967 4" LD, -LSW	290	29NF	3T-5858 π	9X-1382 π
1967-54 4" LSW, 40MMW, 160S, 200D, 200S	580	1(1,2)	8C-3617	8T-9734
Rollers				
1967-66 Rex Pac: All Models Pneumatic	290	29NF	3T-5858 π	9X-1382 π
1967 Vibratory Pull Type	290	29NF	3T-5858 π	9X-1382 π
Steel Wheel Rollers				
1967-60 Rex Roll 5, 6, 8, 10, 12, 14: Gas	290	29NF	3T-5858 π	9X-1382 π
1967-63 Rex Roll 8, 10, 12, 14: Diesel	380	27F	8C-3602	143-4084
Stabilizers				
1967-56 D-, DS-47; G7W, GS7, HSPTS, PTS	760	4(2)	8C-3633	8T-9733
1967-63 DMS, HDMS, SPDMS, PTDMS	290	29NF(4)	3T-5858 π	9X-1382 π
1967-65 Mobile Hydro. Hammer, Rex Pactor 340	290	29NF(1,4)	3T-5858 π	9X-1382 π
1967 Rex Pactor 3-30	790	4D	153-5700	9X-9720
CHAMP CORPORATION				
Fork Lift Trucks				
1987-60 All models	285	24	153-5656	3T-5857
1974-71 640HLP, 860HLP, 1070HLP, 6425R	285	24	153-5656	3T-5857
1978-60 SK, TL, CB, CY, FY Series, 350HLD	285	24	153-5656	3T-5857
1987-75 C44-60	285	24	153-5656	3T-5857
Optional	560	30H(2)	3T-5760	115-2422
1987-70 Charger; CB40, -40S, -50, -50S, -70, -80	285	24	153-5656	3T-5857
Optional	560	30H(2)	3T-5760	115-2422
1987-78 CB100, CB120, CB606, CB607, CB608	285	24	153-5656	3T-5857
Optional	560	30H(2)	3T-5760	115-2422
1987-70 CR50, CR60, CRL60, 350, 530, 530-70, HL800	280	24	153-5656	3T-5857
Optional	560	30H(2)	3T-5760	115-2422
1987-70 CRL 80-37, VP150, VP180, VP200, VP840, VP1070	580	30H(1,2)	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

THE CHARLES MACHINE WORKS, INC. — CLARK EQUIPMENT CO.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
THE CHARLES MACHINE WORKS, INC.				
DITCHWITCH				
"Ditchwitch" Trenchers				
1964-59 J4, K3, V4	250	22NF	3T-5859 ∞	9X-1384 ∞
1980-84 J-20, V30	250	22F	3T-5859	9X-1384
1993-88 HT-100	925	31	175-4390	—
1981-84 H Series, M Series, R-30	250	22F	3T-5859	9X-1384
1980-74 R-30D	315	24	153-5656	3T-5857
1981-67 R-40, R-60, R-65	470	24(2)	153-5656	3T-5857
1993-75 R-100	865	5D(2)	8C-3633	8T-9733 ¥
1977-75 R-200	900	8D	153-5720	101-4000
1993-73 C Series, Power Pack, PP16	200	U1	8C-3636	—
Optional	250	22F	3T-5859	9X-1384
1993-91 PP50	675	26R	145-4518	—
1999-94 PP70 Turbo	700	30H	3T-5760	115-2422
1993-79 1410, 1420, 1620: Kohler eng., 1810	200	U1	8C-3636	—
1994-78 1500, 1620: Dresser eng., 1820	335	22F	3T-5859	9X-1384
1994-77 2020, 2200, 2300, 2310, 3210	250	22F	3T-5859	9X-1384
1991-80 3210DD, 4010, 5010	470	30H	3T-5760	115-2422
Optional	520	31SAE	3T-5760	115-2422
1993-89 3500, 3610	675	26/70	—	—
1994-91 4500, 5110	675	26R	145-4518	—
1993-91 5020, 6520	650	34	153-5656 =	250-0486
1993-79 6510	315	24	153-5656	3T-5857
Optional	520	30H	3T-5760	115-2422
1993-86 7510	520	30H	3T-5760	115-2422
1999-91 6520, 7020, 7520, 8020	650	34	153-5656 =	250-0486
Loaders				
1989-84 1025SK	520	31SAE	3T-5760	115-2422
Optional	925	31SAE	115-2422	115-2421
Self-Propelled Vibratory Plow				
1980-70 VP-12	200	U1	8C-3636	—
Optional	250	22F	3T-5859	9X-1384
1993-83 V-252, 255SX	150	U1	8C-3636	—
1993-82 350SX	315	24	153-5656	3T-5857
Optional	520	31SAE	3T-5760	115-2422
1999-93 400SX, 410SX	675	26R	145-4518	—
CHICAGO PNEUMATIC				
Portable Air Compressors				
1978-59 75PG-20, 85RG-1, 85RGH-1	440	24	153-5656	3T-5857
1972-59 125RG-2, 125RG-1, -2: Compact	315	24	153-5656	3T-5857
1973-61 125RO-1, -RO-2: Compact	380	30H(1,2)	3T-5760	115-2422
1972-58 125RO-2	655	4(2)	8C-3633	8T-9733
1974-69 150RG-2: Compact, 160RG-1, 175RG-1, -RGH-1	280	24	153-5656	3T-5857
1967-66 160RO-1	1000	8D	153-5720	101-4000
1978-69 175RO-1, 185DZ-1, 185GZ-1	380	30H(1,2)	3T-5760	115-2422
1972-59 210RG-2, 250RG-2	280	24	153-5656	3T-5857
1973-54 210RO-2, 250RO-2, 365RO-2	935	8D	153-5720	101-4000
1978-58 365RO-2, 600RO-2, 600RSO-1, 750RSO-1, 900RO-2, 1200RSO-1, -RSOH-1	935	8D(1,2)	153-5720	101-4000
CLARK				
Crawler Cranes				
1956-48 All models	790	4(1,2)	8C-3633	8T-9733
Truck Cranes				
1959-42 All models	790	4(1,2,4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Tractor Shovels				
1967 BL-700, 35A, -B, 55A, -B: Diesel	815	4D	153-5700	9X-9720
1967 CKL-340: Gas	315	6D	153-5700	9X-9720
Diesel	600	1(2)	8C-3617	8T-9734
1966-60 12B: Gas	315	24	153-5656	3T-5857
Diesel	585	1	8C-3617	8T-9734
1967-62 35A, 45A, 55A: Gas	475	30H	3T-5760	115-2422
1961-60 55A, -B: Gas	550	1(2)	8C-3617	8T-9734
1967-62 55A: Gas, Diesel; 55A-III	815	4D	153-5700	9X-9720
1967 65T-III: Diesel	475	30H	3T-5760	115-2422
1964-60 75A: Gas	550	1(2)	8C-3617	8T-9734
1964-60 Diesel: Waukesha eng.	880	7D(2)	8C-3635	8T-9731
Diesel: GM eng.	900	8D	153-5720	101-4000
1967-65 75A: III	900	8D	153-5720	101-4000
1967 75C: Diesel	505	30H(3)	3T-5760	115-2422
1961-60 85A: Gas	550	1(2)	8C-3617	8T-9734
1964-62 85A, 125A: Gas	790	4D(1,2)	153-5700	9X-9720
1961-60 85A, 125A: Diesel	880	7D(2)	8C-3635	8T-9731
1967-62 Cummins	505	30H(3)	3T-5760	115-2422
1967-62 GM	900	8D	153-5720	101-4000
1967-62 125A, 125C: Diesel, 175A-II, III; III, 175C: Diesel	815	4D(2)	153-5700	9X-9720
1961-60 175A-I	790	4(4)	8C-3633	8T-9733
1961-60 275A-I, 375	880	7D(4)	8C-3635	8T-9731
1967-62 275A-II, III; III, 275C: Diesel	900	8D(2)	153-5720	101-4000
1967 475C	815	4D(4)	153-5700	9X-9720
Dozers				
1967-60 180T-I, III; III Diesel, 380T-I, -II, -III, 480T	815	4D(2,4)	153-5700	9X-9720
1963-60 280T-I	880	7D(4)	8C-3635	8T-9731
1967-64 280C, 280T-III; -III: Diesel	900	8D(2)	153-5720	101-4000
Scrapers				
1967-60 110	815	4D(2,4)	153-5700	9X-9720
1966-60 210, 310	880	7D(4)	8C-3635	8T-9731
1967-65 210, 310	900	8D(2)	153-5720	101-4000
CLARK EQUIPMENT CO.				
AUSTIN-WESTERN DIVISION				
Cranes, Hydraulic				
1968-61 105, 110: w/ Ford engine	335	32N	—	—
w/ IHC engine	840	4(1,2)	8C-3633	8T-9733
1968-58 210, 210P, 220, 409, 410, 410P: w/ Buda 6DT-317	925	7D(2)	8C-3635	8T-9731
w/ Ford 6-volt engine, 174	550	1	8C-3617	8T-9734
w/ Ford 172 (12V), GM 3081 engines	840	4(2)	8C-3633	8T-9733
w/ IHC UD-282, -236, -T282 engines	840	4(2)	8C-3633	8T-9733
w/ Ford 223, 240, 272, 332 engines	335	32N	—	—
w/ DD 4-51, GM43301 engines	335	32N	—	—
w/ IHC U-260, -282	925	7D	8C-3635	8T-9731
Optional	840	4	8C-3633	8T-9733
w/ IHC UB-264, UV-345 engines	335	32N	—	—
1968 630, -C: w/ IHC UV-549 engine	550	1(2)	8C-3617	8T-9734
w/ other engines	840	4(2)	8C-3633	8T-9733
1975-73 709, 710, 714: w/ GM 4-53N engine, 736CM	840	4(2,4)	8C-3633	8T-9733
w/ IHC UV-345 engine	400	27	153-5656	8C-3601
1975-73 720CM, 720-OS	1000	8D(2)	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

CLARK EQUIPMENT CO. — CLEVELAND TRENCHER CO.

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Cranes w/ Magnet Attachment				
1968-61 5CCK-150R/630	335	32N	—	—
1965-61 Optional	840	4(2)	8C-3633	8T-9733
1968-60 10CW-150R	550	2E	8C-3632 Δ	—
1968-64 510 w/ DD 6V-53 engine	840	4(2)	8C-3633	8T-9733
w/ IHC UV-549 engine	550	1(2)	8C-3617	8T-9734
Motor Graders				
1968-61 Pacer, Super: 100 thru 650, GM 3-71	840	4(2)	8C-3633	8T-9733
1975-73 Pacer, Super: 101, 301, 501	900	7D	8C-3635	8T-9731
Motor Sweepers				
1968-56 40, 60, 70	500	30H	3T-5760	115-2422
Rollers - Compactors, Tandem & Pneumatic				
1967-56 T-33, RV-20, -24	550	1	8C-3617	8T-9734
1968-58 53, 84, 104: w/ IHC UV-266 engine; PR-11	335	32N	—	—
w/ all other engines	840	4(1,2)	8C-3633	8T-9733
Rollers w/ Three Wheels				
1968-58 83, 102, 122: All models	840	4(1,2)	8C-3633	8T-9733
CLARK EQUIPMENT CO.				
CRANE DIVISION Formerly "LIMA DIVISION" Also "BALDWIN-LIMA-HAMILTON"				
Cranes				
1981-76 450TC, 770HC	900	8D(2)	153-5720	101-4000
1978-70 45C, 50SC, 65C, 75C: Diesel	900	8D(2)	153-5720	101-4000
Optional	750	6D	153-5700	9X-9720
1972-62 250C, -T, -TS: Hercules Gas eng. ('72-70)	520	2(2)	153-5690	8C-3629
1969-62 Hercules Gas engine	525	3	153-5690	8C-3630
1972-62 Diesel: w/ Cat., DD	520	2(1,2)	153-5690	8C-3629
Diesel: w/ Cummins engine	900	8D(2)	153-5720	101-4000
1981-62 300T, 350T, 400T, 500T, 500TC, 550TC, 600T	520	2(1,2)	153-5690	8C-3629
700TC, 700HC, 990TC, -TCA: Gas	900	8D	153-5720	101-4000
Detroit Diesel engines	750	6D	153-5700	9X-9720
A-C, Cummins Diesel engines	900	8D(2)	153-5720	101-4000
1981-70 765CM, 900T, 1200, 1250, 1500C, -SC, 7700, 7707	900	8D(2)	153-5720	101-4000
1981-79 4700, 4707	625	31(6)	175-4370	175-4390
Crane Carriers				
1969-62 All models	900	8D	153-5720	101-4000
1961-56 24T, 25T: Hendrickson	630	2(2)	153-5690	8C-3629
1961-56 24T, 25T, 34T, 44T, 54T, 74T	900	8D	153-5720	101-4000
1975-73 450TC, 550TC	900	8D(2)	153-5720	101-4000
1981-70 715SP, 725-OS, 4700	625	31(2,3,4)	175-4370	175-4390
1981-74 736CM	700	4(4)	8C-3633	8T-9733
1981-70 765CM, 990TC, 700TC, 7700	975	8D(2,4)	153-5720	101-4000
Road Packers				
1967-59 All Gas engines ex. IHC	525	3	153-5690	8C-3630
Diesel, IHC Gas	900	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Shovels				
1964-54 24, 25: Gas w/ A-C, Hercules eng.	525	3	153-5690	8C-3630
w/ Cat. Diesel engine	520	2(4)	153-5690	8C-3629
w/ Cat. (1957-54)	340	27(2)	153-5656	8C-3601
All other Diesel engines	750	6D(1,2)	153-5700	9X-9720
1961 25: Diesel w/ A-C, Cat. engines	900	8D(2)	153-5720	101-4000
1969-59 34, 44: Gas w/ Burda engine	525	3	153-5690	8C-3630
Diesel: w/ Cat. ('60-59), A-C/Cummins engines	900	8D(1,2)	153-5720	101-4000
Diesel: All other engines	750	6D(1,2)	153-5700	9X-9720
1967-59 64, 65, 604, 703, 802: Gas	520	2(2)	153-5690	8C-3629
Diesel	900	8D(2)	153-5720	101-4000
1967-59 803, 1200, 1250	900	8D(2)	153-5720	101-4000
1961-52 1201, 1601, 2400	520	2(2)	153-5690	8C-3629
1967-62 1850, 2400	750	6D	153-5700	9X-9720
1961-59 2400	525	3	153-5690	8C-3630
CLARK EQUIPMENT CO.				
HANCOCK DIVISION				
Scrapers				
1971-63 12E2E, 218, 282, 292, 294	800	4D(1,2)	153-5700	9X-9720
1967-66 292	950	8D	153-5720	101-4000
CLARK EQUIPMENT CO.				
MELROE DIVISION, See "MELROE COMPANY"				
LIMA DIVISION, See "CRANE DIVISION"				
CLARK MICHIGAN CO.				
See "EUCLID HITACHI HEAVY EQUIPMENT INC."				
CLEVELAND TRENCHER CO.				
Backfillers & Backhoes				
1963-52 80, 80W, 190W; 190: w/ Cat. eng.	525	3(1,2)	153-5690	8C-3630
Optional	410	27	153-5656	8C-3601
1974-63 80W, 190W: w/ Cat. engine	935	8D(2)	153-5720	101-4000
All other engines	410	27	153-5656	8C-3601
1975-71 American 25	935	8D(2)	153-5720	101-4000
Trenchers				
1985-83 BD-81	510	30H(2)	3T-5760	115-2422
1974-68 CT-4	280	22F	3T-5859	9X-1384
1988-64 D-160, H-16, J-26, -36, -46, -57, JS-36	410	27(1,2)	153-5656	8C-3601
1974-70 H-320, S-320	935	8D(2)	153-5720	101-4000
1963-61 J-20, -30, -40, JS-30	525	3(1,2)	153-5690	8C-3630
1993-64 V-95, -110, -140; 92, 236, 240, 246, -FD, 247, -A	410	27(2)	153-5656	8C-3601
1974-52 92, 95, 110, 140, 240, L-270, 320	525	3(1,2)	153-5690	8C-3630
1993-64 240, 247, -A, 7036-SD, 7036-SD, -HD, 9600S, 9624	370	27(1,2)	153-5656	8C-3601
1993-63 320, 350, 400, 400W, -HD; 7035, 7036: w/ Cat. engine	935	8D(2)	153-5720	101-4000
1993-82 7648, 8700	935	8D(2)	153-5720	101-4000

INDUSTRIAL EQUIPMENT

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.

INDUSTRIAL EQUIPMENT

CLIPPER — DEERE, JOHN



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
CLIPPER				
NORTON COMPANY				
Concrete Saws				
1994-90 C-18A, C-30A, C-189	410	26R	145-4518	3T-5859
1996-93 C-35B	450	70	156-5660 Ω	7X-6100
1992-90 C-65A	340	24	153-5656	3T-5857
1996-93 C-65B	400	22F	3T-5859	9X-1384
1996-88 C-142, -143, -162, 163, -202, -203	235	U1	8C-3636	—
1989-75 C-188, C-189, C-375, C-655	300	29NF	3T-5858 π	9X-1382 π
1962-55 C-250, -250A, -300, -302, -360, -362, -363, -370	475	2N	153-5690 #	8C-3629 #
1992-75 C-305, C-309, C-355, C-356, C-656, C-658	370	24	153-5656	3T-5857
1967-62 C-600, All 12-volt	290	28N	—	—
All 6-volt	475	2N	153-5690 #	8C-3629 #
1992-90 C-189	410	26R	145-4518	3T-5859
COCKSHUTT				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Self-Propelled Combines				
1966-61 SP430, -431, 525, 535, 542, 545	315	24	153-5656	3T-5857
1966 535, 545, Diesel	790	4H(2)	8C-3633	8T-9733
COLES MOBILE CRANES				
See "UNIT CRANE AND SHOVEL"				
COMPACTION AMERICA				
See "HYSTER"				
COMPAIR CANADA, LTD.				
Air Compressors				
1987-74 CH160PH, CH160PD, CR160/185PD	875	7D(2)	8C-3635	8T-9731
1987-74 CR275PD, CR300PD	875	7D(2)	8C-3635	8T-9731
1985-74 85, 85G	305	3EE	8C-3620	—
1986-74 RD420 Canadian, RO60PD, RO750PD	935	8D	153-5720	101-4000
1987-74 RO900, RO1800, RO1200	935	8D(2)	153-5720	101-4000
1987-74 Compair Holman 750S	550	30H(4)	3T-5760	115-2422
1984-81 Hydrovane 1	375	24	153-5656	3T-5857
1987-84 Hydrovane HVAP, Zitar 65, 125, 175, 250	550	30H	3T-5760	115-2422
CONTINENTAL EMSCO CO.				
See "SKAGIT PRODUCTS"				
CO-OP COCKSHUTT				
See "COCKSHUTT"				
CULLEN FRIESTEDT				
Locomotive Cranes				
1973-34 15A, 30: Gas engines	850	5D	8C-3633	8T-9733 ¥
Diesel (68-65)	850	5D(4)	8C-3633	8T-9733 ¥
Diesel (64-58)	800	4(4)	8C-3633	8T-9733
1973-50 40: Gas, Diesel	1000	8D(1,2)	153-5720	101-4000
Diesel w/ Hydro-starter	390	60	—	—
CURTISS-WRIGHT				
Self-Propelled Dumpers & Scrapers				
1961-59 CW-D-214, 221, 321, CW-27, -28, -215, -220, -226, -320	875	6D	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
DART TRUCK CO.				
See "UNIT RIG & EQUIPMENT CO."				
DAVEY COMPRESSOR CO.				
Air Compressors				
1978-63 85RPV, 100R	315	24	153-5656	3T-5857
1986-67 100, 125: Gas; 100RPG, 125RPG, 160RP, 160HDR	310	3EE	8C-3620	—
1984-75 Diesel	700	4D	153-5700	9X-9720
1965-62 Optional	690	3(2)	153-5690	8C-3630
1961-57 Optional	625	2E	8C-3632 Δ	—
1989-86 100RPDQ, -GQ, 125RPDQ, -GQ	475	24	153-5656	3T-5857
1965-61 125HDR, -PVC, -RPV	310	3EE	8C-3620	—
1978-73 125RPD, 150RPD, 190RPD	700	4D	153-5700	9X-9720
1989-86 150RPDQ, 160RPDQ	475	24	153-5656	3T-5857
1985-67 150, 150PVC, 190, 190RPG: Gas; 200PVC: Hupp	310	3EE	8C-3620	—
DD, Hercules, Diesel	700	4D	153-5700	9X-9720
1989-75 190RPDQ, 250 Diesel	675	4D	153-5700	9X-9720
1983-75 250 Diesel Option	830	3EH(2)	8C-3632 ¥	—
1989-62 250RP, -RPD, -RPG, -RPV, -RPDQ, 365 Diesel	700	4D	153-5700	9X-9720
1989-75 365RPDQ, 600RPDQ, 750RPDQ	900	8D(1,2)	153-5720	101-4000
1978-59 400RPD, -RPV, 600RP, -RPD, -RPV	700	4D(2)	153-5700	9X-9720
1987-58 600, -RP, -RPV, 750 Diesel, 750RPD, 750PVC	700	4D(1,2)	153-5700	9X-9720
DAVIS MANUFACTURING				
See "CASE, J.I."				
DAYBROOK-OTTAWA CORP.				
See "OTTAWA STEEL PRODUCTS"				
DEERE, JOHN				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Alternators				
65	300	U1	8C-3636 ¥	—
3200, 4000, 5000	335	22NF	3T-5859 ∞	9X-1384 ∞
AMTs				
600, 622, 626	300	U1	8C-3636 ¥	—
Backhoe Loaders				
1999-66 210C, 300, 300B	385	24	153-5656	3T-5857
210C Optional	570	30H(1,2)	3T-5760	115-2422
300D, 310D, 315D, 410D, 510D	625	31(1,2)	175-4370	175-4390
1984-71 301A, 310A, 310B; 310: Gas, Diesel (Requires 2 batts.)	850	3EH(1,2)	8C-3632 ¥	—
310 Optional	625	30H	3T-5760	115-2422
1973-71 301, 401, 401A	525	24(1,2)	153-5656	3T-5857
1998-73 302, 302A, 310C, 401B, 401C	420	24(2)	153-5656	3T-5857
Optional	625	30H(1,2)	3T-5760	115-2422
315C, 315D, 315CH	625	30H(1,2)	3T-5760	115-2422
Optional	550	24	153-5656	3T-5857
1983-70 410, 500C, 510	830	3EH(2)	8C-3632 ¥	—
410 Optional	425	3ET(1)	8C-3620	—
1999-96 410D, 510D, 710D	625	31(1,2)	175-4370	175-4390

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Backhoe Loaders (continued)				
1999-83 410B, 410C, 510B, 510C, 610B, 610C, 710B: 710C	625	30H(1,2)	3T-5760	115-2422
415B, 515B	750	31(1,2)	175-4370	175-4390
500A: Diesel (before 1968), 500A, 500B: Gas	460	3ET(1,2)	8C-3620	—
500A: Diesel (after 1968), 500B: Diesel	850	3EH(2)	8C-3632 ¥	—
Balers				
1967-59 216, 224, 323	315	24	153-5656	3T-5857
Compactors & Cotton Pickers				
1977-68 646, 9900	570	30H(1,2)	3T-5760	115-2422
1980-72 646B	800	4D(2)	153-5700	9X-9720
1984-78 646C; 9910, 9940	625	31(1,3)	175-4370	175-4390
1977-68 9900	570	30H	3T-5760	115-2422
Cotton Strippers				
1976-71 482, 484	570	30H	3T-5760	115-2422
1981-78 484	580	31	175-4370	175-4390
1977-59 484	500	24	153-5656	3T-5857
Excavators				
15	300	U1	8C-3636 ¥	—
25	530	24	153-5656	3T-5857
1999-86 30, 50, 70 (Requires 2 batts.), 70D, 290D	530	24(1,2)	153-5656	3T-5857
1999-78 490, 495, 590, 595, 890	570	30H(2)	3T-5760	115-2422
490D, 490E, 495D, 590D, 595D	625	30H(2)	3T-5760	115-2422
690CR, 690D	750	31(2)	175-4370	175-4390
690D	950	31	175-4390	—
690D (Heavy Duty)	1100	4D(2)	153-5700	9X-9720
1990-64 500, -A, -B, 600	450	3ET(1,2)	8C-3620	—
1984-69 690, 690B	975	4EH(2)	8C-3632 ¥	—
1999-81 690C, 890A, 990	625	31(2,4)	175-4370	175-4390
690E, 690D/DR (160 min. RC)	625	31(2)	175-4370	175-4390
690E Optional	1100	4D(2)	153-5700	9X-9720
690/690 (after 001671)	975	4(2)	8C-3633	—
690/690A	850	3EH(2)	8C-3632 ¥	—
1999-84 790, 790D, 790E, 792	900	4D(2)	153-5700	9X-9720
890	625	30H(2)	3T-5760	115-2422
890 Option, 892D-LC, 992D-LC	1100	4D(2)	153-5700	153-5710
Forklifts				
1986-72 380, 380B, 480, 480B, 480C: Gas, Diesel	420	24(1,2)	153-5656	3T-5857
1990-86 482C	625	30H(1,2)	3T-5760	115-2422
Graders				
1999-71 570, 570A	850	3EH(2)	8C-3632 ¥	—
570B	625	31(2)	175-4370	175-4390
1999-75 670, -A, -B, 672A, -B, 770, 770A, -B, 772A, -B, 770B/BH, 772B/BH	625	30H(2)	3T-5760	115-2422
Optional: 770A, 770B, 772A, 772B	800	4D(2)	153-5700	9X-9720
Hay Cubers				
1967-65 400	1000	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Loaders				
244E	450	26	250-0489	145-4517
344E	625	31	175-4370	175-4390
84	530	24(2)	153-5656	3T-5857
1980-74 444, 544B	975	4D(2)	153-5700	9X-9720
1999-79 444C, 444CH, 444D, 544C, 544, 544D, 644C, 644D, 844	750	31(1,2,3)	175-4370	175-4390
1999-90 444E, 544E	625	31(1,2)	175-4370	175-4390
1973-70 544A, 644A	545	30H(1,2)	3T-5760	115-2422
624E, 644	750	31(1,2)	175-4370	175-4390
1980-74 644B	800	4D(2)	153-5700	9X-9720
1999-90 644E	950	31(1,2)	175-4390	—
744E	1000	8D	153-5720	101-4000
1999-79 844	750	31(4)	175-4370	175-4390
LX100, LX120, LXD100, LXD120	625	31(2)	175-4370	175-4390
LX150	950	31(2)	175-4390	—
Scrapers				
760	625	1(4)	8C-3617	8T-9734
1976-69 760A	870	7D(2)	8C-3635	8T-9731
1999-75 762, 762B	570	30H(2)	3T-5760	115-2422
1986-80 762A, 862	625	31(2)	175-4370	175-4390
860	900	4D(2)	153-5700	9X-9720
1980-73 860A, 860B	800	4D(2)	153-5700	9X-9720
1979-77 860B	545	30H(2)	3T-5760	115-2422
862 (before 705470)	750	31(2)	175-4370	175-4390
1990-86 862 (after 705470)	545	30H(2)	3T-5760	115-2422
1998-86 862B	625	30H(2)	3T-5760	115-2422
Self-Propelled & Pull Type Combines				
1965-50 All pull type models	525	1(1,2)	8C-3617	8T-9734
1965-60 40, 45: Gas, LP-Gas	315	24	153-5656	3T-5857
1963-62 LP-Gas	525	1(2)	8C-3617	8T-9734
1965-60 Diesel	475	30H(2)	3T-5760	115-2422
1965-50 45, 55, 95, 95H: Gas, LP-Gas	525	1(1,2)	8C-3617	8T-9734
95H Diesel; 105: Gas, Diesel	475	30H(2)	3T-5760	115-2422
Self-Propelled Windrowers				
1966-60 VH4	525	1	8C-3617	8T-9734
1966-62 215	315	24	153-5656	3T-5857
Skidders				
1999-83 340D	750	31(2)	175-4370	175-4390
1999-75 440C, 440D, 448D, 540B, 640, 640D, 648D	625	31(2)	175-4370	175-4390
1977-69 440, 440A, 440B	370	24(2)	153-5656	3T-5857
440B (Power Shift)	625	30H(2)	3T-5760	115-2422
1998-84 540D, 548D	625	30H	3T-5760	115-2422
1990-69 540, 540A, 740, 740A, 740D	570	30H(1,2)	3T-5760	115-2422
Optional	625	31(2)	175-4370	175-4390
540E, 548E, 640E, 740E, 748E	950	31(1,2)	175-4390	—
Skid Steer Loaders				
1984-80 60	420	22F	3T-5859	9X-1384
1980-77 60	180	U1	8C-3636	—
1984-72 70, 90, 125: Gas	500	24	153-5656	3T-5857
1984-78 125: Diesel	625	31	175-4370	175-4390
1977-76 125: Diesel	545	30H	3T-5760	115-2422
1975-72 170	530	24	153-5656	3T-5857
1978-71 JD-14, JD-24, JD-24A: Gas	500	24	153-5656	3T-5857
Diesel	545	30H	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

DEERE, JOHN — DUPLEX DIVISION



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Skid Steer Loaders (continued)				
1984-78 Diesel	625	31	175-4370	175-4390
375	450	70	153-5660 Ω	7X-6100
570, 575, 6785	460	3ET	8C-3620	—
675B	950	31	175-4390	—
Tractors: Crawlers				
1999-65 350, -B, -C, -D, 355D (JD Series), 400G	625	30H(1,2)	3T-5760	115-2422
1985-65 450, -B, -C, -D, 455D, 550A, 555, -A	570	30H(1,2)	3T-5760	115-2422
1999-75 450E, 450ELT, 455E, 550, 550B, 555B, 655	570	30H(1,2)	3T-5760	115-2422
450G, 455G, 550G, 555G, 625G	625	31(1,2)	175-4370	175-4390
1999-76 655B, 750, 750B, 750BLGP, 755, 755A, 755B	570	30H(2)	3T-5760	115-2422
Optional: 655B, 750	800	4D(2)	153-5700	9X-9720
1999-85 655B, 755B	625	31(1,2)	175-4370	175-4390
Optional	950	31(2)	175-4390	—
1998-85 750B, -BLGP, 755B	625	30H(2)	3T-5760	115-2422
Optional	900	4D(2)	153-5700	9X-9720
1998-78 850, 850B, 855, 750LGP, 850LGP, -B, -BLGP, 855B, 950, 970, 1050	625	30H(2)	3T-5760	115-2422
Optional	800	4D(2)	153-5700	9X-9720
1964-60 1010, 2010	500	24	153-5656	3T-5857
Tractors, Compact Utility				
650, 750, 770	420	24	153-5656	3T-5857
850, 900HC, 950, 970, 1050	525	30H	3T-5760	115-2422
655, 755, 855	425	22F	3T-5859	9X-1384
670, 855, 955	460	45	—	—
970, 1070	625	30H	3T-5760	115-2422
Tractors: 2-Wheel Industrial & Wheel Loaders				
1985-66 300, 301A, 302, 401B, 401D	370	24(1,2)	153-5656	3T-5857
1986-82 310B, 500	830	3EH(2)	8C-3632 ¥	—
Optional: 310B	545	30H	3T-5760	115-2422
Tractor, Wheel				
All 300, 301, 400, 401, 401A, 401C, 401D	550	24(1,2)	153-5656	3T-5857
500A (after 1969), 500B: Diesel	850	3EH(2)	8C-3632 ¥	—
500, 500A (before 1969), 600: Gas	460	3ET	8C-3620	—
500, 500A, 500B: Gas	460	3ET	8C-3620	—
600: Diesel	850	3EH(2)	8C-3632 ¥	—
700, 700A (before 025158)	625	1(4)	8C-3617	8T-9734
700A (after 025159)	975	7D(2)	8C-3635	8T-9731
Tree Harvester, Feller-Buncher				
493D	625	30H(2)	3T-5760	115-2422
643, 653E	950	31(1,2)	175-4390	—
643D	625	31(1,2)	175-4370	175-4390
1984-77 693B	975	4(2)	8C-3633	—
1999-85 693C	750	31(1,2)	175-4370	175-4390
1999-90 693D	625	31(1,2)	175-4370	175-4390
1984-77 743, 743A, 743-TH, 743-FB	625	30H(2)	3T-5760	115-2422
Wheel Loaders				
300, 300B, 301, 301A, 302, 302A, 401B	550	24(1,2)	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Utility Vehicles				
4x2, 6x4 Gators	300	U1	8C-3636 ¥	—
DEMPSTER				
Compaction Trailers				
1961-60 All models	525	2E	8C-3632 Δ	—
Diggsters & Dumpsters				
1961-54 101D, 101G; GRD-300, -304, -304F	850	5D	8C-3633	8T-9733 ¥
DEUTZ-ALLIS				
<i>See Farm Equipment section</i>				
DEVERE MFG. CO.				
Heavy Duty Mowers				
1977-59 Expressway Patrol 10	465	NA	—	—
Special 12-volt, 9-1/2" x 5-1/2" 9-1/4" Figure assembly No. 11				
1977-59 24, 31-V, 31-VR, TR60	165	U1	8C-3636	—
DITCHWITCH				
<i>See "THE CHARLES MACHINE WORKS, INC."</i>				
DOMINION				
Power Shovel and Truck Cranes				
1971-58 All models	650	3(1,2,4)	153-5690	8C-3630
DOUGLAS MOTORS CORP.				
Vibratory & Tandem Econoroll Rollers				
1967-56 All models	335	32N	—	—
DRESSER INDUSTRIES, INC.				
<i>See "GALION MANUFACTURING CO.," "INTERNATIONAL HOUGH DIVISION" or "LE ROI DIVISION"</i>				
DRILTECH, INC.				
Crawlers & Trucks				
1985-74 All	1000	8D(2,4)	153-5720	101-4000
DROTT MFG. CO.				
<i>See "CASE, J.I."</i>				
DUNHAM MFG. CO., INC.				
<i>See "LOG HOG MANUFACTURING, INC."</i>				
DUPLEX DIVISION				
WARNER & SWASEY CO.				
<i>In the absence of a cranking performance rating from the manufacturer, the ratings shown are based upon industry consensus.</i>				
Crane Carriers				
1975-69 All: Gas, Diesel (Requires 4 batts.)	410	30H(1,4)	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

DUPLEX DIVISION — EIMCO MINING MACHINERY

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Gradalls & Gradall Carriers				
1975-59 All except models shown below	410	30H(1,2,4)	3T-5760	115-2422
1975-68 GR 6x6, 6x4: Cummins Diesel	800	4(4)	8C-3633	8T-9733
Hopto Carriers & Industrial High Loaders				
1975-86 All	410	30H(1,2)	3T-5760	115-2422
1967-66 Beaver	230	24	153-5656	3T-5857
Lift Trucks				
1975-67 1200, 1201, 1203, 1600, 1601, 1603: Gas	410	30H	3T-5760	115-2422
1200, 1202, 1600, 1602: Diesel	625	3(2)	153-5690	8C-3630
1975-69 RPC-300	900	8D(2)	153-5720	101-4000
D. W. ONAN				
See "ONAN"				
DYNAPAC MFG., INC.				
Pavement Profiler				
1987-86 PL-1300	625	31(2)	175-4370	175-4390
1987-80 PL-2000	1100	8D(2)	153-5720	101-4000
Self-Propelled Vibratory Compactor				
1988-81 CA-12, CC-50 II PD & S	625	31	175-4370	175-4390
1988-69 CA-15, CA-25, CA-25 II	775	4D	153-5700	9X-9720
1984-74 CC-10, -I	390	27	153-5656	8C-3601
1983-75 Optional	335	24	153-5656	3T-5857
1988-84 CC-10 II, CC-12 (Best fit est.)	370	46	153-5656 ≠	127-0824 ≠
1988-75 CC-14, CC-21, CC-21 II (Best fit est.)	775	4D	153-5700	9X-9720
1988-72 CC-42, CC-42 II, CC-50, CC-50A, CC-50 PD & D	775	4D	153-5700	9X-9720
1988-87 CC-50A II, CC-50 PD & S	625	31(2)	175-4370	175-4390
1981-70 DD-16, DD-18 (Double Drum)	225	22NF	3T-5859 ∞	9X-1384 ∞
1981-64 CK-11, CF-11 (Tow Type)	335	24	153-5656	3T-5857
1981-75 CG-08 (Tandem Roller), CG-09	315	42	8C-3605 π	250-0490
DYNA-TECHNOLOGY, INC.				
Formerly "WINCHARGER"				
Generator Plants				
<i>During these years, the following sizes were used:</i>				
1974-56 (Measure carefully. Watch voltage!)	525	1(1,2)	8C-3617	8T-9734
	525	2	153-5690	8C-3629
	410	24	153-5656	3T-5857
	325	60	—	—
EATON CORPORATION				
See "TROJAN INDUSTRIES, INC."				
EDWARDS EQUIPMENT CO.				
See Farm Equipment section				

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
E.D. ETNYRE CO.				
Chip Spreaders				
1964-63 All models	280	24	153-5656	3T-5857
1967-65 All models	240	72	156-5660 Ω	7X-6100
1993-75 A-C 649T: Diesel, Cummins: 6BT, 6BTA	565	27(2)	153-5656	8C-3601
1994-85 Cat. 3208, 3208T, 6CT, 6CTA	760	4D(2)	153-5700	9X-9720
1996-86 CR3208, -T	760	4D(2)	153-5700	9X-9720
1999-86 CS6BT, -A	565	27(2)	153-5656	8C-3601
1999-87 CS6CT, -A	760	4D(2)	153-5700	9X-9720
1993-75 Ford 429: GM 4-53N, T	565	27(1,2)	153-5656	8C-3601
1976-63 IHC: U-372, U-450, UD-407	440	27(1,2)	153-5656	8C-3601
1984-77 V-392	345	27	153-5656	8C-3601
Haulers				
1999-89 Heavy Hauler	260	22NF	3T-5859 ∞	9X-1384 ∞
1999-76 Maintenance Units - All	280	24	153-5656	3T-5857
Pavers				
1996-73 Curb Paver: Wisconsin; Briggs-Stratton AO 2447	220	U1	8C-3636	—
1991-81 FC-400	760	4D	153-5700	9X-9720
Snow King Road Distributors & Pumping Units				
1993-66 All	280	24	153-5656	3T-5857
1965-62 All	525	1	8C-3617	8T-9734
Street Flushers				
1975-57 Ford 240, 223; IHC UB-220, Hercules QXC5	280	24	153-5656	3T-5857
1975-62 Ford 220: Diesel	760	4D	153-5700	9X-9720
1993-84 Ford 442, 649	565	27	153-5656	8C-3601
1991-74 GM 3-53: Diesel; JD 4239	360	27(1,2)	153-5656	8C-3601
1999-94 JD-E0A5D	565	27	153-5656	8C-3601
EIMCO MINING MACHINERY				
Formerly "ENVIROTECH CORP."				
Crawler Tractors				
1968-53 All models	900	8D(1,2)	153-5720	101-4000
Loaders (MHSA Schedule 24)				
1984-70 911, 911-LHD, 912D-LHD	480	30H	3T-5760	115-2422
1984-67 912, -LHD, 913-LHD, 915, -LHD, 916, 918,	900	8D(1,2)	153-5720	101-4000
1983-81 913D-LHD	700	4D(2)	153-5700	9X-9720
1984-82 920-LHD, 925X-LHD	900	8D(1,2)	153-5720	101-4000
Utility Vehicles (MHSA Schedule 24)				
1974-67 916-T20	900	8D(2)	153-5720	101-4000
1984-72 922, 980, 980-T10, 980-T13	480	30H(2)	3T-5760	115-2422
1984-70 975, 975A, 980-T10, 980-T13, 980-T015	600	27(1,2)	153-5656	8C-3601
1984-77 980-T20, 980-T27	900	8D(2)	153-5720	101-4000
1984-79 985, 990 Lift Truck; 950, 955, 955L Minetenders	600	27(1,2)	153-5656	8C-3601

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

ELGIN SWEEPER CO. — EUCLID HITACHI HEAVY EQUIPMENT, INC.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
ELGIN SWEEPER CO.				
Catch Basin Cleaners & Street Sweepers				
1967-59 Eductor; Sweepers: Gas models	335	32N	—	—
1979-69 Eductor: Model L, M; Sweepers: Gas models	440	27	153-5656	8C-3601
1975-60 Sweepers: All Diesel models	800	4(2)	8C-3633	8T-9733
1988-85 Condor Model E	625	31(2)	175-4370	175-4390
Crosswind Models (incl. Diesel)				
1991-83 GMC chassis Model G	550	74(2)	153-5660	—
1991-83 Ford chassis Model G, All Model L	535	64(2)	8C-3611	—
1997-88 Eagle: Model E, F	750	31(2)	175-4370	175-4390
1999-96 Geo-Vac	925	31	175-4390	—
Geo-Vac Chassis, Federal Chassis	925	31(2)	175-4390	—
Ford Chassis	925	64(2)	—	—
GMC Chassis	550	74(2)	153-5660	—
Pelican:				
1999-88 Model P, S, SE	925	31	175-4390	—
1990-86 Model A; Model S: Diesel	625	31	175-4370	175-4390
1986-83 Model A, HH; Model S: Diesel	680	4(2)	8C-3633	8T-9733
1984-66 Model S: Gas	440	27	153-5656	8C-3601
Road Runner Model W:				
1984-79 Diesel	875	7D(2)	8C-3635	8T-9731
1984-79 Gas	440	27	153-5656	8C-3601
1990-85 Trailwind Model D	300	41	8C-3605	—
Whirlwind:				
1997-88 Series L	925	31	175-4390	—
Whirlwind II:				
1991-88 Model L w/ Ford eng.	535	64(2)	8C-3611	—
1991-88 w/ IHC engine	520	41	8C-3605	—
1990-84 Model V: Diesel	525	74(2)	153-5660	—
1983-73 Model V: Diesel	625	31(2)	175-4370	175-4390
1985-84 Model V: Gas	525	78	153-5660 =	250-0486 =
1983-73 Model V: Gas	335	24	153-5656	3T-5857
White Wing:				
1984-63 Model T: Gas	440	27	153-5656	8C-3601
1984-73 Model T: Diesel	680	4(2)	8C-3633	8T-9733
ELWELL-PARKER				
Industrial Trucks				
1974-58 All models	525	2	153-5690	8C-3629
ENUMCLAW				
See "GARRETT ENUMCLAW CO."				
ENVIROTECH CORP.				
See "EIMCO MINING MACHINERY"				
ESSICK MAYCO				
CONSTRUCTION EQUIPMENT A FIGGIE INTERNATIONAL COMPANY				
Compressors				
1966-60 45TE, 58TE	525	1	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Emulsion & Exterior Sprayers				
1985-79 ES2 27T (w/ elec. start)	280	24	153-5656	3T-5857
1995-90 50XT	515	24	153-5656	3T-5857
Graders & Maintainers				
1982-67 F-1500, F-1900	935	8D	153-5720	101-4000
1976-67 All maintainers	390	27	153-5656	8C-3601
1991-82 M-850A, -B	550	3(2)	153-5690	8C-3630 ¥
Mixers				
1967-60 1212	525	2E	8C-3632 Δ	—
Plastering Machines				
1967-62 All	360	24	153-5656	3T-5857
1994-93 FM-9H	220	U1	8C-3636	—
1985-78 MG-18, MG-13MD, MG-30, -30D, MG-30MD, MG-30-2	335	22NF	3T-5859 ∞	9X-1384 ∞
1993-64 PG-12, PG-12MD, TM30, -30MD	280	24	153-5656	3T-5857
1993-86 TM45LD	360	24	153-5656	3T-5857
Pumps (incl. Concrete)				
1995-67 MCP35, 38, 40M	280	24	153-5656	3T-5857
1966-60 40M	525	1	8C-3617	8T-9734
1967-60 90M	525	2E	8C-3632 Δ	—
Road Rollers				
1966-46 All models	525	1	8C-3617	8T-9734
1967 All models	315	24	153-5656	3T-5857
Rollers (Tandem & 3-Wheel)				
1975-67 3/5, 4/6	390	27	153-5656	8C-3601
1982-75 5/8, 8/12	760	4D	153-5700	9X-9720
1977-67 All 10 ton 3-wheel	550	3(2)	153-5690	8C-3630 ¥
Rollers (Pneumatic & Vibratory)				
1976-67 All pneumatic	390	27	153-5656	8C-3601
1993-67 V30R-R, V30W2R, V30WR, VR30RE	220	U1	8C-3636	—
1993-80 V30W2LD	225	22NF	3T-5859 ∞	9X-1384 ∞
1985-62 VR28R, VR42RE, -RET, -RED, VR54TEA, -TEW	280	24	153-5656	3T-5857
1990-67 VR54TEDD, -TEHD, -TELD, VF54TEDD	515	2(2)	153-5690	8C-3629
1985-60 V727F, V72S, 72TECD	515	2(2)	153-5690	8C-3629
1985-77 VR130B, VR130R	220	U1	8C-3636	—
1985-62 320-100	280	24	153-5656	3T-5857
1966-60 54TEC, VR72	450	1	8C-3617	8T-9734
1967 54TEC, VR72	360	24	153-5656	3T-5857
1985-82 PG-12, PG-12MD	220	U1	8C-3636	—
1996 V30-3H	220	U1	8C-3636	—
EUCLID HITACHI HEAVY EQUIPMENT, INC.				
Crawler Tractors				
1955-61 TC-12	950	8D(2)	153-5720	101-4000
Graders				
1980-73 301, 401, 501: Pacer & Super	900	7D(2,4)	8C-3635	8T-9731
Haulers				
1989-88 R25, -35, -50, -85, -120, -170, -190	950	8D(2)	153-5720	101-4000
1989-88 R100	285	30HR(2)	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

EUCLID HITACHI HEAVY EQUIPMENT CO. — FIGGIE INTERNATIONAL

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Industrial Tractors				
1961-52 Models w/ Buda, Cummins 6-cyl. eng.	950	8D(2)	153-5720	101-4000
w/ GM 4-71, 6-71 eng.	950	8D	153-5720	101-4000
Front end loader w/ GM 4-71	800	4D	153-5700	9X-9720
w/ GM 6-71 eng. w/ air start	900	7D(2)	8C-3635	8T-9731
1968-62 All 12-volt, 24-volt w/ elec. start	950	8D(1,2)	153-5720	101-4000
All w/ air start	800	4D	153-5700	9X-9720
Scrapers				
1980-64 2E, 12E, 110: Series all, 192	700	4D(1,2,4)	153-5700	9X-9720
1980-65 210, -111H, -HB, 310, -H, -TH	900	8D(2)	153-5720	101-4000
1977-63 218, 282, 292, 292E, 294, 392, 410	700	4D(1,2,4)	153-5700	9X-9720
Skidders				
1992-88 664D, 665D, 666D, 667D	625	31(1,2)	175-4370	175-4390
1992-88 668D	800	4D(2)	153-5700	9X-9720
1992-88 F665, -666, -667, -668	700	31(1,2)	175-4370	175-4390
Wheel Dozers				
1992-81 W280B, W280C, 280B, 280C	700	31(4)	175-4370	175-4390
1992-80 W380, W380B	625	31(4,8)	175-4370	175-4390
Wheel Loaders				
1991-78 35C, 45C, 55C	700	31(2)	175-4370	175-4390
1991-81 75C, 125C	625	31(4)	175-4370	175-4390
1991-79 175C, 275C, 475C, 475C Turbo	625	31(4,8)	175-4370	175-4390
Optional	900	8D(2,4)	153-5720	101-4000
1991-75 675	900	8D(4)	153-5720	101-4000
1992-88 L30 (spl. 12-volt batt.)	380	NA(2)	—	—
1992-88 L50, L70, L90, L120, L160 (spl. 12-volt batt.)	NA	NA(2)	—	—
1992-88 L140, L190B, L270B, L320, L480, L480T	625	31(4,8)	175-4370	175-4390
EVEREADY BRIKSAW CO.				
Concrete Saws				
1965-55 All ex. below	475	2N	153-5690 #	8C-3629 #
1965-62 E-60; All w/ 12-volt ignition	290	28N	—	—
FAIRBANKS-MORSE				
Generating Sets				
1963-50 Models 3KA- thru 35A- models	500	30H	3T-5760	115-2422
1963-58 Models 40A- thru 125A- models	800	4D	153-5700	9X-9720
1963-60 Models 150A- thru 350A- models	950	8D(2,3)	153-5720	101-4000
Generating Sets, Air-Cooled				
1966-64 DA-6P, -10P, -350P, -150P: Diesel	500	30H(1,2)	3T-5760	115-2422
1966-63 G2500WBR, GS5000CR, GS10000CR, GS15000CR, GS2000	410	27	153-5656	8C-3601
Diesel Generating Sets, Water-Cooled				
1966-63 B10D thru B75D, B15/20D thru B125/140D	800	4D(1,2)	153-5700	9X-9720
1966-63 B100D thru B578D, B150/175D thru B550/630D	950	8D(1,2,4)	153-5720	101-4000
1969-66 15D17 thru 150T6B	800	4D(1,2)	153-5700	9X-9720
1969-66 150TCA6B thru 600TCW12	950	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Gas Generating Sets, Water-Cooled				
1969-63 B10A- thru B75A-; All "G" Series models	500	30H	3T-5760	115-2422
1969-63 B50A-204-804, 100F817	800	4D	153-5700	9X-9720
1969-63 B100A- thru B150A-; 125F-, 105F-1197	950	8D(1,2)	153-5720	101-4000
1967-66 30G23, 50G34, 75UV549	475	55H	—	—
FEDERAL SIGN & SIGNAL CORP.				
See "BURRO CRANE INC."				
FERGUSON				
See Farm Equipment section				
FIATALLIS NORTH AMERICA, INC				
Crawler Tractors				
1981-68 HD6, HD7G, HD11, HD16, 12G, 16B	775	4D(2)	153-5700	9X-9720
1985-69 21, 21B, 21C, 31, FD30, FD40, FD50	975	8D(2)	153-5720	101-4000
1976-68 HD-6, -7G, -11, -12G, -16, -16B	775	4D(2)	153-5700	9X-9720
1985-69 HD-21, -21B, -21C, -FD-30, -31, HD-41, -41B	975	8D(2,4)	153-5720	101-4000
1985-78 10C, FL10C, 14C, FL14C	775	4D(2)	153-5700	9X-9720
Crawler Tractors & Loaders				
1985-82 FD-5, FL-5, FD-7, FL-7	345	27(2)	153-5656	8C-3601
1985-78 8B, FL9, FD20, FL20	775	4D(2)	153-5700	9X-9720
Dozers & Excavators				
1985-64 D30; FE-20, FE-28, FE-40	775	4D(2)	153-5700	9X-9720
1966-63 D40	975	8D(2)	153-5720	101-4000
1985-82 FE-18	545	30H(2)	3T-5760	115-2422
Motor Graders				
1971-61 D, DD	450	1(2)	8C-3617	8T-9734
1971-61 45, 145, 145T, M-60, M-70, FG-85, FG-95	750	5D(4)	8C-3633	8T-9733 ¥
1985-82 FG-85, FG-95	345	27(2)	153-5656	8C-3601
1985-73 FG-75, 100C, 150C, 200C, FG-76	775	4D(2,4)	153-5700	9X-9720
1978-71 M65, M65D, M65G	545	30H	3T-5760	115-2422
1985-79 65B	580	30H(2)	3T-5760	115-2422
Pipelayers & Tractor Scrapers				
1985-76 PL-40, FP-60	775	4D(2)	153-5700	9X-9720
1985-73 FP-120, 161, 260, 261, 262, 263	975	8D(2)	153-5720	101-4000
Wheel Loaders				
1985-72 345B, 545B, 605B	545	30H(2)	3T-5760	115-2422
1981-72 645B, 745C	775	4D(2)	153-5700	9X-9720
1984-75 945B	975	8D(2)	153-5720	101-4000
1985-81 FR-7, FR-10, FR-12,	655	29H(2)	3T-5760	115-2422
1985-80 FR-15, FR-20	580	30H(4)	3T-5760	115-2422
1985-84 FR-30, FR-35	625	31(4)	175-4370	175-4390
FIGGIE INTERNATIONAL				
See "ESSICK MAYCO" or "SNORKEL"				

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

FINN CORPORATION — FORD-HEW HOLLAND



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
FINN CORPORATION				
Bark Blower				
2000-98 302	685	34	153-5656 =	250-0486
2000-97 808, 816, 1240	675	27	153-5656	8C-3601
Mulch Spreader				
2000-90 B-260	675	27	153-5656	8C-3601
1997-87 C-15; Honda 340	130	U1	8C-3636	—
1989-74 B-250, Ford 300	520	24	153-5656	3T-5857
2000-98 B-40	685	34	153-5656 =	250-0486
1987-76 B-50	520	24	153-5656	3T-5857
1995-87 B-70	520	24	153-5656	3T-5857
2000-95 B-70	685	34	153-5656 =	250-0486
1989-77 JD 6392D	600	30H	3T-5760	115-2422
Hydro Seeder				
2000-97 T-30, TL-30	130	U1	8C-3636	—
2000-90 T-60, T-90, T-120	685	34	153-5656 =	250-0486
1994-87 T-50, T-90, T-120	520	24	153-5656	3T-5857
2000-89 T-280, T-330, T-170	675	27	153-5656	8C-3601
1990-86 T-110	520	24	153-5656	3T-5857
1988-63 Wisc. VH4D, 1770	400	24	153-5656	3T-5857
1978-74 Ford 192G, T-150	335	24	153-5656	3T-5857
1990-77 T-150, T-170; JD 4239	600	30H	3T-5760	115-2422
1976-74 T-150, T-170; JD-4239	830	5D(2)	8C-3633	8T-9733 Y
1987-82 T-100, T-80	520	24	153-5656	3T-5857
Twin Jet Fire Ball				
1990-89 DD 4-53	650	27	153-5656	8C-3601
1990-87 DD 4-53	600	30H	3T-5760	115-2422
1986-75 DD 4-53	830	8D(2)	153-5720	101-4000
FLAHERTY BRANCH				
BUFFALO SPRINGFIELD CO.				
Power Brooms & Rollers				
1962-59 All models	500	1	8C-3617	8T-9734
1968-60 All broom models; Roll-Master	350	3EE	8C-3620	—
Spread-Master Chip Spreaders				
1964-58 283B-4, 336-4	350	3EE	8C-3620	—
1968-64 Model K (Diesel req. 2 batts.)	320	24 (1,2)	153-5656	3T-5857
FMC				
Formerly "CABLE CRANE & EXCAVATOR" Also "LINKBELT"				
Power Shovels & Cranes				
1985-63 HC-48A; DD-4-53 (Carrier)	380	30H	3T-5760	115-2422
w/ DD 5-53 engine (Upper)	655	4(2)	8C-3633	8T-9733
All other engines	375	24	153-5656	3T-5857
1963-49 All 58, 68 & 70 models, except below	655	4(1,2,4)	8C-3633	8T-9733
w/ Cat. D-311, -315; Waukesha 190GLBU eng.	545	2(1,2)	153-5690	8C-3629
1971-40 All 77 thru 208 models except below	655	4(2,4)	8C-3633	8T-9733
Optional	975	8D(2)	153-5720	101-4000
Optional	630	2(2)	153-5690	8C-3629
1977-61 HC-108B, -108C	655	4(2)	8C-3633	8T-9733
1985-69 HC-138, -138A; w/ GM 4030N engine	655	4(2)	8C-3633	8T-9733
w/ all other engines	975	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Power Shovels & Cranes (continued)				
1985-65 HC-208, -218, -218A; All except below	975	8D(1,2)	153-5720	101-4000
w/ GM4030N, Waukesha 140GZ engines	655	4(2)	8C-3633	8T-9733
1985-71 HC-238, -238A, -258, -268	975	8D(1,2)	153-5720	101-4000
1972-63 HC-2000, HT-101; w/ DD3-53 engine	545	2(2)	153-5690	8C-3629
w/ other engines	375	24	153-5656	3T-5857
1977-71 HT-150, -200, -300, -450, HTC-14, -20, -25, -34, -35	975	8D(1,2)	153-5720	101-4000
1967-64 K-300	545	2	153-5690	8C-3629
1967-52 K-360 thru -608 Series	900	8D(1,2)	153-5720	101-4000
Optional	550	1	8C-3617	8T-9734
Optional	660	2(2)	153-5690	8C-3629
1985-61 All "LS" models except those listed below	975	8D(1,2)	153-5720	101-4000
1975-61 LS-58, -68, -78, -78LC; All except below	655	4(2)	8C-3633	8T-9733
w/ Waukesha 195GK, 190GLUB engine	545	2(2)	153-5690	8C-3629
1985-72 LS-98, -98PL, -108B, -108C	655	4(2)	8C-3633	8T-9733
1985-77 LS-718, -918	625	31(4)	175-4370	175-4390
1985-61 All "TG" models; UC-108B, "TC"	975	8D(2)	153-5720	101-4000
1977-68 YC-18, -24, -28, -38, -48	380	30H(1,2)	3T-5760	115-2422
1971-62 77-78; All except below	655	4(2)	8C-3633	8T-9733
w/ GM 4082 engine	975	8D(2)	153-5720	101-4000
w/ Waukesha 135GZ engine	545	2(2)	153-5690	8C-3629
1971-61 98-108; w/ Waukesha 135GZU engine	545	2(2)	153-5690	8C-3629
w/ Cat., Cummins, GM engines	975	8D(1,2)	153-5720	101-4000
w/ other engines	655	4(2)	8C-3633	8T-9733
1977-63 400, 1000, 1500, 2300	975	8D(1,2)	153-5720	101-4000
1985-82 GC-78B, UC-78B, UC-108B	935	8D	153-5720	101-4000
FOOTE				
<i>For 1956 and later, see "BLAW-KNOX"</i>				
Blacktop & Concrete Pavers				
1955-49 All Hercules ex. below	615	4B	153-5700	153-5720
1955-49 PF-90, Herc. QXC-5	525	2	153-5690	8C-3629
1955-49 Adnun; Herc. DOOC, DHXB	805	4D(1,2)	153-5700	9X-9720
1955-49 All GM models	900	8D	153-5720	101-4000
FORD-NEW HOLLAND				
Formerly "FORD," "NEW HOLLAND" & "SPERRY NEW HOLLAND"				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Articulated Steer Loaders & Leaf Loaders				
1991-85 L600, 710	625	31	175-4370	175-4390
Articulated Steer Loader & Backhoe				
1989-85 LB620	445	3ET(2)	8C-3620	—
Industrial Tractors				
1991-75 All models	750	4DLT	153-5700 Δ	8C-3622
Skid Steer Loaders				
1993-71 L35, L784	375	24	153-5656	3T-5857
1985-74 L225, L325, L425, L445, L451	375	3ET(1,2)	8C-3620	—
Optional	410	24	153-5656	3T-5857
1993-84 L250	410	70	156-5660 Ω	7X-6100A
1993-76 L452, L454, L455, L555, L778	375	3ET(1,2)	8C-3620	—
Optional	410	55	8C-3611	—
1993-85 L553, L555, L781, L783, L785	925	31	175-4390	—
1987-83 L553	410	55	8C-3611	—
1988-73 L554, L775; L779; Gas, Diesel (Requires 2 batts.)	410	24(1,2)	153-5656	3T-5857

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

INDUSTRIAL EQUIPMENT

FOX RIVER TRACTOR — GAR WOOD

INDUSTRIAL EQUIPMENT

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
FOX RIVER TRACTOR				
Self-Propelled Forage Harvesters				
1967-60 All ex. below	900	8D	153-5720	101-4000
1967-66 SPF	445	30H	3T-5760	115-2422
Material Spreaders				
1962-57 All models	375	1	8C-3617	8T-9734
1967-63 All models	220	22F	3T-5859	9X-1384
FWD-WAGNER				
WAGNER, FWD				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Compactors				
1967-61 SF-17, WC-17, WC-24, WC-317	800	4D(2)	153-5700	9X-9720
1971-66 All other models	900	8D(1,2)	153-5720	101-4000
Lift Trucks & Log Stackers				
1971-63 CH-50, P-70, -80, -90; L-24, -120, -130	900	8D(1,2)	153-5720	101-4000
1971-59 L-24 Super, L-40, -60, -70, -80, -90, LJ-3-70	800	4D(2)	153-5700	9X-9720
1962-59 LJ-3-18, -20, -30	900	8D	153-5720	101-4000
GALION MFG. CO.				
Division of DRESSER INDUSTRIES, INC.				
Mobile Cranes				
1983-82 ML-40	545	30H(2,3)	3T-5760	115-2422
1983-65 80, 125, 125F, 140F, 125A, 125FA, 220A, 220S	975	8D	153-5720	101-4000
1980-62 Optional	345	27	153-5656	8C-3601
1979-62 Optional	550	3(2)	153-5690	8C-3630
1975-65 90A, 110A, 125A	550	3	153-5690	8C-3630
1965-64 125: Gas	375	27	153-5656	8C-3601
Diesel	690	3(2)	153-5690	8C-3630
1983-68 150A, 150FA, 150P, 200F	975	8D	153-5720	101-4000
1979-70 Optional	340	27	153-5656	8C-3601
Pneumatic Tired Roller				
1983-76 3500	345	27	153-5656	8C-3601
Optional	550	3(2)	153-5690	8C-3630
1975-74 LW	650	27(1,2)	153-5656	8C-3601
Prime Movers & R.O.S.				
1982-80 25A	975	8D	153-5720	101-4000
Optional	340	27	153-5656	8C-3601
Optional	550	3	153-5690	8C-3630
1980-70 10-12	390	27	153-5656	8C-3601
Road Graders				
1973-59 104, 104B, 104H	880	8D(1,2)	153-5720	101-4000
GM, Cummins: Diesel	900	8D	153-5720	101-4000
IHC engines	550	3(1,2)	153-5690	8C-3630
Optional	790	4(2)	8C-3633	8T-9733
1975-66 118, -A, -B, -C	880	8D(1,2)	153-5720	101-4000
IHC: Diesel	550	3(1,2)	153-5690	8C-3630
IHC U-450, DD 4-71	390	27(2)	153-5656	8C-3601
1973-66 JN130, 160, -B, -L, 303	900	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Road Graders (continued)				
1982-68 T400A	680	4(4)	8C-3633	8T-9733
1960-59 303, 450	550	3	153-5690	8C-3630
1967-59 303 IHC: Gas	375	27	153-5656	8C-3601
1983-79 A450E, A500, A550, A600, S450E	545	30H(2,3)	3T-5760	115-2422
1977-58 T500, T600, T500A, T-500, -A, T-600, -B, T-700	880	8D(1,2)	153-5720	101-4000
1977-73 T500L: IHC, DT-407	680	4(4)	8C-3633	8T-9733
1983-70 DD 4-71, A500E, S500E	880	8D	153-5720	101-4000
Optional	680	4(4)	8C-3633	8T-9733
1983-60 503A, 503L	550	3(2)	153-5690	8C-3630
1982-72 Optional	340	27	153-5656	8C-3601
1977-69 T600B: IHC DT-407	590	4(4)	8C-3633	8T-9733
1983-59 DD 6-71, T600C, T700	880	8D(1,2)	153-5720	101-4000
Optional	680	4(4)	8C-3633	8T-9733
Road Planer				
1982-74 RP30, RP42	680	4(4)	8C-3633	8T-9733
1982-79 RP60	975	8D(2)	153-5720	101-4000
1983 SP-600	545	30H(4)	3T-5760	115-2422
Rollers				
1967-52 Chief, Warrior models ex. below; Retractable Wheel	690	3(1,2)	153-5690	8C-3630
1967-63 Gas; Pneumatic: Gas; 9-12: Gas	375	27	153-5656	8C-3601
9-12: Diesel	690	3(2)	153-5690	8C-3630
Tandem Rollers				
1967-63 3-5, 4-6, 10-14, 13-20: Gas	375	27	153-5656	8C-3601
Diesel	690	3(2)	153-5690	8C-3630
1983-52 5-8, 8-12, S8-12, S10-14	690	3(1,2)	153-5690	8C-3630
1967-63 Optional	375	27	153-5656	8C-3601
1983-61 S3-5, S4-6, S5-8, S8-10-1/2	340	27	153-5656	8C-3601
Optional	550	3(2)	153-5690	8C-3630
Vibratory Rollers				
1983 VOS-2-42A	380	55	8C-3611	—
1983 VOS-84A, VOS-A84A, VOS-D84A, PD84A	545	30H(2)	3T-5760	115-2422
1983-71 Optional	975	8D	153-5720	101-4000
1983-79 VOS-, VOSPD-66A, VOS-A66A, -D66A, -2-66A,	550	3(2)	153-5690	8C-3630
GAR WOOD				
Formerly "BUCKEYE"				
Ditchers				
1962-58 All Gas engines	625	2	153-5690	8C-3629
1965-63 120, 160: w/ Gas engine	625	2	153-5690	8C-3629
Diesel (65-64)	900	8D	153-5720	101-4000
1973-63 300D, -G, 400B, 403: Gas, Ford Diesel	410	27	153-5656	8C-3601
Diesel, all other engines	900	8D	153-5720	101-4000
1973-58 310, 314, 315, 318, 411AD: Diesel	900	8D(1,2)	153-5720	101-4000
Road Wideners				
1963-52 Diesel	900	8D	153-5720	101-4000
1962-52 All: Gas	600	2	153-5690	8C-3629
1965-63 All: Gas	900	8D	153-5720	101-4000
1965-52 Diesel	900	8D(1,2)	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

Refer to page 57 for explanation of Industrial Equipment replacement footnotes.

INDUSTRIAL EQUIPMENT

GAR WOOD — GOMACO CORPORATION



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Shovels & Truck Cranes				
1962-58 All shovels w/ Gas engines; 75BT, 100BT: Gas	625	2	153-5690	8C-3629
1965-58 All other engines	900	8D(1,2)	153-5720	101-4000
GARDNER-DENVER CANADA, INC.				
Compressors				
1961-58 RP-85GA, -125GA, -GB, -GC, -GD, -GE	525	2E	8C-3632 Δ	—
RP-125DA, RP-210DA	385	1B	153-5700 ∞	9X-9720 ∞
1961-59 RP-125DA, -DB, -DC	450	30H	3T-5760	115-2422
1961-57 RP-125GA, -GB, -GC, -GD, -GE, RP-210GA, -GB	525	2E	8C-3632 Δ	—
1973-57 RP-210DA, -DB, SP-250DB, -GA, -265DA	640	4D(1,2)	153-5700	9X-9720
1973-56 All RP-365, 600, 900, SP600, 900, 1200 models	900	8D(1,2)	153-5720	101-4000
1977-61 SP-125GA, -GB, -GC, SPCDA, SPHGB	410	27	153-5656	8C-3601
1975-61 SP-125UGA, -IUGB, -UGC, SPCGA	350	3EE	8C-3620	—
1985-63 All SP-150 models	720	5D(2)	8C-3633	8T-9733
1973-61 SP-250DA	500	30HR	3T-5760	115-2422
1973-61 SP-250DC, -265DB, -365DB	900	8D(1,2)	153-5720	101-4000
1981-73 SPCGB, SPFGA, SPEVC-A	285	24	153-5656	3T-5857
1981-76 SPFDC, SPHDC, SPHDD, SPHDE, SPERC-A	640	4D	153-5700	9X-9720
1975-73 SPHGA	410	27	153-5656	8C-3601
1978-73 SPQDA, SPQDC, SPQDD, SPTDA, SPTDC, SPTDD, SPWDA, SPWDB, SBWDC, SP600DK, SPK8, DPND8	900	8D(2)	153-5720	101-4000
1982-78 SPKTK-A, SPNTN-A	900	8D	153-5720	101-4000
1982-78 SAQTQ-A, SAQTR-B, SAUTT-B, SAUTW-B, SAWTX-B	900	8D(2)	153-5720	101-4000
1982 D150QJD, D190QJD, G150GIH, G190QIH	360	24(2)	153-5656	3T-5857
GARRETT ENUMCLAW CO.				
ENUMCLAW				
Log Skidders, Sawmills & Tractors				
1968-63 10, 20, 21, 20TF	500	1(1,2)	8C-3617	8T-9734
1973-61 15TF: Gas 12-volt, Diesel 6-volt	300	3EE	8C-3620	—
Gas 6-volt	450	2E	8C-3632 Δ	—
1968 30TF	250	29NF(4)	3T-5858 π	9X-1382 π
1975-69 21A	650	2(2)	153-5690	8C-3629
1972-69 21B, 22	545	30H(2)	3T-5760	115-2422
1975-68 25, 30, 30A, 30TF; 12PSM-2, PSM-2	880	8D(1,2)	153-5720	101-4000
GEHL COMPANY (IC GROUP)				
Formerly "TCI POWER PRODUCTS, INC."				
Bucket Loader				
1982-70 551A	300	22F	3T-5859	9X-1384
1986-82 552	545	30H	3T-5760	115-2422
Forklifts & Motor Graders				
1989-80 H4M40, Herculift 40, 50; 727, 747	545	30H	3T-5760	115-2422
1983-80 H4M50, H4M80	400	27F(2)	8C-3602	143-4084
Placement Machine				
1989-83 DM52, DM54, 546 (D4P60), 576 (D4P63)	750	4D	153-5700	9X-9720
1989-78 543 (D4P73), 544A, 548, 549, D4P80, D4P100	1000	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Skid Loaders				
1995-83 3310, 3410, 3725, 4525	440	45	—	—
1995-91 3825	650	24	153-5656	3T-5857
1998-91 4625, 5625, 6625, 5635, 6635	950	31	175-4390	—
GETMAN CORPORATION				
Articulated Drill & Ore Carriers				
1993-76 640-DJC, 800-DJC, 1200-DJC; 644, 1248	760	4D(1,2)	153-5700	9X-9720
1993-81 Optional	380	30H	3T-5760	115-2422
Articulated Utility Carrier & Utility Cruiser				
1993-75 A-64, R-42, -62	760	4D(1,2)	153-5700	9X-9720
Low Profile Utility				
1993-82 200, 220	760	4D(1,2)	153-5700	9X-9720
Mining Trucks & Utility Cruisers				
1970-47 D-52, -70, JN-52, KD-2, -3, N-12, -50, -52	420	24	153-5656	3T-5857
1967-57 D-52, -70, KD-2, -3	375	27	153-5656	8C-3601
1970-50 T-52, T-70, WN-12	500	24	153-5656	3T-5857
1990-63 AD-1025, Trimmer B-500, KD-6	760	4D	153-5700	9X-9720
1977-63 Dispatch	465	27	153-5656	8C-3601
1967-63 Optional	790	4D	153-5700	9X-9720
1990-66 Univ. III, Medi-Bore, Fuel Truck, Lube Truck M-64-L	760	4D	153-5700	9X-9720
1992-71 Pipe Hanger M-64-PH, Scaler S-300, R-42, -62	760	4D(1,2)	153-5700	9X-9720
GOMACO CORPORATION				
Cold Planers & Conveyors				
1991-79 Scaraplane I, II	840	8D(1,2)	153-5720	101-4000
1991-75 RC	545	16TF	—	—
1986-75 Optional	390	24	153-5656	3T-5857
Curb & Gutter				
1998-90 CC-1200	515	24	153-5656	3T-5857
1998-96 GT-3200	900	24	—	—
1998-87 GT-3300, GT-3600	625	31	175-4370	175-4390
1992-75 GT-6000, GT-6200	545	16TF	—	—
1998-75 GT-6300, BP-6400	850	8D	153-5720	101-4000
1991-83 EC-1000	235	U1	8C-3636	—
Finishers				
1998-75 C-450	235	U1(2)	8C-3636	—
1998-92 C-650	900	24	—	—
1991-82 C-650 2-cyl., RP-510	390	24	153-5656	3T-5857
1991-80 C-650 3-cyl., LS-300, HW-165	545	16TF	—	—
1998-91 C-700: Carriage	235	U1	8C-3636	—
Console	515	24	153-5656	3T-5857
1998-83 SL-450: 12hp, 16hp	235	U1	8C-3636	—
1998-90 20hp	235	U1(2)	8C-3636	—
Grade Trimmers & Pavers				
1998-78 8500B, GT8500, 9000, 9500, HW-165, -165B	850	8D(1,2)	153-5720	101-4000
1984-78 C-450	200	U1	8C-3636	—
1986-75 C-650, -650F, -650S, RP-510	390	24	153-5656	3T-5857
1998-80 GP-2000, -2500, -2500B, -3000, -3500, -4000, -5000	850	8D(1,2)	153-5720	101-4000
1998-93 GHP-2800, GP-2600	1150	8D	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Placers/Spreaders				
1991-85 PS-30	545	16TF	—	—
1991-85 PS-48	850	8D	153-5720	101-4000
1998-90 PS-60, PS-2600	1150	8D	153-5720	101-4000
Texture/Cure				
1998-92 TC-400, TC-600 Deutz Eng.	900	24	—	—
1994-83 All Others	545	16TF	—	—
Leaf Collectors & Scavengers				
1953 All models	525	1	8C-3617	8T-9734
GORDON SMITH & CO				
See "SMITH, GORDON & CO."				
GRADALL COMPANY				
Formerly "WARNER & SWASEY"				
Fork Lifts				
1997-91 522, 524, 532C-6; 534C-6, -6T, -9, -10, 534D-6, -6T, -9, -10	825	31	175-4390	—
1994-80 532: Diesel; 534B: Gas, Diesel	600	27(1,2)	153-5656	8C-3601
1983-75 534: Diesel	620	31(2)	175-4370	175-4390
1992-80 542: Gas, Diesel (Requires 2 batts.)	600	27(1,2)	153-5656	8C-3601
1993-84 544: Diesel; LPR-60	600	31	175-4370	175-4390
1993-75 552, 554: Diesel; LT60, MT80	600	27(1,2)	153-5656	8C-3601
1997-96 544C-10, 544D-10	810	34	127-0826 Y	—
Truck Engines				
1993-85 G-660, G-660E, G-880E	600	27F(1,2,3)	8C-3602	9X-1382
1985-69 Optional	1115	8D	153-5720	101-4000
1984-83 Optional	510	30H	3T-5760	115-2422
1989-85 G-880	600	24F(3)	3T-5858	9X-1382
1993-72 G-880, G3R	1115	8D	153-5720	101-4000
1985-80 G-1000	900	8D(2)	153-5720	101-4000
1985-83 G3W	510	30H	3T-5760	115-2422
1985-81 Optional	1115	8D	153-5720	101-4000
1993-85 G3WD, XL-4100, XL-5100	810	31(2)	175-4370	175-4390
Upper Engines				
1997 XL-2200	810	31	175-4390	—
1993-72 G-660, G-880: All; G3W	1115	8D	153-5720	101-4000
1986-59 G-1000	520	30H(2)	3T-5760	115-2422
1998-97 XL-2200	810	31	175-4370	175-4390
1998-92 XL-4000, XL-5000	800	31(2)	175-4370	175-4390
GRIMMER SCHMIDT CORP.				
Portable Air Compressors				
1990-88 35G	225	U1	8C-3636	—
1997-84 100D, 100Q, 125D	625	31	175-4370	175-4390
1995-82 105Q, 125Q, 175QG	390	71	156-5660 Ω	7X-6100
Optional	500	73	156-5660 Ω	7X-6100
Optional	625	31	175-4370	175-4390
1995-82 150D, 150Q, 165CNG, 160D, 175Q, -QD, 185D	625	31	175-4370	175-4390
Optional	390	71	156-5660 Ω	7X-6100
Optional	500	73	156-5660 Ω	7X-6100
1998-89 185D, 185DR	625	31	175-4370	175-4390
1995-85 H190D, 190JD, 250DR, 250MD, 260D, 275D, 345D, 375D, 375DR	625	31(1,2)	175-4370	175-4390
1995-81 425TT, 600TT, 636-31B, 800D, 903-41B, 1300D	625	31(1,2)	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
R. A. HANSON CO., INC.				
Canal Excavators & Canal Jumbo				
1979-77 RW 303 (6 batts.), HT428C (2 batts.)	975	8D(2, 6)	153-5720	101-4000
1979-77 JCJ48	410	24	153-5656	3T-5857
Canal Pavers & Trimmer				
1979-77 S31, S48, HS-28C, T448	975	8D(1,2,4)	153-5720	101-4000
1979-77 RTS16, RTS17	410	24	153-5656	3T-5857
Conveyor & Stacker				
1979-77 C42-330, ST110	975	8D(2)	153-5720	101-4000
1979-78 "A" Frame Hoist & Moving Dolly	410	24	153-5656	3T-5857
Excavators & Fine Graders				
1979-77 15, E212, 512 61 & 62	975	8D(2)	153-5720	101-4000
Hydraulic Transporter & Truck Unloader				
1980-79 Hoist, TU 14 & 2	975	8D(1,2)	153-5720	101-4000
HARVESTER				
See "INTERNATIONAL HARVESTER"				
HAULPAK DIVISION				
KOMATSU DRESSER COMPANY, KOMATSU Formerly "WABCO," "J. D. ADAMS"				
Coal Haulers				
1975-63 CFA-2, -17, BFA-10, -13	500	30H	3T-5760	115-2422
1964-59 CFA-4, LW-90	350	60	—	—
Dump Trucks				
1988-63 AFH-26, -33, BFA-3, -5, -6, -9, -12, -15, -17, -21	545	30H(1,2)	3T-5760	115-2422
1987-79 BFA-22, -23	900	8D(2)	153-5720	101-4000
1988-80 BFA-24, -25, -27; BFA-30, -34: Air start	545	30H(2)	3T-5760	115-2422
1988-75 BFA-30, -34: Electric start; BFA-32, -33, -36, -39	900	8D(2)	153-5720	101-4000
1975-63 CFA-3, -19, CFF-3	900	8D(2)	153-5720	101-4000
1975-63 CFA-5, -10, -14; CFA-8, -9, -19: Air start	545	30H(1,2)	3T-5760	115-2422
1988-60 CFA-20, -21, -22, -23, LW-22, -27, -32	900	8D(2)	153-5720	101-4000
1962-60 LW-60	350	60	—	—
1997-87 140M, 210M, 385M: Electric start	900	8D(2)	153-5720	101-4000
1997 530M: Electric start	900	8D(4)	153-5720	101-4000
1995-88 325M: Air start	545	30H(2)	3T-5760	115-2422
Dump Trucks: Electric Drive				
1997-88 445E, 510E, 630E, 685E: All Air Start	580	30H(2)	3T-5760	115-2422
1997-88 All Above and 730E: Electric Start	935	8D(4)	153-5720	101-4000
1997-88 830E: Air Start	580	8D(2)	153-5720	101-4000
Electric Start	935	8D(4)	153-5720	101-4000
1997-96 930E: Electric Start	935	8D(4)	153-5720	101-4000
1997-96 All except above	580	30H(2)	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

HAULPAK DIVISION — HYSTER COMPANY



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Electric Trucks				
1975-67 AFE-5	900	8D(2)	153-5720	101-4000
1980-72 AFE-6, -8, -10, -12, -13, -14, -15, -17, -19	545	30H(2)	3T-5760	115-2422
1988-72 AFE-20, -21, -22, -25, -27, -28, -29	545	30H(2)	3T-5760	115-2422
1986-82 AFE-34, -35, -36, -37, -38, -39, -40, -41	545	30H(2)	3T-5760	115-2422
1995-88 445E, 510E, 630E, 685E, 830E: Air start:	545	30H(2)	3T-5760	115-2422
1995-88 445E, 510E, 630E, 685E, 830E: Electric start	900	8D(4)	153-5720	101-4000
Motor Graders				
1975-46 All except w/ Cummins C-160B1 engine	750	4(2,4)	8C-3633	8T-9733
w/ Cummins C-160B1 engine	680	7D(2)	8C-3635	8T-9731
1981-70 444, 44T, 555	680	7D(2,4)	8C-3635	8T-9731
Scrapers				
1981-75 101-F, 101-G	775	4D(2)	153-5700	9X-9720
1978-75 111-A	450	1(4)	8C-3617	8T-9734
1981-75 333-, 339-F, 252-, 259-, 333-, 353-F	900	8D(2)	153-5720	101-4000
1981-76 CM50 Crane, 222-, 229-G	900	8D(2)	153-5720	101-4000
Speedpulls & Tournapulls				
1964-59 BK2, CKF3; All except "D" models	850	8D(1,2)	153-5720	101-4000
1973-59 "D" models	500	1(4)	8C-3617	8T-9734
Tournatractors & Travel Loaders				
1972-59 C, CW	500	1(4, 8)	8C-3617	8T-9734
1960-50 30: DD 4-51	750	4(2)	8C-3633	8T-9733
IHC engine	660	2	153-5690	8C-3629
HAWKER SIDDELEY CANADA, INC.				
See "TREE FARMER EQUIPMENT CO., INC."				
HEIN-WERNER CORPORATION				
See "AKERMAN HW, INC."				
HIGHWAY EQUIPMENT CO.				
Fertilizer & Aggregate Spreaders				
1975-60 All 6-volt systems	440	1	8C-3617	8T-9734
1993-62 "H" Aggregate, "E", "P" Sand & Salt 3T-5857	250		24	153-5656
1971-60 L-20, -30, H&E, SM-5, -8	250	24	153-5656	3T-5857
1993-91 Aerospread	600	30H	3T-5760	115-2422
Tender				
1993-82 LT-6, LT-8, LT-10, LT-16	250	24	153-5656	3T-5857
HITACHI CONSTRUCTION MACHINERY				
Excavators				
1989-86 EX100, EX100WD, EX150	580	4D(2)	153-5700	9X-9720
1989-88 EX400, EX1000, EX1800, EX3500	1150	8D(2,4,6)	153-5720	101-4000
1989-75 UH122, -172, -20, -30, -14, -171, -261, -501, -801	950	8D(2)	153-5720	101-4000
1989-84 EX270, UH123, UH181	1000	4D(2)	153-5700	9X-9720
1985-75 UH07, UH07-3, UH09, UH081, UH082	790	4DLT(2)	153-5700 Δ	8C-3622
1989-84 UH083, EX200	670	4D(2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
HOUGH DIVISION				
See "INTERNATIONAL HOUGH DIVISION"				
HUBER ESSICK				
See "ESSICK MAYCO"				
HY-DYNAMIC DIVISION				
INTEGRATED LOADER				
Backhoe-Tractor				
1979-64 A, 140	375	3EE	8C-3620	—
1962-60 A & C	690	3(4)	153-5690	8C-3630
1969-63 A & C, 120, 130	305	24(1,2)	153-5656	3T-5857
1984-65 A & C, Series 3: 140, 160, 190, 190-4, 1900	385	30H(2)	3T-5760	115-2422
1984-68 Series 3: 200-4	975	8D	153-5720	101-4000
Excavators & Hydraulic Cranes				
1973-72 220E	975	8D	153-5720	101-4000
1975-66 All except below	800	30H(2)	3T-5760	115-2422
250 w/ Waukesha engine	545	2(2)	153-5690	8C-3629
HYSTER COMPANY				
COMPACTION AMERICA				
Cranes				
1979-74 K200, K250, K300, D360, K400	935	8D	153-5720	101-4000
Compactors: Embankment & Pneumatic				
1999-94 C530A, AH, C5330A	900	31	175-4390	—
1997-93 C560A	610	NA	—	—
1987-73 C440-441A, C450-455B (Req. 2 batts.)	900	8D(1,2)	153-5720	101-4000
1993-75 C530A: Gas	425	3ET(2)	8C-3620	—
1975-67 C530A: Gas	335	24	153-5656	3T-5857
1976-69 C550A, C550A: Diesel	975	8D	153-5720	101-4000
Optional	385	3ET(2)	8C-3620	—
1994 C530A	900	31	175-4390	—
Compactors: Vibratory				
1997-96 C855/857A	900	31	175-4390	—
1987-62 C200B, C210A: Gas	385	24	153-5656	3T-5857
Diesel	560	2(2)	153-5690	8C-3629
1975-68 C250A, -225A, -610A, -615A	900	8D	153-5720	101-4000
1989-72 C610B, -612B, -615B, -620B, -625B	425	3ET(2)	8C-3620	—
1987-72 C620A, -625A, -617B, -627B, -727A, -747A	425	3ET(2)	8C-3620	—
1999-87 C748, -754A, -766A, -B, -C, -778A, -778B	900	31	175-4390	—
1999-94 C810/812A	580	24	153-5656	3T-5857
1999-88 C820/822A, C830/832B, C850/860B	900	31	175-4390	—
1987-84 C830/832A, C850/860A	460	30H(2)	3T-5760	115-2422
1999-92 C850/852B, C855/857A	900	31	175-4390	—
Rough Terrain Lift Truck				
1984-83 A-66: Gas, Diesel (Requires 2 batts.)	330	29NF(1,2)	3T-5858 π	9X-1382 π
1987-83 P-40A-50A: Gas	335	24	153-5656	3T-5857
1987-83 P-40A-50A: Diesel	460	30H	3T-5760	115-2422
1989-83 P-60A-80A: Gas	425	3ET	8C-3620	—
1989-83 P-60A-80A: Diesel	290	3EE(2)	8C-3620	—
1990-88 Z-60A, -70A, -90C	900	31	175-4390	—
1990-83 Z-80A, Z-90 A & B: Gas, Diesel (Requires. 2 batts.)	330	29NF(1,2)	3T-5858 π	9X-1382 π

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

HYSTER COMANY — INTERNATIONAL HARVESTER

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Steel Propelled Aerial Work Platform				
1987-79 M-18FW Electric	545	16TF(2)	—	—
1987-79 T-30, T-40NA	370	30H	3T-5760	115-2422
1987-76 T-40, -60B, -70B, V-18A, -18NA Electric; V-24: Electric	110min	GC2(2,4,8)	8C-3641	—
1987-77 V-24, V-30A, V-36A; V-30B, V-36B: Gas	385	24	153-5656	3T-5857
Steel Wheel Rollers				
1987-82 C330A: Gas	460	30H	3T-5760	115-2422
1985-75 C330A: Gas	380	24	153-5656	3T-5857
1997-75 C330B, C340C, 350D	900	31	175-4390	—
1987-73 C340A, C350B, C340B, C350C: Gas	380	24	153-5656	3T-5857
1987-75 Diesel	385	3ET(2)	8C-3620	—
Trailers				
1976-69 RGH, RFH	305	3EE	8C-3620	—
1989-76 RGH, HFR, CRG, CHF; All power pack equipped	225	22NF	3T-5859 ∞	9X-1384 ∞
INGERSOLL-RAND CO.				
Portable Air Compressors				
D-Series:				
1977-41 D125, D150, D175, DF125, DF150, D-60 DeLuxe	570	2(2)	153-5690	8C-3629
1987-71 D200, D1750, D2000	990	8D(2)	153-5720	101-4000
1979-52 D750, DL-600, -900, -1200, DR-210, -315	775	4D(1,2)	153-5700	9X-9720
1977-74 DFF150	315	24	153-5656	3T-5857
1975-53 DR-125, -150, 105, DRA-, DRB-125, DRR-160	570	2(1,2)	153-5690	8C-3629
1988-52 DR220, -250, -365, -600, -900, DXL600A, -600AH	775	4D(1,2)	153-5700	9X-9720
1977-70 DRRF160, DDRD160, DXL175, DXLGM-175	595	2(2)	153-5690	8C-3629
1988-76 DXL600H, -HCA, -APCA, -BH, -PP	775	4D(2)	153-5700	9X-9720
1979-70 DXL600H, DXL750, DXL850, DXLCA1200	990	8D(1,2)	153-5720	101-4000
1988-70 DXL700ACA, -700B, -750, -750A	775	4D(2)	153-5700	9X-9720
1988-76 DXL750APCA, -750BP, DXL850, DXLCA750	775	4D(2)	153-5700	9X-9720
1988-70 DXL850A, -850ACA, -850B, 850H, -CA850	775	4D(2)	153-5700	9X-9720
1988-70 DXL900, -1100H, -1200, -1400,	775	4D(2)	153-5700	9X-9720
1979-70 DXLCU900, -1050, -500	775	4D(2)	153-5700	9X-9720
G-Series:				
1978-71 G105, -125, -150, -150B, -175, GH85, -160	315	24	153-5656	3T-5857
1957-52 GR-105, -125, -210, -315	600	2	153-5690	8C-3629
1977-58 GR-85, -125, -150, -210, -250, -315,	315	24	153-5656	3T-5857
1975-52 GR600, IKQ-415	775	4D	153-5700	9X-9720
1977-58 GIH160, GXL-175, GRA-, GRB-125, GRR-85, -160	315	24	153-5656	3T-5857
H-, I-Series:				
1988-58 All Models	775	4D(1,2)	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Portable Air Compressors (continued)				
P-Series:				
1982-78 P100WD	630	30H	3T-5760	115-2422
1988-78 P100WW, -AWW, -AWWU, P100BWW, P100WF	525	27	153-5656	8C-3601
1988-82 P100AWD, -BWD, -CWD, P110AWD, -BWD, -CWD	630	30H	3T-5760	115-2422
1987-86 P100WJU, P100WJDU	525	27	153-5656	8C-3601
1988-81 P125AWD, -AWJD, -BWD, -WJD,	630	30H	3T-5760	115-2422
1988-78 P125AWW, -BWW, -WFW, -WJDU, -WF, -WW	525	27	153-5656	8C-3601
1988-81 P130WJD, P130AWJD, P150AWD	650	30H	3T-5760	115-2422
1988-81 P150AWW, P160AWW, -AWWU, -WFW, -WJDU	525	27	153-5656	8C-3601
1988-80 P150BWD, -WD, -WJD, P160WJD, -AWJD	630	30H	3T-5760	115-2422
1988-78 P175ASD, -AWD, -BWD, -WD	630	30H	3T-5760	115-2422
1987-78 P175AWDU, -WDU	620	27	153-5656	8C-3601
1988-81 P175AWW, -WWU, -WFW, -WJDU, -WW	525	27	153-5656	8C-3601
1988-81 P185ASJD, -AWJD, -BSJD, -BWJD	630	30H	3T-5760	115-2422
1988-78 P185AWW, P185WW	525	27	153-5656	8C-3601
1988-78 P185WJD, P250WD, -AWD, -SGM	630	30H	3T-5760	115-2422
1988-78 P300SGM, -WGM, P335SD, -WD	630	30H	3T-5760	115-2422
1988-78 P375SD, -WD, P425SGM, P325WGM	775	4D	153-5700	9X-9720
1987-77 P450SCAT	525	27(2)	153-5656	8C-3601
1988-77 P700AWGM, -BWGM, -CWGM,	775	4D(2)	153-5700	9X-9720
1988-81 P850WGM, -AWGM, -BWGM, P900WCU	775	4D(2)	153-5700	9X-9720
1988-77 P1100WGM, -AWGM, -BWGM, P1600WGM	775	4D(2)	153-5700	9X-9720
X-Series:				
1988-77 All except XP175WJD	775	4D(2)	153-5700	9X-9720
1982-78 XP175WJD	630	30H	3T-5760	115-2422
INGRAM MFG. CO.				
Brooms				
1979-69 X-1, XX-7, XX-23	360	27(2)	153-5656	8C-3601
Rollers: Pneumatic-Tired, Tandem, 3-Wheel Road				
1990-61 All (may require 2 batts.)	630	27(1,2)	153-5656	8C-3601
1990-87 4-6, 5-6, 11-2700, R, RA, 13-2300, R, RA, 9-2800P, 9-3400P, -PA, -PB, 9-5500SB, 9-6000-SA, 9-6600SB	630	30H	3T-5760	115-2422
INSLEY MANUFACTURING				
Excavators & Shovels				
1985-73 All	900	8D(1,2)	153-5720	101-4000
1973-61 6-volt	800	4D(1,2)	153-5700	9X-9720
1973-63 12-volt	900	8D(1,2)	153-5720	101-4000
1961-50 All models	815	4(1,2)	8C-3633	8T-9733
Lift Trucks				
1971-61 All except below	340	24	153-5656	3T-5857
1970-68 640	525	2	153-5690	8C-3629
1971 640D	650	3	153-5690	8C-3630
INTERNATIONAL HARVESTER				
Additional equipment listed in the Farm Equipment section.				
Balers				
1961-52 All models	445	1	8C-3617	8T-9734

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

INTERNATIONAL HARVESTER — INTERNATIONAL HOUGH DIVISION



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Dump Trucks				
1967-56 All models	900	8D(2)	153-5720	101-4000
Optional	660	2(4)	153-5690	8C-3629
Crawler Tractors				
1962-41 T-6: 61 Series, T-9, T-14, TD-14 thru TD-15	800	4(1,2)	8C-3633	8T-9733
1968-59 T-6: 62 Series	375	24	153-5656	3T-5857
1968-41 TD-6, T-9, TD-15B	600	2(1,2)	153-5690	8C-3629
1968-41 TD-6: 61 & 62 Series, TD-9, TD-9B	625	3(1,2)	153-5690	8C-3630
1968-42 TD-18 thru TD24TC	800	4(2,4)	8C-3633	8T-9733
1962-59 TD-25	900	7D(4)	8C-3635	8T-9731
1967-62 TD-25B, TD-30	900	8D(2)	153-5720	101-4000
1962-59 T-340	500	1	8C-3617	8T-9734
1968-62 T-340A	300	22NF	3T-5859 ∞	9X-1384 ∞
1968-61 TD-340, -340A	525	27	153-5656	8C-3601
Harvester Threshers & Cotton Pickers				
1961-52 20-C, 101, Self-propelled models	690	3	153-5690	8C-3630
1961-52 64, 64HT, 76, 140	445	1	8C-3617	8T-9734
1961-59 Self-propelled models	315	24	153-5656	3T-5857
Power Units				
1960-47 U-1, -2, -2A, -4, -123, -175, Y-164	445	1	8C-3617	8T-9734
1967-56 U-308, UB-220, -264	315	24	153-5656	3T-5857
1967-53 U-372, -450, -501	375	27	153-5656	8C-3601
1966-57 UC-60, UC-135	340	1	8C-3617	8T-9734
1967-58 UC-60, -135B, -153, -221, -263, -301	315	24	153-5656	3T-5857
1967-53 UD Series ex. below	690	3(2)	153-5690	8C-3630
UD-18A, -24, -691, -1091; UDT-1091, 429, -573	840	4(2,4)	8C-3633	8T-9733
1967-59 UD, UDT-817	900	8D(2)	153-5720	101-4000
1967-57 UR-372, -450, -501; UV-401, -461, -549	375	27	153-5656	8C-3601
Prime Movers & Self-Propelled Scrapers				
1965-60 All ex. below	900	8D(2)	153-5720	101-4000
2T-70	660	2(4)	153-5690	8C-3629
1960-55 2T-55, -75	880	6D(2)	153-5700	9X-9720
INTERNATIONAL HOUGH DIVISION				
HOUGH DIVISION DRESSER INDUSTRIES, INC. Construction Equipment				
Crawler Tractors				
1975-70 TD-7C, -8C, -100C, -125C	650	4EH(2)	8C-3632	—
1984-83 TD-7E, TD-8E, TD-100E, 125D, -E	700	31	175-4370	175-4390
1982-80 All	525	24(2)	153-5656	3T-5857
1979-75 All	645	2(2)	153-5690	8C-3629
1984-80 TD-12, TD-15C, 175C	500	28(2,4)	153-5656 ≠	3T-5857 ≠
1979-72 All	650	2(2)	153-5690	8C-3629
1974-70 TD-20C	800	4D(2)	153-5700	9X-9720
1984-83 TD-20E	700	31(2)	175-4370	175-4390
1982-78 TD-20E	500	31(4)	175-4370	175-4390
1984-75 TD-20E, SB-85, SE-85	880	8D(2,4)	153-5720	101-4000
1984-78 TD-25E, 250C	500	28(2,4)	153-5656 ≠	3T-5857 ≠
1983-80 TD-40, 240A H.S., 250A H.S., 280A, 4500 Forklift	625	31(1,2,3)	175-4370	175-4390
1983-80 240A T.C. & G.D., 250A T.C. & G.D., 260A, 270A	550	24(1,2)	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Loaders				
1966-47 HA: Gas	545	1	8C-3617	8T-9734
1975-67 HA: Gas	365	24	153-5656	3T-5857
1966-48 Diesel	790	4(2)	8C-3633	8T-9733
1975-67 Diesel	570	30H	3T-5760	115-2422
Opt. Diesel	315	24	153-5656	3T-5857
1959-55 HADC	790	4(2)	8C-3633	8T-9733
1966-60 HAH, -E, HE	540	1	8C-3617	8T-9734
1975-67 HAH, -E, -F	365	24	153-5656	3T-5857
1961-49 HMD, HOD, HOG, HR, HRD, H-12	790	4(1,2,4)	8C-3633	8T-9733
HMD after S.N. 91275	630	2(4)	153-5690	8C-3629
1980-58 H-25B, -30B: Gas; -50B, -50C: Gas, Diesel	370	24	153-5656	3T-5857
1962-58 Diesel	630	2(2)	153-5690	8C-3629
1980-63 Diesel	545	30H	3T-5760	115-2422
1977-66 H-30B, -50C: Diesel	975	4(1,2)	8C-3633	—
1965-63 GM eng.	900	7D(2)	8C-3635	8T-9731
1967-63 GM ex. above, IHC	840	4(2)	8C-3633	8T-9733
1965-61 H-60, H-65B: Gas	340	24(2)	153-5656	3T-5857
Diesel	790	4D(2)	153-5700	9X-9720
Optional	900	7D	8C-3635	8T-9731
1980-66 H-60, -E, -65, -65C	830	3EH(4)	8C-3632	—
1961-58 H-70, -90: Gas, Diesel	790	4(2,4)	8C-3633	8T-9733
1980-62 H-70C: Diesel; H-80B	790	4D(2)	153-5700	9X-9720
GM eng.	900	7D(2)	8C-3635	8T-9731
1975-64 H-90, 90C, -100, -120B, -120C Series	900	7D(1,4)	8C-3635	8T-9731
1980-69 H-90E: Diesel	900	8D(2)	153-5720	101-4000
1980-69 H-100C: Diesel	975	4(4)	8C-3633	—
1975-66 H-120, -120E	880	7D(4)	8C-3635	8T-9731
1980-67 H-400, -400C	900	8D(4)	153-5720	101-4000
1974 303, 403: Gas; 815, 915	340	24	153-5656	3T-5857
1974 403: Diesel	650	2(2)	153-5690	8C-3629
1984-76 510, -B	590	27(2)	153-5656	8C-3601
Optional	625	31(2)	175-4370	175-4390
1984-79 515, -B, 520B, 530	625	31(2)	175-4370	175-4390
Optional	590	27(2)	153-5656	8C-3601
1984-81 540	1000	4D(4)	153-5700	9X-9720
1984-81 550, 560B	470	28(4)	153-5656 ≠	3T-5857 ≠
1980-75 560	900	8D(2)	153-5720	101-4000
1984-81 570, 580	625	31(2,6)	175-4370	175-4390
Paymovers				
<i>Some may require spl. Ordnance 2H or 6TL.</i>				
1962-60 All models	630	2(1,2)	153-5690	8C-3629
Optional	315	24	153-5656	3T-5857
Optional	525	2E	8C-3632 Δ	—
Scrapers & Skidders				
1969-66 E-200, E-211	650	3(4)	153-5690	8C-3630
1980-70 E-200, -211, -270, 270, 412, 431, 433, 442, 444	650	2(4)	153-5690	8C-3629
1984-81 412, 412B, 431, 433, 442, 444; S-8B, S-10B	625	31(2)	175-4370	175-4390

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
IOWA MANUFACTURING CO.				
<i>After 1967, see "CEDARAPIDS, INC."</i>				
Asphalt Plants, Material Handling Rock Crushing, Screening, Washing Equipment				
<i>Some may require spl. 8-volt battery.</i>				
1961-56 Allis-Chalmers U318	550	1	8C-3617	8T-9734
1961-56 Buda	790	4	8C-3633	8T-9733
1960-52 Case: D.E.	880	7D(1,4)	8C-3635	8T-9731
S.E.	550	1	8C-3617	8T-9734
	630	2	153-5690	8C-3629
1961-52 Cat.: Continental: B-427	880	5D(1,4)	8C-3633	8T-9733 Y
1961 D-326F, -337F, -342C	900	7D(4)	8C-3635	8T-9731
F-124, -162, -226, Y-91	600	1	8C-3617	8T-9734
1961 F-162, -226, -244, GD-157, M-271, Y-91	790	4(1,2)	8C-3633	8T-9733
1960-56 F-244, M-271, R-602	630	2(1,2)	153-5690	8C-3629
1961-52 HD-260, HD-277, PR-501, R-602, Cummins eng.	880	7D(1,2,4)	8C-3635	8T-9731
1961-56 M-330	790	4	8C-3633	8T-9733
1961-56 GM	880	7D(2,4)	8C-3635	8T-9731
1961-56 IHC: U-123, -175, -220, UC-60, -221, -263, UD-135	550	1(1,2)	8C-3617	8T-9734
1960-56 U-264, -264-6, -281	630	2	153-5690	8C-3629
1961-56 U-308, -372, -406	790	4(1,2)	8C-3633	8T-9733
1961-57 U-450, UD-1091, UDT-1091	865	5D(2)	8C-3633	8T-9733 Y
1961-58 U-501, UD-817, UDT-817	880	7D(2,4)	8C-3635	8T-9731
1961-56 UD-14A, -281, -350	630	2(2)	153-5690	8C-3629
1961-52 UD-18A, -236, -282, -370, -525, -554, -691	790	4(2)	8C-3633	8T-9733
1961-56 LeRoi, Minneapolis-Moline ex. below	550	1(1,2)	8C-3617	8T-9734
D-283-4A	790	4(2)	8C-3633	8T-9733
D425-6A	880	7D(2)	8C-3635	8T-9731
1960-57 800-6A	630	2(2)	153-5690	8C-3629
1961-60 800-6A	790	4(2)	8C-3633	8T-9733
1961-52 Murphy eng.	790	4(4)	8C-3633	8T-9733
THE JAEGER MACHINE CO.				
Portable Air Compressors Reciprocating Type				
1951-45 60, 75 to S.N. C-7622	525	2E	8C-3632 Δ	—
1952-50 75 from S.N. C-7623 to C-19632	525	1	8C-3617	8T-9734
1956-50 S.N. C-19633 and later	375	27	153-5656	8C-3601
1964-44 105, 125	630	2	153-5690	8C-3629
1956-44 160, 185, 210, 250	690	3(1,2)	153-5690	8C-3630
Optional	880	7D	8C-3635	8T-9731
1950-47 315, 365, 600	800	4(2)	8C-3633	8T-9733
Optional	900	8D(2)	153-5720	101-4000
Single Stage				
1960-57 75	550	1	8C-3617	8T-9734
1978-57 75, 85, 125, GV-160E, GS175	400	24	153-5656	3T-5857
1978-61 125, GS-175	390	27	153-5656	8C-3601
1972-71 GV-175: D-2300	650	2(2)	153-5690	8C-3629
G-2300	400	27(2)	153-5656	8C-3601
1978-62 DS-175, DS-750, 365, 600, 900	900	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Two Stage (continued)				
1968-61 125, 150 Ford Diesel, DD2-53	650	2(1,2)	153-5690	8C-3629
Optional	390	27	153-5656	8C-3601
Optional	315	24	153-5656	3T-5857
Optional	880	7D(2)	8C-3635	8T-9731
1978-62 F-226-7, G-193 engines	400	24	153-5656	3T-5857
HD-260	880	7D(2)	8C-3635	8T-9731
1978-62 250: Cont. B-427	800	4D	153-5700	9X-9720
Diesel: Ford, DD	800	6D	153-5700	9X-9720
Optional	880	7D	8C-3635	8T-9731
1967-55 365, 600, 900	900	8D(1,2)	153-5720	101-4000
J. D. ADAMS				
See "HAULPAK"				
J. I. CASE				
See "CASE, J.I."				
JOHN DEERE				
See "DEERE, JOHN"				
JOY MANUFACTURING CO.				
Portable Air Compressors				
1960-57 RP125G2 thru -G40	790	4	8C-3633	8T-9733
1967-60 RP-125G41 thru -G52	750	6D	153-5700	9X-9720
1975-56 RP-250D, -365D, -600D, -900D, -900D40	900	8D	153-5720	101-4000
1975-58 RP-250G, RPS-600D, -D22, -650, -750D, -800, -850	800	4D(1,2)	153-5700	9X-9720
1975-69 RPS-175 & 185: -DA20, -GA20	310	60(1,2)	—	—
1975-64 RPS-900D, -D30, -1000D, -1050D, -1200D, -B24, -1500D, -1600D	900	8D(2)	153-5720	101-4000
1975-69 RPV-100GA20, -160D21, -GA21, -185DA20, -GA20	310	60(1,2)	—	—
1967-54 WK8-0-75G	390	24	153-5656	3T-5857
KAWASAKI LOADERS, INC.				
Loaders				
1999-96 KSS50Z IV, KSS60Z IV	520	24(2)	153-5656	3T-5857
1997-95 KSS65 T/M, KSS65Z IV, KSS70Z IV, KSS80Z IV	740	4D(2)	153-5700	9X-9720
1997-95 KSS85Z IV, KSS90Z IV, KSS95Z IV, KSS115Z IV	975	8D(2)	153-5720	101-4000
1988-86 KSS60Z	400	27(2)	153-5656	8C-3601
1995-88 KSS60Z-III	520	24(2)	153-5656	3T-5857
1989-82 KSS65Z-III, KSS70BC, KSS70D	590	31(2)	175-4370	175-4390
1999-85 KSS65Z-III, -65Z-IV, -70BC, -70DC, -70Z-II, -III, -IV	740	4D(2)	153-5700	9X-9720
1999-77 KSS80C, -80CT, -80Z, -80Z-II, -III, -IV, -85Z, -85Z-IV	740	4D(2)	153-5700	9X-9720
1999-83 KSS90Z-III, -IV, -95Z, -95Z-II, -III, -IV	975	8D(2)	153-5720	101-4000
1999-85 KSS-110Z, -110Z-II, -110Z-III, -IV	975	8D(2)	153-5720	101-4000
KENWORTH MFG. CO.				
Industrial Tractors				
1967-62 200	800	4D(2)	153-5700	9X-9720
1967-62 300 thru 600, KT-17	900	8D(2)	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

KLAUER MFG. CO. — KOEHRING COMPANY



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
KLAUER MFG. CO.				
Rotary Snow Removers				
1997-94 WK-800	750	31(4)	175-4370	175-4390
1998-86 TU-3, MTR, TR-44, TR-52	750	31(4)	175-4370	175-4390
1988-83 TU-3, MTR	900	8D(2)	153-5720	101-4000
1998-88 MP-3D	750	31(2)	175-4370	175-4390
1988-83 MP-3D	475	31(1,2)	175-4370	175-4390
KOEHRING BOMAG U.S.A.				
See "BOMAG U.S.A."				
KOEHRING COMPANY				
BANTAM Formerly "WEST BRICK BUGGY"				
Construction Equipment Division (Includes PCM Division)				
1977-64 Skytrak, 450, 550, 610, 700, 710, 1510, 2000	350	29NF(1,2)	3T-5858 π	9X-1382 π
1977-70 4030 Skytrak	380	24(2)	153-5656	3T-5857
1978-71 5030, 6034 Skytrak: Gas	300	29NF	3T-5858 π	9X-1382 π
1981-77 Diesel	380	24(2)	153-5656	3T-5857
1973 8034 Skytrak: w/ Ford 361 engine	300	30H	3T-5760	115-2422
1981-73 GM 4-53; Cummins 378	935	8D(2)	153-5720	101-4000
1981-74 Light Towers	380	24(2)	153-5656	3T-5857
1981-74 Riding Trowel, Generator Sets	200	U1	8C-3636	—
MILWAUKEE DIVISION				
Excavators				
1975-53 205-2A, -2B, 218-1A, 220-1A, 225-1A all except Cat. D-320A engine	655	4(1,2,4)	8C-3633	8T-9733
w/ Cat. D-320A engine	935	8D(2)	153-5720	101-4000
1967-41 304-1A	790	4(1,2,4)	8C-3633	8T-9733
Optional	880	7D(2)	8C-3635	8T-9731
1975-58 305-1A, -1A Cruiser, 325-1A, 330-1A, -2A, 335-1A w/ Cat. A-C, Cummins engine	935	8D(2)	153-5720	101-4000
w/ DD, IHC, Waukesha, A-C engines	655	4(2)	8C-3633	8T-9733
1966-58 305-1A Cruiser: ex. Wauk. Waukesha	790	4(2)	8C-3633	8T-9733
	900	8D(2)	153-5720	101-4000
1979-62 366-1A, 445-1A, 405-2A, -2B, 450-1A	935	8D(1,2)	153-5720	101-4000
1979-62 545-1A, 550-1A: w/ A-C, Cat., Cummins engines	935	8D(1,2)	153-5720	101-4000
w/ DD, IHC, Waukesha engines	655	4(2)	8C-3633	8T-9733
1975-65 435-1A, 335-2A, 440-1A, -1A TC SP40-1A, 455-S: All ex. Waukesha eng.	935	8D(1,2)	153-5720	101-4000
w/ Waukesha engine	655	4(2)	8C-3633	8T-9733
1976-58 445-1A, 455-1A, 466-1A, -D, -DLS, -Logger	935	8D(1,2)	153-5720	101-4000
Optional	655	4(1,2)	8C-3633	8T-9733
1981-75 466E, -ELS, -ESR	775	4D(2)	153-5700	9X-9720
1985-61 505-1A, -1B, 535-1A, 566	975	8D(1,2)	153-5720	101-4000
1975-58 605A, -2A: w/ Cat. D-333A, D-342CNA eng.	935	8D(2)	153-5720	101-4000
w/ Cat. D-326F, DD 6-71 engines	655	4(1,2)	8C-3633	8T-9733
1985-67 665-1ASP, -1ATC, 666, -1A, -1B, -2A 666-D, 666D Logger, 666-E, -ELS, -ESR	975	8D(1,2)	153-5720	101-4000
1975-58 805-1A: w/ Cat. D-333A, Cummins engines	935	8D(2)	153-5720	101-4000
w/ Cat. D-342CNA, Waukesha WAK engines, GM	655	4(1,2)	8C-3633	8T-9733
1985-72 866, -D, 866D Logger, 866E	975	8D(2)	153-5720	101-4000
1985-58 1000-1B, 1066, -1A, 1266-D	975	8D(1,2)	153-5720	101-4000
Optional	790	4(1,2,4)	8C-3633	8T-9733

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Excavators (continued)				
1955-48 1005-1A	790	4(1,4)	8C-3633	8T-9733
Optional	880	7D	8C-3635	8T-9731
1981-55 1066C, -D, -E, 1166E; 1205-1A, -1B, 1295-1A	975	8D(2)	153-5720	101-4000
Cummins	880	7D(4)	8C-3635	8T-9731
Optional	655	4	8C-3633	8T-9733
1985-75 1166, 1266-D, 1466	975	8D(2)	153-5720	101-4000
Finishers & Pavers				
1975-58 TF-1A Finishers	450	1	8C-3617	8T-9734
1971-37 16E-1B, -1D, 34E-1B, -3A	655	4(2,4)	8C-3633	8T-9733
Cranes, Excavators & Shovel Units				
1966-61 54 Carrier	360	27	153-5656	8C-3601
1987-78 LCD-150, LRT-150, 180, 200, 220	625	31(2,3)SAE	3T-5760	115-2422
1989-78 LRT-150, -180, -200, -220, -230, -250, -275	625	31(2,3)SAE	3T-5760	115-2422
1989-85 MCH-140, -150, -180, -200, -230, -250, -275, -350	625	31(2,3)SAE	3T-5760	115-2422
1981-65 155-166, 206, 306 Carrier	935	8D	153-5720	101-4000
1985-81 166, 266	625	31(2)SAE	3T-5760	115-2422
1981-74 266, -C	760	4D(1,2)	153-5700	9X-9720
1965-61 206, 306 Carrier	360	27	153-5656	8C-3601
1988-79 LRT-, MCA-, MCH-275, LRT-330, MCH-300	625	31(3)SAE	3T-5760	115-2422
1984-61 304, -C, 306A, -C, -RR: w/ GM engine	935	8D	153-5720	101-4000
w/ Chrysler, Ford engines	360	27	153-5656	8C-3601
1978-61 350, C-, CR-, T-350: 6-volt	500	1(1,2)	8C-3617	8T-9734
12-volt: Cont. F-227 & other Gas engines	360	27	153-5656	8C-3601
12-volt: Diesel & GM 3-53, A-C D-262 eng.	935	8D	153-5720	101-4000
1985-74 366, -C	760	4D(2)	153-5700	9X-9720
1979-64 400 Carrier, 414, 416, 424, -C, 426, -C: w/ GM 6-53N engine	935	8D	153-5720	101-4000
All other engines	360	27	153-5656	8C-3601
1977-72 434A, C-451, T-451, 488	935	8D	153-5720	101-4000
1989-85 4460, 4465, 4470, 4475	625	31(2)SAE	3T-5760	115-2422
1974-70 C-475	760	4D	153-5700	9X-9720
1973-61 C-450, T-450, TK-450: w/ Chry. engine	360	27	153-5656	8C-3601
w/ A-C, DD, Cummins engines	935	8D	153-5720	101-4000
1985-73 488A, 588A, 688A, 522, 588, 644, 725, 744	935	8D	153-5720	101-4000
1982-78 488B, 588B, 688B	625	31(3)SAE	3T-5760	115-2422
1973-67 515 Log Loader: w/ Chry. engine	360	27	153-5656	8C-3601
w/ A-C, DD, Cummins engines	935	8D	153-5720	101-4000
1975-69 626, 628: w/ Chrysler engine	360	27	153-5656	8C-3601
w/ GM engine	935	8D	153-5720	101-4000
1989-81 6625, -L, S-, T-888	625	31(2,3)SAE	3T-5760	115-2422
1989-66 6644, -L, -KL, Telescoop	935	8D(1,2)	153-5720	101-4000
1981-78 788/448, S-, T-888	760	4D(2)	153-5700	9X-9720
1973-66 Telekruisers: w/ DD engine	935	8D	153-5720	101-4000
w/ Chrysler engine	360	27	153-5656	8C-3601
LORAIN DIVISION				
Cranes, Crawler Shovel-Type				
1973-64 L-51	655	4	8C-3633	8T-9733
1975-68 L-48L, -790	935	8D(1,2)	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Cranes, Moto-Type w/ Rubber Tires and Two Engines				
1978-66 MC-30H, -35H, -75H	935	8D(1,2)	153-5720	101-4000
1965-61 MC-107	450	1(2)	8C-3617	8T-9734
1961 MC-110: w/ Ford 223 engine	935	8D	153-5720	101-4000
w/ Ford 254 engine	545	2	153-5690	8C-3629
w/ Ford 272 engine	400	24	153-5656	3T-5857
w/ DD 2-71 engine	925	7D(2)	8C-3635	8T-9731
1973-61 MC-254, -254W: w/ DD 3-71 engine	925	7D(2)	8C-3635	8T-9731
w/ Waukesha 195GK engine	545	2	153-5690	8C-3629
1974-64 MC-320, -325, -330	935	8D(1,2)	153-5720	101-4000
w/ Waukesha engine	655	4(1,2)	8C-3633	8T-9733
1961 MC-424, -W, -425, -W, -WL: w/ DD engine	935	8D	153-5720	101-4000
w/ Waukesha 6MZA, 135GK engine	545	2(1,2)	153-5690	8C-3629
w/ Waukesha 140CK, 140GZB engine	655	4(2)	8C-3633	8T-9733
1961 MC-530, -530W	935	8D(1,2)	153-5720	101-4000
w/ Waukesha 140GK engine	545	2(2)	153-5690	8C-3629
1983-63 MC-540, -540A, -550A	935	8D(1,2)	153-5720	101-4000
w/ Waukesha 135GZ, Cummins engine	655	4(2)	8C-3633	8T-9733
1978-63 MC-545, -550A: w/ Cat., DD, Cummins C-160-IP engines	935	8D(1,2)	153-5720	101-4000
w/ Waukesha, other Cummins engines	655	4(2)	8C-3633	8T-9733
1983-61 MC-670A, -680, -760, -770, -775, -790	935	8D(1,2)	153-5720	101-4000
1983-63 MC-1150, -1400, -1650, -1725, -8150, -9115	950	8D(1,2)	153-5720	101-4000
1983-78 MCH-350	750	4D(2)	153-5700	9X-9720
1983-78 MCH-400, -500	950	8D(1,2)	153-5720	101-4000
Optional	750	4D(2)	153-5700	9X-9720
Cranes, Self-Propelled w/ Rubber Tires and One Engine				
1965-61 4-5 models: w/ Cat. D-318, D330 engines	950	8D(1,2)	153-5720	101-4000
w/ Cat. 318, Waukesha 135G engines	545	2(1,2)	153-5690	8C-3629
1967-61 501, 501-P, 502, 502-P, 510P	340	24	153-5656	3T-5857
1967-61 501D, 501-PD, 502D, 502-PD, 601PP	380	30H	3T-5760	115-2422
1967-61 540, 590, 600, 60-P, 601P	340	24	153-5656	3T-5857
1967-61 540D, 600D	750	4D	153-5700	9X-9720
1961 670: NTO-6-I, GM 6-110 engines	950	8D(2)	153-5720	101-4000
1978-73 LRT-15H, -15U, -18U, -35U	950	8D(1,2)	153-5720	101-4000
1961 SP-100: w/ Ford 223 engine	935	8D	153-5720	101-4000
1973-61 SP-107: w/ Ford 220 engine	750	4D	153-5700	9X-9720
w/ Ford 172, Cont. GD-157 engines	450	1(1,2)	8C-3617	8T-9734
w/ Cummins, Cont. F-186, DD engines	925	7D(2)	8C-3635	8T-9731
1973-61 SP-108, -A: w/ Ford 220 engine	750	4D	153-5700	9X-9720
w/ Cont. F-186 engine	925	7D(2)	8C-3635	8T-9731
1973-61 SP-254, -254W: w/ DD 3-71 engine	925	7D(2)	8C-3635	8T-9731
w/ Cat., Hercules, Waukesha engines	545	2(2)	153-5690	8C-3629
1973-61 SP-530, -W: w/ Cummins, DD engines	950	8D(1,2)	153-5720	101-4000
w/ Waukesha 135GZ engine	655	4(2)	8C-3633	8T-9733
w/ Waukesha 140GK engine	545	2(2)	153-5690	8C-3629
1961 TSP-875: w/ Cat. D-337 engine	545	2	153-5690	8C-3629
Crawler Machines				
1973-61 L-26: w/ DD 3-71 engine	925	7D	8C-3635	8T-9731
w/ Cat., Waukesha engines	545	2(2)	153-5690	8C-3629
1973-65 L-36: Pipeliner	935	8D	153-5720	101-4000
w/ Waukesha engine	655	4(2)	8C-3633	8T-9733
1978-61 L-48H; L-50: w/ DD 4-71 engine	935	8D(1,2)	153-5720	101-4000
w/ Cat., Waukesha engines	545	2(1,2)	153-5690	8C-3629
1973-61 L-51, L-56, -K4, -K5: w/ Waukesha engine	655	4(2)	8C-3633	8T-9733
w/ other engines	935	8D(1,2)	153-5720	101-4000
1961 L-72: w/ Waukesha engine (Requires spl. batt.)	315	NA	—	—
1978-61 L-72, -86, -775, -790, -820A	935	8D(1,2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Front End Loaders				
1971-63 ML-200, -225, -250, -275: w/ Cummins engine	925	7D(2)	8C-3635	8T-9731
w/ Cont. H-363 engine	450	1(2)	8C-3617	8T-9734
1971-61 ML-307, -325	935	8D(2)	153-5720	101-4000
KOEHRING PARSONS				
See "PARSONS DIVISION"				
KOHLER COMPANY				
Electric Plants				
1982-69 2.5RM, 3RM, 4RM, 4RMO	300	29NF	3T-5858 π	9X-1382 π
1992-76 3.5CM-HS, 5CM-HS	200	U1	8C-3636	—
1978-69 5RKM, 5RM	300	29NF	3T-5858 π	9X-1382 π
1991-89 5RMOY	460	30H	3T-5760	115-2422
1989-82 5RMOY	380	30H	3T-5760	115-2422
1983-76 5RMS	300	30H	3T-5760	115-2422
1997-93 5RMY	460	30H	3T-5760	115-2422
1993-83 5RMY	200	U1	8C-3636	—
2000-91 6ROY/ROZ, 10ROY/ROZ	900	24	—	—
1982-75 6.5RK	300	29NF	3T-5858 π	9X-1382 π
1997-92 6.5RMY	200	U1	8C-3636	—
1992-82 7RMY	200	U1	8C-3636	—
1982-75 7.5R, 7.5RMY, 8.5RMO	380	30H	3T-5760	115-2422
1978-75 7.5RKM	300	29NF	3T-5858 π	9X-1382 π
1981-69 10RCOP, 12.5RCOP	545	2(2)	153-5690	8C-3629
1989-75 10RM, 10RMOY, 12RMO, 12.5R, 15R, 15RM	380	30H	3T-5760	115-2422
1991-89 15RMOY	460	30H	3T-5760	115-2422
2000-89 10RY/RZ, 12RY/RZ	625	31SAE	3T-5760	115-2422
1997-89 15RMY, 15RMOY	460	30H	3T-5760	115-2422
1976-75 15RO	380	30H(2)	3T-5760	115-2422
1982-75 15ROY, 15.5ROY	380	30H	3T-5760	115-2422
2000-84 15ROY/ROZ, 18RY/RZ, 20RZ	900	24	—	—
1991-83 17RY, 20ROZ, 30ROZ	625	31SAE	3T-5760	115-2422
1982-69 20R, 20RO	380	30H	3T-5760	115-2422
2000-98 20REOZJ (12 volt)	900	24	—	—
24(volt)	700	26(2)	—	—
2000-83 20ROZJ, 20ROZP, 30ROZJ, 30RZ, 30ROZP	900	24	—	—
1984-75 22.5RZ, 24ROZ, 30R, 30RO	380	30H	3T-5760	115-2422
1983-75 30ROZ, 30RZ, 32.5RZ, 32.5ROZ, 45R, 45RO	380	30H	3T-5760	115-2422
1994-83 33RZ, 40ROZ, 45ROZ, 50ROZ	625	31SAE	3T-5760	115-2422
2000-83 35RZ, 40ROZJ, 40ROZP, 45RZ	900	24	—	—
1983-75 45RZ, 45ROZ, 47.5ROZ, 55R, 55RZ, 60RO	380	30H	3T-5760	115-2422
2000-89 50ROZJ, 50RZ, 50ROZP, 60ROZJ, 60ROZP, 60RZ, 70RZ	900	24	—	—
1990-84 60ROZ, 80ROZ, 100ROZ	625	31SAE	3T-5760	115-2422
1984-80 60ROZ	380	30H	3T-5760	115-2422
1984-75 70R, 75ROZ, 85R, 85RZ	380	30H	3T-5760	115-2422
1980-69 75ROZ, 100RO	655	4(4)	8C-3633	8T-9733
2000-75 70RZ, 80REOZJ, 80ROZJ, 80ROZP, 80RZ, 100REOZJ, 100ROZJ, 100ROZP, 100RZ	900	24(1,2)	—	—
1984-81 100RZ	380	30H	3T-5760	115-2422
1984-75 125RO, 125ROZ, 130ROZ	935	8D	153-5720	101-4000
1975-69 125RO	600	1	8C-3617	8T-9734
1990-84 125ROZ	625	31(2)SAE	3T-5760	115-2422
1997-94 125ROZP	1000	31SAE	115-2422	115-2421
2000-94 135ROZJ, 150ROZ	1000	31(1,2)	115-2422	115-2421
1976-69 150RO	655	4(4)	8C-3633	8T-9733
1990-84 150ROZ	625	31SAE	115-2422	115-2421
1984-79 150ROZ	935	8D	153-5720	101-4000
2000-94 150ROZJ, 150ROZP	1000	31(2)SAE	115-2422	115-2421
1995-89 150ROZJ	625	31(2)SAE	115-2422	115-2421
1989-84 160ROZ	935	8D(2)	153-5720	101-4000
1999-96 135RZD, 140-, 150-, 160-, 170-, 180-, 200-, 275- 50 HZ	1000	31	115-2422	115-2421
60 HZ	900	24	—	—

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

KOHLER COMPANY — KOMATSU



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Electric Plants (continued)				
1984-69 165ROZ, 170R, 175RO, 175ROZ, 200RO	655	4(4)	8C-3633	8T-9733
1990-77 180ROZ, 200ROZ, 230ROZ	900	8D(2)	153-5720	101-4000
2000-94 180ROZJ, 180ROZP, 200RZD	1000	31(2)SAE	115-2422	115-2421
1995-89 180ROZJ	625	31(2)SAE	115-2422	115-2421
2000-89 200ROZD	900	24	—	—
2000-89 230ROZD, 250ROZD, 275ROZD, -RZD	1000	31(4)SAE	115-2422	115-2421
1985-69 250RO, 260ROZ	935	8D(2)	153-5720	101-4000
1990-69 250ROZ, 275ROZ, 300ROZ, 400ROZ	900	8D(2)	153-5720	101-4000
2000-89 300ROZD, 350ROZD, 400ROZD	1000	31(4)SAE	115-2422	115-2421
1979-69 350ROZD, 400ROZD, 500ROZD	935	8D(2)	153-5720	101-4000
1990-78 350ROZ	935	8D(2)	153-5720	101-4000
1990-69 450ROZ, 500ROZ, 600ROZ	900	8D(2)	153-5720	101-4000
2000-93 450ROZD, 500ROZD, 600ROZD	1000	31(4)SAE	115-2422	115-2421
1993-89 450ROZD, 500ROZD, 600ROZD	625	31(4)SAE	115-2422	115-2421
1990-77 750ROZ, 800ROZ, 900ROZ, 1000ROZ, 1100ROZ	900	8D(4)	153-5720	101-4000
2000-93 750ROZD	1000	31(4)SAE	115-2422	115-2421
1993-89 750ROZD	625	31(4)SAE	115-2422	115-2421
2000-93 800ROZD, 900ROZD, 1000ROZD, 1200ROZD, 1500ROZD, 1600ROZD, 2000ROZD	1000	31(8)SAE	115-2422	115-2421
1993-89 800ROZD, 1200ROZD, 1500ROZD, 1600ROZD	900	31(8)SAE	115-2422	115-2421
1990-87 1250ROZ	900	8D(4)	153-5720	101-4000
Early Models Not Listed Above, Prior to 1976				
1975-69 Models 1 thru 5, & 7.5RKM21	300	29NF	3T-5858 π	9X-1382 π
1975-69 Models 7.5 thru 115, ex. those shown below	340	30H	3T-5760	115-2422
1975-69 10RCOP21, 12RMO21, 12.5RCOP21, 20RO61	600	2(2)	153-5690	8C-3629
1975-69 15MY21, 15RO21, 15ROY21	340	30HR	3T-5760	115-2422
1975-69 100-, 150-, 175-, 200RO81, 170R81	655	4(4)	8C-3633	8T-9733
1975-69 125RO81	630	1	8C-3617	8T-9734
1975-69 250RO81, 300-, 350-, 400-, 450-, 500ROZ81, 500ROZD81	900	8D(2)	153-5720	101-4000
KOLMAN				
<i>Formerly a Division of "ATHEY PRODUCTS CO."</i>				
Loaders & Skidders				
1971-62 7-11, 125	340	24	153-5656	3T-5857
1971-70 S-70	400	24(2)	153-5656	3T-5857
1971-68 S-95, -97, -100B, -135	850	4D	153-5700	9X-9720
Material Handling Equipment				
101, 101-HD, 101-XHD:				
1993-59 18", 24": w/ GM engine	850	8D	153-5720	101-4000
w/ all other engines	515	24	153-5656	3T-5857
1993-59 30": w/ IHC UD-236 engine	590	2(2)	153-5690	8C-3629
w/ AC G138, IHC UC135 engines	515	24	153-5656	3T-5857
w/ GM, Cat. engines	850	8D	153-5720	101-4000
1993-59 36": w/ IHC UC221 engine	515	24	153-5656	3T-5857
w/ GM, Cat. engines	1150	8D	153-5720	101-4000
w/ IHC UD-236 engine	590	2(2)	153-5690	8C-3629
1993-59 42", 48": w/ IHC UC263, UC301 engines	515	24	153-5656	3T-5857
w/ GM, Cat. engines	1150	8D(1,2)	153-5720	101-4000
1981-77 101-SS, 202-SS: 40x24", 50x24", 50x30"	380	30H	3T-5760	115-2422
1993-78 101 All American 50x30"	1150	8D	153-5720	101-4000
1993-82 101-SS 50x30"	1150	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Material Handling Equipment (continued)				
101, 101-HD, 101-XHD (continued):				
1993-62 202: 18", 24" Optional	515 935	24 8D	153-5656 153-5720	3T-5857 101-4000
1993-86 202 All American 40, 50x24"	975	4D	153-5700	9X-9720
1976-59 303, 404: 48", 60", 50x60", 60x60", 50x72"	1150	8D(1,2)	153-5720	101-4000
Moto-Scaffold				
1962-59 X205	400	2L	153-5690 =	8C-3629
KOMATSU				
See also "HAULPAK DIVISION"				
<i>Manufacturer's recommended replacement battery may vary from original equipment battery.</i>				
Dozers, Crawler Type				
D21E-6, D21P-6, D31E-, D31P-18, D37E-, D37P-2	750	31(2)	175-4370	175-4390
D58E-, D58P-, D63E-, D68E-, D68P-, D83E-1	1000	8D(2)	153-5720	101-4000
D83P-1, D135A-1, D85P-18	1000	8D(2)	153-5720	101-4000
D375A-, D475A-1, D355A-5, KBD65E-6	1000	8D(2)	153-5720	101-4000
Dozers, Wheel Type				
WD600-1	1000	8D(4)	153-5720	101-4000
Dump Trucks, Articulated & Off-Highway				
HA250, HA270; HD325-5	750	31(2)	175-4370	175-4390
HD465-3, HD785-2, HD1200M-1	1000	8D(4)	153-5720	101-4000
Excavators				
PC05-6, -20-5, -30-5, -40-5, PC60-5, -60U-5 (Best fit est.)	370	27F	8C-3602	143-4084
PC-80-3 (Best fit est.)	370	27F(2)	8C-3602	143-4084
PC120-3, -150, -150LC-3, -180LC-3	750	31(2)	175-4370	175-4390
1999-96 PC200, -200LC-3, 200LC-6 -220, -220LC-3, 220LC-6, 250LC-6, -280LC-3, 300LC-3, 300LC-6	1000	4D(2)	153-5700	9X-9720
PC-300LC-3, -360LC-3, -400LC-3	1000	8D(2)	153-5720	101-4000
PC650-3, -650LC-3, -1000-1, -1000LC-1	1000	8D(2)	153-5720	101-4000
PF55L-1, PW210-1	750	31(2)	175-4370	175-4390
PW05-6, -30-1, -60-3 (Best fit est.)	370	27F(1,2)	8C-3602	143-4084
Graders				
1999-83 GD Series: 530A/AW2, 650A/AW2	800	31(2)	175-4390	175-4370
1999 GD750A	1000	4D(2)	153-5700	9X-9720
GD515A-1, -525A-1, -615A-1, -625A-1, -725A-1, -825A-1	750	31(2)	175-4370	175-4390
Loaders, Crawler & Wheel Types				
D21S-6, -31S-18, -41S-3, -53S-17, -57S-1, -66S-1	750	31(2)	175-4370	175-4390
D75S-5, D155S-1	1000	8D(2)	153-5720	101-4000
WA20-1, -30-2, -40-1, -70-1, WA120-1, -3, 180-1, -3	750 1000	31(2) 31(2)	175-4370 175-4390	175-4390 —
1999-96 WA Series: 250-3, 320-1, -3, 250-1 380-1, -3, 420-1, -3, 450-1, -3	1000	4D(2)	153-5700	9X-9720
WA320-1, WA350-1	750	31(2)	175-4370	175-4390
WA380-1, -420-1, -450-1, -470-1, -500-1, -600-1, -800-1	1000	8D(2)	153-5720	101-4000
1999-96 WA500-1, 600-1	1300	8D(2)	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Scrapers				
S23-2, WS23S-2	750	31(2)	175-4370	175-4390
KOMATSU DRESSER CO.				
See "HAULPAK DIVISION"				
KUBOTA TRACTOR CORP.				
Backhoe Loaders				
KX61-2	585	24	153-5656	3T-5857
KX121-2, 161-2	750	29H	3T-5760	115-2422
Additional equipment listed in the Farm Equipment section.				
Excavators				
KH18, KH28, KH90	525	30H	3T-5760	115-2422
LE ROI DIVISION				
DRESSER INDUSTRIES, INC.				
Compressors				
1975-72 75RG1	280	22NF	3T-5859 ∞	9X-1384 ∞
1975-59 75RG1, 85G1-E, 125G1-E, 85RG1, 100RG1	315	3EE	8C-3620	—
1987-78 Q85DE, -100GE, -125D, -125GE, -160D, A125DE	625	31	175-4370	175-4390
1978-60 Q85DG, Q85G, 85RD1, 125RD1	545	30H	3T-5760	115-2422
1982-78 Q85G, Q100GE	400	22F	3T-5859	9X-1384
1977-58 85RG1, 125RG1, 125RG2, 125TA	300	24	153-5656	3T-5857
1991-87 Q100GE, Q105GHE, Q125DE, -DPE, -GE	475	24	153-5656	3T-5857
1977-60 125RG2, -U, 125RG1A, -1B, 130-, 150, 160-RG1	375	3EE	8C-3620	—
1993-90 Q105DTE, Q125DJE, Q125DTE, Q175DJE	650	27	153-5656	8C-3601
1983-78 Q125G, Q160G, Q175G, -DE, Q185G, -GE	400	22F	3T-5859	9X-1384
1991-90 Q125GFE, -GHE	525	24	153-5656	3T-5857
1977-64 150RD1, 150RD2, 160RD1, 175, 300	545	30H	3T-5760	115-2422
1967-47 150RG2, 160D2, -G2, 210D2, -G2	540	1(2)	8C-3617	8T-9734
1974-70 170RG2	305	3EE	8C-3620	—
1983-81 Q185D, Q185DE	525	24F	3T-5858	9X-1382
1993-87 Q186DCE, D185DJE, -DPE, Q185GE, -GFE	650	27	153-5656	8C-3601
1994-78 Q186DCE, -DDE, D185DJE, -DPE, Q185GE, Q185DDE	625	31	175-4370	175-4390
1993-87 Q250DPE, Q375DCE, Q75DPC	650	27(1,2)	153-5656	8C-3601
1987-83 Q250DPE	625	31	175-4370	175-4390
1967-63 250RD2, -RG2 (Req. spl. 6-volt assembly)	525	NA	—	—
1977-66 260SD, 365SD1, 450RD2, 900SD1	640	4D	153-5700	9X-9720
1987-78 Q260D, Q300D, -DE, Q375D, -DE, -DCE	625	31(1,2)	175-4370	175-4390
1967-58 365D2, -RD2, 6001D2-C	525	2E(2)	8C-3632 Δ	—
1978-58 600SD1, 600SDL, -RD2, -SDL, Q600 Optional	900	8D	153-5720	101-4000
1987-78 Q600DC, Q750D, -DC, Q75DPC, Q900D, -DC	625	31(2,4)	175-4370	175-4390
1979-72 750SD, Q750	900	8D(2)	153-5720	101-4000
1993-92 HQ750DDC, Q850DDC, EQ, Q1000DDC	950	31(2)	175-4390	—
1993-87 Q750DCC, Q825DKC	800	31(2)	175-4390	175-4370
1980-58 Q1050SD1, Q1200SD1, -RD2	900	8D(2)	153-5720	101-4000
1993-85 Q1200DCC, HQ1300DCC, Q1600DCC	950	31(2)	175-4390	—
1985-75 Q1500, -DC	900	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
LETOURNEAU, R. G.				
Industrial Equipment				
1967-56 All models	525	1(4,8)	8C-3617	8T-9734
LETOURNEAU INC.				
Container Handlers				
1998-76 SST-100, ST100	475	31(4)	175-4370	175-4390
1994-77 2582CH, 2682CH	650	4D(2)	153-5700	9X-9720
Haul Trucks				
1995-85 Titan 33-15C, -15DG, -15D, Titan T-2000, -2240	900	8D(2,4)	153-5720	101-4000
Log Stackers				
1998-66 2594, 2594SS, 2694, 2694SS, 2794, 4594, 5094, 5594, 6594	650	4D(2)	153-5700	9X-9720
Wheel Dozer				
1988-78 D-800	650	4D(4)	153-5700	9X-9720
Wheel Loaders				
1997-76 L-600, L-800, L-1000, L-1000B, L-1100	650	4D(2,4)	153-5700	9X-9720
1998-78 L-1200, L-1400, L-1800	900	8D(4)	153-5720	101-4000
LETOURNEAU-WESTINGHOUSE				
See also "WESTINGHOUSE AIR BRAKE"				
Coal Haulers				
1964-59 CFA4, LW-90	325	60	—	—
1967-63 CFA-2, -11, -12	500	30H	3T-5760	115-2422
Dump Trucks				
1966-63 BFA-3, BFL-3, CFA-5, -10	500	30H	3T-5760	115-2422
1967-60 CFA-3, CFF-3, CFA5, -10 (1967), LW-22, -27, -32	950	8D(1,2)	153-5720	101-4000
1965-63 CFA-8, -9: w/ Air start w/ Electro-start	500	30H	3T-5760	115-2422
1962-60 LW-60	325	60	—	—
Motor Graders				
1968-63 666T: w/ Cummins engine	900	7D(2)	8C-3635	8T-9731
1971-63 All other models	800	4(2,4)	8C-3633	8T-9733
Push Pack C500				
1967-63 All models	950	8D(1,2)	153-5720	101-4000
Speedpulls & Tournapulls				
1967-47 All models	950	8D(1,2)	153-5720	101-4000
Optional	550	1(4)	8C-3617	8T-9734
Tournatractors				
1967-53 C, CW	550	1(4,8)	8C-3617	8T-9734
LIEBHERR-AMERICA, INC.				
Excavators				
1983-77 A/R 902, -912, -922, -932, -942, R982, 991	840	4D(2)	153-5700	9X-9720

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

LINCOLN ELECTRIC CO. — LITTLE GIANT CRANE & SHOVEL, INC.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
LINCOLN ELECTRIC CO.				
Electric Arc Welders				
1980-62 AC-225/5AS	280	53	—	—
1995-62 DC-225/3AS, AC150, Weldmanpower 150, AC/DC, WP150	220	U1(1,2)	8C-3636	—
1993-52 SA-200, SAF-300, SAE-300, -400	340	24	153-5656	3T-5857
Optional	630	2(2)	153-5690	8C-3629
1993-76 SA-250	650	24	153-5656	3T-5857
1984-81 SAE-300, SAE-350	380	30H	3T-5760	115-2422
1993-80 SAE-400	600	24(1,2)	153-5656	3T-5857
1985-80 Optional	380	30H	3T-5760	115-2422
1989-64 SAM-400	280	24	153-5656	3T-5857
1985-80 SAM-400	380	30H	3T-5760	115-2422
1993-70 SAM-400, SAM-600	655	4	8C-3633	8T-9733
1975-66 SAE-600	300	29NF	3T-5858 π	9X-1382 π
1965-61 SAE-600	335	32N	—	—
1993-87 B & S G7, Onan G7, G9 Pro	235	U1	8C-3636	—
1993-83 Perkins 3.09 D10, Pro, Deutz 350 Amp Diesel	600	24	153-5656	3T-5857
1993-86 Weldmanpower 225 AC/210 DC, 250 AC/DC	600	24	153-5656	3T-5857
1995-80 Ranger 8, 9	235	U1	8C-3636	—
1995-94 SAE-350	630	24	153-5656	3T-5857
1995-90 SAM-400	565	24	153-5656	3T-5857
1995-82 SAM-650	630	4	8C-3633	—
P.K. LINDSAY CO., INC.				
Portable Air Compressors				
1998-63 25, 33, 40, 40H, 55, 55H, 80, 80H, 25HUE	370	24	153-5656	3T-5857
1967-66 25	225	22F	3T-5859	9X-1384
2000-95 30KE, 55RK	445	26/70	8C-3600	145-4517
1962-52 33, 55, 80	550	2E	8C-3632 Δ	—
1998-89 80NC, 80WC	370	24	153-5656	3T-5857
1998-91 80KC	600	30H	3T-5760	115-2422
1953 55	400	2L	153-5690 =	8C-3629
1991-64 125, 125Q, 150, 150Q	455	30H	3T-5760	115-2422
2000-94 125QD, 185QD	600	30H	3T-5760	115-2422
1991-80 80D, 80H	760	4D	153-5700	9X-9720
Optional	600	30H	3T-5760	115-2422
2000-80 80KC, 80KUB, 125QD, 160QD standard	600	30H	3T-5760	115-2422
2000-89 80NC, 80WC	370	24	153-5656	3T-5857
1991-71 160QD w/ cold start, 175, 175QD w/ cold start	470	30H(2)	3T-5760	115-2422
2000-84 175QD standard, 185QD	600	30H	3T-5760	115-2422
LINK BELT				
See "FMC-CABLE CRANE & EXCAVATOR DIV."				
LIPPMANN-MILWAUKEE, INC.				
Crushing Equipment All Portable Equipment:				
1990-87 Diesel 24-volt	1150	8D(2)	153-5720	101-4000
1987-78 Thru 8-cyl., 12- & 16-cyl. (Require 4 batts.)	640	4D(2,4)	153-5700	9X-9720
LISTER PETER, INC.				
Formerly "LISTER DIESEL, INC." & "WITTE ENGINES CORPORATION"				
Natural Gas Power Plants				
1991-82 HR2G	360	27	153-5656	8C-3601
Optional	490	30H	3T-5760	115-2422
1991-80 HR3G	490	30H	3T-5760	115-2422
Optional	635	4D	153-5700	9X-9720

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Power Units and Generator Plants				
1964-54 100, 120	455	2B	153-5700	9X-9720
1967-65 Standard	340	24	153-5656	3T-5857
Heavy-Duty	790	4D	153-5700	9X-9720
Stationary & Portable Power Plants				
1999-75 AA1, AC1, -2, AD1, -2, LPA, -LPW-, LPWS2/3/4	280	24F	3T-5858	9X-1382
Optional	360	27	153-5656	8C-3601
1999-94 CD6, CDT6	950	4D	153-5700	9X-9720
1999-94 CDT4, CD4	735	4D	153-5700	9X-9720
1999-86 CRK3(Optional 4D @ 635)	570	30H	3T-5760	115-2422
1997-86 CR3, CRK3, HL3, HR3	490	30H	3T-5760	115-2422
Optional	635	4D	153-5700	9X-9720
1993-68 CS4, CS6, CST6, HL4, HL6, HLT6, HR4, HR6, HS6	635	4D(1,2)	153-5700	9X-9720
1991-68 HR2	360	27	153-5656	8C-3601
Optional	490	30H	3T-5760	115-2422
Optional	635	4D	153-5700	9X-9720
1987-70 JA6, JAS6	750	6D(1,2)	153-5700	9X-9720
1998-88 LPA 2/3	650	4D	153-5700	9X-9720
Optional	550	27	153-5656	8C-3601
1999-88 LPW 2/3/4, LPWS 2/3/4	700	24F	3T-5858	9X-1382
Optional	550	27	153-5656	8C-3601
1999-75 LT1, LT2, LV1, LV2, PH1/2, PH1/2W, P600/1/2/3	280	24F	3T-5858	9X-1382
Optional	360	27	153-5656	8C-3601
1986-75 PJ3/4	360	27	153-5656	8C-3601
Optional	490	30H	3T-5760	115-2422
1997-72 ST1, ST2, ST3, TL2/3, TR1/2/3	280	24F	3T-5858	9X-1382
Optional	360	27	153-5656	8C-3601
1999-85 TR1	550	24F	3T-5858	9X-1382
1999-83 TR2/3, TS2/3, TX2/3 (Best fit estimate)	850	24F	127-0824	—
Optional	700	27	153-5656	8C-3601
1999-85 TS1	650	24F	3T-5858	9X-1382
1987-82 JA6-JAS6	750	31	175-4370	175-4390
LITTLEFORD BROS.				
Asphalt Plants & Brooms				
1967-56 All models	525	24	153-5656	3T-5857
Compactors				
1965-63 SE-50	950	8D	153-5720	101-4000
Distributors, Pressure & Maintenance				
1967-58 All models	525	24	153-5656	3T-5857
Pavers & Rollers				
1967-58 Model BPF, 308A	525	24	153-5656	3T-5857
1967-58 125, 125V	220	22F	3T-5859	9X-1384
1967-58 160	525	1	8C-3617	8T-9734
1967-58 All other models	525	24	153-5656	3T-5857
Optional	375	27	153-5656	8C-3601
Patchers & Vibrators				
1967-54 700, D-54V	525	24	153-5656	3T-5857
LITTLE GIANT CRANE & SHOVEL, INC.				
Cranes, Shovels & Backhoes				
1990-60 L, Combo 12, 32, 48	380	30H	3T-5760	115-2422
1993-66 C-64, 18TRT, 32, 32R, C-32, SP-32	805	4D	153-5700	9X-9720
1993-65 48R, SP-48, C-48, 16 (Bullet): GM	805	4D	153-5700	9X-9720
1990-75 w/ Ford engine	380	30H	3T-5760	115-2422

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. Wash hands after handling.

LITTLE GIANT CRANE & SHOVEL, INC. — MANITOWOC CRANES, INC.

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Cranes, Shovels, Backhoes (continued)				
1993-68 Combo 48 (Bull of the Woods), 8, 10, 34TX, 34TXR, 32	805	4D	153-5700	9X-9720
1993-65 Workcrane SPR-48, SPR-64, 32, 48 Crane Carrier	1170	8D	153-5720	101-4000
1993-76 18TRT, 64, C-64, Tele Max 90	805	4D	153-5700	9X-9720
1993-85 64 Carrier, 7.5MT	1170	8D	153-5720	101-4000
Early models not shown above				
1971-46 All models	380	30H	3T-5760	115-2422
LOG HOG MANUFACTURING, INC.				
Formerly "DUNHAM MFG. CO., INC."				
Knuckle Boom Log Loaders				
1992-77 All models	760	4DLT	153-5700 Δ	8C-3622
Skidding Tractors				
1977-74 PH-97	280	24(2)	153-5656	3T-5857
1977-74 S-97D, PS-130, S-130D	635	4D(1,2)	153-5700	8C-3622
1979-66 440, 441, 500, 501, 515	760	4DLT	153-5700 Δ	8C-3622
1979-75 531	545	30H	3T-5760	115-2422
1989-77 546, 660, 760, 760-4WD, XTR50, -60, -70, -850, -860, -870, -880, Z-200, ZC-260, ZC-290	760	4DLT	153-5700 Δ	8C-3622
LONGYEAR CO.				
Drills & Pumps				
1986-62 24; 320, 335, 520, 535, 835	520	30H	3T-5760	115-2422
1986-62 34	450	27	153-5656	8C-3601
1986-62 38, 44, HC-150, Hydro 44	850	4D	153-5700	9X-9720
1986-80 Hydra-Core 28	450	24	153-5656	3T-5857
LTV ENERGY PRODUCTS CO.				
See "SKAGIT PRODUCTS"				
LULL CORPORATION				
DynaLugger Pole Handling Unit				
1975-64 Chrysler	700	4D	153-5700	9X-9720
1981-75 4-71	900	8D	153-5720	101-4000
High Lift Fork Loaders				
1992-91 Falcon 600	925	31(1,2)	175-4390	—
1983-64 7C1, 7C2, 4D3, 4D4, 4D4B; 400, 4D4; Gas	370	60	—	—
1971-65 4WD Loader	700	4D	153-5700	9X-9720
1983-80 422; Diesel	590	2(2)	153-5690	8C-3629
Gas	370	60	—	—
1994-86 522; Diesel (12 volt)	925	31	175-4390	—
1991-86 522, 544, 622, 622B; Diesel (6 volt)	940	4(2)	8C-3633	—
1981-76 544, 644, 844; Gas	355	24	153-5656	3T-5857
1988-79 544, 622, 644; Diesel	590	2(2)	153-5690	8C-3629
1993-92 622B, 644; Diesel	925	31	175-4390	—
1992-85 644; Diesel, 824, 824B, 1044B; Diesel Turbo	940	4(2)	8C-3633	—
1995-89 824B, 844B, 1044B; Diesel Turbo	925	31(1,2)	175-4390	—
1991-75 844, 1044; Diesel, 1522; Diesel Turbo	940	4(2)	8C-3633	—
1987-84 844; Diesel	590	2(2)	153-5690	8C-3629
1993-92 1522; Diesel Turbo	925	31	175-4390	—
1983-81 2094	1000	8D	153-5720	101-4000
1995-90 LL-40	385	27	153-5656	8C-3601

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Loaders – Mason Tender, Powered Buggy, Skid Steer				
1996-82 L-32, L-36, M-20, M-25	260	24F	3T-5858	9X-1382
1996-82 L-1300, L-930, LD-50	450	27	153-5656	8C-3601
1996-95 644B	300	31	175-4370	175-4390
1995-82 LS-70, LS-75	250	22NF	3T-5859	9X-1384
10 Ton Pipe & Log Loader				
1975-66 Chrysler engine	700	4D	153-5700	9X-9720
1990-72 4-71, 2044; Diesel	1000	8D	153-5720	101-4000
1996-91 2044B; Diesel	925	31(2)	175-4390	—
15 Ton Pipe Handler				
1996-89 3044; Diesel	925	31(2)	175-4390	—
1996-95 644B, 844C	625	31(1,2)	175-4370	175-4390
Early Models				
1967-64 All models	235	60	—	—
MACHINERY DISTRIBUTION, INC.				
MITSUBISHI HEAVY INDUSTRIES				
Excavators				
1987-81 MS120-2, 8, MS180-3, MS180LC-8, MS240LC-8	830	4D(2)	153-5700	9X-9720
1987-81 MS230LC-3, -280-2, -300LC-8, -380-2	980	8D(2)	153-5720	101-4000
1987-81 MS450-8, MS580, MS1600	980	8D(2,4)	153-5720	101-4000
Fork Lifts				
20, 25, 30, 35, 50, 500	500	24(1,2)	153-5656	3T-5857
Motor Graders & Wheel Loaders				
<i>(Best fit estimate)</i>				
1987-80 MG100, MG150	360	30H(2)	3T-5760	115-2422
1987-79 MG300, MG400, MG500	550	4D(2)	153-5700	9X-9720
1987-85 WS200A	340	27	153-5656	8C-3601
1987-81 WS400, WS500	300	45(2)	—	—
MANITOWOC CRANES, INC.				
Formerly "MANITOWOC ENGINEERING CO." See also "BAY CITY-MANITOWOC"				
Crawler Cranes				
1992-85 M-50W, M-65W, M-80W, M-85W	1100	8D	153-5720	101-4000
1992-89 Optional	950	31(2)	175-4390	—
1992-91 M-85W	950	31(2,3)	175-4390	—
1995-92 M-85W, M-250, M-1200R	1100	8D(1,2)	153-5720	101-4000
2000-95 777, 888, 888r, 2100, 2250	1100	8D(2)	153-5720	101-4000
1995-73 2900WC, 3000W, 3600, 3900	1100	8D(2)	153-5720	101-4000
1995-62 3900W, 4000W, 4100W, 4600-Series 1, 3, & 4	1100	8D(2)	153-5720	101-4000
1995-75 6000W, 6400W, 7000W	1100	8D(2)	153-5720	101-4000
1995-75 Machines w/ Air Start: 4600 Series 4 w/ Cat. 379 eng. & moveable pilot house	1100	8D(2)	153-5720	101-4000
1995-75 All others	350	29NF(2)	3T-5858 π	9X-1382 π
1972-58 2000-B, 2300, 3000, 3000-A, -B, 3100, 3400, 3500, 3600, 3900, 4000, 4100	935	8D(2)	153-5720	101-4000
1972-52 1600; 4500; Cummins VT-2	545	2	153-5690	8C-3629
Most other engines	935	8D(1,2)	153-5720	101-4000
1992-90 M50W, 65W, 80W, 85W	950	31	175-4390	—

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

MANITOWOC CRANES, INC. — MELROE COMPANY



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Hoist Cranes				
1995-67 36' & 60' Platform Ringer, 290, 390, 560	1100	8D(2)	153-5720	101-4000
1992-66 Air Start for all	350	29NF(2)	3T-5858 π	9X-1382 π
Trucks Cranes/Carriers				
1972-56 2800, 2900: w/ Cummins engine	545	2(2,4)	153-5690	8C-3629
All other engines	935	8D(1,2)	153-5720	101-4000
1992-64 2900T, 3900T: Crane or Carrier	1100	8D(2)	153-5720	101-4000
1991-85 M80W, M100T: Crane or Carrier	1100	8D(2)	153-5720	101-4000
2000-92 M250T, 777T Crane or Carrier	1100	8D(2)	153-5720	101-4000
MARATHON LETOURNEAU CO.				
See Letourneau Co.				
Haul Truck				
1991-85 Titan 33-15C, 33-15D, T-2000, T-2240	900	8D(2,4)	153-5720	101-4000
Log Stackers & Wheel Dozers				
1991-66 2594, -SS, 2694, -SS, 2794, 5594, 6594, D-800	650	4D(2,4)	153-5700	9X-9720
Wheel Loaders				
1988-76 L-600, L-800 (Requires 4 batts.)	650	4D(2,4)	153-5700	9X-9720
1991-82 L-1000, L-1000B, L-1100	650	4D(4)	153-5700	9X-9720
1991-78 L-1200, L-1400	900	8D(4)	153-5720	101-4000
MARINE INDUSTRIES, INC.				
See "MAXON"				
MARION				
Air Compressors				
1967-64 183M	375	24	153-5656	3T-5857
Excavators & Power Shovels				
1967-58 43M: All engines except below	950	8D(1,2)	153-5720	101-4000
w/ Cat. D318 ('59-58)	525	2	153-5690	8C-3629
w/ Cat. D318 ('67-60)	525	1	8C-3617	8T-9734
1967-62 65M-75M	950	8D(1,2)	153-5720	101-4000
1965-52 83M: w/ Buda, Cat. D-375 engine	525	1	8C-3617	8T-9734
w/ Buda 6DC-1879, 6DCB-1742 ('59-52)	525	2	153-5690	8C-3629
w/ Cat. D337F, DD Twin 6-71 engines	950	8D(1,2)	153-5720	101-4000
w/ Cat. D353 engine	375	24	153-5656	3T-5857
w/ Cummins V-12525, VT-1200	900	7D(5)	8C-3635	8T-9731
w/ other Cummins	950	8D(2)	153-5720	101-4000
1967-58 362, 372: All engines ex. below	950	8D(1,2)	153-5720	101-4000
w/ Cat. D-13000 engine	525	2	153-5690	8C-3629
MASSEY-FERGUSON INDUSTRIES, LTD.				
See Farm Equipment section				
Combines, Corn Pickers, Forage Clippers				
1965-62 35, 72-PI, -SP, 82-SP	520	1	8C-3617	8T-9734
1967-63 92 Super, 205, 300, 410, 510: Gas	290	24	153-5656	3T-5857
Diesel	520	30H	3T-5760	115-2422
Crawler Tractors				
1968-65 MF-2244	545	30H	3T-5760	115-2422

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Industrial Wheel Tractors				
1982-76 MF-20C, MF-30B	470	24	153-5656	3T-5857
Optional	545	30H	3T-5760	115-2422
1982-76 MF-40B	545	30H	3T-5760	115-2422
Optional	580	27	153-5656	8C-3601
1982-76 MF-50C	775	4D	153-5700	9X-9720
Optional	470	24(2)	153-5656	3T-5857
1981-78 MF-60	525	24(2)	153-5656	3T-5857
Shovel Loaders				
1961-59 1001	375	3EE	8C-3620	—
1962 MF-365: Gas	265	24	153-5656	3T-5857
1963-62 MF-365: Gas, Diesel	475	30H	3T-5760	115-2422
1974-64 470: Gas	580	30H	3T-5760	115-2422
Diesel	775	4D	153-5700	9X-9720
Swathers & Windrowers				
1967-63 34, 44	500	1	8C-3617	8T-9734
MASTER CONSOLIDATED CORP.				
Riding Trowels				
1985-74 RF3B3, RF2B4	220	U1	8C-3636	—
MAXON				
MARINE INDUSTRIES, INC.				
Concrete Spreaders				
1974-58 DS-1, -2, 20-C, -D, -S: Cont., Ford	375	24	153-5656	3T-5857
GM	790	4D	153-5700	9X-9720
MELROE COMPANY				
Formerly "CLARK EQUIPMENT CO." "INGERSOLL-RAND"				
Bobcat Feller Buncher				
1986-79 1080, 1080C	410	27(2)	153-5656	8C-3601
1986-85 1213	700	31SAE	3T-5760	115-2422
Bobcat Loaders				
2000-99 751, 753, 763, 773, 863, 864, 873, 963	600	24	153-5656	3T-5857
2000-95 450: Gas, 453: Diesel, 553: Diesel, 751	530	24	153-5656	3T-5857
1998-90 753, 763, 773	625	31SAE	3T-5760	115-2422
1997-95 863, 873, 953	950	31SAE	115-2422	115-2421
2000-76 310, 313, 440, 440B: Gas, 443: Diesel	370	24	153-5656	3T-5857
1994-76 530, 533, 540, 542B: Gas, 543: Diesel	370	24	153-5656	3T-5857
1981-72 610	370	24	153-5656	3T-5857
1981-77 632, 630	410	27	153-5656	8C-3601
Optional	370	24	153-5656	3T-5857
1993-81 631, 641	600	31SAE	3T-5760	115-2422
1993-81 642, 642B: Gas	410	27	153-5656	8C-3601
1994-81 643	625	31SAE	3T-5760	115-2422
1980-78 730, 732	370	24	153-5656	3T-5857
Optional	410	27	153-5656	8C-3601
1994-80 731, 741, 743, 743B, 753	600	31SAE	3T-5760	115-2422
1995-72 742, 742B: Gas, 825	410	27	153-5656	8C-3601
1993-84 843: Diesel	700	31SAE	3T-5760	115-2422
1985-81 843: Diesel	370	24(2)	153-5656	3T-5857
1998-90 843B, 853, 863, 864, 873	700	31SAE	3T-5760	115-2422
1994-83 943, 974, 975, 980, 2400: Diesel, 1600	1000	31SAE	115-2422	115-2421

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

MELROE COMPANY — NATIONAL OILWELL

INDUSTRIAL EQUIPMENT

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Bobcat Loaders (continued)				
1986-84 974, 975: Diesel	435	27(2)	153-5656	8C-3601
1986-74 974, 975: Diesel	410	27(2)	153-5656	8C-3601
1986-81 2000	370	24(2)	153-5656	3T-5857
1995-91 7753: Diesel	625	31SAE	3T-5760	115-2422
Early Models				
1972-71 CCK, K662 ('66-72), Deutz, Wisc.	400	60	—	—
1970-60 CCK, K662 ('60-65)	290	53	—	—
1975-66 All "M" Series models	410	27(1,2)	153-5656	8C-3601
Bobcat Trenchers				
1992-89 3022: Gas, 3023: Diesel	625	31SAE	3T-5760	115-2422
1992-87 T116: Gas, T116D Diesel	380	55	8C-3611	—
1992-87 T135: Gas, T136: Diesel	405	70	156-5660 Ω	7X-6100
MIDMARK CORP.				
Trenchers				
1984-79 140	380	55	8C-3611	—
1984-72 200, 201, 202, 220, 300, -A, 321, 400, -A, 401A	350	71	156-5660 Ω	7X-6100
1984-82 440	625	31	175-4370	175-4390
MINI-EXCAVATOR				
2000-93 320, 322, 325, 328, 331, 337: Diesel	500	26	250-0489	145-4517
MINNEAPOLIS-MOLINE				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Balers & Combines				
1963-60 G12	315	60	—	—
1965-62 2890, 3490, 3496, 4290, 4292, 4296 Diesel	315 790	24 44(2)	153-5656	3T-5857
Crawler Tractors				
1962-60 W-10, W-12: Diesel	500	30H(2)	3T-5760	115-2422
Lift Trucks				
1971-63 MA-20 thru MA-60, MSA-20 thru MSA-35	400	24	153-5656	3T-5857
1971-66 MSB-20 thru MSB-35	300	22F	3T-5859	9X-1384
1971-60 MY-40, -50, -60, -70: Gas	375	29NF	3T-5858 π	9X-1382 π
1971-68 MY-40, -50: Diesel	500	30H(2)	3T-5760	115-2422
1971-67 MY-60: Diesel, WC-20 thru WC-60	400	24(1,2)	153-5656	3T-5857
MITSUBISHI HEAVY INDUSTRIES				
See "MACHINERY DISTRIBUTION, INC."				
MOBILE DRILLING CO., INC.				
Earth Drills				
1967-62 B-30, -38, -40M, -40L	475	1	8C-3617	8T-9734
1995-62 B31, B34, B-40L, B-47, B53, B-57, B-61, B-80	460	27	153-5656	8C-3601
1991-68 All Diesel models	760	4D(1,2)	153-5700	9X-9720
Early Models				
1976-62 Strokemaster, B-40H, -61, B-50, B-56	340	24	153-5656	3T-5857
1973-62 B-30, -38, -40M, -40L	450	1	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
MOODY NORTHWEST CO.				
Mounted Machines				
1980-76 6	750	4D(1,2)	153-5700	9X-9720
1978-76 28D: DD 4-71N, CAT., Murphy	750	4D(2)	153-5700	9X-9720
1979-76 30DH, 35DH:				
DD 6V-71N	750	4D	153-5700	9X-9720
CAT., Murphy	750	4D(2)	153-5700	9X-9720
1981-76 41: CAT. D-3304	750	4D(2)	153-5700	9X-9720
1981-76 DD4-71N	750	4D	153-5700	9X-9720
1981-77 DD 6V-71N	750	4D	153-5700	9X-9720
1978-76 Murphy 12, 452	750	4D(1,2)	153-5700	9X-9720
1981-78 CAT. 3306NA, 3306T	750	4D(2)	153-5700	9X-9720
1995-76 45DH, 50 Series, 55 Series, 60HT, 65, 70D, 70HT, 80D, 95	750	4D(2)	153-5700	9X-9720
1983-77 100DH	750	4D(4)	153-5700	9X-9720
1995-76 180D, 190D	750	4D(2)	153-5700	9X-9720
1995-76 8070, 9570, 1200C	750	4D(2)	153-5700	9X-9720
M-R-S				
See Farm Equipment section				
MURPHY				
Diesel Engines				
1973-58 All	1000	4D	153-5700	9X-9720
MWM DIESEL INC.				
Formerly "MWM-MURPHY DIESEL CO."				
Diesel Engines				
1988-66 MP, AD Series, 232 Series, D234	640	4D(2)	153-5700	9X-9720
1988-83 D202-2, D302-1, D302-2	360	60	—	—
1988-83 D202-3, D302-3, D327-2, D226-2	400	30H	3T-5760	115-2422
1984 D234	835	7D	8C-3635	8T-9731
1988-84 TBD234, D327-6, D226-6, TD226-6	810	4(2)	8C-3633	8T-9733
1988-83 D327-3, D327-4, D226-3, D226-4, T D226-4	475	31	175-4370	—
NAMCO				
Fork Lift Trucks				
1986-66 SLC-2015G, SLC-2020G, -2525, SPLC-2524	225	24	153-5656	3T-5857
1990-85 G-2000, G-2500, L-2000, L-2500	230	U1	8C-3636	—
1975-62 All models	225	24	153-5656	3T-5857
Tow Tractors				
1986-62 All models	225	24	153-5656	3T-5857
NAPCO				
Loaders				
1969-58 42 thru 44PG	375	60	—	—
1969-64 42 thru 44PDD	900	4(2)	8C-3633	—
NATIONAL OILWELL				
Formerly "OILWELL"				
Power Units				
Single Cylinder Diesel:				
1975-47 BD, CD	370	24	153-5656	3T-5857

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

NATIONAL OILWELL — ORTON CRANE & SHOVEL CO.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Power Units (continued)				
Single Cylinder Gas:				
1990-46 B, C, C-15, -19, B-12, E-15, -20, 98	435	24	153-5656	3T-5857
1967-57 Optional	380	27	153-5656	8C-3601
1990-58 F-28, -32, -42	760	4D	153-5700	9X-9720
Two Cylinder Gas:				
1971-65 F-70, F-90	760	4D	153-5700	9X-9720
NAVISTAR INTERNATIONAL TRANSPORTATION CORP.				
Construction Trucks				
1998-77 All Models	650	31(2,3)	175-4370	175-4390
NELSON, N.P.				
Tractor-Shovels				
1968-65 350D, 400 w/ DD 6-71 engine	950	8D(2)	153-5720	101-4000
1968-58 200, 150	800	4D(2)	153-5700	9X-9720
1968-58 200D, 250D: w/ Cummins engine	625	2(2)	153-5690	8C-3629
1968-58 200D, 250D: w/ DD, GM engine	800	4D(2)	153-5700	9X-9720
1968-58 200D, 150D: w/ DD, GM engine	950	8D	153-5720	101-4000
NEW HOLLAND				
See "FORD-NEW HOLLAND"				
NORTH AMERICAN MFG. CO.				
Fork Lift Trucks & Tow Tractors				
1970-62 All models	300	24	153-5656	3T-5857
NORTHWEST ENGINEERING CO.				
Crawler Mounted Machines				
1980-46 6: 25, 25D: All except below Optional	750	4D(1,2)	153-5700	9X-9720
1979-75 28D, 30DH, 35DH	600	2	153-5690	8C-3629
1981-54 41: All except Cat. D-339 engine	750	4D(1,2)	153-5700	9X-9720
1962-54 Cat. D-339	600	2	153-5690	8C-3629
1985-67 45DH, 50 Series, 55 Series, 65	750	4D(2)	153-5700	9X-9720
1985-62 70D, 80D, 95, 180D, 190D, 8070, 9570	750	4D(1,2)	153-5700	9X-9720
1985-76 60HT, 70HT, 100DH, 1200C	750	4D(2,4)	153-5700	9X-9720
NORTON COMPANY				
See "CLIPPER"				
OILWELL				
See "NATIONAL OILWELL"				
OLIVER				
See also "WHITE-OLIVER"				
Additional equipment listed in the Farm Equipment section.				
Crawler Tractors				
1965-44 AG-6, AG-6H, OC-4: 3cyl & Diesel	600	2(1,2)	153-5690	8C-3629
1962-39 DD, DG, OC-9, -96: Diesel, OC-15	800	4D(1,2)	153-5700	9X-9720
1965-45 FDE, OC-9, -96: Diesel, OC-18	900	8D(1,2)	153-5720	101-4000
1960-51 OC-3 All, OC-4 4-cyl. eng., OC-6	500	1(1,2)	8C-3617	8T-9734
1961-55 OC-12: Gas Diesel	850	7D	8C-3635	8T-9731
	950	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Self-Propelled Combines				
1967-61 All ex. below	315	24	153-5656	3T-5857
1966 535, 545: Diesel	790	4(2)	8C-3633	8T-9733
ONAN				
D.W. ONAN				
Generator Sets				
1985-58 AJ, AK: Unhoused	450	1(2)	8C-3617	8T-9734
1985-58 AJ, AK Housed, BF, BFA, BGA, BGAL, BGE, BGEL	360	60	—	—
1985-62 CCK: Unhoused Housed	360	60	—	—
1985-62 CCK: Unhoused Housed	380	22F	3T-5859	9X-1384
1969-58 Early models	450	1(2)	8C-3617	8T-9734
1966-42 All	375	3EE	8C-3620	—
1985-45 CCKB, CK, CW, DJA, DJB, DJE, DJC	450	1(2)	8C-3617	8T-9734
1985-82 DL4, DL6, DL4B, DL6B, DL6TB	530	31	175-4370	175-4390
1983-49 DAY, DBY, DCV, DDA, DDB, DEF, DES, DEG, DEH, DKS	565	2(2)	153-5690	8C-3629
1985-59 DF models, all, DHB	975	8D(2,4)	153-5720	101-4000
1985-64 DJC, DTA, DSP ('64), DYA, DYJ	565	2(2)	153-5690	8C-3629
1985-84 DKC, DKD	380	22F	3T-5859	9X-1384
1975-60 DRN, DSL, DSP, MDSL, JA	450	1(2)	8C-3617	8T-9734
1985-84 DVA, DVb, DVC, DVD, DVE	700	31(2)	175-4370	175-4390
1966-59 DWF	1575	NA	—	—
1984-68 DYB, DYC, DYD, DYG, DYH (if used w/ transfer switch)	975	8D(2)	153-5720	101-4000
1982-59 DZB, DZC, DZO, KB, KR	360	3EE(1,2)	8C-3620	—
1965-62	630	2(2)	153-5690	8C-3629
1985-70 EK, EM	360	60	—	—
1985-60 EK, EM, EC, EF, EN, ENT	360	3EE(1,2)	8C-3620	—
1985-81 ES	325	29NF	3T-5858 π	9X-1382 π
1975-68 FT	935	8D(2)	153-5720	101-4000
1985-55 JC, 6JB, 705JB	360	60	—	—
1985-55 LK, LKB	450	1(2)	8C-3617	8T-9734
Optional ('61-58)	360	3EE	8C-3620	—
1981-62 MAJ, MJB, MJC, NB	450	1(2)	8C-3617	8T-9734
1985 MAJB	260	60	—	—
1985-62 MCCK, MDJA, MDJB, MDJE, MDJC, MJA, MJB, MJC	450	1(1,2)	8C-3617	8T-9734
1985-60 MDJC, MDJF, MDTA, MSDL	565	2(2)	153-5690	8C-3629
1985-84 MDKC, MDKD, SJB	325	29NF	3T-5858 π	9X-1382 π
1970-59 MDZB	360	3EE	8C-3620	—
1985-70 NH, NHE, NHEL, NHL, SK, SKB	360	60	—	—
1985-42 RJC, RDJC, RDJF, W2C, W2S, W3S	450	1(2)	8C-3617	8T-9734
Early Models				
1975-59 WA, WE	820	5D(2)	8C-3633	8T-9733
1975-62 WB, WC, WF, WK	935	8D(2)	153-5720	101-4000
1975-42 4JB, 5JB, 706JB, 10HC	450	1(1,2)	8C-3617	8T-9734
1975-63 6JB, 705JB, 10JC, 15JC	360	60	—	—
1975-58 10HC, -XRAY, 15HC, -HQ	380	30HR	3T-5760	115-2422
1975-58 35JJ, 50KA, 75HR	565	2(2)	153-5690	8C-3629
1964-57 10HC (& X-Ray), 15HC, -HQ	335	32N	—	—
1963 10-, 15JC: Unhoused	510	60	—	—
ORTON CRANE & SHOVEL CO.				
Locomotive and Wacker Cranes				
1970-47 All models	900	8D(1,2)	153-5720	101-4000
Optional	900	7D(1,2)	8C-3635	8T-9731
Cranes & Excavators				
1963-61 35M, 37M: w/ Cummins eng.	525	30H(2)	3T-5760	115-2422
All other engines	525	1(1,2)	8C-3617	8T-9734

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. Wash hands after handling.

INDUSTRIAL EQUIPMENT

OSGOOD-GENERAL — PETTIBONE CORPORATION

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
OSGOOD-GENERAL				
<i>Some may require special 6-volt assembly.</i>				
Cranes & Excavators				
1963-57 35-M, 37-M: w/ Cummins J6BI eng.	500	30H(2)	3T-5760	115-2422
All other engines	525	1(1,2)	8C-3617	8T-9734
OTTAWA STEEL PRODUCTS				
DAYBROOK-OTTAWA CORP., YOUNG OTTAWA, INC.				
Truck Tractors				
1971-66 Commander 30: w/ Ford 361 engine	475	30H	3T-5760	115-2422
w/ Cummins V8-185	675	3(4)	153-5690	8C-3630
1963-59 Commando, Yard Hustler	325	24(2)	153-5656	3T-5857
1967-64 Commando, Yard Hustler	785	4(2)	8C-3633	8T-9733
Optional	445	30H	3T-5760	115-2422
1960-56 Marauder, TL-50, -60, -70	550	1	8C-3617	8T-9734
1971-65 Space Mixer: w/ Ford 361 engine	475	30H(1,2)	3T-5760	115-2422
Optional	790	4(2)	8C-3633	8T-9733
Model 240	325	24	153-5656	3T-5857
Self-Propelled Hydra Hammers				
1969-50 M-8, -11, H-10, Commando	325	24	153-5656	3T-5857
OWATONNA MFG. CO., INC.				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Industrial Loaders				
1983-76 310 & 312 Gas	180	U1	8C-3636	—
1983-73 320, 345, 440, 441, 445: Gas	500	24	153-5656	3T-5857
1979-71 330 Series, 770: Gas	300	24	153-5656	3T-5857
1983-76 345, 440, 441, 445, 545, 770: Diesel	625	31	175-4370	175-4390
1983-71 440, 770, 880: Diesel	520	30H(1,2)	3T-5760	115-2422
1983-77 780, 1700 Series T/C	500	24(1,2)	153-5656	3T-5857
1980-76 Optional	625	31	175-4370	175-4390
1975-69 Optional	300	24	153-5656	3T-5857
1979-71 Optional	520	30H	3T-5760	115-2422
1979-68 1200, 1700 Series	300	24	153-5656	3T-5857
PARSONS DIVISION				
KOEHRING PARSONS				
<i>In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the ratings shown are based upon industry consensus.</i>				
Dumptors				
1975-62 100-1A, 140-1A, -1860	900	8D(2)	153-5720	101-4000
Trenchers & Trenchmobiles				
1976-72 75	410	24F	3T-5858	9X-1382
1975-68 600, 700, 736W, 155A, 255A, 355A	720	5D(2)	8C-3633	8T-9733
1970-52 88, -1B	450	1	8C-3617	8T-9734

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O. E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Trenchliners				
1970-58 77-1A, 77-L	450	1	8C-3617	8T-9734
1967-65 724L	315	24	153-5656	3T-5857
1960-58 130-1A	720	5D	8C-3633	8T-9733
1975-62 131-1A, -W, 133-1A, -W	410	24	153-5656	3T-5857
1976-54 150-1A, -W, 155-A, -1A, -L, 170-1A, -W, 180, -W, 250, 255-A, -1A, -L, 355-A, -1A, -L	720	5D	8C-3633	8T-9733
1970-55 310, 410, 420: w/ Cat. D-318G engine	960	4D	153-5700	9X-9720
All other engines:	720	5D	8C-3633	8T-9733
Vibratory Plows				
1976-68 DP80, DP100	900	8D(2)	153-5720	101-4000
PCM DIVISION				
See "KOEHRING-CONSTRUCTION EQUIPMENT DIVISION"				
PENNDRIILL MFG. DIVISION				
Auger & Core Drills				
1975-65 Model B; H, JE	290	24	153-5656	3T-5857
1964-51 Model B; H, JE	550	1	8C-3617	8T-9734
PETTIBONE CORPORATION				
PETTIBONE NEW YORK DIVISION				
Hydraulic Cranes				
1984-83 16MKp, 20MKp, 25MKp, 30MKp, 36MKp, 40MKp	960	4D	153-5700	9X-9720
1984-83 80MKp, 36SCp, 40SCp, 45SCp, 60SCp, 80SCp, 100SCp	960	4D(2)	153-5700	9X-9720
1984-83 130SCp	975	8D(2)	153-5720	101-4000
Multikranes				
1971-63 15, 20, 25, 30: w/ Hercules eng.	525	30H	3T-5760	115-2422
w/ Cummins V-378 engine	900	4D(2)	153-5700	9X-9720
w/ all other engines	900	7D(2)	8C-3635	8T-9731
1962 25	400	27	153-5656	8C-3601
1971-70 30CM, 30SC, 70SC	900	4D(2)	153-5700	9X-9720
1971-65 40CM, 50CM, 70, 90SC	900	7D(2)	8C-3635	8T-9731
Truckranes				
1971-63 All models	540	30H	3T-5760	115-2422
Road Graders				
1971-58 All models	720	5D(2)	8C-3633	8T-9733
PETTIBONE MICHIGAN DIVISION				
Cary-Lifts				
1999-90 Super 8, 10, 15, 20, 25, 30, 40, 70	975	8D	153-5720	101-4000
Coil Handler				
1999-90 All Models	975	8D	153-5720	101-4000
Cranes				
1999-90 36MK, 40MK	975	8D	153-5720	101-4000

INDUSTRIAL EQUIPMENT

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

PETTIBONE CORPORATION — REXNORD INC.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Extendo Forklifts				
1999-90 All Models	900	4D	153-5700	9X-9720
Speed Swings				
1999-90 360, 441, 445	975	8D	153-5720	101-4000
PFAHLER				
Ken-Roll Rollers				
1967-59 All	325	24	153-5656	3T-5857
Ken-Seal Asphalt Applicators				
1967-61 All	325	24	153-5656	3T-5857
PIONEER ENGINEERING				
Mine, Pit & Quarry Equipment				
1963-52 All models	880	6D(1,2)	153-5700	9X-9720
PITMAN MFG. CO.				
Brush Chipper				
1967-66 All models	290	29NF	3T-5858 π	9X-1382 π
PORTEC, INC.				
Portable Crushing Plants				
1963-58 All	875	6D(1,2)	153-5700	9X-9720
1975-70 All	900	8D	153-5720	101-4000
Pioneer Pavers				
1975-73 All	650	27	153-5656	8C-3601
POWER CURBERS, INC.				
Slip-form Paver				
1999-78 3500, 5500, 5500, 5700, 5700B, 6700, 8700	410	24(1,2)	153-5656	3T-5857
PRIME MOVER CO.				
Forklifts & Loaders				
1991-78 LL-40, LD-50: Cont. engine	385	27	153-5656	8C-3601
1991-79 LL-40, LD-50: John Deere engine	545	30H	3T-5760	115-2422
Mason Tenders, Platform Trucks & Powered Buggies				
1991-60 L-32, L-36, F-20, F-40A, M-20	260	24	153-5656	3T-5857
Skid Steer Loader				
1991-78 L-600, L-700, LS-70, LS-75, LS-76	250	22NF	3T-5859 ∞	9X-1384 ∞
1991-81 L-925, L-930, L-1200, L-1300	450	24	153-5656	3T-5857
1988-80 L-930, L-1200	400	3ET	8C-3620	—
PUCKETT BROS. MFG. CO., INC.				
Asphalt Pavers & Rollers				
1990-74 T-450, -450D, -650, -BD; S-240	525	70	156-5660 Ω	7X-6100
Concrete Curbers & Utility Graders				
1990-75 SF-820D; 510B, 510D	925	31	175-4390	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Truck-Mounted Cranes & Power Shovels				
1961-55 J2, S2, S3, 80, 100, 85A, 85B, 100B, 105A	525	1	8C-3617	8T-9734
1961-58 125, -A, -B; & 1959 150A, -B: Gas eng.	625	3	153-5690	8C-3630
1961-60 125, 125-A, -B, 150A, -B: Gas, Diesel	410	27(1,2)	153-5656	8C-3601
1961-60 180B, 200B, 225B, 250B, M-200, -202	410	27	153-5656	8C-3601
READY-POWER				
Trucks				
1961-59 CH	325	24	153-5656	3T-5857
1965-59 CH2, HA4, J2, L5	350	3EE	8C-3620	—
1965-58 H, HA, -2, -3, J, L2, L3, L4, N, NL, P, R, RD18DX, S, V	575	2E(1,2)	8C-3632 Δ	—
1965-58 RD9DX, RD14DX	600	2(2)	153-5690	8C-3629
RAYGO WAGNER				
See "ALLIED SYSTEMS CO."				
REINCO EQUIPMENT				
Hydrograssers				
1999-95 HG-5H, HA: w/o elec. reel	245	U1R	8C-3636 \$	—
w/ elec. reel	425	24	153-5656	3T-5857
1994-89 HG-5GA: w/o elec. reel	245	U1R	8C-3636 \$	—
w/ elec. reel	410	24	153-5656	3T-5857
1988-73 HG-8: Gas	410	24	153-5656	3T-5857
HG-8: Diesel: Duetz F4L912, Deere	685	30H	3T-5760	115-2422
Duetz F2L511D	410	24	153-5656	3T-5857
1977-73 HG-10: Gas	410	24	153-5656	3T-5857
1985-73 HG-10: Diesel, HG-10M: John Deere 4.219D	685	30H	3T-5760	115-2422
Other engines	410	24	153-5656	3T-5857
1990-85 HG-10EG: Kubota V-1702B, Yanmar 4TN82E	685	30H	3T-5760	115-2422
Others engines	410	24	153-5656	3T-5857
1999-90 HG-10GM, HG-10GX: Isuzu 3KRI-VA05, Wisconsin W4-1770, Ford VSG-413	425	24	153-5656	3T-5857
1994-90 Other engines	685	30H	3T-5760	115-2422
1980-74 HG-13, HG-13M: Ford FD200	410	24	153-5656	3T-5857
John Deere 4.219D	685	30H	3T-5760	115-2422
1999-94 HG13GX: Isuzu 3KRI-VA05	685	30H	3T-5760	115-2422
1999-94 w/ Elec. reel	850	24	127-0824	—
1999-94 Wisconsin W4-1770, Ford VSG-413	425	24	153-5656	3T-5857
1979-73 HG-15: Ford ex. F245D	410	24	153-5656	3T-5857
John Deere 4.219D, Ford F245D	685	30H	3T-5760	115-2422
1989-85 HG-15G: Ford	410	24	153-5656	3T-5857
Other engines	685	30H	3T-5760	115-2422
1999-90 HG-15GM, HG-15GX, HG-20GX	685	30H	3T-5760	115-2422
1985-79 HG-15M: Ford FD250	410	24	153-5656	3T-5857
Other engines	685	30H	3T-5760	115-2422
1979-73 HG-25: Ford FD300	410	24	153-5656	3T-5857
Other engines	685	30H	3T-5760	115-2422
1997-80 HG-25GG, -25M, -30G, -30GM, -30GX	685	30H	3T-5760	115-2422
1992-73 All w/ optional trailer brake system	100	U2	8C-3636 ≠	—
Power Mulchers				
1999-95 M65-D	685	30H	3T-5760	115-2422
1999-73 M60F6, M65-W, TM7-30	425	24	153-5656	3T-5857
1999-75 M80, M80-C, M90	685	30H	3T-5760	115-2422
1999-87 TM-JR, TM-JR-E	245	U1R	8C-3636 \$	—
REXNORD INC.				
See "REXWORKS"				

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
REXWORKS, INC.				
<i>Formerly "REXNORD INC."</i>				
Compactors				
1993-67 3-30, 3-35, 3-45, 3-50, 3-50A	975	8D(1,2)	153-5720	101-4000
1993-78 3-55, 3-55B, 3-70, 3-70A, 3-80, 3-90, 3-90C	975	8D(2)	153-5720	101-4000
Pavers & Pneumatic Rollers				
1973-59 34ED (GD Models), 3-30, 3-50	775	4D	153-5700	9X-9720
1970-66 Rex-Pac	280	29NF	3T-5858 π	9X-1382 π
Pumps				
1969-67 4" LD (NHD), 4" LSW (NHMF)	280	29NF	3T-5858 π	9X-1382 π
1966-59 4" LSW (NHMF)	550	1	8C-3602	9X-1382
1972-59 40MW (NHW), 1605 (C2) 200D (CPD), 200S (CP)	550	1	8C-3617	8T-9734
Stabilizers				
1977-58 D-47, DS-47, D7W, GS7, PTS	590	4(2)	8C-3633	8T-9733
1977-63 DMS, DMS8-48, HDMS, PTDMS	280	29NF(4)	3T-5858 π	9X-1382 π
1992-85 HSPS	600	27F(2)	8C-3602	9X-1382
1992-56 HSPS, Optional, PTS	590	4(2)	8C-3633	8T-9733
1992-67 SPDMS, Rex Pactor 3-30, 3-50	775	4D(1,2)	153-5700	9X-9720
1975-65 SPDMS, Mobile Hyd. Hammer, Rex Pactor 3-40	280	29NF(1,4)	3T-5858 π	9X-1382 π
Steel Wheel Rollers				
1977-60 Rex Roll 5, 6, 8, 10, 12, 14: Gas	280	29NF	3T-5858 π	9X-1382 π
Diesel	360	27F	8C-3602	143-4084
Vibratory Rollers				
Self-Propelled:				
1993-76 SP400, SP600, SP700, SP900	600	27F	8C-3602	9X-1382
1993-68 SP600D, -PD, SP848, -D, -DH, -PD, SP900A	775	4D	153-5700	9X-9720
1993-73 SP910, SP1000, SP1100, SP1300	775	4D	153-5700	9X-9720
1973-72 SP1300	600	27F	8C-3602	9X-1382
1971-68 All	775	4D	153-5700	9X-9720
1969-67 All pull type	280	29NF	3T-5858 π	9X-1382 π
ROSCO MFG. CO.				
Road Oil Distributors				
1981-62 ROE, RRE, RES	225	24	153-5656	3T-5857
Road Rollers				
1980-59 All	225	24	153-5656	3T-5857
1995-92 Trupac (Rubber Tired)	950	24	—	—
Street Flushers				
1981-59 MTA: All	225	24	153-5656	3T-5857
Sweepers				
1981-60 All	225	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
RPC CORPORATION				
Straddle Cranes				
1986-79 C500, C750, C1100: Gas	340	24	153-5656	3T-5857
1986-79 Diesel	1100	8D	153-5720	101-4000
1982-73 1400	340	24	153-5656	3T-5857
1986-73 1600, 1800, 11000, HD480, -680, -880	1100	8D	153-5720	101-4000
1986-81 HD1080, -1280, -1580, HD1080ST, HD-RR	1100	8D(1,2)	153-5720	101-4000
SAFETY TEST & EQUIPMENT CO.				
See "WOOD CHUCK CHIPPER CORPORATION"				
SAKAI AMERICA, INC.				
Feed Loader				
1995-75 FL50, FL300 (Requires 2 batts.)	450	27(1,2)	153-5656	8C-3601
Road Planer				
1995-72 ER160, ER300, ERF300	850	4D(2)	153-5700	9X-9720
Rubber Tired & Steel Rollers				
1995-66 T2, TS150, TS150H, TS290, TS7409; R-1, R-2	660	4DLT(2)	153-5700	8C-3622
1995-86 TS31, TS200 TS600; R-2S, H.T.	450	27(2)	153-5656	8C-3601
Towed Vibrating Rollers				
1995-85 PV20, PV20T	325	22NF	3T-5859 ∞	9X-1384 ∞
Optional	270	45	—	—
Vibrating Rollers				
1995-77 SV8,	340	24	153-5656	3T-5857
1995-74 SV100, SV70 Series, SV90(A), SV90T(D)	660	4DLT(2)	153-5700	8C-3622
1995-85 SV200, SV500 Series, SG25, TG25, SW40, SW41	450	27(1,2)	153-5656	8C-3601
1995-72 SV91(A), SV91T(D), SV55-TV55, SW70	660	4DLT(1,2)	153-5700	8C-3622
1995-72 SV25, -40, -41, -70C, TW40, -41, -70C	450	27(1,2)	153-5656	8C-3601
1995-75 SV10	355	24	153-5656	3T-5857
1993-92 SW25, TW25	450	28	153-5656 ≠	3T-5857 ≠
1995-80 SW70C, TW70C	450	27(2)	153-5656	8C-3601
1995-84 SW100, TW100	660	4DLT(2)	153-5700	8C-3622
1995-93 SW350, -500, -750, TW350, -500, -750	450	27(2)	153-5656	8C-3601
SAUERMAN				
Power Scrapers				
1971-62 ASD-1302, -1302TC, -2002, -TC, -2515, -2602, -4002	1000	8D	153-5720	101-4000
1967-62 ASD-2602TC, -4002TC, -5402TC, -2515TC, -3015, -TC	1000	8D(2)	153-5720	101-4000
1971-62 ASG-902, -1302, -2002, -2602	900	7D	8C-3635	8T-9731
1969-62 ASG-4002, -5402	1000	8D	153-5720	101-4000
Slackline Cableway Machines				
1971-62 UCD-2131, -TC, -2201, -2261, -2401	1000	8D	153-5720	101-4000
1971-62 UCD-2201TC, -2261TC, 2401TC, 2541, -TC, -2651, -TC, 2911, -TC	1000	8D(2)	153-5720	101-4000
1967-62 UCG-2131, -2201, -2261	900	7D	8C-3635	8T-9731

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

SCHILD BANTAM — SKAGIT PRODUCTS



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
SCHILD BANTAM				
Crane & Shovel Units				
1962-53 C-, CR-, T-35	550	1(1,2)	8C-3617	8T-9734
1966-62 Gas	410	27	153-5656	8C-3601
Diesel, C-450, T-450	1000	8D	153-5720	101-4000
1966-54 T-250, 200, 300 Carrier	575	3N	153-5690 ∞	8C-3630 ∞
1966-59 54 Carrier, 206, 306 Carrier, 400 Series Carrier	410	27	153-5656	8C-3601
1966-65 206, 306 Carrier	1000	8D	153-5720	101-4000
SCHRAMM, INC.				
Crawler Mtd. Drill Rigs				
1989-75 C42B, C42HB, C64HC, C66C, C560 C985H Rotadrill	865	5D(2,4)	8C-3633	8T-9733 Y
1988-85 C685, C685H Rotadrill	1400	8D(2)	153-5720	101-4000
2000-85 SC25M, -30M, -40M, -45M Rotadrill	1400	8D(2)	153-5720	101-4000
2000-85 SCH25M -30GC, -30M, -45M Rotadrill	1400	8D(2)	153-5720	101-4000
Portable Air Compressors				
Pneumapower:				
1965-58 20, 35, 125 Unistage	600	2E(1,2)	8C-3632 Δ	—
1970-66 20, 35	325	3EE	8C-3620	—
1984-61 40, 85, 100, 125 (From 1961), 160, 85, 125	425	3ET(1,2)	8C-3620	—
1969-55 75, 125, 250 Unistage	550	1(2)	8C-3617	8T-9734
1983-80 185	630	31	175-4370	175-4390
1965-36 210, 250 Unistage	630	2(2,4)	153-5690	8C-3629
1979-58 315, 375, 600	860	5D(2)	8C-3633	8T-9733 Y
Powair:				
1980-64 200, 240/350, 250	825	5D(2)	8C-3633	8T-9733
1985-79 250	510	30H(2)	3T-5760	115-2422
1989-62 425/350 Hi-Pressure, 600, 850/350 Hi-Pressure	810	5D(4)	8C-3633	8T-9733
2000-89 1000/350 Hi-Pressure	1400	8D(2)	153-5720	101-4000
Tractor Air Compressors				
Pneumatractor:				
1970-55 62, 160HT; 125, 250, 300; Gas	550	1(2)	8C-3617	8T-9734
1970-59 125; Diesel	425	3ET(2)	8C-3620	—
1995-67 250, 300; Diesel, S-200, HT-300B, -300C, S-250	860	5D(2,4)	8C-3633	8T-9733 Y
1981-68 HT-160, S-160	425	3ET	8C-3620	—
Trailer Mtd. Drill Rigs				
1997-82 TM90, TM140, T450W, T450WS; Rotadrill	1400	8D(2)	153-5720	101-4000
1993-75 T450, T450H, T450M, T985HA; Rotadrill	810	5D(4)	8C-3633	8T-9733
1991-75 T64HB, T66B, T66H, T660, T660M, T660H; Rotadrill	825	5D(4)	8C-3633	8T-9733 Y
1999-80 T660W, T660WS, T685, -H, -DHH, -W, T685WS; Rotadrill	1400	8D(2)	153-5720	101-4000
1991-82 T685DHH, T685H	1400	5D	8C-3633	8T-9733
1997-91 T685W	1400	5D	8C-3633	8T-9733
2000-98 TM160, TM200	1400	8D	153-5720	101-4000
SHEPPARD				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Power Units				
1965-40 7, 7D, 8, 9, 14, 16, 17, 17A, 19, 250	550	1(2)	8C-3617	8T-9734
1965-40 6A-1, 6D, 12, 12D, 13, 13D, 16B, 19B, 19D	900	4(2)	8C-3633	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
SICARD INDUSTRIES, INC.				
Snowplows				
1981-63 1500, 2100, 3100, SW-314, BM	325	3EE	8C-3620	—
2000-73 2200, 3200; w/ Cummins engine, SW314D	950	8D	153-5720	101-4000
1981-73 3200; w/ DD engine, 5000, 7000	900	4D	153-5700	9X-9720
1981-54 2200; w/ DD 4-53 engine, BB-636, -660, -860	325	3EE	8C-3620	—
1981-59 BK, BL; w/ IHC engine, JSM (BJ)	425	3ET	8C-3620	—
w/ AC, Cat. engines	950	8D(1,2)	153-5720	101-4000
w/ Waukesha engine	535	30H	3T-5760	115-2422
1981-76 5000, 7000	800	4D	153-5700	9X-9720
Spreaders & Sweepers				
1973-62 MS-23B	325	3EE	8C-3620	—
1968-57 SW-112	535	30H	3T-5760	115-2422
SILENT HOIST & CRANE CO., INC.				
Fork Lift Trucks				
1991-58 CD, CDH, FK, FCK, FKS, FS; Gas	485	27	153-5656	8C-3601
1967-46 CD, CDH	440	1	8C-3617	8T-9734
1991-73 FK, FKS, FS; Diesel	975	8D	153-5720	101-4000
1979-73 FS Cummins	760	4D(2)	153-5700	9X-9720
Mobile Cranes				
1975-46 A, AX, AY, CD, CDH	440	1	8C-3617	8T-9734
1991-46 AXH, AYH, AZH, AX, AY, AZ, FAX, FAY, FAZ, CD, CDH	485	27	153-5656	8C-3601
1991-64 CAX, CAY, CAZ; Gas	485	27	153-5656	8C-3601
1991-75 Diesel	975	8D	153-5720	101-4000
SKAGIT PRODUCTS				
<i>Formerly "LTV ENERGY PRODUCTS CO.," "CONTINENTAL EMSCO CO."</i>				
Hoists				
1964-58 All models	805	4D(1,2)	153-5700	9X-9720
1986-79 BU-18, G-70, RB-80, RB-90	900	4D	153-5700	9X-9720
1986-79 MD-97, RB-150	910	8D(2)	153-5720	101-4000
Mobile Loggers				
1964-60 SJ-2-R, SJ-4-RT, SJ-7-R	805	4D(2)	153-5700	9X-9720
1960-58 Ford 272	805	4D	153-5700	9X-9720
1961-59 All	805	4D(1,2,3)	153-5700	9X-9720
Tower Yarder				
1964-62 TY-60	805	4D(2)	153-5700	9X-9720
Winches				
1986-79 DTW-100	900	4D	153-5700	9X-9720
1986-79 DTW-150	910	8D	153-5720	101-4000
Yarders & Loaders				
1986-79 BU-199, -90G, -737, -739, SY-717, SY-757, SY-767	910	8D(2)	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

SMI (WATERTOWN, NY) — SULLAIR CORPORATION

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
SMI (WATERTOWN, NY)				
Rotary Snowplowers				
1981-61 BB-636, -660, -860, BM, 1500, 2100, 3100, SW-314	310	3EE	8C-3620	—
1981-61 BK: IHC	425	3ET	8C-3620	—
w/ Allis-Chalmers engine	900	8D	153-5720	101-4000
1981-63 BL: A-C, Cat.	900	8D(2)	153-5720	101-4000
1981-61 w/ Waukesha engine	545	30H	3T-5760	115-2422
1975-63 JSM (BJ)	425	3ET	8C-3620	—
1981-73 SW-314D	900	8D	153-5720	101-4000
1981-73 2200: DD 4-53	310	3EE	8C-3620	—
w/ Cummins engine	900	8D	153-5720	101-4000
1981-73 3200: DD 6V-71	800	4D	153-5700	9X-9720
w/ Cummins engine	900	8D	153-5720	101-4000
1981-73 5000, 7000	800	4D	153-5700	9X-9720
Spreader				
1975-62 MS-23B	310	3EE	8C-3620	—
Sweeper				
1970-61 SW-112	540	30H	3T-5760	115-2422
SMITH, GORDON & CO., INC.				
<i>Formerly "GORDON, SMITH & CO."</i>				
Portable Air Compressors				
1968-57 45, 75	320	60	—	—
1986-68 45, 70, 75, 90, 100, 125, 150, 125, 150	505	27	153-5656	8C-3601
1995-81 100, 160, 200	500	24(1,2)	153-5656	3T-5857
1995-86 110D, 125DP, 175D, -DP, 200, -DP	900	31	175-4390	—
1970-64 160	500	3(2)	153-5690	8C-3630
1985-84 160	400	22F	3T-5859	9X-1384
SMITH, T.L.				
<i>Division of ATO INC.</i>				
Concrete Mixers				
1974-59 w/ Chrysler, Ford Engine	375	24	153-5656	3T-5857
1973-65 w/ GM Diesel engine	975	8D	153-5720	101-4000
SNORKEL ENGINEERING				
<i>Subsidiary of OMNIQUIP INTERNATIONAL, INC.</i>				
Snorkelift				
1995-89 5000D, G	330	22F	3T-5859	9X-1384
2000-89 ATB42, ATB46E, 46N, ATB50, ATB60, Pro 66, ATB33/38	600	27	153-5656	8C-3601
2000-94 Pro 100, 126	600	27(3)	153-5656	8C-3601
2000-92 SL15, 18, 19, 20, 25	220	GC2	8C-3641	—
Optional	240	4	8C-3633	8T-9733
2000-96 SLH, SLA-27, -35	575	27	153-5656	8C-3601
2000-82 TB120, TB Series: All	600	27(1,2,3)	153-5656	8C-3601
1998-86 Uno 33, 41	575	27	153-5656	8C-3601
SPECTRUM				
Electric Power Plants				
Gas:				
1999-97 20-100GS, 135-180GS (60Mz)	900	24(1,2)	127-0824 Y	—
1999-97 50Mz	1000	31(2)	175-4390	—

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Electric Power Plants (continued)				
Diesel:				
1999-97 20DS, 125DS	700	26	250-0489	—
1999-97 30-100DS, -DSE, 30-100DSE	900	24	127-0824 Y	—
1999-97 150-180DS, 200DS, 230-600DS, 750-2000DS	1000	31(2,4,8)	175-4390	—
SPERRY NEW HOLLAND				
<i>See "FORD-NEW HOLLAND"</i>				
STEIGER TRACTOR, INC.				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Industrial Tractors				
1986-82 CA-280, CA-325, CA-360, CU-280, CU-325, CU-360	475	31(4)	175-4370	175-4390
SULLAIR CORPORATION				
Air Compressors				
1985-69 70, 85, 100, 125: Gas	300	22F	3T-5859	9X-1384
Optional	400	24	153-5656	3T-5857
1993-90 80, 100, 125: Gas	815	24F	127-0824	—
1990-86 80: Gas	580	30H	3T-5760	115-2422
1990-86 100, 125: Gas	580	30H	3T-5760	115-2422
1993-90 Diesel	815	24F	127-0824	—
1990-78 Diesel	580	30H	3T-5760	115-2422
1975-74 150: Gas	410	27	153-5656	8C-3601
Diesel	775	4D	153-5700	9X-9720
1982-76 160, 185: Gas	300	29NF	3T-5858 π	9X-1382 π
1986-85 Diesel	650	31SAE	3T-5760	115-2422
1982-74 Diesel	775	4D	153-5700	9X-9720
1993-90 175, 250, 375: Diesel	800	30H(1,2)	115-2422	115-2421
1990-86 175: Diesel	650	31SAE	3T-5760	115-2422
1993-90 185: Gas or Diesel	800	30H	115-2422	115-2421
1990-83 185: Gas or Diesel	650	31SAE	3T-5760	115-2422
1990-85 250: Diesel	650	31SAE	3T-5760	115-2422
1990-78 250, 300, 330, 375: Diesel	775	4D	153-5700	9X-9720
1985-74 250, 350, 375: Diesel	975	8D	153-5720	101-4000
1993-82 600, 750: Diesel	960	4D(2)	153-5700	9X-9720
1985-74 Optional	975	8D(2)	153-5720	101-4000
1993-77 600, 800, 805, 825, 900: Diesel	775	4D(1,2)	153-5700	9X-9720
1993-74 800, 900, 1050, 1250, 1600, 3200: Diesel	975	8D(2,4)	153-5720	101-4000
1990-84 H185: Diesel	650	31SAE	3T-5760	115-2422
1987-80 H275/300: Diesel	975	8D	153-5720	101-4000
1990-83 H300, H425, H600, H750: Diesel 150psi	775	4D(1,2)	153-5700	9X-9720
1990-89 300 psi, 350 psi	975	8D(2)	153-5720	101-4000
1990-80 H900: Diesel 150 psi, 350 psi	975	8D(2)	153-5720	101-4000
1990-85 H1050, H1250 Diesel 150psi, H1300 Diesel	975	8D(2)	153-5720	101-4000
Generator Sets				
1985-79 10-, 15-, 20-, 25-, 35-, 30-, 35-, 45KW	475	3ET	8C-3620	—
1985-82 25-, 30-, 45-, 50-, 55KW, 35KW	775	4D	153-5700	9X-9720
Optional, 50W	975	8D	153-5720	101-4000
1985-80 50-, 75-, 70-, 85-, 100-, 125-, 150KW	975	8D	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

SUPERIOR EQUIPMENT — TEREX CORPORATION



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
SUPERIOR EQUIPMENT CO.				
Buckeye Ditchers				
1991-90 300G, 403	1115	8D	153-5720	101-4000
300-D, 300-G, 400-B, 403:				
1975-59 Chrysler, Cont., IHC-263 engines	360	27	153-5656	8C-3601
1989-59 All other engines	1115	8D	153-5720	101-4000
1991-60 310 Super 7, 318, Super "H" Hydrostatic, Super "H"+	1115	8D	153-5720	101-4000
T & J INDUSTRIES, INC.				
Mobile Hydraulic Crane				
1984-74 MHC 85	1000	8D	153-5720	101-4000
Rail Car Mover & Spotter				
1985-72 SWX20, -30, -40	850	4D	153-5700	9X-9720
1984 SWX80	500	31(3)	175-4370	175-4390
Rear Dump Haulers				
1985-65 240-, 250-, 258-, 265C, 22-, 24-, 25-, 235-, 245-, 258R	1000	8D(2)	153-5720	101-4000
Shuttle Spotter				
1985-83 SS300	850	4D	153-5700	9X-9720
Optional	500	31(3)	175-4370	175-4390
1985-84 SS500	1000	8D	153-5720	101-4000
TAMPO MFG. CO.				
Pneumatic Road Rollers				
1965-54 SP-9	550	1(1,2)	8C-3617	8T-9734
1966-57 SP-11: Gas	350	60	—	—
Diesel	550	2(2)	153-5690	8C-3629
1977-62 SP-312: Gas 12-volt	290	29NF	3T-5858 π	9X-1382 π
1965-61 6-volt	450	2	153-5690	8C-3629
1972-65 SP-518: Gas 12-volt	290	29NF	3T-5858 π	9X-1382 π
1987-76 SP-312, -HD, SP-518: Diesel	800	4D	153-5700	9X-9720
1986-64 SP-750, SP-950, SP-1070, -M: Diesel	800	4D	153-5700	9X-9720
Optional	900	8D	153-5720	101-4000
Self-Propelled, Vibratory				
1982-81 RS-03	315	22F	3T-5859	9X-1384
1976-71 RS-16: Gas	290	29NF	3T-5858 π	9X-1382 π
1990-72 RS-16: Diesel; RS-16A	800	4D	153-5700	9X-9720
1977-70 RS-28, -28A	660	4D	153-5700	9X-9720
1983-68 RS-210, RS-288A	800	4D	153-5700	9X-9720
1979-68 RH-48, RP-38, -48, -310, RS-28, -210, -310, RS-410	860	8D	153-5720	101-4000
1990-75 RP-28D, -58, -58D, RS-28C, -28D, -58, -58D,	800	4D	153-5700	9X-9720
1990-73 RH-16A, -28D, RP-16D, RS-16D, 156A, -166A	800	4D	153-5700	9X-9720
1983-76 RS-144A	450	24	153-5656	3T-5857
1986-74 RS-188A, RH-199	1000	8D	153-5720	101-4000
Early Models				
1975-64 VP-60: Gas w/ Ford engine	290	29NF	3T-5858 π	9X-1382 π
w/ Cont. F-162 engine	450	2	153-5690	8C-3629
1973-60 VC-80: Gas, Deutz 6-volt	350	3EE	8C-3620	—
w/ Wisc. engine, 6-volt	500	2E	8C-3632 Δ	—
All 12-volt engines	450	24	153-5656	3T-5857
1973-65 VP-90: Gas, All 6-volt	450	2	153-5690	8C-3629
All 12-volt	290	29NF	3T-5858 π	9X-1382 π
1973-67 VS-125, VC-400: Diesel	860	8D	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Steel 3-Wheel & Tandem, Sheepsfoot				
1969-64 5-8, 8-10, 8-12 ton 12-volt	290	29NF	3T-5858 π	9X-1382 π
1974-66 SP-500 12-volt	860	8D	153-5720	101-4000
TCI POWER PRODUCTS, INC.				
See "GEHL COMPANY"				
TENNANT CO.				
Concrete Groover				
1983-64 Model G	450	1	8C-3617	8T-9734
Scarifiers				
1968-64 L, R	450	1	8C-3617	8T-9734
1983-64 K-4	220	U1	8C-3636	—
1983-66 L-2, 2-R	280	24	153-5656	3T-5857
Scrubbers				
1983-78 432: Standard (Mins. @ 75A to 5.25V)	106 min	GC-2(6)	8C-3641	—
1983-78 432: Heavy-Duty (Mins. @ 75A to 5.25V)	88 min	GC-2(6)	8C-3641	—
1983-75 520, 527, 550	280	24	153-5656	3T-5857
Sweepers				
1983-64 42, T-42, -HD	220	U1	8C-3636	—
1983-64 T-53, -85, -86, -88, -90, -91, -100	280	24	153-5656	3T-5857
1983-70 92, 210, 220, 240, 250, 260, 265, 280, 520, 525, 550	280	24	153-5656	3T-5857
1983-81 717, Trailblazer	280	24	153-5656	3T-5857
TEREX CORPORATION				
Crawlers				
1983-75 82-20	490	30H(4)	3T-5760	115-2422
1983-75 82-30B, 82-50	935	8D(2)	153-5720	101-4000
1998-84 D800	935	8D(2)	153-5720	101-4000
Haulers				
1983-58 Electric start	935	8D(2,4)	153-5720	101-4000
1983-73 Air start	490	30H(2)	3T-5760	115-2422
1973-58 Air start	760	4D	153-5700	9X-9720
1998-84 3305B, TR34/40/45/60	760	4D(2)	153-5700	9X-9720
1998-84 3310F, 3311D/E, 33100/100B, TR100, 3310E	935	8D(2,4)	153-5720	101-4000
1998-84 3311C/D, 3307/09 Air Start	490	30H(2)	3T-5760	115-2422
Articulated Haulers				
1998-84 All	760	4D(2)	153-5700	9X-9720
Scrapers				
1998-84 S-24B/C, TS-24B/C/D	935	8D(2)	153-5720	101-4000
1998-76 TS-14B, TS-14C/D/DI/F	760	4D(2)	153-5700	9X-9720
Loaders				
1983-75 All ex. 72-21B, 72-31B	935	8D(2)	153-5720	101-4000
1983-79 72-21B	490	30H(3)	3T-5760	115-2422
1998-58 72-31B, Air Starters	760	4D(2)	153-5700	9X-9720
1975-58 All w/ 12-, 24-volt starters	935	8D(1,2)	153-5720	101-4000
1998-84 90C, 7220	935	8D	153-5720	101-4000

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Scrapers				
1983-71 S-11E, TS-14, -14B	760	4D(1,2)	153-5700	9X-9720
1983-71 TS-24, S-24, TS-32, -32B	935	8D(2,4)	153-5720	101-4000
THEW-LORAIN				
Crawler Machines				
1966-58 L-26: w/ DD 3-71 engine	900	7D(2)	8C-3635	8T-9731
w/ Cat., Waukesha engines	650	2(1,2)	153-5690	8C-3629
1966-65 L-26-K3: GM 3-71	880	7D	8C-3635	8T-9731
1966-65 L-36 Pipeliner	975	8D	153-5720	101-4000
1966-52 L-50: w/ DD 3-71 engine	975	8D	153-5720	101-4000
w/ Cat., Waukesha engines	650	2(1,2)	153-5690	8C-3629
1966-58 L-51, -56: w/ Waukesha engine, L-36	825	4(2)	8C-3633	8T-9733
w/ Cat., Cummins, DD engines	975	8D(1,2)	153-5720	101-4000
1966-58 L-72: w/ Cat. D326 engine	650	2	153-5690	8C-3629
w/ DD 6-71 engine	975	8D	153-5720	101-4000
1961-59 L-85, L-85A: w/ Cat. D-337F	650	2	153-5690	8C-3629
All other engines	975	8D(2)	153-5720	101-4000
1966-59 L-86, -775, -820A	975	8D(1,2)	153-5720	101-4000
Crawler Shovel-Crane				
1966-64 Lorain 51	825	4(2)	8C-3633	8T-9733
Front End Loaders				
1966-63 ML-200, -225, -250, -275: w/ Cont. engine	525	1(2)	8C-3617	8T-9734
w/ Cummins, DD engines	900	7D(2)	8C-3635	8T-9731
1966-60 ML-307, -325	975	8D(1,2)	153-5720	101-4000
Moto-Cranes, Rubber Tires w/ Two Engines				
1965-56 MC-107: w/ Cont. engine	525	1(1,2)	8C-3617	8T-9734
w/ Cummins engine	900	7D(2)	8C-3635	8T-9731
w/ Ford engine	325	24	153-5656	3T-5857
1961-56 MC-110: w/ Ford 223, 254 engines	650	2	153-5690	8C-3629
w/ Ford 272 engine	325	24	153-5656	3T-5857
w/ DD 2-71 engine	900	7D(2)	8C-3635	8T-9731
1965-52 MC-254, -254W: w/ DD 3-71 engine	900	7D(2)	8C-3635	8T-9731
w/ other engines	650	2(1,2)	153-5690	8C-3629
1966-64 MC-320, -325, -330: w/ Waukesha eng.	825	4(2)	8C-3633	8T-9733
w/ other engines	975	8D(1,2)	153-5720	101-4000
1961-53 MC-424, -W, -425, -W, -WL: w/ DD 4-71 eng.	975	8D	153-5720	101-4000
w/ Waukesha 140 series engines	825	4(2)	8C-3633	8T-9733
w/ other Waukesha engines	650	2(1,2)	153-5690	8C-3629
1960-59 MC-430	825	4(2)	8C-3633	8T-9733
1961-56 MC-530, -W: w/ Waukesha 140GK eng.	650	2(1,2)	153-5690	8C-3629
w/ all other engines	975	8D(1,2)	153-5720	101-4000
1966-63 MC-540, -A, -545, -550: w/ Wauk. engine	825	4(2)	8C-3633	8T-9733
w/ all other engines	975	8D(1,2)	153-5720	101-4000
1966-59 MC-760, -A, -770, -775, -794, -9115	975	8D(1,2)	153-5720	101-4000
1961-56 SP-100: w/ Ford 223 engine	975	8D	153-5720	101-4000
1966-59 SP-107: w/ Fordomatic trans.	800	4D	153-5700	9X-9720
w/ Cont. 6D157, Ford 172 engines	525	1(1,2)	8C-3617	8T-9734
w/ other engines	900	7D(2)	8C-3635	8T-9731
1966-59 SP-108A: w/ Ford 220 engine	800	4D	153-5700	9X-9720
w/ Cont. F-186 engine	900	7D(2)	8C-3635	8T-9731
1966-52 SP-254, -254W: w/ DD 3-71 engine	900	7D(2)	8C-3635	8T-9731
w/ other engines	650	2(1,2)	153-5690	8C-3629
1966-55 SP-350, -425, -530W: w/ Waukesha eng.	650	2(2)	153-5690	8C-3629
w/ Cummins 135GZ engine	825	4(2)	8C-3633	8T-9733
w/ all other engines	975	8D(1,2)	153-5720	101-4000
1967-54 501, -P, 502, -P, 510P, 540, 590, 600, -P, 601P	410	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Moto-Cranes, Rubber Tires w/ Two Engines (continued)				
1967-59 501D, -PD, 502D, -PD, 601PD	500	30H	3T-5760	115-2422
1967-56 540D, 600D	800	4D	153-5700	9X-9720
1965-56 Series 4-5 models: Cat. D-318G, D-330	900	8D(2)	153-5720	101-4000
Cat. D-318, Waukesha eng.	660	2(1,2)	153-5690	8C-3629
THOMAS EQUIPMENT, LTD.				
Skid Steer Loaders				
1994-77 T81, -82, -83, -103, -132, -133	590	24	153-5656	3T-5857
1994 T835, T1335	600	27	153-5656	8C-3601
1994-81 T173HL, -173K	625	30H	3T-5760	115-2422
1994 T173HLS	720	34/78	127-0826	250-0486
1994-78 T173P, T233P, T183HD, T203HD, T233HD, T233K	625	30H	3T-5760	115-2422
1983-77 1210, 1220, T171, T172, T231, T232, T1230	450	24	153-5656	3T-5857
TODCO DIVISION				
WATSON				
"E" Lift Gate Models				
<i>With Independent Trailer:</i>				
1987-68 ST, TWL, WT, SL, LST, TT, VL	900	8D	153-5720	101-4000
1967-63 Weightlifter, Hide-A-Lift	900	8D	153-5720	101-4000
TOWMOTOR				
Lift Trucks				
1966-40 50, 55, 60, 62, 72, 90, 680P, -SPL, K-5	690	3	153-5690	8C-3630
1971-57 35, 350, 351, 391, 392, 421, 422, 462, 502	325	24	153-5656	3T-5857
1969-59 400P, 410, 411, 440, 441	300	29NF	3T-5858 π	9X-1382 π
1971-59 461D, 462D, 502, -D, 601PD, V30D, V40D, V50D	475	30H	3T-5760	115-2422
1971-59 500, -P, 502, 510P, 511P, 540, 600, 601P, 670	325	24	153-5656	3T-5857
1971-58 540D, 600D, 670D, 680PD, V41D, V51D, V60D	825	4D	153-5700	9X-9720
1971-59 680P, -SPL, 750, 760P, 850, 860P, 900, 950, 960P	325	24	153-5656	3T-5857
1970-60 K-5, T-30 thru T-60, V-30 thru V-60	325	24	153-5656	3T-5857
TOYOTA MOTOR CORPORATION				
Fork Lifts				
42-5FG25	450	24F	3T-5858	9X-1382
42-6FGU25	390	35	145-4518	250-0487
TRACTOMOTIVE				
<i>See Farm Equipment section</i>				
TREE FARMER EQUIPMENT CO., INC.				
<i>Includes "Hawker Siddeley Canada Inc." Feller Bunchers & Skidders</i>				
1986-72 FB-67; C4D, C5D, C6D, C6E, C7D, C7T, C8C	545	30H(2)	3T-5760	115-2422
TROJAN INDUSTRIES, INC.				
<i>Formerly "EATON CORP."</i>				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Feller Buncher				
1980-79 1600	590	4(2)	8C-3633	8T-9733

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

TROJAN INDUSTRIES, INC. — VERMEER MFG. CO.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Tractor Shovels				
1967-60 112, 114, 124: Gas	370	27	153-5656	8C-3601
114, 124: Diesel	790	4(2)	8C-3633	8T-9733
1964-63 124A: UD-264	370	27	153-5656	8C-3601
All other engines	790	4(2)	8C-3633	8T-9733
1964-54 134: GM 3-53, IHC UD-282	865	5D(2)	8C-3633	8T-9733 Y
Herc. D-298-H, Penta D-47	815	4D	153-5700	9X-9720
All other engines	370	27	153-5656	8C-3601
1965-64 134A	790	4(2)	8C-3633	8T-9733
1967-60 164, 164A: Gas	370	27	153-5656	8C-3601
164: Diesel	815	4D	153-5700	9X-9720
164A: Diesel	790	4(2)	8C-3633	8T-9733
1967-59 204, -A: Cummins eng.	900	8D(1,2)	153-5720	101-4000
GM 3-71	815	5D	8C-3633	8T-9733
GM 4-53	790	4(2)	8C-3633	8T-9733
Penta D-67	475	30H(2)	3T-5760	115-2422
All other engines	370	27	153-5656	8C-3601
1967-59 254, 300, 304A, 400, OS-10, 3000	790	4(4)	8C-3633	8T-9733
1964-57 304, 404	880	7D(4)	8C-3635	8T-9731
Wheel Loaders				
1983-73 1500C, -D, 1700C, 1900, -C,	590	4(2)	8C-3633	8T-9733
1991-83 1500Z, 1700Z	800	30H(2)	3T-5760	115-2422
1991-84 1900Z, 2000Z, 3500Z	850	4D(2)	153-5700	9X-9720
1981-72 2000C, 2000D	820	5D(4)	8C-3633	8T-9733
1991-75 2500C, 3000C, 4000E, 4500, 5500Z	925	7D(4)	8C-3635	8T-9731
1991-87 4500Z, L3000, L4500	950	4D(2)	153-5700	9X-9720
1991-76 5500, 7500	975	8D(2)	153-5720	101-4000
UNIT CRANE & SHOVEL CORP.				
Cranes & Shovels				
1960-46 All Gas models ex. 360T, 510T, 513T	400	2L	153-5690 =	8C-3629
1957-55 510T, 513T	525	5D	8C-3633	8T-9733
1958-46 All engines w/ Diesel models	865	5(2)	8C-3633	—
1975-63 Gas engines	305	60	—	—
Diesel engines:	790	4(2)	8C-3633	8T-9733
1980-64 H-30T, H-171, -172, -201, -202, -401, -471	900	8D	153-5720	101-4000
1980-68 300, 400, 500, 750, 1220A, 1220B, 1225WA	650	4(2)	8C-3633	8T-9733
1968-65 360T: Diesel	690	3(2)	153-5690	8C-3630
1986-73 150-H, 342-H, 381-H, 2700B, 2800B, 5000, 5500	900	8D	153-5720	101-4000
UNIT RIG & EQUIPMENT CO.				
INCLUDES DART TRUCK CO.				
1983-62 M-24, -30, -85, -100, -120, -120-17, -200	935	8D(2)	153-5720	101-4000
1983-70 Mark 36, BD-30, BD-180, BWE	935	8D(2)	153-5720	101-4000
Front End Wheel Loaders & Log Stackers				
1985-69 600C, 620C, KW30, KW120	830	8D(2,4)	153-5720	101-4000
Off Highway Trucks				
1985-75 2085, 3065, 3075, 3100, 3120, 4100, 4120, 4150	830	8D(2)	153-5720	101-4000
VERMEER MFG. CO.				
Auger				
1980-63 M-12	250	24	153-5656	3T-5857

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Chippers				
1999-88 620, 620BC, 625BC	485	24	153-5656	3T-5857
1978-70 671: Gas	365	24	153-5656	3T-5857
1987-70 671: Diesel	800	4D	153-5700	9X-9720
1999-91 935BC: 1200BC, 1220BC: Gas	580	24	153-5656	3T-5857
1220BC: Diesel	925	31	175-4390	—
1995 1230BC	925	31	175-4390	—
1991-87 1250: Gas, Diesel (Requires 2 batts.)	580	24(1,2)	153-5656	3T-5857
1995-78 1250BC; 1250UBC, 1600: Gas, 1600A	580	24	153-5656	3T-5857
Compactors				
1993-88 TC4	425	26R	145-4518	3T-5859
1993-89 TC23/33	575	24	153-5656	3T-5857
Cutters & Stump Cutters				
1967-62 F-100	315	60	—	—
1962-58 6, 10, 15	550	1	8C-3617	8T-9734
1967-58 6, 10, 15, 18, 1560	315	24	153-5656	3T-5857
Directional Borers				
1999-91 D7, D14/24	575	24	153-5656	3T-5857
Lawnmasters				
1981-76 Dinky Digger, LM-18	365	24	153-5656	3T-5857
1992-83 LM-35, -40	685	30H	3T-5760	115-2422
1983-79 LM-35	250	22F	3T-5859	9X-1384
Log Splitters				
1987-80 LS-150A	250	22F	3T-5859	9X-1384
1987-71 LS-200	250	24	153-5656	3T-5857
Stump Cutters				
1993-63 6, M-18, 186, 206, 222SC, 618, 1560, 2460A	400	24	153-5656	3T-5857
1971-63 10, 15, 18, 630, 2460A	455	24F	3T-5858	9X-1382
1993-71 630A, 665, 665A, 2465	455	24	153-5656	3T-5857
1991-88 630B	425	26	250-0489	145-4517
1993-90 665B: Gas	485	24	153-5656	3T-5857
Diesel	925	31	175-4390	—
1999-93 672, 1102SC	925	31	175-4390	—
Tree Mover				
1970-65 TM-700	485	24F	3T-5858	9X-1382
Tree Spades				
1993-67 TS-30, -44A, -530, -544: ex. w/ Ford engine	485	24	153-5656	3T-5857
w/ Ford engine	485	24F	3T-5858	9X-1382
Trenchers, Ditchmasters				
2000-88 CC135, -145	1000	4D	153-5700	9X-9720
1963-60 36	550	1	8C-3617	8T-9734
1993-85 CC-90, -135	1155	8D	153-5720	101-4000
1993-91 Flex Trak-75, -115	950	31	175-4390	—
1976-63 M-18, -30, -36, -50, -50D, -60, LM18 (Watch polarity!)	365	24(1,2)	153-5656	3T-5857
1971-63 E-30, M-30, -36, -50, -60, -437, -450, -460, -465 (Watch polarity!)	365	24F	3T-5858	9X-1382
1985-62 M-418, -434, -437, -437A, -440, -450, -450D, -455, Dinky Digger	370	24(1,2)	153-5656	3T-5857
1995-92 Flex Trak -75, -115	950	4D	153-5700	9X-9720

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

VERMEER MFG. CO. — WAGNER MINING EQUIPMENT CO.

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Trenchers, Ditchmasters (continued)				
1995-83 LM-35, -40, -42	685	29H	3T-5760	115-2422
1993-76 M-455A, -475, -475A, -485, -495	1000	4D	153-5700	9X-9720
1987-68 M-220, -245A, -465A, -470, -470D	365	24(1,2)	153-5656	3T-5857
1993-90 M-5850, -7850, T-450, -455	575	24(1,2)	153-5656	3T-5857
1999-94 OCC-135	1150	8D	153-5720	101-4000
2000-95 P-125, -185	950	31	175-4390	—
1984-65 T-100, -200, -218, -230, -300, -300A, -300B, -400	365	24	153-5656	3T-5857
1984-70 T-400A, -400B, -400C	800	4D	153-5700	9X-9720
2000-91 T-555, T-455	950	31(2)	175-4390	—
1970-64 T-600: w/ Ford Gas engine	485	24F	3T-5858	9X-1382
w/ Diesel engine	550	2(2)	153-5690	8C-3629
1975-67 T-600A: w/ Ford engine	485	24F	3T-5858	9X-1382
1975-69 w/ DD 3-53 engine	1000	4D	153-5700	9X-9720
1968-67 w/ Diesel engine	550	2(2)	153-5690	8C-3629
1993-72 T-600B, -600C, -600D, -850, V-7550, -8050	1000	4D(1,2)	153-5700	9X-9720
1993-76 T-650, -800, -800B, -800C, -800HT, -1450, -1455	1155	8D(1,2)	153-5720	101-4000
2000-90 T-655, -658, -755, -758, -850	950	31(2,3)	175-4390	—
2000-96 T-865, -955, -1055, -1255, -1505	1105	8D(2)	153-5720	101-4000
2000-95 TC4A	425	26R	145-4518	3T-5859
1993-78 V-430, -430A, -440, -450, -455A	575	24(1,2)	153-5656	3T-5857
1991-89 V-1550	310	26	250-0489	145-4517
1999-94 V-3550	660	29H	3T-5760	115-2422
1993-92 V-4150, -4750	660	30H	3T-5760	115-2422
Optional	575	24(2)	153-5656	3T-5857
1999-91 V-5050, -5800	625	24(1,2)	153-5656	3T-5857
1999-95 V-5750	660	29H	3T-5760	115-2422
1999-88 V-7650, -8050, -8550	1000	4D	153-5700	9X-9720
1975-62 W-1, -1A, -3	365	24	153-5656	3T-5857
1962-58 W-1, -2, -3	550	1	8C-3617	8T-9734
1967-54 4T, 524T	550	1	8C-3617	8T-9734
1967-63 Optional	315	24	153-5656	3T-5857
VERSATILE EQUIPMENT				
FORD-NEW HOLLAND CANADA LTD.				
<i>Additional equipment listed in the Farm Equipment section.</i>				
Loaders				
1999-90 744	750	4DLT	153-5700 Δ	8C-3622
VME AMERICAS, INC.				
<i>Formerly "CLARK MICHIGAN CO.," "EUCLID," "VOLVO" & VME AMERICAS, INC. See Euclid Hitachi Heavy Equipment, Inc.</i>				
VOLVO				
<i>See EUCLID HITACHI HEAVY EQUIPMENT, INC.</i>				
WABCO				
<i>See "HAULPACK DIVISION"</i>				
WACKER CORPORATION				
Generators				
1999-93 G-25, -45, -60, -75	500	27	153-5656	8C-3601
Light Towers				
1999-95 LT-4, -4S, LTP-4, 4S	330	24/24R	153-5656	3T-5857
Pumps				
1995-83 PT5-3H, -4H	225	22NF	3T-5859 ∞	9X-1384 ∞
1991-88 PT6DS, PT6DT	450	24F	3T-5858	9X-1382
1999-92 PT6LT	685	31	175-4370	175-4390

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Ride-On Trowels				
1999-95 CRT36 & -46 ASO, ASN, KHN	400	26	250-0489	145-4517
Rollers				
1995-90 RD880V	225	22NF	3T-5859 ∞	9X-1384 ∞
1995-87 RSS800A	260	NA	—	—
1999-89 RT560, RT820, R1000, R1000B, R1000S	685	31	175-4370	175-4390
1989-84 R1000, R1000B, R1000S	450	24F	3T-5858	9X-1382
1984-79 R900, R900S	220	24	153-5656	3T-5857
1994-81 WHK 90A, -90L, -50100, WDH86-110	225	22F	3T-5859	9X-1384
1995-87 W74A	260	NA	—	—
Diesel Vibro Plates				
1999-84 DPU 5055, -6055, -6760, -7060	255	22F	3T-5859	9X-1384
WAGNER DIVISION				
<i>See "ALLIED SYSTEMS CO."</i>				
WAGNER, FWD				
<i>See "FWD-WAGNER"</i>				
WAGNER MINING EQUIPMENT CO.				
Loaders				
1989-66 JS-500, HST-1A, ST1, ST-2A, ST-3-1/2	540	30H(1,2)	3T-5760	115-2422
1984-72 MS-1F, -1H, -1 1/2, -2, -3, -3A	950	4D(1,2)	153-5700	9X-9720
1971-60 MS-1F, -1H, -1 1/2	540	30HR	3T-5760	115-2422
1967-60 MS-2, -3, SD-2-1/2, -3, ST-5,	815	4D(1,2)	153-5700	9X-9720
1984-63 ST-1, -1 1/2, -1 1/2A, HST-5, SD-2 1/2, -3	950	4D(1,2)	153-5700	9X-9720
1989-81 ST-1.3A	600	31	175-4370	175-4390
1989-66 ST-2B, -2C, -2D, -3, -6C, -8, -8A, -11, -13	950	4D(1,2)	153-5700	9X-9720
1989-61 ST-4A, -4C, -5, -5A, -5B, -5D, -5E, -5H	950	4D(2)	153-5700	9X-9720
Personnel Transports				
1971-63 PT-10, -14, -30	540	30HR	3T-5760	115-2422
1984-72 PT-10, PT-14	950	4D	153-5700	9X-9720
1989-67 UT-42, -45A	540	30H(2,3)	3T-5760	115-2422
Optional	950	4D	153-5700	9X-9720
Supply Carriers				
1971-63 LT-, TT-, UT-410	540	30HR	3T-5760	115-2422
1984-65 TT-410A, UT-410A, -F20, LT-410A, FT-410A, -Z, PM-22	950	4D(1,2)	153-5700	9X-9720
1984-79 DC-07	600	31(2)	175-4370	175-4390
1971 HPT-5	540	30H	3T-5760	115-2422
Trucks				
1984-72 MF-F10	950	4D	153-5700	9X-9720
1977-72 MT-F10-C	695	4D(1,2)	153-5700	9X-9720
1967-60 MT-F10-C, MTP-F10, -F12-30	540	30HR	3T-5760	115-2422
1984-62 MT-F15	540	30H(2)	3T-5760	115-2422
Optional	815	4D(2)	153-5700	9X-9720
1989-66 MT-F25-35, -44, MT-F28	950	4D(2)	153-5700	9X-9720
1984-72 MT-F50-26	1000	8D(2)	153-5720	101-4000
1989-78 MT-411-30, -413-30	600	31(2)	175-4370	175-4390

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

INDUSTRIAL EQUIPMENT

WAGNER MINING EQUIPMENT CO. — WORTHINGTON COMPRESSORS, INC.



IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Trucks (continued)				
1989-75 MT-414-30, -416-30, -420-30, -245-30/433-30	950	4D(2)	153-5700	9X-9720
1989-67 MT-435-32, MTP-F10, -F12-30, MTP-410-30	950	4D(1,2)	153-5700	9X-9720
1984-69 MTT-F10, -F25-23, -F26-23	540	30H	3T-5760	115-2422
1989-66 MTT-F15, -F20, -F20-23, -R15, -F20-24, -27A	950	4D(1,2)	153-5700	9X-9720
1984-61 MTT-F40-44, -R40, -413, -415, -420, -425	950	4D(2)	153-5700	9X-9720
1989-61 MTT-415, -415-22, -417-25, -419-32, -435-20, -610A	950	4D(2)	153-5700	9X-9720
1989-63 MTT-420-27A, -27B, -30, -38, -422-30, -423-38	950	4D(2)	153-5700	9X-9720
1984-63 MTT-425, -425-34, -425-36, -46, -426-23	950	4D(2)	153-5700	9X-9720
1984-68 MTT-425-28	1000	8D(2)	153-5720	101-4000
1984-69 MTT-426-23A, HPT-5, UT-F20	540	30H	3T-5760	115-2422
1984-66 HMTT-410, PM-22	950	4D(1,2)	153-5700	9X-9720
WALDON, INC.				
Aerial Lifts				
1998-88 Sky Van, Sky Jacker	1150	8D(2)	153-5720	101-4000
Dozers				
1999-98 LD80, WD80	850	34/78	127-0826	250-0486
1999-85 6000B: Diesel, 6000C: Gas & Diesel, 8500C: Gas & Diesel	460	26R(2)	145-4518	—
1999-95 7000, 7500: Diesel (Best fit estimate)	875	34/78	127-0826	250-0486
1988-84 8500B (Best fit estimate)	650	71	156-5660 Ω	7X-6100
1982-81 4500: Gas & Diesel	625	31	175-4370	175-4390
1982-75 5000, 5200: Gas & Diesel	505	24	153-5656	3T-5857
1982-78 6000: Gas, Diesel (Requires 2 batts.)	405	22F(1,2)	3T-5859	9X-1384
1982-75 Optional	505	24	153-5656	3T-5857
1984-81 8500: Gas & Diesel	625	31	175-4370	175-4390
Loaders				
1999-83 4100, 5100: Gas & Diesel	625	31	175-4370	175-4390
1999-91 4500B: Gas & Diesel	625	31	175-4370	175-4390
Sweepers				
1999-98 Lay-Mor 8C	950	31	175-4390	—
1999-94 Lay-Mor 6HB, 8B, 6HC, 8HC	675	34/78	127-0826	250-0486
1999-98 Sweepmaster 250	950	31	175-4390	—
1991-85 Sweepmaster Diesel	460	26R(2)	145-4518	—
1997-91 Sweepmaster B: Diesel, Sweepmaster II: Diesel	950	31	175-4390	—
WARD LAFRANCE TRUCK CORP.				
Aerials, Pumpers, Snorkels				
1977-66 A-80, P-80, P-82, P-85, S-80	935	8D(2)	153-5720	101-4000
WARNER & SWASEY CO.				
See "DUPLEX DIVISION"				
WATSON				
See "TODCO DIVISION"				
WEST BRICK BUGGY				
See "KOEHRING-CONSTRUCTION EQUIPMENT DIVISION"				

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
WESTINGHOUSE AIR BRAKE CO.				
See also "LETOURNEAU-WESTINGHOUSE"				
Air Compressors				
1971-70 85RG1, 125RG1A, -1B, 150G1, 170RG2	375	3EE	8C-3620	—
1971-70 125TA	325	24	153-5656	3T-5857
1971-70 125RD1, 150RD1, 170RD1	525	30H	3T-5760	115-2422
1971-70 365SD1, 450RD2, 900SD1	800	4D(1,2)	153-5700	9X-9720
1971-70 600SD1, 600RD2	975	8D	153-5720	101-4000
WHITEMAN MFG. CO.				
Concrete Equipment				
1978-69 B-85	360	24	153-5656	3T-5857
1983-59 DB-60 Cart-Powered	235	U1	8C-3636	—
1978-65 P-40G, P-60D, P-80D Pumps	330	24(1,4)	153-5656	3T-5857
Fork Lifts & Power Buggies				
1990-58 M-WLS-1000 Lift, WBH-16E Buggy	235	U1	8C-3636	—
Twin Finishing Machines				
1990-80 All	235	U1	8C-3636	—
WHITE-OLIVER				
See also "OLIVER"				
Industrial Wheel Tractors				
1968-66 2-44: Gas	400	60	—	—
Diesel	500	1(2)	8C-3617	8T-9734
1968-66 2-62, 2-78, 4-78: Gas	750	6D	153-5700	9X-9720
Diesel	800	5D(2)	8C-3633	8T-9733
WHITMAN & ROBINSON, INC.				
Sidewalk Snow Plow Tractors w/ 4-Wheel Drive				
1975-58 Cayuga A, L, LB, W	300	29NF	3T-5858 π	9X-1382 π
WINCHARGER				
See "DYNA-TECHNOLOGY, INC."				
WITTE ENGINES CORP.				
See "LISTER PETER INC."				
WOOD CHUCK CHIPPER CORP.				
Formerly "SAFETY TEST & EQUIPMENT CO."				
Wood Chuck Chippers				
1984-71 w/ CA12 & w/ CA16: Gas	330	24	153-5656	3T-5857
Diesel	510	30H	3T-5760	115-2422
WORTHINGTON COMPRESSORS, INC.				
<i>In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based on battery industry consensus.</i>				
Portable Air Compressors				
1976-64 85; 125: IHC C-175	315	24	153-5656	3T-5857
1971-65 125: Hercules GD2300	750	6D	153-5700	9X-9720

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**

WORTHINGTON COMPRESSORS, INC. — YOUNG OTTAWA, INC.

IMPORTANT NOTE: BATTERIES CAN EXPLODE! Always wear safety glasses AND shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance BEFORE final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle/equipment damage. Always check for proper polarity and sufficient clearances before connecting cables and closing hood or covers.

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
Portable Air Compressors (continued)				
1976-66 160: IHC C-200, Hercules G2300	315	24	153-5656	3T-5857
Bedford, Deere: Diesel	430	3ET(2)	8C-3620	—
Hercules D2300	750	6D	153-5700	9X-9720
1976-64 250	580	3(2)	153-5690	8C-3630
1976-64 365 GM 4-71, 600 SS,	875	7D(2)	8C-3635	8T-9731
1976-64 600: Cummins 24V	875	7D(2)	8C-3635	8T-9731
1976-67 Cummins 12V, GM 6-71N	875	8D	153-5720	101-4000
1976-70 175: Hercules D-2300	640	4D	153-5700	9X-9720
Hercules G-2300	315	24	153-5656	3T-5857
1976-73 750, 850	875	7D(2)	8C-3635	8T-9731
Optional	875	8D(2)	153-5720	101-4000
1976-64 900TS, 1050	875	8D(2)	153-5720	101-4000
1976-73 1150	640	4D(2)	153-5700	9X-9720
Early Models - Portable Air Compressors, Reciprocating Type				
1959-46 60, 75	550	1	8C-3617	8T-9734
1956-43 105, 125, 160	690	3(1,2)	153-5690	8C-3630
1956-43 210: Cont. B-427	790	5	8C-3633	8T-9733
IHC UD-14A	690	3(2)	153-5690	8C-3630
1956-43 315, 600 ex. Murphy 220	790	4(2)	8C-3633	8T-9733
Portable Air Compressors, Rotary Type				
1967-63 85	315	24	153-5656	3T-5857
1967-60 125, 160: Cont. G-193, Herc. G2300 eng.	315	24	153-5656	3T-5857
Cont. GD-193, Herc. D2300	900	6D	153-5700	9X-9720
1963-55 Herc. DD198, JX4D	690	3(2)	153-5690	8C-3630
1967-56 210, 250: All models	690	3(1,2)	153-5690	8C-3630
1963-56 315, 365, 600T.S.: Cummins eng.	900	8D(2)	153-5720	101-4000
1963-55 GM 3057-C, 6057-C	790	4(2)	8C-3633	8T-9733
1967-64 GM 4-71	880	7D(2)	8C-3635	8T-9731
1965-63 600 S.S.	880	7D(4)		
1967-60 900 T.S.	900	8D(2)	153-5720	101-4000

MAKE EQUIPMENT TYPE YEAR/MODEL	CCA @ 0°F	O.E. BCI NO.	REPLACEMENT	
			OPTION 1	OPTION 2
YALE & TOWNE				
Material Handling Trucks				
1973-58 DP3P & D5: Series 150 thru 220	825	4D	153-5700	9X-9720
1973-63 D51P: Series 030, 040, 050	500	30H	3T-5760	115-2422
1973-58 G-3H, -3P, -5: Series 150 thru 220, G-54P, G-54C	325	24	153-5656	3T-5857
1973-63 G-51C, -P: Series 030 thru 100	300	29NF	3T-5858 π	9X-1382 π
1973-58 G-, GC-, GP-52	525	2E	8C-3632 Δ	—
1953-52 KD Series -40, -50	525	1(2)	8C-3617	8T-9734
1973-58 KD Series -60H, -70, -80; KDP Series -60H, -70, -80	885	6D	153-5700	9X-9720
1963-54 KDP Series -40, -60	885	1B	153-5700 ∞	9X-9720 ∞
1973-58 KG, KGP, KGS Series	525	1	8C-3617	8T-9734
Industrial Tractors & Tractor Shovels				
1971-58 G10P Series 030, 040, -050	525	1	8C-3617	8T-9734
1973-58 KG-, KGA-, KGP-, KGPA-51, Y-18	525	1	8C-3617	8T-9734
YOUNG OTTAWA, INC				
See "OTTAWA STEEL PRODUCTS"				

INDUSTRIAL EQUIPMENT

Industrial Equipment Replacement Footnote Codes:

- ≈ Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!**
- ∞ Replacement battery is wider than O.E. Hold-down and/or tray replacement may be necessary.
- π Replacement battery is longer than O.E. Hold-down and/or tray replacement may be necessary.
- # Replacement battery is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.
- ¥ Check O.E. CCA requirements. **Replacement CCA may not be sufficient.**
- Ω Replacement battery is longer and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and tray replacement may be necessary.
- ≠ Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.
- Δ Replacement battery is wider and taller than O.E. **Check height clearance carefully to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire.** Hold-down and/or tray replacement may be necessary.
- § O.E. battery has reverse terminals. **WATCH POLARITY!** Cable replacement may be necessary.

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. **Wash hands after handling.**