

APPLICATION SECTION

Cat® Equipment

The application battery data on the following pages is based on the manufacturer's normal original equipment (O.E.) battery installation. It must be kept in mind that at the request of a larger user it is common in many 12-volt and 24-volt commercial systems to use 6-volt batteries connected in series where 12-volt batteries are normally used. As a consequence, it is desirable to check the original battery size and terminal arrangement before ordering. Also, some manufacturers will change battery sizes and terminal arrangements in the middle of a model year.



If the battery or batteries to be replaced have terminal and/or cell arrangements different from the standard arrangement for the battery size, be sure to specify exactly the arrangement desired. Also give complete details on all special sizes and/or terminal arrangements.

As some batteries are still being marketed with Amp/Hrs. ratings, an approximate equivalent cranking performance value can be obtained by taking 5-1/4 times the Amps/Hrs. rating.

Cat® 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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Articulated Trucks											
AP 1000	4D	1000	{163,166}	153-5710	—	—	—	—	—	—	—
AP 200B	31P	750	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
D20, D250D	31P	750		—	—	—	—	127-0826{29}	127-0824{29}	—	—
D25, D30, D35, D40, D250	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D25D, D30D, D350E, D400E, D250E, D300E	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
D44, D50, D550, D650	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
D300, D300D, D350, D400	4D	1000		153-5710	—	—	—	—	—	—	—
Asphalt Pavers											
2004-02 AP 1050 B	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
2004-02 AP 1055 B	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
Backhoe Loaders											
2008-07 416E, 420E, 430E, 446E, E Series	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2008-07 E Series	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2007-02 BG - 240 C, BG - 260 C, BG 225 C, BG 245 C	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2004-02 12 H Global, 446 D	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2004-02 135 H Global, 14 H Global, 143 H, 16 H Global, 160 H Global	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
2004-02 140 H Global	31T	700	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2004-02 163 H Global, 24 H, 345 BL - Series 2 - VHO, 365 B - L Series 2, 385 B, 385 BL, 5130 BME, 5230 B	4D	1300	{15}	153-5710	—	—	—	—	—	—	—
2004-02 301.6, 301.8	58	500		175-4280	—	—	—	8C-3612	—	—	—
2004-02 302.5	74	650		153-5660	—	—	—	7X-6100	250-0486	127-0826	127-0824
2004-02 303 CR, 304 CR, 305 CR, CB 224 E, CB 225 E	24	650		—	—	—	—	127-0826	127-0824	—	—
2004-02 307 C SB, 308 C - CR, 314 C - LRC, CB 6340, CP 443 E, CP 553 E, CP 563 E, CS 323 C, CS 423 E, CS 433 E, CS 533 E, CS 563 E, CS 573 E, CS 583 E, CS 683 E	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—

{15} Two batteries required. For best results, replace both.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{163} Direct electric start. {166} 24-Volt.

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL				O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
							Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Backhoe Loaders (Continued)														
2004-02	311 C Utility, 312 C - L	31T	900			175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	416 D (Center Pivot), 430 D, BG - 230, BG 2455 C	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	420 D	31T	950			175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	420 DIT, 430 DIT, 535 B	31T	1000	{15}		—	—	—	—	—	—	—	—	
2004-02	446 D	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2004-02	527	4D	1000	{15}		153-5710	—	—	—	—	—	—	—	
2004-02	533, 563, 573, 583, 663, 683 E	31T	750			175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2004-02	80G	31T	750			175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2004-02	CB 334 E, CB 335 E, CB 434 D, CB 534 D, CB 534 D - XW	31T	950			175-4390	115-2422	115-2421	—	—	—	—	—	
2004	330 C - L Large - 345 BL - Series	4D	1300	{15}		153-5710	—	—	—	—	—	—	—	
2004	CP 663 E, CS 663 E	31T	750			175-4390	175-4370	115-2422	115-2421	—	—	—	—	
	416, 426, 428, 436, 438, 446, 446B	31P	700			—	—	—	—	127-0826{29}	127-0824{29}	—	—	
	428C, 436C, 438C	31P	750			—	—	—	—	127-0826{29}	127-0824{29}	—	—	
Coal														
2007-05	637 E Series 2	4D	1000	{15}		153-5710	—	—	—	—	—	—	—	
Cold Planers														
2007-05	PM 565 B	8D	1465	{15}		153-5720	—	—	—	250-0473	—	—	—	
Combines														
	450, 460, 465, 480, 485	4D	950			153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
Lexion														
2010-08	570 - Straw	4D	1100			153-5710	—	—	—	—	—	—	—	
2010-05	560R, 570R, 575R, 580R, 585R, 590R, 595R	4D	1100			153-5710	—	—	—	—	—	—	—	
2007-06	560, 570 - Straw	4D	1100			153-5710	—	—	—	—	—	—	—	
2005-04	560 - Straw	4D	1100			153-5710	—	—	—	—	—	—	—	
2004	450, 460, 460R, 470R, 475R, 480R, 485R, 560R	4D	1100			153-5710	—	—	—	—	—	—	—	
2004	570R, 575R, 580R, 590R	4D	1100			153-5710	—	—	—	—	—	—	—	
2003	450, 460, 460R, 470R, 475R, 480R, 485R	4D	1100			153-5710	—	—	—	—	—	—	—	
2002	450, 460, 460R, 465, 470R, 475R, 480R, 485R	4D	1100			153-5710	—	—	—	—	—	—	—	
2001	160, 450, 465, 470, 475, 480, 485R	4D	1100			153-5710	—	—	—	—	—	—	—	
Compactors														
2008-07	825H, 826H	31T	750	{148}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2007-05	815F	4D	1000	{15}		153-5710	—	—	—	—	—	—	—	
2007-05	825 G Series 2, 826 G Series 2	31T	750	{148}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	

{15} Two batteries required. For best results, replace both. {17} Watch polarity and clearance! Vehicle could have reverse terminal battery.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{31} Replacement battery is longer and wider than OE. Hold-down and/or tray replacement may be necessary.

{70} Two, Three or Four batteries required. For best results, replace all. {147} 1 Battery - Dual Battery Opt.

{148} Two or more batteries required. For best results, replace all. {163} Direct electric start.

{166} 24-Volt. {183} Special European size required.

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL				O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
							Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Early Model Tractor														
1961-60	DW15, DW20, DW21	24	320			153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486	
1961-58	600 Series - Optional	8D	950	{147}		153-5720	101-4000	153-5710	153-5700	8C-3624	250-0473	—	—	
1961-58	600 Series except Electric Start	24	400	{147}		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486	
1961-58	613, 619 6V, DW15, DW20, DW21 - Electric Start	2	630			153-5690	—	—	—	8C-3629	8C-3617	—	—	
1961-58	619 12V, 630 - Electric Start	4D	850			153-5710	153-5700	9X9730	9X-9720	8C-3623	—	—	—	
1959-46	DW10, DW15, DW20, DW21	2	630			153-5690	—	—	—	8C-3629	8C-3617	—	—	
1957-56	DW15, DW20, DW21 - Electric Start	3EE	320	{15}		—	—	—	—	8C-3620	250-0488{31}	—	—	
Equipment														
2007-05	Large - 988 G	31T	750	{148}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2007-05	Medium 320 C - L	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2007-05	PF 300 B	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
2007-05	TT 14 G	31T	900			175-4390	115-2422	115-2421	—	—	—	—	—	
2004-03	525 B	31T	1000	{15}		—	—	—	—	—	—	—	—	
Excavators														
2008-05	315, 318, 320, 322, 325, C - L,	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2008-05	321 C - LCR	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2008	320, 325 D - L	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2007-05	315 C - L, 318 C L, 320 C - L, 321 C - LCR, 322 C - L, 325 C - L	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
	205, 206	NA	395	{183}		—	—	—	—	—	—	—	—	
	211, 212, 213, 214, 224	NA	490	{183}		—	—	—	—	—	—	—	—	
	215, 225, 227, 229	2	660	{17,163,166}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
	215, 225, 227, 229 - Optional	29H	625	{15,163,166}		—	—	—	—	8C-3627	—	—	—	
		4D	950	{15,163,166}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	231D	31P	750	{15,163,166}		—	—	—	—	127-0826{29}	127-0826{29}	—	—	
	235, 235D, 245	4D	1000	{15,163,166}		153-5710	—	—	—	—	—	—	—	
	235, 235D, 245 - Optional	8D	1250	{15,163,166}		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—	
	235C, 5080, 5080FS, 5130BFS	4D	1300	{15}		153-5710	—	—	—	—	—	—	—	
	245D	8D	1250	{15,163,166}		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—	
	301.5	58	560			—	—	—	—	8C-3612	—	—	—	
	302.5	74	650			153-5660	—	—	—	7X-6100	250-0486	127-0826	127-0824	
	307B, 307SB, 311, 311B, 312, 312B, 312BL, 315B, 315BL, 320, 320B, 320BL, 320L, 320N, 322B, 322BL, 325, 325L, 325LN, 325N, 330, 330BL, 300L, 345BL, 330LN, 350MH, 5230BME, 5230BS, 5230: DES 24-volt, M3	31P	750	{15}		—	—	—	—	127-0826{29}	127-082	—	—	
	350, 350L, 5130	4D	1000	{15,163,166}		153-5710	—	—	—	—	—	—	—	
	375, 375L	8D	1250	{15,163,166}		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—	
	5130BME	4D	1300	{15}		153-5710	—	—	—	—	—	—	—	
	5230	31P	750	{15}		—	—	—	—	127-0826{29}	127-0824{29}	—	—	

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EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
E Series											
E110, E120, E140, E180, E200, E240	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
E300, E450	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
E650	8D	1250	{15,163,166}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
E70	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
E70B, E110B, E120B, E240C, EL240C	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
Farm Tractors											
2002-00 CHALLENGER 55	31T	750	{15,21}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2002-00 CHALLENGER 65	31T	700	{21,181}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2002-00 Challenger 75	31T	700	{21,173}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2000-98 Challenger 65E, Challenger 75E, Challenger 85C	31P	950	{15,162}	—	—	—	—	127-0824{29}	—	—	—
2000-98 Challenger 95D, Challenger 95E	31P	950	{15,162}	—	—	—	—	127-0824{29}	—	—	—
1999-98 Challenger 65D	31P	750	{15,162}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
1999-96 Challenger, Challenger 35, Challenger 45	31P	750	{15,162}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
1999-96 Challenger 55, Challenger 65, Challenger 65B	31P	750	{15,162}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
1999-96 Challenger 75, Challenger 75B	31P	700	{70,162}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
1997-96 Challenger 65C, Challenger 65D, Challenger 70C	31P	750	{15,162}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
1997-95 Challenger 75C, Challenger 75D	31P	900	{15,162}	—	—	—	—	127-0826{29}	—	—	—
1997-91 Challenger 95D, Challenger 95E	31T	950	{15,162}	175-4390	115-2422	115-2421	—	—	—	—	—
1995-94 Challenger 75, Challenger 75B	31T	700	{162,173}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
1995-91 Challenger 65C, Challenger 70C	31P	750	{15,162}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
1995-91 Challenger 65D	31T	750	{15,162}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
1993-91 Challenger 75B	31T	700	{162,173}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
Feller Bunchers											
FB219	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
FB508, FB518	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
FB519	30H	625	{15,163,166}	—	—	—	—	8C-3627	127-0826{29}	127-0824{29}	—
Forest Machines											
325BLL, 330BLL, 539	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
550, 554, 570, 574, 580	31T	900	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
Hydraulic Excavators											
2007-05 IT 28G	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2007-05 IT 28G WHA	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—

{15} Two batteries required. For best results, replace both. {21} OE battery has special terminals. Cable change is necessary.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{70} Two, Three or Four batteries required. For best results, replace all.

{162} Group 31 O.E. battery has non-standard SAE terminal locations and may require cable modifications.

{163} Direct electric start. {166} 24-Volt. {173} Requires 4 batteries. {181} Requires 3 batteries.

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				Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0° F		Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Hydraulic Excavators (Continued)												
2007-05	IT 38G WHA	31T	900	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2004-03	301.5	58	500		175-4280	—	—	—	8C-3612	—	—	—
2004-03	IT 38G Series 2	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
Integrated Tool Carriers												
2004-02	IT 62G 2	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2004-02	Large - 963 C	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
	IT-12, IT-14, IT-12F, IT-14F, IT-18F, IT-28G, IT38G	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	IT-18, IT-20, IT-28	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	IT-24F, IT-14G	31T	950		175-4390	115-2422	115-2421	—	—	—	—	—
	IT-28F	31P	900	{15,163,166}	—	—	—	—	127-0824{29}	—	—	—
Landfill & Soil Compactors												
2007-05	816 F	4D	1000	{15}	153-5710	—	—	—	—	—	—	—
	815F, 816	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	825G, 826G, 836	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
Large Mass Excavation												
2004-02	375 L - ME	4D	1300	{15}	153-5710	—	—	—	—	—	—	—
Lift Trucks												
1986-80	540S, 600S, 670S - Early Model	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
1986-80	540S, 600S, 670S - Late Model	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	12RH, 16RH	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
	350 From S.N. 350610037	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	350 To S.N. 350610036	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
	350S, 351S, 391, 392S	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	390 From S.N. 3905473	1	575		—	—	—	—	8C-3617	—	—	—
	390 To S.N. 3905472	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
	400P, 410, 411, 440, 441	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
	420, 460, 480P, 500, 500P - Early Model	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
	420, 460, 480P, 500, 500P - Late Model	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
	421, 422S, 461, 462S, 501, 502P, 502S	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	510P - Early Model	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	510P - Late Model	29H	625		—	—	—	—	8C-3627	—	—	—
	540D	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	590S, 600, 601P, 750S, 760P, 850S, 860P	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	600D, 670D, 680D	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	680P - Late Model	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	680P, 900 - Early Model	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
	950S, 960S	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	A-10, A-12, A-15, A-16, A-17, A-18, A-19	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
	A-20, A-21, A-22, A-23, A-24	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
	AH-40 thru AH-60	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
	AH-40 thru AH-60 - IHC engine	1	575		—	—	—	—	8C-3617	—	—	—

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Lift Trucks (Continued)											
AM-25 - Early Model	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
AM-25 - Late Model	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
AM-30 - Early Model	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
AM-30 - Early Model, IHC engine	1	575		—	—	—	—	8C-3617	—	—	—
AM-30 - Late Model	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
AM-36 thru AM-60	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
AM-36 thru AM-60 - IHC engine	1	575		—	—	—	—	8C-3617	—	—	—
AMP-25	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
B-10, B-12, B-15 thru B-25	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
B-10, B-12, B-15 thru B-25 - Optional	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
BHF-16 thru BHF-20	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
K-5	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
L-200	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
L-200 - Ford engine	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
LT-35, LT-40, LT-44, LT-46, LT-48, LT-50, LT-53, LT-56, LT-60, LT-62, LT-90	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
LT-60D, LT-62D	7D	875		—	—	—	—	8C-3635	8C-3633	—	—
RT80	31P	750	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
T-25, T-30, TC-30, T-40	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
T-25D	22F	425		—	—	—	—	3T-5859	250-0489	—	—
T-30B, T-35B, T-40B, T-45B	29H	625		—	—	—	—	8C-3627	—	—	—
T-40D	24	580		153-5656	—	—	—	3T-5857	250-0486	127-0826	127-0824
T-40D - Diesel	31P	700		—	—	—	—	127-0826{29}	127-0824{29}	—	—
T-40E	24	580	{163,166}	153-5656	—	—	—	3T-5857	250-0486	127-0826	127-0824
T-50, T-60	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
T-50B, T-55B, T-60B	29H	625		—	—	—	—	8C-3627	—	—	—
T-50B, T-55B, T-60B, T-60C, T-70C, T-80C, T-90C, T-100C, T-120C, T-165, T-180, T-200, T-220, T-221, T-225, T-250, T-300, T-400	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
TC-60E	24	580	{163,166}	153-5656	—	—	—	3T-5857	250-0486	127-0826	127-0824
U-6, U-8	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
V-100, V-120, V-140, V-160, V-180, V-200	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
V-100, V-120, V-140, V-160, V-180, V-200 - Optional	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
V-110C, V-135C, V-155C, V-165C	31P	750	{17,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
V-160V, V-180B, V-200B, V-200HF, V-225HF	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
V-225, V-250, V-300	60	405		—	—	—	—	3T-5857{29}	3T-5858{29}	—	—
V-225, V-250, V-300 - Optional	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—

{15} Two batteries required. For best results, replace both. {17} Watch polarity and clearance! Vehicle could have reverse terminal battery.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{163} Direct electric start. {166} 24-Volt.

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Lift Trucks (Continued)											
V-225B, V-250B, V-300B, V-1600FH, V-1800FH	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
V-225C, V-226C, V-265C, V-300C, V-330C	8D	1250	{163,166}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
V-25D	24	580		153-5656	—	—	—	3T-5857	250-0486	127-0826	127-0824
V-25D - Diesel	31P	700		—	—	—	—	127-0826{29}	127-0824{29}	—	—
V-30, V-30C, V-35C, V-40, V-40C	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
V-30, V-30C, V-35C, V-40, V-40C - Optional	29H	625		—	—	—	—	8C-3627	—	—	—
V-40D	24	580		153-5656	—	—	—	3T-5857	250-0486	127-0826	127-0824
V-41, V-41B, V-45C, V-50, V-50C, V-51, V-51B, V-55B, V-60, V-60B	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
V-41, V-41B, V-45C, V-50, V-50C, V-51, V-51B, V-55B, V-60, V-60B - Optional	2	660		153-5690	—	—	—	8C-3629	8C-3617	—	—
	29H	625		—	—	—	—	8C-3627	—	—	—
	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
V-50E	31P	750	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
V-60D, V-70D, V-80D	29H	625		—	—	—	—	8C-3627	—	—	—
V40D - Diesel	31P	700		—	—	—	—	127-0826{29}	127-0824{29}	—	—
V40E	31P	700	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
VC-60D	24	580		153-5656	—	—	—	3T-5857	250-0486	127-0826	127-0824
VC-60D - Diesel	31P	700		—	—	—	—	127-0826{29}	127-0824{29}	—	—
VC-60E	31P	700	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
Load Haul Dump											
R1600	4D	1300		153-5710	—	—	—	—	—	—	—
R2900	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
Log Shredders											
2004-03 M315 C, Medium - 953 C	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
2004-03 M316 C, M318 C, M322 C	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2004-02 517	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2004-02 M315, 316, 318, 322, 953 C	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
Log Skidders											
508	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
518	2	660	{17,163,166}	153-5690	—	—	—	8C-3629	8C-3617	—	—
518 - Optional	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
518C	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
528, 530B	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
528, 530B - Optional	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
Mining											
2004-03 16 H	4D	1400	{15}	153-5710	—	—	—	—	—	—	—
Mining Trucks											
2004-03 785 C	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—

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EQUIPMENT TYPE YEAR / MODEL				O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
							Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Motor Graders														
2004-03	143 H Global All wheel drive	4D	950			153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
2004-03	773E	4D	1400	{15}		153-5710	—	—	—	—	—	—	—	
2004-03	775D	4D	1300	{15}		153-5710	—	—	—	—	—	—	—	
2004-03	789C, AP1000B, AP650B, AP655C, AP800C, AP900B	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	120 H Global	31T	700	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2004-02	143 H Global All wheel drive	4D	950			153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
2004-02	773, 775 E	4D	1400	{15}		153-5710	—	—	—	—	—	—	—	
2004-02	775, 777 D	4D	1300	{15}		153-5710	—	—	—	—	—	—	—	
2004-02	789, 793 C	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	797B, 973C	8D	1500	{15}		153-5720	—	—	—	250-0473	—	—	—	
2004-02	AP 1000 B	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	AP 650, AP 900 B	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
2004-02	AP 655, AP 800 C	31T	950	{15}		175-4390	115-2422	115-2421	—	—	—	—	—	
	112	2	660	{164,172}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
		4D	950	{164,165}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	12	2	660	{17,163,172}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
		2	660	{164,172}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
		24	425	{164,165}		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486	
		29H	625	{15,163,166}		—	—	—	—	8C-3627	—	—	—	
		4D	950	{163,165}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	120, 130	4D	950	{15,163,166}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	120, 130, 140	29H	625	{15,163,165}		—	—	—	—	8C-3627	—	—	—	
	120H, 140H	31P	700	{15,163,166}		—	—	—	—	127-0826{29}	127-0824{29}	—	—	
	12G, 12H	31P	700	{17,163,166}		—	—	—	—	127-0826{29}	127-0824{29}	—	—	
	14	2	660	{17,164,172}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
		24	425	{164,165}		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486	
	14, 112	4D	950	{15,163}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	140	2	660	{17,163,172}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
		4D	950	{15,163,165}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	14H, 16H, 135H, 143H, 160H, 163H	4D	950	{15}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
	16	24	425	{164}		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486	
	16 - Optional	4D	950	{15,164}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
		8D	1250	{15,164}		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—	
	212	2	660	{164,172}		153-5690	—	—	—	8C-3629	8C-3617	—	—	
		3EE	400	{163,165}		—	—	—	—	8C-3620	250-0488{31}	—	—	
	24H	4D	1300	{15}		153-5710	—	—	—	—	—	—	—	
Off Highway Trucks														
2007-05	Small - 924 G	31T	900			175-4390	115-2422	115-2421	—	—	—	—	—	
2007-02	769 D	4D	950	{15}		153-5710	153-5700	9X9730	9X-9720	—	—	—	—	
2004-03	Quary - 771 D	8D	1250	{15}		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—	
2004-02	PS 150, 200, 300, 360 B	31T	750	{15}		175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2004-02	Small - 307 C	31T	750			175-4390	175-4370	115-2422	115-2421	—	—	—	—	
2002	Quarry	8D	1250	{15}		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—	

{15} Two batteries required. For best results, replace both. {16} Vibration proof battery. Replacement not available.

{17} Watch polarity and clearance! Vehicle could have reverse terminal battery.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{32} Replacement battery is longer than OE. Hold-down and/or tray replacement may be necessary. {147} 1 Battery - Dual Battery Opt.

{148} Two or more batteries required. For best results, replace all. {163} Direct electric start. {164} Gas starting engine.

{165} 12-Volt. {166} 24-Volt. {168} Air start. {172} 6-Volt.

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				Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0° F		Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Off Highway Trucks & Tractors												
2007-05	Small - 924 G	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
2007	769D	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
2004-03	PS 150 B, PS 200 B, PS 300 B, PS 360 B	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2004-03	Quary - 771 D	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
2004-03	Small - 307 C	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
	768, 771C, 772, 773	8D	1250	{16,148,163}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
	769	24	425	{168}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
		4D	900	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	8C-3623	—	—	—
	769 - Optional	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
	771D, 773D	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
	775B, 777	4D	1000	{16,148,163}	153-5710	—	—	—	—	—	—	—
	775B, 777 - Optional	8D	1250	{148}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
	775D, 776D, 777D	4D	1300	{15}	153-5710	—	—	—	—	—	—	—
	776, 777C	8D	1250	{16,148,163}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
	784D	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
	785, 789, 793	31P	700	{147,168}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	785B, 789B, 793B	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	785C, 789C, 793C	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
	D22, D-25, D-30C, D-35CHD	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	D250B, D-275, D-300, D-330, D-350, D-400	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	D44B, D550	8D	1250	{15,163,166}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
Open Bowl Equipment												
2007-05	621 G	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
Paving Products												
2004-03	AP1050 B	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
2004-03	AP1055 B	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
	836	31P	750	{17,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	AP1050	4D	950	{163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	AP1100	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	AP1200, AP800, AP1000	4D	950	{163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	AP200	27	650		153-5656	—	—	—	8C-3601	3T-5857	250-0486	127-0826
	AP650, AP1055, AP1000B, AP1050B, AP800C, BG220, BG225, BG230, BG240, BG245, BG260, BG265, BG270, BG730, BG750, BG2455C	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
	CB214, CB224	27F	650	{163,165}	—	—	—	—	8C-3602	3T-5858	250-0486	127-0826
	CB214C, CB224C, CB334D, CB-335D, CB-434C, CB-534C, CB-634C	31P	750	{16,147,163}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	CB314	27	650		153-5656	—	—	—	8C-3601	3T-5857	250-0486	127-0826
	CB414	29H	625		—	—	—	—	8C-3627	—	—	—
	CB424	49	730	{163,165}	—	—	—	—	307-0751{32}	—	—	—
	CB434	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	CB514	4D	900		153-5710	153-5700	9X9730	9X-9720	8C-3623	—	—	—
		4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	CB534, CB614	27F	650	{163,165}	—	—	—	—	8C-3602	3T-5858	250-0486	127-0826
		4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	CB534B	31P	750	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	CB624	49	730	{163,165}	—	—	—	—	307-0751{32}	—	—	—
	CB634, CP563, CS563	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Paving Products (Continued)											
CP323, CP433, CP533, CS431, CS443	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
CP323C, CP433C, CS323C, CS431C, CS433C, CS563C, CS583C, PF300B, PF360B, PS150B, PS200B, PS300B	31T	750	{147}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
CP533, CP563	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
CP643, CP653	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
CS323	27	650	{163,165}	153-5656	—	—	—	8C-3601	3T-5857	250-0486	127-0826
CS433B, CS531, CS533	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
CS551, CS553	4D	950		153-5710	153-5700	9X9730	9X-9720	—	—	—	—
CS563, CS583	31P	750	{163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
CS643, CS653	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
ER1000	4D	950	{163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
PF300, PS300	49	730	{15,163,166}	—	—	—	—	307-0751{32}	—	—	—
PF500	27F	650	{163,165}	—	—	—	—	8C-3602	3T-5858	250-0486	127-0826
PM465	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
PM800, PR275, PR-450, PR-450C, PR-565B, PR-750B, PR-1000	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
PR105, SF175	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
PR250, RR250	4D	900	{147}	153-5710	153-5700	9X9730	9X-9720	8C-3623	—	—	—
PR75, PR750	27	650		153-5656	—	—	—	8C-3601	3T-5857	250-0486	127-0826
PS110, PS130, PS180	29H	625		—	—	—	—	8C-3627	—	—	—
PST300, RL200, TST300, TR500, TS500	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
RR250B, RM350B, SM350, SS250, SS250B	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
SF250, SF-350, SF-400, SF-450, SF-500, SF-550, SF-750	8D	1250	{147}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
TC250, TF250, TR250, TS250, WE601B, WE851B	24	425		153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
TSF54, TSM54	27	650		153-5656	—	—	—	8C-3601	3T-5857	250-0486	127-0826
Pipelayers											
561, 571	2	660	{17,163,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	4D	950	{15,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
561, 571, 572	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
561M, 583	31T	750	{148}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
572	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
572R	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
578	4D	950	{15,164,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
578 - Optional	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
583, 594	2	425	{17,164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	8D	1250	{15,163}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
589	4D	950	{16,148,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
591	8D	1250	{17,163,166}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—

{15} Two batteries required. For best results, replace both. {16} Vibration proof battery. Replacement not available.

{17} Watch polarity and clearance! Vehicle could have reverse terminal battery.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{31} Replacement battery is longer and wider than OE. Hold-down and/or tray replacement may be necessary.

{32} Replacement battery is longer than OE. Hold-down and/or tray replacement may be necessary. {147} 1 Battery - Dual Battery Opt.

{148} Two or more batteries required. For best results, replace all. {163} Direct electric start. {164} Gas starting engine.

{165} 12-Volt. {166} 24-Volt. {172} 6-Volt. {173} Requires 4 batteries. {179} Requires 1 to 4 batteries.

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Scrapers											
2008-05 613C Series 2, 615C Series 2, 623 G	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2008-05 627 G, 631 G	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2008-05 637 G	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2007-05 651 E	8D	1400	{15}	153-5720	—	—	—	250-0473	—	—	—
2007-05 657 E	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
2007-05 657 E - Optional	8D	1400	{15}	153-5720	—	—	—	250-0473	—	—	—
Skid Steer											
216, 226, 228, 236, 246, 248	24	650		—	—	—	—	127-0826	127-0824	—	—
Telescopic Handlers											
TH62, TH63, TH82, TH83, TH103	31T	750	{147}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
Track Loaders											
2004-02 939 C - Hyslat	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
Track and Wheeled Material Handlers											
320BMH, 325BMH, 330BMH, 345BMH, 350MH	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
375MH	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
Track-Type Tractors											
D11R	4D	1300	{173}	153-5710	—	—	—	—	—	—	—
D2	2	660	{172,179}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	3EE	400	{15,165}	—	—	—	—	8C-3620	250-0488{31}	—	—
D3	4D	950	{163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D3C	31P	900	{16,147,163}	—	—	—	—	127-0824{29}	—	—	—
D4	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
D4, D5, D6	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
	4D	950	{15,163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D4, D6	2	660	{17,163,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
D4B	4D	950	{163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D4B - Optional	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
D4C	31P	950	{15,163,166}	—	—	—	—	127-0824{29}	—	—	—
D4H, D4HXL	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
D5, D6, D7, D8, D9	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
D5C All	31P	900	{15}	—	—	—	—	127-0824{29}	—	—	—
D5M, D6M All	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
D6	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
D6D, D6H - Optional	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D6D, D6H, D5H, D5HXL, D6HXL, D6HXR	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
D6G, D6R All	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
D7, D8	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	4D	950	{15,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D7, D8, D9	8D	1250	{15,163}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
D7G, D7H, D7R, D8L, D8N	4D	950	{16,148,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D7G, D7H, D7R, D8L, D8N - Optional	31P	750	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
D8R All	31T	750	{173}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
D9	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
D9L, D9N	4D	950	{16,148,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
D9L, D9N - Optional	8D	1250	{148}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—

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EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Track-Type Tractors (Continued)											
D9R, D10R	4D	1300	{16,148,163}	153-5710	—	—	—	—	—	—	—
Older Models Electric Start	3EE	400	{15}	—	—	—	—	8C-3620	250-0488{31}	—	—
Trucks											
2007-05 793C X Q	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
Vibrating Asphalt											
2004-02 CB 214 E	24	650		—	—	—	—	127-0826	127-0824	—	—
Vibratory Soil											
2004-02 CP 323 C	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
Waste Handling											
2008-05 963C, 953C WH	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2008-05 973C WH	4D	1000		153-5710	—	—	—	—	—	—	—
2007-05 924GZ WHA	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2007-05 928G WHA, 938G WHA	31T	1000	{15}	—	—	—	—	—	—	—	—
2007-05 928G, 938G, 950G, 966G WHA	31T	1000	{15}	—	—	—	—	—	—	—	—
2007-05 938 G Series 2	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2007-05 950G WHA, 966 WHA	31T	900	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
2007-05 953C WH, 963C WH	31T	950	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
Wheel & Track Skidders											
517	31T	900	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
527, 637E	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
631E, 633E	31T	750	{173}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
651E, 657E(T), 657(S)	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
Wheel & Track-Type Loaders & Dozers											
814F	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
824G	31T	750	{173}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
834B	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
844, 854G	4D	1300	{15}	153-5710	—	—	—	—	—	—	—
900	4D	1000	{17,163,166}	153-5710	—	—	—	—	—	—	—
910	31P	700	{2,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	4D	950	{163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
910 - Optional	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
910F, 916, 918F	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
920	2	660	{17,163,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
920, 944, 944A, 950	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
	4D	950	{15,163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
922, 930	24	425	{163,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
922, 930, 944, 944A, 950, 955, 977, 980	2	660	{17,148,163}	153-5690	—	—	—	8C-3629	8C-3617	—	—
926, 936, 936F	31P	700	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
931, 935	4D	950	{163,165}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
931, 935 - Optional	8D	1250		153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
933	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
933C, 939C	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
936, 936F - Optional	4D	1000	{15}	153-5710	—	—	—	—	—	—	—

{2} Check terminal post arrangement carefully! Could be top or side terminals. {15} Two batteries required. For best results, replace both.

{16} Vibration proof battery. Replacement not available. {17} Watch polarity and clearance! Vehicle could have reverse terminal battery.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{31} Replacement battery is longer and wider than OE. Hold-down and/or tray replacement may be necessary. {147} 1 Battery - Dual Battery Opt.

{148} Two or more batteries required. For best results, replace all. {163} Direct electric start. {164} Gas starting engine.

{165} 12-Volt. {166} 24-Volt. {168} Air start. {172} 6-Volt. {173} Requires 4 batteries.

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Wheel & Track-Type Loaders & Dozers (Continued)											
941	2	660	{15,163,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
943	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
943 - Optional	31P	700	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
944, 944A, 950, 933, 955, 977, 980	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
944, 944A, 950, 966 - Optional	31P	700	{148}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
950F - Optional	31P	750	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
950F, 966F, 970F, 973	4D	1000	{16,147,163}	153-5710	—	—	—	—	—	—	—
951	2	660	{17,163,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
953	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
953 - Optional	31P	700	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
953C, 963C	31T	760	{15}	175-4390	115-2422	115-2421	—	—	—	—	—
953D	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
955	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	4D	950	{15,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
960F, 963	4D	1000	{15,163,166}	153-5710	—	—	—	—	—	—	—
960F, 963 - Optional	31P	700	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
966	2	660	{17,163,166}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
966 - Optional	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
977, 980	2	660	{164,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	4D	950	{15,163}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
977, 980, 988 - Optional	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
980F, 983	4D	1000	{15,163,166}	153-5710	—	—	—	—	—	—	—
980F, 983 - Optional	31P	750	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	8D	1250	{173}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
988	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
988F, 992D	31P	750	{17,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
992, 994	8D	1250	{16,163,168}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
Wheel Loaders											
2008-07 950, 962, 966 H Series 2	4D	1000	{15}	153-5710	—	—	—	—	—	—	—
2008-07 H Series	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2008-05 906	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
2008-05 908, 914 G	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
2008-05 972 G, 972 H Series 2	31T	1000	{15}	—	—	—	—	—	—	—	—
2008-05 980 G, 980 H Series 2	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2008-05 990 Series 2, 992 G	4D	1125	{15}	153-5710	—	—	—	—	—	—	—
2007-05 950 G Series 2, 962 G Series 2	4D	1000	{15}	153-5710	—	—	—	—	—	—	—
2007-05 950, 960, 966 G Series 2	4D	1000	{15}	153-5710	—	—	—	—	—	—	—
2007-05 994 D	8D	1500	{15}	153-5720	—	—	—	250-0473	—	—	—
2007-05 Compact - 902	31T	750		175-4390	175-4370	115-2422	115-2421	—	—	—	—
2007-05 M313 C	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2007-02 924G, 928G	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
2007 950 H Series 2, 962 H Series 2	4D	1000	{15}	153-5710	—	—	—	—	—	—	—
2007 980 H Series 2, H Series	31T	750	{15}	175-4390	175-4370	115-2422	115-2421	—	—	—	—
2003-02 966G, 972G, 980G	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—
2003 966G, 972G, 980G	31T	900		175-4390	115-2422	115-2421	—	—	—	—	—

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.

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 or fire.

EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes	PREMIUM HIGH OUTPUT				GENERAL SERVICE LINE			
				Option 1	Option 2	Option 3	Option 4	Option 1	Option 2	Option 3	Option 4
Wheel Tractor Scrapers											
613	2	660	{17,163,172}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	29H	625	{15,163,166}	—	—	—	—	8C-3627	—	—	—
613, 619 - Optional	4D	950	{15}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
613, 621, 630, 631, 632, 641, 650, 651, 657, 660, 666 - Optional	31P	700	{148}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
615	4D	900	{15,163,165}	153-5710	153-5700	9X9730	9X-9720	8C-3623	—	—	—
615 - Optional	31P	700	{148}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
615C, 621F, 630, 631, 632, 641, 650, 651, 657, 660, 666	31P	750	{17,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
619	2	660	{17,163,166}	153-5690	—	—	—	8C-3629	8C-3617	—	—
	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
621	24	425	{164,165}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
621, 623, 627	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
621, 660, 666 - Optional	8D	1250	{15}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
623, 627 - Optional	31P	700	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	8D	1250	{148}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
623F, 627F	31P	750	{17,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
630, 631, 632, 641, 650, 651, 657	24	425	{147}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
	8D	1250	{15,163,166}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
633, 637, 639	4D	950	{15,163,166}	153-5710	153-5700	9X9730	9X-9720	—	—	—	—
633, 637, 639 - Optional	31P	700	{15}	—	—	—	—	127-0826{29}	127-0824{29}	—	—
	8D	1250	{148}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
660, 666	24	425	{16,147,164}	153-5656	—	—	—	8C-3600	3T-5857	250-0489	250-0486
776C - 24-volt	8D	1250	{15,163,166}	153-5720	101-4000	153-5710	9X9730	8C-3624	250-0473	—	—
784B - 24-volt	31P	750	{15,163,166}	—	—	—	—	127-0826{29}	127-0824{29}	—	—

{15} Two batteries required. For best results, replace both. {16} Vibration proof battery. Replacement not available.

{17} Watch polarity and clearance! Vehicle could have reverse terminal battery.

{29} Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.

{147} 1 Battery - Dual Battery Opt. {148} Two or more batteries required. For best results, replace all.

{163} Direct electric start. {164} Gas starting engine. {165} 12-Volt. {166} 24-Volt. {172} 6-Volt.

Premium High Output batteries should be your first choice for all earth moving applications. Option 1 in each category is the preferred size.