

CATERPILLAR REPLACEMENT PARTS CROSSOVER LIST

CAT PART #	PACBRAKE PART #	DESCRIPTION
Replacement Engine Brake Tune-up Kits		
143-6479	P34601	3406/B/CTUNE-UP KIT
143-6626	P19502	TUNE-UP KIT C10/C12
143-6628	P19654	TUNE-UP KIT JAKE 340/A/B/C

Replacement Engine Brake Solenoids		
01-021253	P04206	SOLENOID 12 VOLT D/L
163-1533	P39015	SOLENOID 12 VOLT D/L
163-1547	P04205-24	SOLENOID 24 VOLT S/L
163-1553	P04206	SOLENOID 24 VOLT D/L
2U-1490	P04205	SOLENOID 12 VOLT

Complete Parts List		
01-021253	P04206	SOLENOID 24 VOLT D/L
OS-1614	P01492	CAPSCREW-HEX
102-8780	P11930	CONTROL VALVE
143-2533	P11283	CONTROL VALVE
143-2534	P11284	SNAP RING, CONTROL VALVE
143-2536	P11823	SPRING, CONTROL VALVE – INNER
143-2539	P12991	RETAINING RING
143-2544	P14928	COVER, CONTROL VALVE
143-2545	P15561	SNAP RING
143-2546	P01030	WASHER ACCUMULATOR
143-2557	P15906	SPACER GASKET
143-2559	P01023	RETAINING RING
143-2561	P01180	SWITCH COVER
143-2562	P01244	SELF-TAPPING SCREW
143-2563	P01512	TERMINAL
143-2564	P01534	DIODE
143-2565	P01558	6-32 x 1/4 RD SL MACHINE SCREW
143-2570	P03586	SWITCH – HI/LOW/OFF
143-2574	P03777	PLATE – HI/LOW/OFF
143-2584	P05639	SEAL
143-2590	P39100	INNER CONTROL VALVE SPRING
143-6455	P12246T	WOBBLE SWITCH
143-6456	P12261T	WOBBLE SWITCH & BRACKET GROUP
143-6458	P12269	MOUNTING BRACKET
143-6479	P34601	3406/B/CTUNE-UP KIT
143-6545	P60045	RELAY
143-6549	P01304	TOGGLE SWITCH – ON/OFF
143-6557	P17368	SOLENOID HARNESS
143-6564	P17593	RELAY BASE ASSEMBLY
143-6584	P39046	SPRING
143-6589	P18222	CONTROL VALVE COVER
143-6618	P19353	SPRING, MASTER PISTON-FLAT
143-6626	P19502	TUNE UP KIT C10/C12

CAT PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
143-6628	P19654	TUNE UP KIT JAKE 340/A/B/C
143-6642	P01081	UPPER SEAL RING
143-6684	P02390	SOLENOID HARNESS – CUMMINS
143-6692	P60125	SWITCH PLATE
143-6699	P07450	SOLENOID HARNESS – CAT
143-6703	P11251	COLLAR, CONTROL VALVE
143-6705	P09355	HEX NUT
143-6721	P14908	CLAMP
148-7445	P11253	OUTER CONTROL VALVE SPRING
148-7448	P01518	INNER CONTROL VALVE SPRING
155-5586	P01305	PLATE – OFF
163-1533	P39015	SOLENOID 12 VOLT D/L
163-1547	P04205-24	SOLENOID 24 VOLT S/L
163-1553	P04206	SOLENOID 24 VOLT D/L
171-2425	P02299	TERMINAL ASSEMBLY
171-4737	P01500	CONTROL VALVE
1Q-9544	P11722	BREATHER HOSE – CAT
1Q-9551	P03790	1/4-20 x 3/8 BHSC NYLON PATCH
1Q-9830	P01218	SWITCH
2U-1467	P11433	SPRING
2U-1468	P07832	CENTER SLAVE SPRING – CAT
2U-1469	P07833	OUTER SLAVE SPRING – CAT
2U-1471	P05611	SNAP RING – CAT
2U-1478	P01265	SCREW
2U-1481	P05612	MASTER PISTON
2U-1485	P01722	SCREW-SOCKET HEAD
2U-1487	P11434	CONTROL VALVE SPRING – OUTER
2U-1488	P11435	CONTROL VALVE SPRING – INNER
2U-1490	P04205	SOLENOID 12 VOLT
2U-1492	P01082	CENTER SOL. SEAL VITON
2U-1493	P01083	LOWER SOL SEAL VITON
2U-1501	P05653	5/16 X 1NC PLTHX SERR FLG SCRW – SUPERSEDED TO C11819
2U-1522	P01031	3/8-24 X 3/4 SOC SET FLPT ALLOY
2U-1526	P13158	FLAT SPRING
3L-8187	P01559	LOCK WASHER
7C-0030	P05647	OIL SUPPLY ADAPTER
7C-0031	P02411	O-RING
7C-0033	P11470	SPACER STUD –CAT
7C-0048	P13469	CROSSHEAD
9L-7712	P01026	JAM NUT-HEX 3/8 NF
9L-9814	P05654	5/16-18 SERR FLNGE ZINC NUT
9M-1974	P05656	PLAIN WASHER – CAT
SOLENOID	P01282	SCREEN, SOLENOID
SOLENOID	P01283	RETAINER, SOLENOID

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CUMMINS REPLACEMENT PARTS CROSSOVER LIST

CUMMINS PART #	PACBRAKE PART #	DESCRIPTION
Replacement Engine Brake Kits & Housings		
3804594	P14018	ENGINE BRAKE BASE KIT 94N14-450A 12 VOLT S/L (Check CPL #s)
3804597	P14022	ENGINE BRAKE BASE KIT 94N14-450B 12 VOLT S/L (Check CPL #s)
3804603	P14014	ENGINE BRAKE BASE KIT N14PLUS-455B 12 VOLT S/L (Check CPL #s)

Replacement Engine Brake Tune-up Kits & Gaskets		
3871418	P40024	TUNE-UP KIT (25B,30,30E,400,400H, 425A)
3871481	P16846	GASKET-EACH-455B/C N-14 P-14
3871537	P40026	TUNE-UP KIT CUMMINS 88 (JAKE 425A)
3871568	P20923	TUNE-UP KIT
3871580	P19848	TUNE-UP KIT CUMMINS L10/M11
3871657	P20923	TUNE-UP KIT 455B/C N14 PLUS
4025000	P13294 (need 3)	GASKET - CUMMINS
4025002	P14848 (need 3)	GASKET P38 METAL

Replacement Engine Brake Solenoids		
3871463	P04205	SOLENOID 12 VOLT
3871464	P04205-24	SOLENOID 24 VOLT S/L
3871465	P04206	SOLENOID 24 VOLT D/L
3871636	P04205-24	SOLENOID 24 VOLT S/L
3871637	P04206	SOLENOID 24 VOLT D/L
3871707	P04205	SOLENOID 12 VOLT
3871707	P04206	SOLENOID 24 VOLT D/L
3871708	P04205-24	SOLENOID 24 VOLT S/L
3871709	P04206	SOLENOID 24 VOLT D/L
3871711	P39015	SOLENOID 12 VOLT D/L
4024760	P04206	SOLENOID 24 VOLT D/L

Complete Parts List		
199225	P02969	SCREW
205643	P19295	CAPSCREW N-14
217788	P02514	STUD WASHER
3063531	P02856	MOUNTING STUD
3063533	P01234	STUD SPACER
3063546	P01199	STUD ASSEMBLY
3063548	P02856	STUD ASSEMBLY
3073972	P34655	PLUG CONNECTOR
3251588	P10180	SEAL - CUMMINS
3412330	P26170	CAP, CONTROL VALVE - 440B/C

CUMMINS PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
3804594	P14018 (Check CPL #s)	ENGINE BRAKE BASE KIT 94N14-450A 12 VOLT S/L
3804597	P14022 (Check CPL #s)	ENGINE BRAKE BASE KIT 94N14-450B 12 VOLT S/L
3804603	P14014 (Check CPL #s)	ENGINE BRAKE BASE KIT N14PLUS-455B 12 VOLT S/L
3871201	P01012	CONTROL VALVE SPRING
3871203	P01017	MASTER PISTON - 7/8
3871205	P01022	SLAVE PISTON SPRING
3871206	P01023	RETAINING RING
3871207	P01026	JAM NUT-HEX 3/8 NF
3871208	P01030	SPRING RETAINER
3871209	P01031	3/8-24 X 3/4 SOC SET FLPT ALLOY
3871210	P01033	CAPSCREW
3871211	P01040	TERMINAL
3871217	P01082	CENTER SOL. SEAL VITON
3871218	P01083	LOWER SOL SEAL VITON
3871220	P01094	NUT-1/2" NC, HEX
3871222	P01178	SWITCH BRACKET
3871224	P01180	SWITCH COVER
3871225	P01181	NUT-HEX
3871228	P01500	CONTROL VALVE
3871236	P01244	SELF-TAPPING SCREW
3871238	P01265	SCREW
3871243	P01304	TOGGLE SWITCH - ON/OFF
3871244	P01305	PLATE - OFF
3871248	P01492	CAPSCREW-HEX
3871249	P01512	TERMINAL
3871250	P01518	INNER CONTROL VALVE SPRING
3871251	P01519	OUTER CONTROL VALVE SPRING
3871252	P01531	CLAMP
3871253	P01534	DIODE
3871255	P01538	WASHER
3871257	P01558	6-32 x 1/4 RD SL MACHINE SCREW
3871258	P01559	LOCK WASHER
3871260	P01722	SCREW- SOCKET HEAD
3871264	P02390	SOLENOID HARNESS - CUMMINS
3871265	P60125	SWITCH PLATE
3871266	P02610P (need 3)	TEAR-OFF GASKET
3871267	P02856	STUD ASSEMBLY
3871268	P02957	TOGGLE SWITCH
3871303	P03586	SWITCH-HI/LOW/OFF
3871318	P03777	PLATE-HI/LOW/OFF
3871321	P03790	1/4 -20 x 3/8 BHSC NYLON PATCH
3871330	P04089	MASTER PISTON
3871331	P04136	CONTROL VALVE COVER

CUMMINS REPLACEMENT PARTS CROSSOVER LIST

CUMMINS PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
3871336	P11433	SPRING
3871338	P06796	BRACKET, THROTTLE SWITCH
3871344	P07447	MASTER PISTON SPRING
3871345	P39100	INNER CONTROL VALVE SPRING
3871347	P07623	SLAVE PISTON-P30E
3871348	P07671	FUEL ASSEMBLY SWITCH
3871351	P09353	PAFLASH JAMNUT
3871359	P09916	SET SCREW
3871364	P11251	COLLAR, CONTROL VALVE
3871365	P11252	COVER, CONTROL VALVE
3871366	P11253	OUTER CONTROL VALVE SPRING
3871372	P11283	CONTROL VALVE
3871373	P11284	SNAP RING, CONTROL VALVE
3871379	P09355	HEX NUT
3871383	P11544	BUTTON HEAD SCREW
3871388	P11720	SPRING
3871390	P11823	SPRING, CONTROL VALVE - INNER
3871391	P11841	MASTER PISTON SPRING
3871393	P11930	CONTROL VALVE
3871395	P12246T	WOBBLE SWITCH
3871397	P12261T	WOBBLE SWITCH & BRACKET GROUP
3871399	P12269	MOUNTING BRACKET
3871404	P13155	O-RING
3871418	P40024	TUNE-UP KIT (25B, 30, 30E, 400, 400H, 425A)
3871423	P14035	ENGINE CONTROL GROUP (CUMMINS)
3871438	P14619	HARNESS
3871444	P38025	OIL SUPPLY SCREW
3871445	P14928	COVER, CONTROL VALVE
3871446	P15561	SNAP RING
3871463	P04205	SOLENOID 12 VOLT
3871464	P04205-24	SOLENOID 24 VOLT S/L
3871465	P04206	SOLENOID 24 VOLT D/L
3871478	P16810	MASTER PISTON SPRING
3871481	P16846	GASKET - EACH - 455B/C N-14 P-14
3871486	P60045	RELAY
3871518	P17412	SPRING, MASTER PISTON - FLAT
3871530	P02299	TERMINAL ASSEMBLY

CUMMINS PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
3871538	P38011	TUNE-UP KIT CUMMINS 88 (JAKE 430, TEC430A)
3871548	P18187	WIRE HARNESS
3871549	P01218	SWITCH
3871561	P18792	SPRING, MASTER PISTON - FLAT
3871568	P20923	TUNE-UP KIT
3871580	P19848	TUNE-UP KIT CUMMINS L10/M11
3871594	P02970	TOGGLE SWITCH ASSEMBLY
3871612	P38045	INJECTOR SCREW
3871634	P21296	HARNESS
3871636	P04205-24	SOLENOID 24 VOLT S/L
3871637	P04206	SOLENOID 24 VOLT D/L
3871638	P01081	UPPER SEAL RING
3871642	P19103	SLAVE PISTON
3871643	P19104	OUTER SLAVE SPRING (455A/B)
3871644	P19105	INNER SLAVE SPRING (455A/B)
3871645	P19139	SLAVE PISTON RETAINER (455A/B)
3871648	P01314	ON/OFF TOGGLE SWITCH
3871652	P20800	HARNESS (450A/B/455B/C)
3871657	P20923	TUNE-UP KIT 455B/C N14 PLUS
3871663	P17593	RELAY BASE ASSEMBLY
3871680	P01955	SWITCH HARNESS
3871700	P02183	ACTUATING ROD - P01495 CLUTCH SW
3871702	P02411	O-RING
3871707	P04206	SOLENOID 24 VOLT D/L
3871708	P04205-24	SOLENOID 24 VOLT S/L
3871709	P04206	SOLENOID 24 VOLT D/L
3871711	P39015	SOLENOID 12 VOLT D/L
4024760	P04206	SOLENOID 24 VOLT D/L
4025000	P13294 (need 3)	GASKET - CUMMINS
4025002	P14848 (need 3)	GASKET - P38 METAL

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DETROIT DIESEL REPLACEMENT PARTS CROSSOVER LIST

DETROIT PART #	PACBRAKE PART #	DESCRIPTION
Replacement Engine Brake Tune-up Kits		
017506	P69201	DDC 6V 71/92TUNE-UP KIT
017507	P89201	DDC 8V 71/92TUNE-UP KIT
019875	P19875	TUNE-UP KIT 760
020530	P20530	750TUNE-UP KIT
020531	P20531	TUNE-UP KIT 760A/765/765A

Replacement Engine Brake Solenoids		
13472	P04205-24	SOLENOID 24 VOLT S/L
16440	P04205	SOLENOID 12 VOLT
16441	P04205-24	SOLENOID 24 VOLT S/L
20236	P04205-24	SOLENOID 24 VOLT S/L
20239	P04205	SOLENOID 12 VOLT
024612	P04205	SOLENOID 12 VOLT
024613	P04205	SOLENOID 12 VOLT
024616	P04205-24	SOLENOID 24 VOLT S/L
024619	P04205-24	SOLENOID 24 VOLT S/L
1024612	P04205	SOLENOID 12 VOLT
1024619	P04205-24	SOLENOID 24 VOLT S/L

Complete Parts List		
001012	P01012	CONTROL VALVE SPRING
001023	P01023	RETAINING RING
001026	P01026	JAM NUT-HEX 3/8 NF
001031	P01031	3/8-24 x 3/4 SOC SET FLPT ALLOY
001040	P01040	TERMINAL
001082	P01082	CENTER SOL SEAL VITON
001083	P01083	LOWER SOL SEAL VITON
001218	P01218	SWITCH
001265	P01265	SCREW
001282	P01282	SCREEN, SOLENOID
001283	P01283	RETAINER, SOLENOID
001287	P01287	OIL CONNECTOR
001288	P01288	SLAVE PISTON SPRING
001304	P01304	TOGGLE SWITCH - ON/OFF
001332	P01332	SEAL
001340	P01340	1/4 NFIN THIN WALL NUT PLATED
001341	P01341	SCREW-HEX
001492	P01492	CAPSCREW-HEX
001518	P01518	INNER CONTROL VALVE SPRING
001519	P01519	OUTER CONTROL VALVE SPRING
001521	P11930	CONTROL VALVE
001531	P01531	CLAMP
001534	P01534	DIODE
001538	P01538	WASHER
001558	P01558	6-32 x 1/4 RD SL MACHINE SCREW

DETROIT PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
001559	P01559	LOCK WASHER
001722	P01722	SCREW-SOCKET HEAD
002017	P02017	O-RING
002299	P02299	TERMINAL ASSEMBLY
002390	P02390	SOLENOID HARNESS - CUMMINS
002744	P02744	SCREW SUPERSEDED TO P012144
002769	P14908	CLAMP
003571	P60150	CAB GROUP 760/765
003586	P03586	SWITCH - HI/LOW/OFF
003777	P03777	PLATE - HI/LOW/OFF
004653	P04653	SEAL BUSHING
004665	P04665	HARNESS
005383	P05383	HARNESS
005384	P05384	HARNESS
006833	P60014	CABLETIE
007500	P39100	INNER CONTROL VALVE SPRING
010843	P10843	SPRING, OUTER CONTROL VALVE
011395	P09355	HEX NUT
011426	P11426	BRIDGE ADJUSTING SCREW
011434	P11434	CONTROL VALVE SPRING, OUTER
011720	P11720	SPRING
011930	P11930	CONTROL VALVE
012246	P12246T	WOBBLE SWITCH
012261	P12261T	WOBBLE SWITCH & BRACKET GROUP
012269	P12269	MOUNTING BRACKET
012981	P12981	MASTER PISTON
012983	P12983	ACCUMULATOR PISTON
012990	P12990	SPRING, ACCUMULATOR
012991	P12991	RETAINING RING
012996	P12996	BUTTON HEAD SCREW (760 ONLY)
013472	P04205-24	SOLENOID 24 VOLT S/L
014908	P14908	CLAMP
016440	P04205	SOLENOID 12 VOLT
016441	P04250-24	SOLENOID 24 VOLT S/L
016505	P01030	WASHER ACCUMULATOR
016535	P16535	SPRING, MASTER PISTON-FLAT
016557	P16557	COLLAR, CONTROL VALVE
016732	P05383	HARNESS
016733	P05384	HARNESS
016766	P16766	HEX NUT
016771	P16771	BRIDGE
017048	P17048	SLAVE PISTON
017506	P69201	DDC 6V 71/92TUNE-UP KIT
017507	P89201	DDC 8V 71/92TUNE-UP KIT
017565	P17565	MASTER PISTON

Replacement Engine Brake Parts for Jacobs

DETROIT DIESEL REPLACEMENT PARTS CROSSOVER LIST

DETROIT PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
017658	P17658	SPRING, MASTER PISTON
018188	P01218	SWITCH
019096	P50150	ENGINE CONTROL GROUP DDEC III AND IV
019504	P07500	SPRING
019576	P19576	SLAVE TORSION SPRING
019740	P19740	BUTTON HEAD SCREW
019741	P19741	WASHER
019875	P19875	TUNE-UP KIT 760
020218	P60155	ENGINE CONTROL GROUP DDEC III
020229	P01081	UPPER SEAL RING
020236	P04205-24	SOLENOID 24 VOLT S/L
020239	P04205	SOLENOID 12 VOLT
020382	P20382	POWER-LASH ASSEMBLY
020530	P20530	750 TUNE-UP KIT
020531	P20531	TUNE-UP KIT 760A/765/765A
021184	P60022	FLAT WASHER
024612	P04205	SOLENOID 12 VOLT
024613	P04205	SOLENOID 12 VOLT
024616	P04205-24	SOLENOID 24 VOLT S/L
024619	P04205-24	SOLENOID 24 VOLT S/L
029118	P80019	790/795/797 SPACER TUBE
1024612	P04205	SOLENOID 12 VOLT
1024619	P04205-24	SOLENOID 24 VOLT S/L

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MACK REPLACEMENT PARTS CROSSOVER LIST

MACK PART #	PACBRAKE PART #	DESCRIPTION
Replacement Engine Brake Tune-up Kits		
4559-18676	P18676	TUNE-UP KIT MACK 675
4559-18677	P18677	TUNE-UP KIT 680A
4559-18678	P18678	TUNE-UP KIT 680B

Replacement Engine Brake Solenoids		
4559-1024614	P04205	SOLENOID 12 VOLT
4559-16440	P04205	SOLENOID 12 VOLT
4559-24612	P04205	SOLENOID 12 VOLT
4559-24613	P04205	SOLENOID 12 VOLT

Complete Parts List		
4559-1023	P01023	RETAINING RING
4559-1024614	P04205	SOLENOID 12 VOLT
4559-1026	P01026	JAM NUT - HEX 3/8 NF
4559-1030	P01030	SPRING RETAINER
4559-1082	P01082	CENTER SOL. SEAL VITON
4559-1083	P01083	LOWER SOL SEAL VITON
4559-11283	P11283	CONTROL VALVE
4559-11434	P11434	CONTROL VALVE SPRING, OUTER
4559-11435	P11435	CONTROL VALVE SPRING, INNER
4559-1180	P01180	SWITCH COVER
4559-11930	P11930	CONTROL VALVE
4559-12246	P12246T	WOBBLE SWITCH
4559-12261	P12261T	WOBBLE SWITCH & BRACKET GROUP
4559-12269	P12269	MOUNTING BRACKET
4559-12757	P34650	CONTROL VALVE COVER
4559-1282	P01282	SCREEN, SOLENOID
4559-1283	P01283	RETAINER, SOLENOID
4559-12991	P12991	RETAINING RING
4559-13158	P13158	FLAT MASTER PISTON SPRING-CAT
4559-1492	P01492	CAPSCREW - HEX
4559-1512	P01512	TERMINAL

MACK PART #	PACBRAKE PART #	DESCRIPTION
Complete Parts List cont'		
4559-1521	P11930	CONTROL VALVE
4559-1531	P01531	CLAMP
4559-1534	P01534	DIODE
4559-1538	P01538	WASHER
4559-1558	P01558	6-32 x 1/4 RD SL MACHINE SCREW
4559-1559	P01559	LOCK WASHER
4559-16440	P04205	SOLENOID 12 VOLT
4559-1722	P01722	SCREW-SOCKET HEAD
4559-18188	P01218	SWITCH
4559-18676	P18676	TUNE-UP KIT MACK 675
4559-18677	P18677	TUNE-UP KIT 680A
4559-18678	P18678	TUNE-UP KIT 680B
4559-20229	P01081	UPPER SOL. SEAL VITON
4559-2030	P02030	FLAT SPRING
4559-2299	P02299	TERMINAL ASSEMBLY
4559-2411	P02411	O-RING
4559-24612	P04205	SOLENOID 12 VOLT
4559-24613	P04205	SOLENOID 12 VOLT
4559-2614	P02614	SWITCH BRACKET
4559-2615	P02615	ARM
4559-2744	P02744	SCREW
4559-3586	P03586	SWITCH - HI/LOW/OFF
4559-3777	P03777	PLATE - HI/LOW/OFF
4559-3790	P03790	1/4-20 x 3/8 BHSC NYLON PATCH
4559-6833	P60014	CABLETIE
4559-7500	P39100	INNER CONTROL VALVE SPRING

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