



PACBRAKE APPLICATION GUIDE

REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

UPDATED: July 7, 2023

CAT PART #

PACBRAKE PART #

DESCRIPTION

CATERPILLAR REPLACEMENT PARTS CROSSOVER LIST

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 12VOLT D/L |
| 163-1533 | P39015 | SOLENOID 12VOLT D/L |
| 163-1547 | P04205-24 | SOLENOID 24VOLT S/L |
| 163-1553 | P04206 | SOLENOID 24VOLT D/L |
| 2U-1490 | P04205 | SOLENOID (12VOLT) |

Complete Parts List

| | | |
|-----------|---------|--------------------------------|
| 01-021253 | P04206 | SOLENOID 24VOLT D/L |
| 0S-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 |
| 143-2567 | P60014 | CABLE TIE |
| 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 |



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Complete Parts List Continued

| | | |
|----------|-----------|---|
| 143-6564 | P17593 | RELAY BASE ASSEMBLY |
| 143-6584 | P39046 | SPRING |
| 143-6589 | P18222 | CONTROL VALVE COVER |
| 143-6592 | P34619 | PEEC III GROUP |
| 143-6608 | P34617 | MECHANICAL GROUP |
| 143-6618 | P19353 | SPRING, MASTER PISTON - FLAT |
| 143-6626 | P19502 | TUNE UP KIT C10/C12 |
| 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 – CATERPILLAR |
| 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 12VOLT D/L |
| 163-1547 | P04205-24 | SOLENOID 24VOLT S/L |
| 163-1553 | P04206 | SOLENOID 24VOLT D/L |
| 171-2425 | P02299 | TERMINAL ASSEMBLY |
| 171-4737 | P01500 | CONTROL VALVE |
| 1Q-9544 | P11722 | BREATHER HOSE – CATERPILLAR |
| 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 – CATERPILLAR |
| 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 (12VOLT) |
| 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 |



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CATERPILLAR REPLACEMENT PARTS CROSSOVER LIST

Complete Parts List Continued

| | | |
|----------|---------|------------------------------|
| 2U-1526 | P13158 | FLAT SPRING |
| 3L-8187 | P01559 | LOCK WASHER |
| 7C-0029 | P12810 | ADJUSTING SCREW |
| 7C-00300 | P05647 | OIL SUPPLY ADAPTER |
| 7C-0031 | P02411 | O-RING |
| 7C-0033 | P11470 | SPACER STUD –CATERPILLAR |
| 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 | P0565z6 | PLAIN WASHER – CATERPILLAR |
| SOLENOID | P01282 | SCREEN, SOLENOID |
| SOLENOID | P01283 | RETAINER, SOLENOID |

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REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

CUMMINS PART # PACBRAKE PART # DESCRIPTION

CUMMINS REPLACEMENT PARTS CROSSOVER LIST

Replacement Engine Brake Kits & Housings

| | | |
|---------|--------|---|
| 3804594 | P14018 | ENGINE BRAKE BASE KIT 94N14-450A 12VOLT S/L (Check CPL #s) |
| 3804597 | P14022 | ENGINE BRAKE BASE KIT 94N14-450B 12VOLT S/L (Check CPL #s) |
| 3804603 | P14014 | ENGINE BRAKE BASE KIT N14PLUS-455B 12VOLT S/L (Check CPL #s) |

Replacement Engine Brake Tune-up Kits & Gaskets

| | | |
|---------|-----------------|---|
| 3871261 | P02164 | GASKET |
| 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) | GASKETP38 METAL |

Replacement Engine Brake Solenoids

| | | |
|---------|-----------|---------------------|
| 3871463 | P04205 | SOLENOID (12VOLT) |
| 3871464 | P04205-24 | SOLENOID 24VOLT S/L |
| 3871465 | P04206 | SOLENOID 24VOLT D/L |
| 3871636 | P04205-24 | SOLENOID 24VOLT S/L |
| 3871637 | P04206 | SOLENOID 24VOLT D/L |
| 3871707 | P04205 | SOLENOID (12VOLT) |
| 3871707 | P04206 | SOLENOID 24VOLT D/L |
| 3871708 | P04205-24 | SOLENOID 24VOLT S/L |
| 3871709 | P04206 | SOLENOID 24VOLT D/L |
| 3871711 | P39015 | SOLENOID 12VOLT D/L |
| 4024760 | P04206 | SOLENOID 24VOLT 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 |



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REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

CUMMINS PART # PACBRAKE PART # DESCRIPTION

CUMMINS REPLACEMENT PARTS CROSSOVER LIST

Complete Parts List Continued

| | | |
|---------|------------------|---|
| 3804594 | P14018 | ENGINE BRAKE BASE KIT 94N14 - 450A 12VOLT S/L (Check CPL #s) |
| 3804597 | P14022 | ENGINE BRAKE BASE KIT 94N14 - 450B 12VOLT S/L (Check CPL #s) |
| 3804603 | P14014 | ENGINE BRAKE BASE KIT N14PLUS - 455B 12VOLT S/L (Check CPL #s) |
| 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 |
| 3871256 | P01793 | TERMINAL |
| 3871257 | P01558 | 6-32 x 1/4 RD SL MACHINE SCREW |
| 3871258 | P01559 | LOCK WASHER |
| 3871260 | P01722 | SCREW- SOCKET HEAD |
| 3871261 | P02164 | GASKET |
| 3871264 | P02390 | SOLENOID HARNESS - CUMMINS |
| 3871265 | P60125 | SWITCH PLATE |
| 3871266 | P02610P (need 3) | TEAR - OFF GASKET |
| 3871267 | P02856 | STUD ASSEMBLY |



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 REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

CATERPILLAR | CUMMINS | DETROIT | MACK

CUMMINS PART # | PACBRAKE PART # | DESCRIPTION

CUMMINS REPLACEMENT PARTS CROSSOVER LIST

Complete Parts List Continued

| | | |
|---------|-----------|---|
| 3871268 | P02957 | TOGGLE SWITCH |
| 3871303 | P03586 | SWITCH-HI/LOW/OFF |
| 3871316 | P03768 | GUIDE-BOLT |
| 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 |
| 3871336 | P11433 | SPRING |
| 3871338 | P06796 | BRACKET, THROTTLE SWITCH |
| 3871339 | P60014 | CABLE TIE |
| 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 | HARNES |
| 3871444 | P38025 | OIL SUPPLY SCREW |
| 3871445 | P14928 | COVER, CONTROL VALVE |
| 3871446 | P15561 | SNAP RING |
| 3871463 | P04205 | SOLENOID (12VOLT) |
| 3871464 | P04205-24 | SOLENOID 24VOLT S/L |
| 3871465 | P04206 | SOLENOID 24VOLT D/L |
| 3871478 | P16810 | MASTER PISTON SPRING |



CATERPILLAR | CUMMINS | DETROIT | MACK
PACBRAKE APPLICATION GUIDE
 REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

CUMMINS PART # | PACBRAKE PART # | DESCRIPTION

CUMMINS REPLACEMENT PARTS CROSSOVER LIST

Complete Parts List Continued

| | | |
|---------|-----------------|--|
| 3871481 | P16846 | GASKET – EACH – 455B/C N - 14 P - 14 |
| 3871486 | P60045 | RELAY |
| 3871518 | P17412 | SPRING, MASTER PISTON – FLAT |
| 3871530 | P02299 | TERMINAL ASSEMBLY |
| 3871537 | P40026 | TUNE - UP KIT CUMMINS 88 (JAKE 425A) |
| 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 24VOLT S/L |
| 3871637 | P04206 | SOLENOID 24VOLT 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 24VOLT D/L |
| 3871708 | P04205-24 | SOLENOID 24VOLT S/L |
| 3871709 | P04206 | SOLENOID 24VOLT D/L |
| 3871711 | P39015 | SOLENOID 12VOLT D/L |
| 4024760 | P04206 | SOLENOID 24VOLT D/L |
| 4025000 | P13294 (need 3) | GASKET – CUMMINS |
| 4025002 | P14848 (need 3) | GASKET – P38 METAL |

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REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

| DETROIT PART # | PACBRAKE PART # | DESCRIPTION |
|----------------|-----------------|-------------|
|----------------|-----------------|-------------|

DETROIT DIESEL REPLACEMENT PARTS CROSSOVER LIST

Replacement Engine Brake Housings & Kits

| | | |
|--------|--------|---|
| 018113 | P61001 | ENGINE BRAKE BASE KIT 11.1L UPTO 1998 DDC S60-12VOLT S/L (Check CPL #S) |
| 019032 | P63009 | ENGINE BRAKE BASE KIT 12.7L UPTO 1999 DDC S60-24VOLT S/L (Check CPL #S) |
| 025326 | P63009 | ENGINE BRAKE BASE KIT 12.7 L 1998 DDC S60-12VOLT S/L (Check CPL #S) |
| 025419 | P61001 | ENGINE BRAKE BASE KIT 11.1L 98-99 DDC S60-12VOLT S/L (Check CPL #S) |
| 026546 | P63009 | ENGINE BRAKE BASE KIT 12.7 L 99-00 DDC S60-12VOLT S/L (Check CPL #S) |

Replacement Engine Brake Tune-up Kits

| | | |
|--------|--------|---------------------------|
| 017506 | P69201 | DDC 6V 71/92 TUNE-UP KIT |
| 017507 | P89201 | DDC 8V 71/92 TUNE-UP KIT |
| 019875 | P19875 | TUNE-UP KIT 760 |
| 020530 | P20530 | 750 TUNE-UP KIT |
| 020531 | P20531 | TUNE-UP KIT 760A/765/765A |

Replacement Engine Brake Solenoids

| | | |
|---------|-----------|---------------------|
| 13472 | P04205-24 | SOLENOID 24VOLT S/L |
| 16440 | P04205 | SOLENOID (12VOLT) |
| 16441 | P04205-24 | SOLENOID 24VOLT S/L |
| 20236 | P04205-24 | SOLENOID 24VOLT S/L |
| 20239 | P04205 | SOLENOID (12VOLT) |
| 024612 | P04205 | SOLENOID (12VOLT) |
| 024613 | P04205 | SOLENOID (12VOLT) |
| 024616 | P04205-24 | SOLENOID 24VOLT S/L |
| 024619 | P04205-24 | SOLENOID 24VOLT S/L |
| 1024612 | P04205 | SOLENOID (12VOLT) |
| 1024619 | P04205-24 | SOLENOID 24VOLT S/L |

Complete Parts List

| | | |
|--------|--------|-------------------------------|
| 001012 | P01012 | CONTROL VALVE SPRING |
| 001023 | P01023 | RETAINING RING |
| 001026 | P01026 | JAM NUT-HEX 3/8 NF |
| 001031 | P01031 | 3/8-24X3/4 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 |



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REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

DETROIT PART # | PACBRAKE PART # | DESCRIPTION

DETROIT DIESEL REPLACEMENT PARTS CROSSOVER LIST

| Complete Parts List Continued | | |
|--------------------------------------|---------|--------------------------------|
| 001287 | P01287 | OIL CONNECTOR |
| 001288 | P01288 | SLAVE PISTON SPRING |
| 001304 | P01304 | TOGGLE SWITCH – ON/OFF |
| 001332 | P01332 | SEAL |
| 001340 | P01340 | 1/4 NF 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 |
| 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 |
| 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 | CABLE TIE |
| 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 |



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| DETROIT PART # | PACBRAKE PART # | DESCRIPTION |
|--|------------------------|---|
| DETROIT DIESEL REPLACEMENT PARTS CROSSOVER LIST | | |
| Complete Parts List Continued | | |
| 012990 | P12990 | SPRING, ACCUMULATOR |
| 012991 | P12991 | RETAINING RING |
| 012996 | P12996 | BUTTON HEAD SCREW (760 ONLY) |
| 013472 | P04205-24 | SOLENOID 24VOLT S/L |
| 014908 | P14908 | CLAMP |
| 016440 | P04205 | SOLENOID (12VOLT) |
| 016441 | P04250-24 | SOLENOID 24VOLT 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 |
| 017658 | P17658 | SPRING, MASTER PISTON |
| 018112 | P63009 | ENGINE BRAKE BASE KIT 12.7L UPTO 1999 DDC S60 - 12VOLT S/L (Check CPL #S) |
| 018113 | P61001 | ENGINE BRAKE BASE KIT 11.1L UPTO 1998 DDC S60 - 12VOLT S/L (Check CPL #S) |
| 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 24VOLT S/L |
| 020239 | P04205 | SOLENOID (12VOLT) |
| 020382 | P20382 | POWER-LASH ASSEMBLY |
| 020530 | P20530 | 750TUNE - UP KIT |
| 020531 | P20531 | TUNE-UP KIT 760A/765/765A |
| 021184 | P60022 | FLAT WASHER |
| 024612 | P04205 | SOLENOID (12VOLT) |
| 024613 | P04205 | SOLENOID (12VOLT) |
| 024616 | P04205-24 | SOLENOID 24VOLT S/L |



PACBRAKE APPLICATION GUIDE

REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

| DETROIT PART # | PACBRAKE PART # | DESCRIPTION |
|----------------|-----------------|-------------|
|----------------|-----------------|-------------|

DETROIT DIESEL REPLACEMENT PARTS CROSSOVER LIST

| Complete Parts List Continued | | |
|-------------------------------|-----------|--|
| 024619 | P04205-24 | SOLENOID 24VOLT S/L |
| 025326 | P63009 | ENGINE BRAKE BASE KIT 12.7 L 1998 DDC S60-12VOLT S/L (Check CPL #S) |
| 025419 | P61001 | ENGINE BRAKE BASE KIT 11.1L 98-99 DDC S60-12VOLT S/L (Check CPL #S) |
| 026546 | P63009 | ENGINE BRAKE BASE KIT 12.7 L 99-00 DDC S60-12VOLT S/L (Check CPL #S) |
| 026547 | P63009 | ENGINE BRAKE BASE KIT 12.7L 99-00 DDC S60-24VOLT S/L (Check CPL #S) |
| 029118 | P80019 | 790/795/797 SPACERTUBE |
| 1024612 | P04205 | SOLENOID (12VOLT) |
| 1024619 | P04205-24 | SOLENOID 24VOLT S/L |

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PACBRAKE APPLICATION GUIDE

REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

MACK PART #

PACBRAKE PART #

DESCRIPTION

MACK REPLACEMENT PARTS CROSSOVER LIST

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 (12VOLT) |
| 4559-16440 | P04205 | SOLENOID (12VOLT) |
| 4559-24612 | P04205 | SOLENOID (12VOLT) |
| 4559-24613 | P04205 | SOLENOID (12VOLT) |

Complete Parts List

| | | |
|--------------|---------|--------------------------------|
| 4559-1023 | P01023 | RETAINING RING |
| 4559-1024614 | P04205 | SOLENOID (12VOLT) |
| 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 |
| 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 (12VOLT) |
| 4559-1722 | P01722 | SCREW-SOCKET HEAD |
| 4559-18188 | P01218 | SWITCH |



PACBRAKE APPLICATION GUIDE

REPLACEMENT ENGINE BRAKE PARTS FOR JACOBS

MACK PART #

PACBRAKE PART #

DESCRIPTION

MACK REPLACEMENT PARTS CROSSOVER LIST

Complete Parts List Continued

| | | |
|------------|--------|---------------------------------|
| 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 (12VOLT) |
| 4559-24613 | P04205 | SOLENOID (12VOLT) |
| 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 | CABLE TIE |
| 4559-7500 | P39100 | INNER CONTROL VALVE SPRING |

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