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53 SERIES

IN-FRAME KITS

| PART # | DESCRIPTION | 3 | 4 | 6V | CYL KIT |
|--------------|--|---|---|----|------------|
| A-353 | Trunk / Natural / 21:1 / N&C Injector | 1 | | | A-5198899 |
| A-353-17:1 | Trunk / Natural / 17:1 / S Injector | 1 | | | A-5198903 |
| A-353T | Trunk / Turbocharged / 18.7:1 / 1.5" Pin Diameter | 1 | | | A-5149734 |
| A-353XHT.74 | Crosshead / Turbocharged / 18:1 / .74" Port Height | 1 | | | A-23503810 |
| A-353XHT.84 | Crosshead / Turbocharged / 18:1 / .84" Port Height | 1 | | | A-23503811 |
| A-453-21:1 | Trunk / Natural / 21:1 / N&C Injector | | 1 | | A-5198899 |
| A-453-17:1 | Trunk / Natural / 17:1 / S Injector | | 1 | | A-5198903 |
| A-453-T | Trunk / Turbocharged / 18.7:1 / 1.5" Pin Diameter | | 1 | | A-5149734 |
| A-453XHT.74 | Crosshead / Turbocharged / 18:1 / .74" Port Height | | 1 | | A-23503810 |
| A-453XHT.84 | Crosshead / Turbocharged / 18:1 / .84" Port Height | | 1 | | A-23503811 |
| A-6V53-21:1 | Trunk / Natural / 21:1 / N&C Injector | | | 1 | A-5198899 |
| A-6V53-17:1 | Trunk / Natural / 17:1 / S Injector | | | 1 | A-5198903 |
| A-6V53-T | Trunk / Turbocharged / 18.7:1 / 1.5" Pin Diameter | | | 1 | A-5149734 |
| A-6V53XHT.74 | Crosshead / Turbocharged / 18:1 / .74" Port Height | | | 1 | A-23503810 |
| A-6V53XHT.84 | Crosshead / Turbocharged / 18:1 / .84" Port Height | | | 1 | A-23503811 |
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OVERHAUL KITS

| PART # | DESCRIPTION | 3 | 4 | 6V | CYL KIT |
|-----------------|--|---|---|----|------------|
| A-353-OH | Trunk / Natural / 21:1 / N&C Injector | 1 | | | A-5198899 |
| A-353-OH-17:1 | Trunk / Natural / 17:1 / S Injector | 1 | | | A-5198903 |
| A-353T-OH | Trunk / Turbocharged / 18.7:1 / 1.5" Pin Diameter | 1 | | | A-5149734 |
| A-353XHT.74-OH | Crosshead / Turbocharged / 18:1 / .74" Port Height | 1 | | | A-23503810 |
| A-353XHT.84-OH | Crosshead / Turbocharged / 18:1 / .84" Port Height | 1 | | | A-23503811 |
| A-453-21:1-OH | Trunk / Natural / 21:1 / N&C Injector | | 1 | | A-5198899 |
| A-453-17:1-OH | Trunk / Natural / 17:1 / S Injector | | 1 | | A-5198903 |
| A-453-T-OH | Trunk / Turbocharged / 18.7:1 / 1.5" Pin Diameter | | 1 | | A-5149734 |
| A-453XHT.74-OH | Crosshead / Turbocharged / 18:1 / .74" Port Height | | 1 | | A-23503810 |
| A-453XHT.84-OH | Crosshead / Turbocharged / 18:1 / .84" Port Height | | 1 | | A-23503811 |
| A-6V53-21:1-OH | Trunk / Natural / 21:1 / N&C Injector | | | 1 | A-5198899 |
| A-6V53-T-OH | Trunk / Turbocharged / 18.7:1 / 1.5" Pin Diameter | | | 1 | A-5149734 |
| A-6V53XHT.74-OH | Crosshead / Turbocharged / 18:1 / .74" Port Height | | | 1 | A-23503810 |
| A-6V53XHT.84-OH | Crosshead / Turbocharged / 18:1 / .84" Port Height | | | 1 | A-23503811 |
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53 SERIES

ENGINE BEARINGS

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|------------------------------|-------------------------------------|
| A-5149452 | 3 | 4 | | Connecting Rod Bearing STD | |
| A-5149454 | 3 | 4 | | Connecting Rod Bearing .010" | |
| A-5149455 | 3 | 4 | | Connecting Rod Bearing .020" | |
| A-5149456 | 3 | 4 | | Connecting Rod Bearing .030" | |
| A-5197975 | | | 6 | Connecting Rod Bearing STD | |
| A-5197977 | | | 6 | Connecting Rod Bearing .010" | |
| A-5197978 | | | 6 | Connecting Rod Bearing .020" | |
| A-5197979 | | | 6 | Connecting Rod Bearing .030" | |
| A-8924357 | 4 | 5 | | Main Bearing STD | Non-turbo / non-slotted |
| A-8924359 | 4 | 5 | | Main Bearing .010" | Non-turbo / non-slotted |
| A-8924360 | 4 | 5 | | Main Bearing .020" | Non-turbo / non-slotted |
| A-8924361 | 4 | 5 | | Main Bearing .030" | Non-turbo / non-slotted |
| A-5149447 | 4 | 5 | | Main Bearing STD | Turbocharged / slotted |
| A-5149449 | 4 | 5 | | Main Bearing .010" | Turbocharged / slotted |
| A-5149450 | 4 | 5 | | Main Bearing .020" | Turbocharged / slotted |
| A-5149451 | 4 | 5 | | Main Bearing .030" | Turbocharged / slotted |
| A-5195927 | | | 4 | Main Bearing STD | Thru S/N 6D11073 on marine models & |
| A-5196685 | | | 4 | Main Bearing .010" | Thru S/N 6D17959 on all others |
| A-5196686 | | | 4 | Main Bearing .020" | |
| A-5196687 | | | 4 | Main Bearing .030" | |
| A-5198410 | | | 4 | Main Bearing (7-hole) STD | S/N 6D11074 & up on marine models & |
| A-5198412 | | | 4 | Main Bearing (7-hole) .010" | S/N 6D17960 & up on all others |
| A-5198413 | | | 4 | Main Bearing (7-hole) .020" | |
| A-5198414 | | | 4 | Main Bearing (7-hole) .030" | |
| A-5116197 | 4 | 4 | | Thrust Washer STD | |
| A-5196755 | 4 | 4 | | Thrust Washer .005" | |
| A-5196756 | 4 | 4 | | Thrust Washer .010" | |
| A-5159353 | | | 4 | Thrust Washer STD | |
| A-5160542 | | | 4 | Thrust Washer .005" | |
| A-5192111 | | | 4 | Thrust Washer .010" | |
| A-141346 | 4 | 4 | 4 | Thrust Washer Dowel | |
| A-5198209 | 1 | | | Cam Bushing Set STD | |
| A-5198470 | 1 | | | Cam Bushing Set .010" | |
| A-5198471 | 1 | | | Cam Bushing Set .020" | |
| A-5198984 | | 1 | | Cam Bushing Set STD | |
| A-5198978 | | 1 | | Cam Bushing Set .010" | |
| A-5198981 | | 1 | | Cam Bushing Set .020" | |
| A-5197944 | | | 1 | Cam Bushing Set STD | |
| A-5197945 | | | 1 | Cam Bushing Set .010" | |
| A-5197946 | | | 1 | Cam Bushing Set .020" | |
| A-5116198 | 2 | 2 | 2 | Cam Thrust Washer | |
| A-5196793 | 1 | 1 | 1 | Idler Gear Bushing | |
| A-5132504 | 2 | 2 | 2 | Idler Gear Thrust Washer | |
| A-5116181 | 6 | 8 | 12 | Connecting Rod Bushing | Non-turbo trunk engines |

53 SERIES

GASKET SETS

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|--|---|---|----|----------------------------------|------------------------|
| A-23517623 | 1 | | | Overhaul Gasket Set | With cork R/C gasket # |
| A-23517624 | | 1 | | Overhaul Gasket Set | With cork R/C gasket # |
| A-23512690 | | | 1 | Overhaul Gasket Set | With cork R/C gasket # |
| A-23521366 | | | 1 | Overhaul Gasket Set Turbo Engine | With cork R/C gasket # |
| A-8927743 | | | 1 | Overhaul Gasket Set 5063-5396 | |
| A-5199811 | 1 | | 2 | Cylinder Head Gasket Set | With cork R/C gasket |
| A-5199812 | | 1 | | Cylinder Head Gasket Set | With cork R/C gasket |
| A5198041 | 1 | | | Blower Installation Set | |
| A-5198042 | | 1 | | Blower Installation Set | |
| A-5198043 | | | 1 | Blower Installation Set | |
| NOTE: # The above sets do not include crankshaft seals and contain only basic cooler gaskets. | | | | | |
| | | | | | |
| | | | | | |

CRANKSHAFT SEALS

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|------------|---|---|----|-----------------------------------|--------------------|
| A-5116224 | 1 | 1 | 1 | Front Seal -- Lip Type STD | |
| A-5198503 | 1 | 1 | 1 | Front Seal -- Lip Type O/S | |
| A-5138796 | | | 1 | Front Seal -- Lip Type STD | 2.87" OD military |
| A-5198502 | 1 | 1 | 1 | Front Wear Sleeve | Use with O/S seal |
| A-5116229 | 1 | 1 | 1 | Rear Seal -- Lip Type STD | Single lip |
| A-5196852 | 1 | 1 | 1 | Rear Seal -- Lip Type O/S | Single lip |
| A-5128917 | 1 | 1 | 1 | Rear Seal -- Lip Type STD | Double lip |
| A-8926902 | 1 | 1 | 1 | Rear Seal -- Directional Type STD | RH engine rotation |
| A-8924374 | 1 | 1 | 1 | Rear Seal -- Directional Type O/S | RH engine rotation |
| A-23516636 | 1 | 1 | 1 | Rear Wear Sleeve | Use with O/S seal |
| | | | | | |
| | | | | | |

ROCKER COVER MOUNTING

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|-------------------------|-----------------------|
| A-5147994 | 1 | | 2 | Cover Gasket - Cork | For stamped steel R/C |
| A-5147506 | | 1 | | Cover Gasket - Cork | For stamped steel R/C |
| A-8925273 | 1 | | 2 | Cover Gasket - Silicone | For cast aluminum R/C |
| A-8925274 | | 1 | | Cover Gasket - Silicone | For cast aluminum R/C |
| A-5104515 | 2 | 2 | 4 | Isolator | For cast aluminum R/C |
| A-5104514 | 2 | 2 | 4 | Isolator Washer | For cast aluminum R/C |
| | | | | | |
| | | | | | |

53 SERIES

CYLINDER HEAD COMPONENTS

4-VALVE

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|------------|----|----|----|--------------------------------|--------------------------------|
| A-5199323 | 12 | 16 | 24 | Valve Kit - 4-valve | Non-turbocharged |
| A-5197176 | 12 | 16 | 24 | Valve Kit - 4-valve | Turbocharged - coded "U" |
| A-5116341 | 24 | 32 | 48 | Valve Lock | |
| A-5144019 | 12 | 16 | 24 | Valve Spring HIGH-LIFT | .135" wire diameter |
| A-5147424 | 12 | 16 | 24 | Valve Spring LOW-LIFT | .148" wire diameter |
| A-5123330 | 12 | 16 | 24 | Valve Spring Cap | |
| A-5111467 | 12 | 16 | 24 | Valve Spring Seat | |
| A-5198529 | 12 | 16 | 24 | Valve Guide Kit | Contains guide & seal |
| A-5131961 | 12 | 16 | 24 | Valve Guide | |
| A-8921741 | 12 | 16 | 24 | Valve Guide Seal | Metal with teflon lip |
| A-8921501 | 12 | 16 | 24 | Valve Insert (seat) STD | Non-turbocharged |
| A-5196752 | 12 | 16 | 24 | Valve Insert (seat) .010" O/S | Non-turbocharged |
| A-8921502 | 12 | 16 | 24 | Valve Insert (seat) STD | Turbocharged |
| A-5128640 | 9 | 12 | 18 | Push Rod | |
| A-5151601 | 9 | 12 | 18 | Push Rod Nut | |
| A-5186858 | 9 | 12 | 18 | Push Rod Spring | < S/N 3D6127,4D8548,6D2708 |
| A-5108918 | 9 | 12 | 18 | Push Rod Spring | S/N 3D6128,4D8549,6D2709 & up |
| A-5150303 | 9 | 12 | 18 | Push Rod Spring Retainer | |
| A-5150302 | 9 | 12 | 18 | Push Rod Spring Seat Upper | |
| A-5108919 | 9 | 12 | 18 | Push Rod Spring Seat Upper | |
| A-5123250 | 9 | 12 | 18 | Push Rod Spring Seat Lower | |
| A-8924439 | 9 | 12 | 18 | Follower Assembly | |
| A-8923814 | 9 | 12 | 18 | Follower Roller Set | Includes roller, bushing & pin |
| A-5116125 | 3 | 4 | 6 | Follower Guide | |
| A-443603 | 6 | 8 | 12 | Follower Guide Bolt | |
| A-103319 | 6 | 8 | 12 | Follower Guide Lockwasher | |
| A-5135267 | 3 | 4 | 6 | Rocker Arm Valve - Left | |
| A-5135268 | 3 | 4 | 6 | Rocker Arm Valve - Right | |
| A-8923554 | 3 | 4 | 6 | Rocker Arm - Injector | MCB4355 repair kit available |
| A-5116072 | 3 | 4 | 6 | Rocker Shaft | |
| A-5119198 | 6 | 8 | 12 | Rocker Shaft Bracket Bolt | |
| A-8925981 | 3 | 4 | 6 | Injector Tube Kit STD | |
| A-8925981A | 3 | 4 | 6 | Injector Tube Kit O/S | Heavy nose |
| A-5119293 | 4 | 6 | 8 | Water Nozzle Double Jet | |
| A-8926992 | 6 | 8 | 12 | Fuel Connector | Flared type |
| A-23504075 | 6 | 8 | 12 | Fuel Connector | Seal ring type |
| A-8925644 | 6 | 8 | 12 | Fuel Connector Washer | |
| A-23511852 | 6 | 8 | 12 | Fuel Jumper Line | Flared type |
| A-23504074 | 6 | 8 | 12 | Fuel Jumper Line | Seal ring type |
| A-8925804 | 4 | 5 | 8 | Exhaust Manifold Stud | |
| A-23505398 | 4 | 5 | 8 | Exhaust Manifold Nut | |
| A-5104439 | 4 | 5 | 8 | Exhaust Manifold Washer | |
| A-5116205 | 1 | | 2 | Exhaust Manifold Gasket | |
| A-5119006 | | 1 | | Exhaust Manifold Gasket | |
| A-5147994 | 1 | | 2 | Rocker Cover Gasket - Cork | For steel cover |
| A-5147506 | | 1 | | Rocker Cover Gasket - Cork | For steel cover |
| A-8925273 | 1 | | 2 | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-8925274 | | 1 | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| | | | | | |
| | | | | | |

53 SERIES

CYLINDER HEAD COMPONENTS

2-VALVE

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|------------|----|----|----|--------------------------------|--------------------------------|
| A-5195948 | 6 | 8 | | Valve Kit - 2-valve | |
| A-5111337 | 12 | 16 | | Valve Lock | |
| A-5116140 | 6 | 8 | | Valve Spring | |
| A-5111338 | 6 | 8 | | Valve Spring Cap | |
| A-5129919 | 6 | 8 | | Valve Guide - 2-valve | |
| A-8921209 | 6 | 8 | | Valve Guide Seal - 2-valve | |
| A-5116196 | 6 | 8 | | Valve Insert (seat) STD | |
| A-5128640 | 9 | 12 | | Push Rod | |
| A-5151601 | 9 | 12 | | Push Rod Nut | |
| A-5186858 | 9 | 12 | | Push Rod Spring | < S/N 3D6127,4D8548 |
| A-5108918 | 9 | 12 | | Push Rod Spring | S/N 3D6128,4D8549 & up |
| A-5150303 | 9 | 12 | | Push Rod Spring Retainer | |
| A-5150302 | 9 | 12 | | Push Rod Spring Seat Upper | |
| A-5108919 | 9 | 12 | | Push Rod Spring Seat Upper | |
| A-5123250 | 9 | 12 | | Push Rod Spring Seat Lower | |
| A-8924439 | 9 | 12 | | Follower Assembly | |
| A-8923814 | 9 | 12 | | Follower Roller Set | Includes roller, bushing & pin |
| A-5116125 | 3 | 4 | | Follower Guide | |
| A-443603 | 6 | 8 | | Follower Guide Bolt | |
| A-103319 | 6 | 8 | | Follower Guide Lockwasher | |
| A-5116072 | 3 | 4 | | Rocker Shaft | |
| A-5119198 | 6 | 8 | | Rocker Shaft Bracket Bolt | |
| A-8925981 | 3 | 4 | | Injector Tube Kit STD | |
| A-8925981A | 3 | 4 | | Injector Tube Kit O/S | Heavy nose |
| A-8926992 | 6 | 8 | | Fuel Connector | Flared type |
| A-8925644 | 6 | 8 | | Fuel Connector Washer | |
| A-23511852 | 6 | 8 | | Fuel Jumper Line | Flared type |
| A-8925804 | 4 | 5 | | Exhaust Manifold Stud | |
| A-23505398 | 4 | 5 | | Exhaust Manifold Nut | |
| A-5104439 | 4 | 5 | | Exhaust Manifold Washer | |
| A-5116205 | 1 | | | Exhaust Manifold Gasket | |
| A-5119006 | | 1 | | Exhaust Manifold Gasket | |
| A-5147994 | 1 | | | Rocker Cover Gasket - Cork | For steel cover |
| A-5147506 | | 1 | | Rocker Cover Gasket - Cork | For steel cover |
| A-8925273 | 1 | | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-8925274 | | 1 | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| | | | | | |
| | | | | | |

FUEL INJECTOR & MOUNTING

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|--|---|---|----|-----------------------|--------------|
| ***Refer to the INTERSTATE-McBEE FUEL INJECTION CATALOG for DETROIT DIESEL® for a complete listing of injector assemblies and components.*** | | | | | |
| A-23511852 | 6 | 8 | 12 | Fuel Jumper Line | Flared style |
| A-8926992 | 6 | 8 | 12 | Fuel Connector | Flared style |
| A-8925644 | 6 | 8 | 12 | Fuel Connector Washer | |
| A-5121259 | 3 | 4 | 6 | Injector Clamp | |
| A-5150250 | 3 | 4 | 6 | Injector Clamp Washer | |
| | | | | | |
| | | | | | |

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53 SERIES

FUEL PUMP

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|------------------------------|-----------------------|
| A-5199560 | 1 | 1 | 1 | Fuel Pump Assembly | LH standard capacity |
| R-5199560 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH standard capacity |
| A-5199561 | 1 | 1 | 1 | Fuel Pump Assembly | RH standard capacity |
| R-5199561 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | RH standard capacity |
| A-5199734 | | | 1 | Fuel Pump Assembly | RH high capacity |
| R-5199734 | | | 1 | Fuel Pump Assembly - Rebuilt | RH high capacity |
| A-5195078 | 1 | 1 | 1 | Fuel Pump Repair Kit | For standard capacity |
| A-5149599 | | | 1 | Fuel Pump Repair Kit | For high capacity |
| A-5154216 | 1 | 1 | | Fuel Pump Drive Coupling | |
| A-5102257 | | | 1 | Fuel Pump Drive Fork | |
| A-5150193 | 1 | 1 | 1 | Fuel Pump Mounting Gasket | |
| A-5110760 | 1 | 1 | 1 | Fuel Primer Hand Pump | |
| | | | | | |
| | | | | | |

GOVERNOR COMPONENTS

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|------------|---|---|----|--------------------------|--------------------------------|
| A-5122742 | 1 | 1 | | Cover Gasket | Cover to operating housing |
| A-5121342 | | | 1 | Cover Gasket | Cover to operating housing |
| A-9431894 | 1 | 1 | 1 | Bearing | Operating shaft upper |
| A-9431887 | 1 | 1 | | Bearing | Operating shaft lower |
| A-9436682 | | | 1 | Bearing | Operating shaft lower (954987) |
| A-9428477 | 1 | 1 | | Cup Plug | 15/16" lower bearing retainer |
| A-116337 | | | 1 | Dish Plug | 1-1/16" lower bearing retainer |
| A-5109544 | 1 | 1 | | Riser Assembly | |
| A-5125367 | | | 1 | Riser Assembly | |
| A-9437108 | 1 | 1 | 1 | Riser Thrust Bearing | |
| A-9438907 | | | 1 | Riser Thrust Bearing | |
| A-23506244 | 1 | 1 | | Carrier Shaft Bearing | |
| A-9424121 | | | 1 | Carrier Shaft Bearing | (907674) |
| A-5116336 | 1 | 1 | | Governor Mounting Gasket | Governor to end plate |
| A-5121345 | | | 1 | Governor Mounting Gasket | Governor to blower |
| | | | | | |
| | | | | | |

INJECTOR CONTROL

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|-------------------------------|------------------------------|
| A-5116264 | 2 | 2 | 4 | Injector Control Tube Bracket | |
| A-5116265 | 1 | 1 | 2 | Injector Control Tube Spring | |
| A-5129705 | 1 | 1 | | Control Link Hose | 7/8" ID x .75"L B&D engines |
| A-5129707 | 1 | 1 | | Control Link Hose | 7/8" ID x 1.26"L A&C engines |
| A-5129706 | | | 1 | Control Link Hose | 7/8" ID x 1.62"L R Bank |
| A-5129705 | | | 2 | Control Link Hose | 7/8" ID x .75"L L Bank |
| A-5186840 | 2 | 2 | 4 | Clamp | |
| | | | | | |
| | | | | | |

53 SERIES

BLOWER & BLOWER DRIVE

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|-------------------------|------------------|
| A-5198683 | 1 | 1 | 1 | Blower Repair Kit | |
| A-5142266 | 4 | 4 | 4 | End Plate Seal - STD | |
| A-5199366 | 4 | 4 | 4 | End Plate Seal - OS | |
| A-5199368 | 4 | 4 | 4 | Rotor Shaft Sleeve | Use with OS seal |
| A-5198041 | 1 | | | Blower Installation Kit | |
| A-5198042 | | 1 | | Blower Installation Kit | |
| A-5198043 | | | 1 | Blower Installation Kit | |
| A-8922967 | | 1 | 1 | Drive Shaft | 6 7/16"L |
| A-9414044 | | 1 | 1 | Drive Shaft Snap Ring | |
| A-5119284 | | 1 | | Drive Shaft Hub | |
| A-5116418 | | | 1 | Drive Shaft Hub | |
| A-5119285 | | 1 | 1 | Hub Thrust Washer | |
| A-9411765 | | 1 | 1 | Hub Retainer Ring | |
| A-8922969 | | 1 | 1 | Drive Coupling | |
| A-8922970 | | 1 | 1 | --Cam | |
| A-5196614 | | 1 | 1 | --Spring Pack | |

TURBOCHARGER MOUNTING

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|-----------------|-------------------|
| A-5103394 | 1 | 1 | | Mounting Gasket | T04 model turbo |
| A-8929529 | | | 1 | Mounting Gasket | TV6/7 model turbo |
| A-8927270 | 4 | 4 | | Stud | 3/8-16/24 x 1.62" |
| A-5131433 | 4 | 4 | 4 | Washer | |
| A-9411981 | 4 | 4 | 4 | Nut | 3/8-16/24 |
| A-5162888 | | | 1 | Air Outlet Hose | |

OIL PUMP

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|--------------------|----------------------------|
| A-5116110 | 1 | | | Oil Pump Non-Turbo | |
| A-5121042 | | 1 | | Oil Pump Non-Turbo | |
| A-5116070 | | | 1 | Oil Pump | |
| A-5195714 | 1 | | | Rotor Set | |
| A-5195957 | | 1 | | Rotor Set | |
| A-5195687 | | | 1 | Rotor Set | |
| A-5195685 | 1 | 1 | 1 | Cover | Rotor retainer |
| A-145067 | 2 | 2 | 2 | Drive Screw | |
| A-5116386 | 1 | 1 | | Gasket | Lower cover assy. to block |
| A-5119368 | | | 1 | Gasket | Lower cover assy. to block |
| A-5177777 | 2 | 2 | | Reg & Relief Valve | |
| A-5126436 | 2 | 2 | 2 | Spring | |
| A-5177773 | 2 | 2 | 2 | Gasket | |

53 SERIES

OIL COOLER

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|--------------------------|------|
| A-8547548 | 1 | | | Oil Cooler Core 6-plate | |
| A-8547563 | 1 | 1 | 1 | Oil Cooler Core 8-plate | |
| A-8547581 | 1 | 1 | 1 | Oil Cooler Core 13-plate | |
| A-8547547 | | | 1 | Oil Cooler Core 16-plate | |
| A-8547195 | | | 1 | Oil Cooler Core 18-plate | |
| | | | | | |

OIL FILLER & DIPSTICK

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|-------------------------------|----------------------------|
| A-5107106 | 1 | 1 | 1 | Filler Cap - 1.5" diameter | Expansion rubber type |
| A-5120098 | 1 | 1 | 1 | Filler Cap - 1.75" diameter | Expansion rubber type |
| A-5117362 | 1 | 1 | 1 | Filler Cap - 2" diameter | Expansion rubber type |
| A-5108474 | 1 | 1 | 1 | Filler Cap | One-half twist type in R/C |
| | | | | | |
| A-5146679 | 1 | 1 | 1 | Dipstick - Universal Unmarked | 61"L expansion type |
| A-5146680 | 1 | 1 | 1 | Dipstick - Universal Unmarked | 72"L cane handle type |
| | | | | | |

WATER PUMP

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|------------|---|---|----|----------------------------|-------------|
| A-23506003 | 1 | 1 | 1 | Pump Assembly - Left Hand | |
| A-23506007 | 1 | 1 | 1 | Pump Assembly - Right Hand | |
| | | | | | |
| A-23506863 | 1 | 1 | 1 | Rebuild Kit - Left Hand | Early style |
| A-23506864 | 1 | 1 | 1 | Rebuild Kit - Right Hand | Early style |
| A-23506869 | 1 | 1 | 1 | Rebuild Kit - Left Hand | Late style |
| A-23506865 | 1 | 1 | 1 | Rebuild Kit - Right Hand | Late style |
| | | | | | |
| A-23506605 | 1 | 1 | 1 | Impeller - Left Hand | Early style |
| A-23506606 | 1 | 1 | 1 | Impeller - Right Hand | Early style |
| A-23505993 | 1 | 1 | 1 | Impeller - Left Hand | Late style |
| A-23505994 | 1 | 1 | 1 | Impeller - Right Hand | Late style |
| A-904827 | 1 | 1 | 1 | Shaft & Bearing Assembly | |
| A-23506248 | 1 | 1 | 1 | Unitized Seal Assembly | |
| A-5119282 | 1 | 1 | 1 | Cover Gasket | |
| A-5133107 | 1 | 1 | 1 | Mounting Gasket | |
| | | | | | |

THERMOSTAT

| PART # | 3 | 4 | 6V | DESCRIPTION | NOTE |
|-----------|---|---|----|---------------------|-----------------------------|
| A-3041379 | 1 | 1 | | Thermostat - 170° F | |
| A-8927465 | 1 | 1 | | Thermostat - 170° F | Rapid warm up |
| A-8927466 | 1 | 1 | | Thermostat - 180° F | Rapid warm up |
| A-5143210 | | | 2 | Thermostat - 170° F | Full blocking requires seal |
| A-5124872 | | | 2 | Thermostat - 170° F | Full blocking requires seal |
| A-5104462 | | | 2 | Thermostat - 180° F | Full blocking requires seal |
| | | | | | |

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53 SERIES

GASKET LISTING

| DESCRIPTION | NOTE | PART# | 3 | 4 | 6V |
|--------------------------------|--------------------------------|------------|---|----|----|
| Air Box Cover Bolt Gasket | | A-23505525 | | | 4 |
| Air Box Cover Gasket | | A-5116380 | 1 | | |
| Air Box Cover Gasket | | A-5116381 | | 1 | |
| Air Box Cover Gasket | | A-5132117 | | | 4 |
| Air Inlet Housing Gasket | To blower with screen | A-5196053 | 1 | | |
| Air Inlet Housing Gasket | To blower with screen | A-5196054 | | 1 | |
| Air Inlet Housing Gasket | To blower with screen | A-5122610 | | | 1 |
| Air Inlet Housing Gasket | To bypass blower - no screen | A-8924562 | 1 | | |
| Air Inlet Housing Gasket | To bypass blower - no screen | A-8924555 | | 1 | |
| Air Inlet Housing Gasket | To bypass blower - no screen | A-8927733 | | | 1 |
| Blower End Cover Gasket | For bypass blower | A-8924554 | 1 | 1 | |
| Bypass Valve Seal | For bypass blower | A-8923959 | 1 | 1 | 1 |
| Blower End Plate Gasket | For bypass blower | A-23520633 | | | 2 |
| Exhaust Manifold Gasket | | A-23524218 | 1 | | 2 |
| Exhaust Manifold Gasket | | A-5119006 | | 1 | |
| Flywheel Housing Cover Gasket | Large hole (cam & bal) | A-23515145 | 2 | 2 | 2 |
| Flywheel Housing Gasket | | A-23506158 | 1 | 1 | |
| Flywheel Housing Gasket | | A-5137470 | | | 1 |
| Fuel Pump Mounting Gasket | | A-5150193 | 1 | 1 | 1 |
| Governor Cover Gasket | Mechanical governor | A-5122742 | 1 | 1 | |
| Governor Cover Gasket | Mechanical governor | A-5121342 | | | 1 |
| Lower Front Cover Gasket | | A-5116386 | 1 | 1 | |
| Lower Front Cover Gasket | | A-5119368 | | | 1 |
| Oil Cooler Adaptor Gasket | Strip to block | A-5103906 | 1 | 1 | |
| Oil Cooler Adaptor Gasket | Round to block | A-5175882 | 3 | 4 | |
| Oil Cooler Core Gasket | Large center hole (race track) | A-23501591 | 1 | AR | AR |
| Oil Cooler Core Gasket | Solid center (hockey rink) | A-8923223 | 1 | AR | AR |
| Oil Pan Gasket | For stamped pan | A-5116256 | 1 | | |
| Oil Pan Gasket | For stamped pan | A-5116257 | | 1 | |
| Oil Pan Gasket | For stamped pan | A-5119266 | | | 1 |
| Oil Pan Gasket | For cast iron pan | A-5196059 | 1 | | |
| Oil Pan Gasket | For cast iron pan | A-5196060 | | 1 | |
| Oil Pan Gasket | For cast iron pan | A-5196061 | | | 1 |
| Oil Pickup Tube Gasket | | A-5126473 | | | 1 |
| Oil Pickup Tube Seal | White paint | A-5127175 | 1 | 1 | |
| Rocker Cover Gasket - Cork | For steel cover | A-5147994 | 1 | | 2 |
| Rocker Cover Gasket - Cork | For steel cover | A-5147506 | | 1 | |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-8925273 | 1 | | 2 |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-8925274 | | 1 | |
| Rocker Cover Isolator | For cast aluminum cover | A-5104515 | 2 | 2 | 2 |
| Thermostat Outlet Elbow | | A-5116092 | 1 | 1 | 2 |
| Turbocharger Mounting Gasket | TO4 model turbo | A-5103394 | 1 | 1 | 2 |
| Turbocharger Mounting Gasket | TV model turbo | A-8929529 | | | 1 |
| Turbocharger Oil Gasket | Supply | A-5170466 | 1 | 1 | 1 |
| Turbocharger Oil Gasket | Drain TO4 model turbo | A-5138977 | 1 | 1 | 2 |
| Turbocharger Oil Gasket | Drain TV model turbo | A-5170468 | | | 1 |
| Upper Front Cover Gasket | | A-5121082 | 1 | 1 | |
| Upper Front Cover Gasket | | A-5124055 | | | 1 |
| Water Bypass Tube Seal | | A-5184301 | 1 | 1 | |
| Water Pump Mounting Gasket | | A-5133107 | 1 | 1 | 1 |
| | | | | | |
| | | | | | |

CYLINDER KIT COMPONENTS

53 SERIES

| CYLINDER KIT | LINERLESS KIT | LINER | LINER SEAL | PISTON | CROWN | SKIRT | RING SET | PIN | RETAINER | SLIPPER | PISTON SEAL |
|--------------|---------------|-----------|---------------|-----------|------------|-----------|------------|-----------|---------------|------------|-------------|
| A-5149734 | A-LCK9734 | A-5132803 | (2) A-5121256 | A-8920717 | | | A-5149359 | A-5106902 | (2) A-5108175 | | |
| A-5198899 | A-LCK8899 | A-5132803 | (2) A-5121256 | A-5198877 | | | A-5149942 | A-5116189 | (2) A-5108131 | | |
| A-5198903 | A-LCK8903 | A-5132803 | (2) A-5121256 | A-5195931 | | | A-5198822 | A-5116189 | (2) A-5108131 | | |
| A-5198904 | A-LCK8904 | A-5132803 | (2) A-5121256 | A-5198877 | | | A-5198902 | A-5116189 | (2) A-5108131 | | |
| A-5199116 | A-LCK9116 | A-5132803 | (2) A-5121256 | A-5198877 | | | A-5198901 | A-5116189 | (2) A-5108131 | | |
| A-23503778 | A-LCK3778 | A-5132803 | (2) A-5121256 | | A-23503948 | A-8924002 | A-23503780 | A-8924735 | (2) A-8924731 | A-23504946 | A-8924733 |
| A-23503810 | A-LCK3811 | A-8926088 | (2) A-5121256 | | A-23503948 | A-8924002 | A-8927223 | A-8924735 | (2) A-8924731 | A-23504946 | A-8924733 |
| A-23503811 | A-LCK3811 | A-5132803 | (2) A-5121256 | | A-23503948 | A-8924002 | A-8927223 | A-8924735 | (2) A-8924731 | A-23504946 | A-8924733 |
| A-23501863 | A-LCK1863 | A-5132803 | (2) A-5121256 | A-5198877 | | | A-23501520 | A-5116189 | (2) A-5108131 | | |
| A-23512732 | A-LCK2732 | A-5132803 | (2) A-5121256 | | A-23503948 | A-8924002 | A-23512731 | A-8924735 | (2) A-8924731 | A-23504946 | A-8924733 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

OVERSIZE LINER REFERENCE

| SIZE | LINER | LINER SEAL |
|----------|-----------|---------------|
| .010" OS | A-5101016 | (2) A-5121256 |
| .020" OS | A-5149944 | (2) A-5149945 |
| | | |
| | | |

CONNECTING ROD HARDWARE

| QTY. | PART # | DESCRIPTION |
|------|-----------|------------------|
| 2 | A-8924734 | Pin Bolt |
| 2 | A-8924732 | Pin Bolt Spacer |
| 2 | A-5197852 | Rod Cap Bolt |
| 2 | A-839103 | Rod Cap Bolt Nut |
| | | |
| | | |

71 SERIES

IN-FRAME KITS

| PART # | DESCRIPTION | 2 | 3 | 4 | 6 | CYL KIT |
|---------------|--|---|---|---|---|------------|
| A-271-2V-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port Height | 1 | | | | A-23505309 |
| A-371-2V-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port Height | | 1 | | | A-23505309 |
| A-371-2VC-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port / Cast R/C | | 1 | | | A-23505309 |
| A-371-NA-#3 | Trunk / 4-Valve / 18.7:1 / 1.05" Port Height | | 1 | | | A-23505306 |
| A-371-NAC-#3 | Trunk / 4-Valve / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23505306 |
| A-371-XH-#2 | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | 1 | | | A-23522949 |
| A-371-XHC-#2 | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23522949 |
| A-471-2V-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port Height | | | 1 | | A-23505309 |
| A-471-2VC-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port / Cast R/C | | | 1 | | A-23505309 |
| A-471-NA-#3 | Trunk / 4-Valve / 18.7:1 / 1.05" Port Height | | | 1 | | A-23505306 |
| A-471-NAC-#3 | Trunk / 4-Valve / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23505306 |
| A-471-XH-#3 | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | | 1 | | A-23522947 |
| A-471-XHC-#3 | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522947 |
| A-471-XHT-#3 | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | | 1 | | A-23522953 |
| A-471-XHTC-#3 | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522953 |
| A-671-2V-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port Height | | | | 1 | A-23505309 |
| A-671-2VC-#3 | Trunk / 2-Valve / 17.5:1 / .81" Port / Cast R/C | | | | 1 | A-23505309 |
| A-671-NA-#3 | Trunk / 4-Valve / 18.7:1 / 1.05" Port Height | | | | 1 | A-23505306 |
| A-671-NAC-#3 | Trunk / 4-Valve / 18.7:1 / 1.05" Port / Cast R/C | | | | 1 | A-23505306 |
| A-671-XH-#3 | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | | | 1 | A-23522947 |
| A-671-XHC-#3 | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | | 1 | A-23522947 |
| A-671-XHT | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | | | 1 | A-23522953 |
| A-671-XHTC | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | | | 1 | A-23522953 |

OVERHAUL KITS

| PART # | DESCRIPTION | 2 | 3 | 4 | 6 | CYL KIT |
|------------------|--|---|---|---|---|------------|
| A-271-2V-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port Height | 1 | | | | A-23505309 |
| A-371-2V-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port Height | | 1 | | | A-23505309 |
| A-371-2VC-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port / Cast R/C | | 1 | | | A-23505309 |
| A-371-NA-#3-OH | Trunk / 4-Valve / 18.7:1 / 1.05" Port Height | | 1 | | | A-23505306 |
| A-371-NAC-#3-OH | Trunk / 4-Valve / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23505306 |
| A-371-XH-#2-OH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | 1 | | | A-23522949 |
| A-371-XHC-#2-OH | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23522949 |
| A-471-2V-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port Height | | | 1 | | A-23505309 |
| A-471-2VC-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port / Cast R/C | | | 1 | | A-23505309 |
| A-471-NA-#3-OH | Trunk / 4-Valve / 18.7:1 / 1.05" Port Height | | | 1 | | A-23505306 |
| A-471-NAC-#3-OH | Trunk / 4-Valve / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23505306 |
| A-471-XH-#3-OH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | | 1 | | A-23522947 |
| A-471-XHC-#3-OH | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522947 |
| A-471-XHT-#3-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | | 1 | | A-23522953 |
| A-471-XHTC-#3-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522953 |
| A-671-2V-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port Height | | | | 1 | A-23505309 |
| A-671-2VC-#3-OH | Trunk / 2-Valve / 17.5:1 / .81" Port / Cast R/C | | | | 1 | A-23505309 |
| A-671-NA-#3-OH | Trunk / 4-Valve / 18.7:1 / 1.05" Port Height | | | | 1 | A-23505306 |
| A-671-NAC-#3-OH | Trunk / 4-Valve / 18.7:1 / 1.05" Port / Cast R/C | | | | 1 | A-23505306 |
| A-671-XH-#3-OH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | | | 1 | A-23522947 |
| A-671-XHC-#3-OH | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | | 1 | A-23522947 |
| A-671-XHT-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | | | 1 | A-23522953 |
| A-671-XHTC-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | | | 1 | A-23522953 |

71 SERIES

ENGINE BEARINGS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|----|---------------------------------|--------------------------|
| A-23511129 | 2 | 3 | 4 | 6 | Connecting Rod Bearing STD | |
| A-23511133 | 2 | 3 | 4 | 6 | Connecting Rod Bearing .010" | |
| A-23511135 | 2 | 3 | 4 | 6 | Connecting Rod Bearing .020" | |
| A-23511137 | 2 | 3 | 4 | 6 | Connecting Rod Bearing .030" | |
| A-5192874 | 3 | 4 | 5 | 7 | Main Bearing STD | |
| A-5192876 | 3 | 4 | 5 | 7 | Main Bearing .010" | |
| A-5192877 | 3 | 4 | 5 | 7 | Main Bearing .020" | |
| A-5192878 | 3 | 4 | 5 | 7 | Main Bearing .030" | |
| A-5159353 | 4 | 4 | 4 | 4 | Thrust Washer STD | |
| A-5160542 | 4 | 4 | 4 | 4 | Thrust Washer .005" | |
| A-5192111 | 4 | 4 | 4 | 4 | Thrust Washer .010" | |
| A-141346 | 4 | 4 | 4 | 4 | Thrust Washer Dowel | |
| A-5194609 | 5 | | | | Cam Bushing 1.5" W | |
| A-5111422 | | 4 | 4 | 4 | Cam End Bearing | |
| A-5194858 | | 4 | 4 | 4 | Cam End Bearing .010" USID | |
| A-5196022 | | 2 | 3 | 5 | Cam Intermediate Bearing STD | |
| A-5196023 | | 2 | 3 | 5 | Cam Intermediate Brg .010" USID | |
| A-5115572 | | 4 | 6 | 10 | Ring Lock | |
| A-5111424 | | 4 | 4 | 4 | Cam Thrust Washer STD | |
| A-5194826 | | 4 | 4 | 4 | Cam Thrust Washer .005" OS | |
| A-5194827 | | 4 | 4 | 4 | Cam Thrust Washer .010" OS | |
| A-7451948 | | 1 | 1 | 1 | Idler Gear Bearing | |
| A-5103534 | | 6 | 6 | 6 | Idler Gear Bearing Lock Bolt | Do not reuse |
| A-5157274 | 4 | 6 | 8 | 12 | Connecting Rod Bushing | For trunk non-turbo rods |

ROCKER COVER MOUNTING

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|--------------------------------|-------------------------|
| A-5144484 | 1 | | | | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5143405 | | 1 | | | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5143406 | | | 1 | | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5143407 | | | | 1 | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5104018 | | 1 | | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5104081 | | | 1 | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5104019 | | | | 1 | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5149510 | | 1 | | | Cast Cover Installation Kit | |
| A-5149511 | | | 1 | | Cast Cover Installation Kit | |
| A-5149512 | | | | 1 | Cast Cover Installation Kit | |
| A-5104015 | | 2 | 2 | 4 | Cast Cover Hold Down Bolt | |
| A-5104515 | | 2 | 2 | 4 | Cast Cover Isolator | |
| A-5104514 | | 2 | 2 | 4 | Cast Cover Isolator Washer | |

71 SERIES

OVERHAUL GASKET SETS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|----------------------------------|----------------------------------|
| A-5192434 | 1 | | | | Overhaul Gasket Set | With R/C gasket / no crank seals |
| A-5192921 | | 1 | | | Overhaul Gasket Set - Low Block | # |
| A-5192922 | | | 1 | | Overhaul Gasket Set - Low Block | # |
| A-5192923 | | | | 1 | Overhaul Gasket Set - Low Block | # |
| A-23512674 | | 1 | | | Overhaul Gasket Set - High Block | S/N 3A08330 & up # |
| A-23512675 | | | 1 | | Overhaul Gasket Set - High Block | S/N 4A19529 & up # |
| MCB471011 | | | 1 | | Overhaul Gasket Set - High Block | 4-71 in TS14/18 scrapers # |
| A-23512676 | | | | 1 | Overhaul Gasket Set - High Block | S/N 6A16283 & up # |

NOTE: # These sets do not include rocker cover gaskets or crankshaft seals and only basic cooler gaskets.

HEAD GASKET SETS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|------------------------------|---------------------|
| A-5192433 | 1 | | | | Head Gasket Set | With R/C gasket |
| A-5192924 | | 1 | | | Head Gasket Set - Low Block | ** |
| A-5192925 | | | 1 | | Head Gasket Set - Low Block | ** |
| A-5192926 | | | | 1 | Head Gasket Set - Low Block | ** |
| A-5193116 | | 1 | | | Head Gasket Set - High Block | S/N 3A08330 & up ** |
| A-5198676 | | | 1 | | Head Gasket Set - High Block | S/N 4A19529 & up ** |
| A-5195742 | | | | 1 | Head Gasket Set - High Block | S/N 6A16283 & up ** |

NOTE: ** These sets do not include rocker cover gaskets.

BLOWER GASKET SETS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|-------------------------|------------------------------|
| A-5192320 | 1 | | | | Blower Installation Kit | |
| A-5192752 | | 1 | | | Blower Installation Kit | |
| A-5192753 | | | 1 | | Blower Installation Kit | |
| A-5192754 | | | | 1 | Blower Installation Kit | |
| A-23514286 | | | | 1 | Blower Installation Kit | TA / TTA bypass blower units |
| A-5192106 | | 1 | | | Oil Pump Gasket Set | Oil pump & pan gaskets |
| A-5192107 | | | 1 | | Oil Pump Gasket Set | Oil pump & pan gaskets |
| A-5192108 | | | | 1 | Oil Pump Gasket Set | Oil pump & pan gaskets |

FRONT CRANKSHAFT SEALS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|-----------------------------------|--------------------|
| A-5154314 | 1 | | | | Front Seal - Lip Type | |
| A-5154316 | 1 | | | | Front Seal Spacer | |
| A-5115454 | | 1 | 1 | 1 | Front Seal - Lip Type | |
| A-5143108 | | 1 | 1 | 1 | Front Seal - Lip Type | Double lip |
| A-23514608 | | 1 | 1 | 1 | Front Seal - Teflon / Directional | RH engine rotation |
| A-23514609 | | 1 | 1 | 1 | Front Seal - Teflon / Directional | LH engine rotation |
| A-23507306 | | 1 | 1 | 1 | Front Seal Spacer | 2.81" L |

71 SERIES

REAR CRANKSHAFT SEALS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|--------------------------------------|-------------------------------------|
| A-5114335 | 1 | 1 | 1 | 1 | Rear Seal - Single Lip Type STD | For dry hsg |
| A-5197860 | 1 | 1 | 1 | 1 | Rear Seal - Single Lip Type O/S | For dry hsg / use wear sleeve |
| A-5127821 | | 1 | 1 | 1 | Rear Seal - Double Lip Type STD | For wet hsg |
| A-5196927 | | 1 | 1 | 1 | Rear Seal - Double Lip Type O/S | For wet hsg / use wear sleeve |
| A-8927746 | | 1 | 1 | 1 | Rear Seal - Teflon / Directional STD | RH eng. rot. / dry hsg |
| A-8927748 | | 1 | 1 | 1 | Rear Seal - Teflon / Directional O/S | RH eng. rot. / dry hsg / use sleeve |
| A-23504821 | | 1 | 1 | 1 | Rear Seal - Teflon / Directional O/S | RH eng. rot. / wet hsg / use sleeve |
| A-8927747 | | 1 | 1 | 1 | Rear Seal - Teflon / Directional STD | LH eng. rot. / dry hsg |
| A-8927749 | | 1 | 1 | 1 | Rear Seal - Teflon / Directional O/S | LH eng. rot. / dry hsg / use sleeve |
| A-23507411 | | 1 | 1 | 1 | Rear Seal - Teflon / Directional O/S | LH eng. rot. / wet hsg / use sleeve |
| A-5192496 | 1 | 1 | 1 | 1 | Rear Seal Spacer | |
| A-23507225 | 1 | 1 | 1 | 1 | O/S Rear Seal Sleeve | |

CYLINDER HEAD COMPONENTS

2-VALVE

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|----|----|----|------------------------------|------------------------------|
| A-5193197 | 4 | 6 | 8 | 12 | Valve Kit | With locks |
| A-5193666 | | 6 | 8 | 12 | Valve Kit - High HP | With locks |
| A-23507238 | 8 | 12 | 16 | 24 | Valve Lock | |
| A-5150289 | 4 | 6 | 8 | 12 | Valve Spring | |
| A-5120930 | 4 | 6 | 8 | 12 | Valve Guide | |
| A-23500480 | 4 | 6 | 8 | 12 | Valve Guide Seal | |
| A-8927920 | 4 | 6 | 8 | 12 | Valve Seat (Insert) STD | |
| A-5198230 | 4 | 6 | 8 | 12 | Valve Seat (Insert) .010" OS | |
| A-5128640 | 6 | 9 | 12 | 18 | Push Rod | |
| A-5151601 | 6 | 9 | 12 | 18 | Push Rod Nut | |
| A-5186858 | 6 | 9 | 12 | 18 | Push Rod Spring | .177" wire dia. |
| A-5150302 | | 9 | 12 | 18 | Push Rod Spring Seat - Upper | |
| A-5123250 | | 9 | 12 | 18 | Push Rod Spring Seat - Lower | |
| A-5150303 | | 9 | 12 | 18 | Push Rod Retainer | |
| A-8924439 | 6 | 9 | 12 | 18 | Follower Assembly | |
| A-5106413 | | 3 | 4 | 6 | Follower Guide | |
| A-443603 | | 6 | 8 | 12 | Guide Bolt | |
| A-8923814 | 6 | 9 | 12 | 18 | Roller & Pin Set | |
| A-8925981 | 2 | 3 | 4 | 6 | Injector Tube Kit STD | With seal |
| A-8925981A | 2 | 3 | 4 | 6 | Injector Tube Kit OS | Thicker nose with seal |
| A-5172874 | | 4 | 4 | 4 | Water Nozzle Single Jet | |
| A-5111332 | | 4 | 6 | 10 | Water Nozzle Double Jet | |
| A-8923554 | 2 | 3 | 4 | 6 | Rocker Arm - Injector | MCB4355 repair kit available |
| A-23500714 | 2 | 3 | 4 | 6 | Rocker Shaft | |
| A-5103903 | 4 | 6 | 8 | 12 | Rocker Shaft Bracket | |
| A-5150325 | 4 | 6 | 8 | 12 | Rocker Shaft Bracket Bolt | |
| A-23511856 | | 6 | 8 | 12 | Fuel Jumper Line | For straight body injectors |
| A-8926992 | 4 | | | | Fuel Connector | |
| A-5117369 | | 6 | 8 | 12 | Fuel Connector | |
| A-5152148 | 4 | | | | Fuel Connector Washer | |
| A-5125108 | | 6 | 8 | 12 | Fuel Connector Washer | |
| A-8927270 | 6 | | | | Exhaust Manifold Stud | |
| A-8925804 | | 4 | 5 | 7 | Exhaust Manifold Stud | |
| A-23505398 | | 4 | 5 | 7 | Exhaust Manifold Nut | |
| A-5104439 | | 2 | 3 | 5 | Exhaust Manifold Washer | |
| A-8927270 | | 6 | 8 | 12 | Water Manifold Stud | |

71 SERIES

CYLINDER HEAD COMPONENTS

4-VALVE

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|----------------|---|----|----|----|---------------------------------|------------------------------|
| A-23500501 | | 12 | 16 | 24 | Valve Kit | With locks / code (U) |
| A-5149386 | | | 16 | 24 | Valve Kit - High HP | With locks / code (J6) |
| A-5111337 | | 12 | 16 | 24 | Valve Lock | |
| A-5147347 | | 12 | 16 | 24 | Valve Spring | |
| A-5117563 | | 12 | 16 | 24 | Valve Spring Cap (retainer) | |
| A-5117562 | | 12 | 16 | 24 | Valve Spring Seat | |
| A-5129919 | | 12 | 16 | 24 | Valve Guide | |
| A-5129919+.002 | | 12 | 16 | 24 | Valve Guide | .002" OS OD |
| A-5129919+.005 | | 12 | 16 | 24 | Valve Guide | .005" OS OD |
| A-8921209 | | 12 | 16 | 24 | Valve Guide Seal | Steel with teflon lip |
| A-5101101 | | 12 | 16 | 24 | Valve Seat (Insert) STD | |
| A-5197167 | | 12 | 16 | 24 | Valve Seat (Insert) .010" OS | |
| A-5117565 | | 6 | 8 | 12 | Valve Bridge | |
| A-5129101 | | 6 | 8 | 12 | Valve Bridge Adjuster Screw | |
| A-5151601 | | 6 | 8 | 12 | Valve Bridge Lock Nut | |
| A-5117564 | | 6 | 8 | 12 | Valve Bridge Guide | |
| A-5117564.006 | | 6 | 8 | 12 | Valve Bridge Guide | .006" OS |
| A-5196843 | | 6 | 8 | 12 | Valve Bridge Guide | Early threaded type |
| A-5128640 | | 9 | 12 | 18 | Push Rod | |
| A-5151601 | | 9 | 12 | 18 | Push Rod Nut | |
| A-5186858 | | 9 | 12 | 18 | Push Rod Spring | .177" wire dia. |
| A-5150302 | | 9 | 12 | 18 | Push Rod Spring Seat - Upper | |
| A-5123250 | | 9 | 12 | 18 | Push Rod Spring Seat - Lower | |
| A-5150303 | | 9 | 12 | 18 | Push Rod Spring Retainer | |
| A-8924439 | | 9 | 12 | 18 | Follower Assembly | |
| A-8923814 | | 9 | 12 | 18 | Roller & Pin Set | |
| A-5106413 | | 3 | 4 | 6 | Follower Guide | |
| A-443603 | | 6 | 8 | 12 | Guide Bolt | |
| A-103319 | | 6 | 8 | 12 | Guide Bolt Washer | |
| A-8925981 | | 3 | 4 | 6 | Injector Tube Kit STD | With seal |
| A-8925981A | | 3 | 4 | 6 | Injector Tube Kit OS | Thicker nose with seal |
| A-5172874 | | 4 | 4 | 4 | Water Nozzle Single Jet | |
| A-5111332 | | 4 | 6 | 10 | Water Nozzle Double Jet | |
| A-8923554 | | 3 | 4 | 6 | Rocker Arm - Injector | MCB4355 repair kit available |
| A-5148472 | | 3 | 4 | 6 | Rocker Arm Valve - Left | MCB7217 repair kit available |
| A-5148475 | | 3 | 4 | 6 | Rocker Arm Valve - Right | MCB7217 repair kit available |
| A-8924355 | | 3 | 4 | 6 | Injector Arm Bushing | Large |
| A-23517217 | | 6 | 8 | 12 | Valve Arm Bushing | Large |
| A-8924354 | | 9 | 12 | 18 | Injector & Valve Arm Bushing | Small |
| A-5123700 | | 9 | 12 | 18 | Inj. & Valve Arm Clevis Bushing | |
| A-5150314 | | 9 | 12 | 18 | Inj. & Valve Arm Clevis Pin | |
| A-23500714 | | 3 | 4 | 6 | Rocker Shaft | |
| A-5103903 | | 6 | 8 | 12 | Rocker Shaft Bracket (stand) | |
| A-5150325 | | 6 | 8 | 12 | Rocker Shaft Bracket Bolt | |
| A-23511850 | | 3 | 4 | 6 | Fuel Jumper Line - Short | |
| A-23511851 | | 3 | 4 | 6 | Fuel Jumper Line - Long | |
| A-5117369 | | 6 | 8 | 12 | Fuel Connector | |
| A-5125108 | | 6 | 8 | 12 | Fuel Connector Washer | |
| A-8925804 | | 4 | 5 | 7 | Exhaust Manifold Stud | |
| A-23505398 | | 4 | 5 | 7 | Exhaust Manifold Nut | |
| A-5104439 | | 2 | 3 | 5 | Exhaust Manifold Washer | |
| A-8927270 | | 6 | 8 | 12 | Water Manifold Stud | |

71 SERIES

LINER INSERTS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|----|----|----|-----------------------------------|------------------------------|
| A-5184484 | | 3 | 4 | 6 | Liner Insert STD ID / STD HGT | For STD & .005" OS liners |
| A-5193316 | | 3 | 4 | 6 | Liner Insert OS ID / STD HGT | For .010" to .030" OS liners |
| A-5148399 | | 3 | 4 | 6 | Liner Insert STD ID / +.0015" HGT | For STD & .005" OS liners |
| A-5199871 | | 3 | 4 | 6 | Liner Insert OS ID / +.0015" HGT | For .010" to .030" OS liners |
| A-5199569 | | AR | AR | AR | Liner Shim .002" Thick | |

VIBRATION DAMPER

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|------------------------|-------------------|
| A-5100421 | | | | 1 | Damper - Light Rubber | |
| A-5177763 | | | 1 | 1 | Damper - Light Viscous | |
| A-8922491 | | | 1 | 1 | Damper - Heavy Viscous | |
| A-5134917 | | | 1 | 1 | Front Cone - .531" L | |
| A-5151344 | | | 1 | 1 | Front Cone - .687" L | |
| A-23506876 | | | 1 | 1 | Front Cone - 1.40" L | |
| A-23502705 | | | 1 | 1 | Rear Cone - 2.12" L | Grooved |
| A-8928674 | | | 1 | 1 | Rear Cone - 2.43" L | Grooved |
| A-23507296 | | | 1 | 1 | Rear Cone - 3.09" L | Grooved |
| A-23503769 | | | 1 | 1 | Seal Ring | For grooved cones |
| A-5131724 | | 2 | 2 | 2 | Key 3/8" x 1.25" L | For crank pulley |

FUEL INJECTOR & MOUNTING

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|--|---|---|---|----|--------------------------|-----------------------------|
| ***Refer to the INTERSTATE-McBEE FUEL INJECTION CATALOG for DETROIT DIESEL® for a complete listing of injector assemblies and components.*** | | | | | | |
| A-23511856 | | 6 | 8 | 12 | Fuel Jumper Line | For straight body injectors |
| A-23501850 | | 3 | 4 | 6 | Fuel Jumper Line - Short | For offset body injectors |
| A-23501851 | | 3 | 4 | 6 | Fuel Jumper Line - Long | For offset body injectors |
| A-8926992 | 4 | | | | Fuel Connector | |
| A-5117369 | | 6 | 8 | 12 | Fuel Connector | |
| A-5152148 | 4 | | | | Fuel Connector Washer | |
| A-5125108 | | 6 | 8 | 12 | Fuel Connector Washer | |
| A-5111335 | 2 | 3 | 4 | 6 | Injector Clamp | For straight body injectors |
| A-5121259 | | 3 | 4 | 6 | Injector Clamp | For offset body injectors |
| A-5150250 | 2 | 3 | 4 | 6 | Injector Clamp Washer | |

FUEL PUMP

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|------------------------------|-----------------------|
| A-5199560 | 1 | 1 | 1 | 1 | Fuel Pump Assembly | LH standard capacity |
| R-5199560 | 1 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH standard capacity |
| A-5199561 | | 1 | 1 | 1 | Fuel Pump Assembly | RH standard capacity |
| R-5199561 | | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | RH standard capacity |
| A-5199735 | | | 1 | 1 | Fuel Pump Assembly | LH high capacity |
| R-5199735 | | | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH high capacity |
| A-5199734 | | | 1 | 1 | Fuel Pump Assembly | RH high capacity |
| R-5199734 | | | 1 | 1 | Fuel Pump Assembly - Rebuilt | RH high capacity |
| A-5195078 | 1 | 1 | 1 | 1 | Fuel Pump Repair Kit | For standard capacity |
| A-5149599 | | | 1 | 1 | Fuel Pump Repair Kit | For high capacity |
| A-5154216 | 1 | | | | Fuel Pump Drive Coupling | |
| A-5102257 | | 1 | 1 | 1 | Fuel Pump Drive Fork | |
| A-5150193 | 1 | 1 | 1 | 1 | Fuel Pump Mounting Gasket | |
| A-5110760 | 1 | 1 | 1 | 1 | Fuel Primer Hand Pump | |

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71 SERIES

GOVERNOR COMPONENTS

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|-------------------------------------|--------------------------------|
| A-5150889 | | 1 | 1 | 1 | Cover Gasket | Cover to operating housing |
| A-142583 | | 1 | 1 | 1 | Retainer | |
| A-9431894 | | 1 | 1 | 1 | Bearing | Operating shaft upper |
| A-148402 | | 1 | 1 | 1 | Bushing .500" L | Operating shaft lower |
| A-148403 | | 1 | 1 | 1 | Bushing .750" L | Operating shaft lower (954987) |
| A-5150890 | | 1 | 1 | 1 | Gasket Control Hsg. to Carrier Hsg. | |
| A-9437108 | | 1 | 1 | 1 | Riser Thrust Bearing | |
| A-9424121 | | 1 | 1 | 1 | Carrier Shaft Bearing | (907674) |
| A-5150246 | | 1 | 1 | 1 | Governor Mounting Gasket | Governor to blower |
| A-23509675 | 1 | 1 | 1 | 1 | Hydraulic Governor Mounting Gasket | Governor to drive |
| A-3249110 | 2 | 2 | 2 | 2 | Hydraulic Governor Cover Gasket | |

SHUTDOWN CONTROL

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|-------------------------|------|
| A-23504196 | | 1 | 1 | 1 | Shutdown Solenoid - 12V | |
| A-23504197 | | 1 | 1 | 1 | Shutdown Solenoid - 24V | |

BLOWER & BLOWER DRIVE

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|-------------------------|-----------------------------|
| A-5192324 | 1 | | | | Blower Repair Kit | |
| A-5125427 | 4 | | | | End Plate Seal - OS | |
| A-5125428 | 4 | | | | Rotor Shaft Sleeve | Use with OS seal |
| A-23514203 | | 1 | 1 | 1 | Blower Repair Kit | |
| A-23514204 | | | 1 | 1 | Blower Repair Kit | Turbo gear reduction blower |
| A-8924453 | | 4 | 4 | 4 | End Plate Seal - OS | |
| A-5192439 | | 4 | 4 | 4 | Rotor Shaft Sleeve | Use with OS seal |
| A-23500533 | | 1 | 1 | 1 | Blower Seal Kit | |
| A-5192320 | 1 | | | | Blower Installation Kit | |
| A-5192752 | | 1 | | | Blower Installation Kit | |
| A-5192753 | | | 1 | | Blower Installation Kit | |
| A-5192754 | | | | 1 | Blower Installation Kit | |
| A-23514286 | | | | 1 | Blower Installation Kit | TA engines |
| A-5154638 | | 1 | | | Blower Drive Shaft | 6 3/16"L |
| A-5154639 | | | 1 | | Blower Drive Shaft | 7 13/16"L |
| A-5154640 | | | | 1 | Blower Drive Shaft | 11 1/16"L |
| A-5168130 | | | 1 | | Blower Drive Shaft | 8 11/16"L |
| A-5193476 | | | | 1 | Blower Drive Shaft | 11 15/16"L |
| A-5154637 | | 1 | 1 | 1 | | |
| A-5103377 | | 1 | 1 | 1 | Drive Coupling | |
| A-5103365 | | 1 | 1 | 1 | --Cam | |
| A-5196314 | | 1 | 1 | 1 | --Spring Pack | |

71 SERIES

TURBOCHARGER & AFTERCOOLER MOUNTING

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|-----------------------|--------------------------|
| A-5103394 | | | 1 | | Mounting Gasket | TO4 model turbo |
| A-8929529 | | | 1 | 1 | Mounting Gasket | T18A & TV6/7 model turbo |
| A-9411981 | | | 4 | 4 | Lock Nut 3/8-24 | |
| A-5170466 | | | 1 | 1 | Oil Inlet Gasket | |
| A-5170468 | | | 1 | 1 | Oil Drain Gasket | |
| A-5147911 | | | 2 | 2 | Air Outlet Clamp | 3.5" dia |
| A-5147912 | | | 2 | 2 | Air Outlet Clamp | 3.375" dia |
| A-5162888 | | | 1 | 1 | Air Outlet Hose | 3.5"ID x 2.25"L |
| A-5101138 | | | | 4 | Aftercooler Seal Ring | |

OIL PUMP

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|------------------------|-----------------------|
| A-5194800 | | 1 | 1 | | Pump Overhaul Kit | |
| A-5194801 | | | | 1 | Pump Overhaul Kit | |
| A-5153247 | | 1 | 1 | 1 | Relief Valve | In pump |
| A-5155765 | | 1 | 1 | 1 | Relief Valve Spring | In pump |
| A-105456 | | 1 | 1 | 1 | Relief Valve Gasket | 7/8" copper |
| A-5156815 | | 1 | 1 | 1 | Regulator Valve Spring | In regulator assembly |

OIL COOLER

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|--------------------------------|------------------------------|
| A-8547548 | | 1 | 1 | | Oil Cooler Core | 6-plate |
| A-8547563 | | 1 | 1 | | Oil Cooler Core | 8-plate |
| A-8547551 | | | 1 | | Oil Cooler Core | 8-plate |
| A-8547236 | | | 1 | 1 | Oil Cooler Core | 13-plate #1 reinforced |
| A-8547581 | | | 1 | 1 | Oil Cooler Core | 13-plate #1 to #4 reinforced |
| A-5177777 | | 1 | 1 | 1 | Oil Cooler Bypass Valve | |
| A-5177778 | | 1 | 1 | 1 | Oil Cooler Bypass Spring | |
| A-5177773 | | 1 | 1 | 1 | Oil Cooler Bypass Gasket | |
| A-5133431 | | 1 | 1 | 1 | Oil Filter Bypass Valve (disk) | |
| A-5575086 | | 1 | 1 | 1 | Oil Filter Bypass Gasket | |

OIL FILLER & DIPSTICK

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|-------------------------------|-----------------------|
| A-5107106 | | 1 | 1 | 1 | Filler Cap - 1.5" diameter | Expansion rubber type |
| A-5117362 | | 1 | 1 | 1 | Filler Cap - 2" diameter | Expansion rubber type |
| A-5146679 | | 1 | 1 | 1 | Dipstick - Universal Unmarked | 61"L expansion type |
| A-5146680 | | 1 | 1 | 1 | Dipstick - Universal Unmarked | 72"L cane handle type |

71 SERIES

WATER PUMP

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|--------------------------|--------------------|
| A-23506723 | | 1 | 1 | 1 | Pump Assembly - LH | |
| A-23506735 | | 1 | 1 | 1 | Pump Assembly - RH | |
| A-23506704 | | | 1 | 1 | Pump Assembly - LH | High capacity pump |
| A-23506711 | | | 1 | 1 | Pump Assembly - RH | High capacity pump |
| A-5196935 | 1 | | | | Rebuild Kit | |
| A-23506851 | | 1 | 1 | 1 | Rebuild Kit | |
| A-23506870 | | | 1 | 1 | Rebuild Kit | High capacity pump |
| A-23505997 | | 1 | 1 | 1 | Impeller | |
| A-23505998 | | | 1 | 1 | Impeller | High capacity |
| A-5136671 | | 1 | 1 | 1 | Shaft & Bearing Assembly | |
| A-23522434 | | 1 | 1 | 1 | Unitized Seal Assembly | |
| A-5114011 | | 1 | 1 | 1 | Thrower | |
| A-5150191 | | 1 | 1 | 1 | Outlet O-ring | |
| A-23508431 | | | 1 | 1 | Outlet O-ring | High capacity |
| A-5150193 | | 1 | 1 | 1 | Mounting Gasket | |
| A-5150188 | | 1 | 1 | 1 | Cover Gasket | |
| A-5178273 | | | 1 | 1 | Cover Gasket | High capacity |

THERMOSTAT

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|------------|---|---|---|---|-------------------|------------------------|
| A-3041379 | 1 | | | | Thermostat 170° F | |
| A-5104096 | | | 1 | 1 | Thermostat 180° F | Partial blocking |
| A-5104238 | | | 1 | 1 | Thermostat 173° F | Partial blocking |
| A-5172141 | | 1 | 1 | 1 | Thermostat 173° F | Non blocking |
| A-23503826 | | | 1 | 1 | Thermostat 170° F | Full blocking use seal |
| A-5132155 | | | 1 | 1 | Seal | |

RAW WATER PUMP & HEAT EXCHANGE

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|-------------------------------|--------------------------|
| A-5197222 | | 1 | 1 | 1 | Reconditioning Kit | Pumps #5122599,#23507972 |
| A-5196846 | | 1 | 1 | 1 | Impeller Replacement Kit | Impeller #8924839 |
| A-5197224 | | 1 | 1 | 1 | Reconditioning Kit | Pumps #5115396,#23507971 |
| A-5194860 | | 1 | 1 | 1 | Impeller Replacement Kit | Impeller #8924839 |
| A-8517479 | | 1 | 1 | 1 | Electrode Assembly - 2 1/8" L | At pump inlet |
| A-8515850 | | 1 | 1 | 1 | Electrode Assembly - 3 3/8" L | In exchanger |

AIR COMPRESSOR DRIVE

| PART # | 2 | 3 | 4 | 6 | DESCRIPTION | NOTE |
|-----------|---|---|---|---|-------------|---------------|
| A-5170450 | | 1 | 1 | 1 | Drive Plate | On drive gear |
| A-5141773 | | 1 | 1 | 1 | Coupling | |
| A-5144866 | | 1 | 1 | 1 | Hub | On compressor |

71 SERIES

GASKET LISTING

| DESCRIPTION | NOTE | PART # | 2 | 3 | 4 | 6 |
|--------------------------------|----------------------------|------------|---|---|---|---|
| Aftercooler Seal Ring | | A-5101138 | | | | 4 |
| Air Box Cover Bolt Gasket | | A-23505525 | 4 | 3 | 4 | 8 |
| Air Box Cover Gasket | | A-5152288 | 2 | | | |
| Air Box Cover Gasket | | A-5132117 | | 3 | 4 | 8 |
| Air Inlet Housing Gasket | To blower with screen | A-5103557 | 1 | | | |
| Air Inlet Housing Gasket | To blower with screen | A-5103558 | | 1 | | |
| Air Inlet Housing Gasket | To blower with screen | A-5103559 | | | 1 | |
| Air Inlet Housing Gasket | To blower with screen | A-5103601 | | | | 1 |
| Air Inlet Housing Gasket | For bypass blower | A-23505529 | | | | 1 |
| Balance Weight Cover Gasket | | A-5121753 | | 1 | 1 | 1 |
| Breather Gasket | Side block mount | A-5173482 | | | 1 | 1 |
| Crankshaft Front Cover Gasket | | A-5156192 | 1 | | | |
| Crankshaft Front Cover Gasket | | A-5150181 | | 1 | 1 | 1 |
| Crankshaft Front Cover Gasket | | A-5112641 | | | 1 | 1 |
| Exhaust Manifold Gasket | | A-5154210 | 1 | | | |
| Exhaust Manifold Gasket | | A-5150194 | | 1 | | |
| Exhaust Manifold Gasket | Metal clad | A-5120224 | | | 2 | 2 |
| Exhaust Manifold Gasket | Metal clad | A-5120223 | | | | 1 |
| Exhaust Manifold Gasket | TA 6 bolt hole | A-8925587 | | | | 1 |
| Flywheel Housing Cover Gasket | Large hole | A-23515145 | | 2 | 2 | 2 |
| Flywheel Housing Cover Gasket | Small hole (star) | A-5104507 | | 1 | 1 | 1 |
| Flywheel Housing Gasket | | A-5152525 | 1 | | | |
| Flywheel Housing Gasket | | A-8928967 | | 1 | 1 | 1 |
| Fuel Pump Mounting Gasket | | A-5150193 | 1 | 1 | 1 | 1 |
| Governor Cover Gasket | | A-5150889 | 1 | 1 | 1 | 1 |
| Oil Pan Gasket | | A-5154198 | 1 | | | |
| Oil Pan Gasket | | A-5150115 | | 1 | | |
| Oil Pan Gasket | | A-5150116 | | | 1 | |
| Oil Pan Gasket | | A-5150117 | | | | 1 |
| Oil Pan Gasket - Lower | Lower to upper | A-5153256 | | | | 1 |
| Oil Pan Sump Gasket | Round cast iron sump cover | A-5153788 | | | | 1 |
| Oil Pan Sump Gasket | Round steel sump cover | A-5153986 | | | | 1 |
| Oil Regulator Gasket | | A-5104381 | | 1 | 1 | 1 |
| Rocker Cover Gasket - Neoprene | | A-5144484 | 1 | | | |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143405 | | 1 | | |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143406 | | | 1 | |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143407 | | | | 1 |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104018 | | 1 | | |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104081 | | | 1 | |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104019 | | | | 1 |
| Rocker Cover Isolator | For cast aluminum cover | A-5104515 | | 2 | 2 | 4 |
| Starter Gasket | For wet housings | A-5130995 | | 1 | 1 | 1 |
| Thermostat Housing Gasket | | A-5169478 | | 2 | 2 | 2 |
| Turbocharger Mounting Gasket | TO4 model turbo | A-5103394 | | | 1 | 1 |
| Turbocharger Mounting Gasket | TV model turbo | A-8929529 | | | 1 | 1 |
| Water Pump Cover Gasket | | A-5150188 | | 1 | 1 | 1 |
| Water Pump Cover Gasket | High capacity | A-5178273 | | | 1 | 1 |
| Water Pump Cover Seal | 2 3/16" OD | A-5153560 | | 1 | 1 | |
| Water Pump Cover Seal | 2 1/2" OD | A-5159457 | | 1 | 1 | |
| Water Pump Cover Seal | 2 3/4" OD | A-5156770 | | | 1 | 1 |
| Water Pump Mounting Gasket | | A-5150193 | | 1 | 1 | 1 |
| Water Pump Oring | At block | A-5150191 | | 1 | 1 | 1 |

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71 SERIES

CYLINDER KIT COMPONENTS

| REFERENCE CYLINDER KIT | McBEE CYLINDER KIT | LINERLESS KIT | LINER | SIZE | PORT | PISTON | SKIRT | RING SET | PIN | RETAINER | SLIPPER | PISTON SEAL |
|------------------------|--------------------|---------------|------------|-------|-------|---------------------|------------|------------|-----------|-------------|------------|-------------|
| A-23505305 | A-23505305#2 | A-LCK5306 | A-23502021 | #2 | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| A-23505306 | A-23505306#3 | A-LCK5306 | A-23502022 | #3 | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| | A-5149261 | A-LCK5306 | A-23504936 | #4 | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| | A-23505305.005 | A-LCK5306 | A-5193732 | .005" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| | A-5149263 | A-LCK5306 | A-5193733 | .010" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| | A-5149264 | A-LCK5306 | A-5193734 | .020" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| | A-23505305.030 | A-LCK5306 | A-5193735 | .030" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | Ⓢ A-5188405 | | |
| | A-23505307#2 | A-LCK5307 | A-23502021 | #2 | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| A-23505307 | A-23505307#3 | A-LCK5307 | A-23502022 | #3 | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| | A-23505307.001 | A-LCK5307 | A-23504936 | #4 | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| | A-23505307.005 | A-LCK5307 | A-5193732 | .005" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| | A-23505307.010 | A-LCK5307 | A-5193733 | .010" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| | A-23505307.020 | A-LCK5307 | A-5193734 | .020" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| | A-23505307.030 | A-LCK5307 | A-5193735 | .030" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | Ⓢ A-5188405 | | |
| A-23505308 | A-23505309#2 | A-LCK5309 | A-23504932 | #2 | .81" | A-5189054 (17:1) | | A-5193477 | A-5188406 | Ⓢ A-5188405 | | |
| A-23505309 | A-23505309#3 | A-LCK5309 | A-23504933 | #3 | .81" | A-5189054 (17:1) | | A-5193477 | A-5188406 | Ⓢ A-5188405 | | |
| | A-23522473 | A-LCK22473 | A-23502024 | #2 | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522477 | A-LCK22473 | A-23502025 | #3 | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522479 | A-LCK22473 | A-23504935 | #4 | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522481 | A-LCK22473 | A-5107449 | .010" | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522483 | A-LCK22473 | A-5107450 | .020" | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522485 | A-LCK22485 | A-23502021 | #2 | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522953 | A-LCK22485 | A-23502022 | #3 | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522485 | A-LCK22485 | A-23504936 | #4 | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522485.005 | A-LCK22485 | A-5193732 | .005" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522491 | A-LCK22485 | A-5193733 | .010" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522493 | A-LCK22485 | A-5193734 | .020" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522485.030 | A-LCK22485 | A-5193735 | .030" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522507 | A-LCK22507 | A-23502024 | #2 | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522509 | A-LCK22507 | A-23502025 | #3 | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522511 | A-LCK22507 | A-23504935 | #4 | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522513 | A-LCK22507 | A-5107449 | .010" | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522515 | A-LCK22507 | A-5107450 | .020" | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522949 | A-LCK22949 | A-23502021 | #2 | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522947 | A-LCK22949 | A-23502022 | #3 | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522521 | A-LCK22949 | A-23504936 | #4 | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522949.005 | A-LCK22949 | A-5193732 | .005" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522951 | A-LCK22949 | A-5193733 | .010" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522525 | A-LCK22949 | A-5193734 | .020" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |
| | A-23522949.030 | A-LCK22949 | A-5193735 | .030" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | Ⓢ A-5180250 | A-23501687 | A-8922221 |

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V71 SERIES

IN-FRAME KITS

| PART # | DESCRIPTION | 6V | 8V | 12V | 16V | CYL KIT |
|---|--|----|----|-----|------|------------|
| A-6V71-NA | Trunk / Natural / 18.7:1 / 1.05" Port Height | 1 | | | | A-23505306 |
| A-6V71-NAC | Trunk / Natural / 18.7:1 / 1.05" Port / Cast R/C | 1 | | | | A-23505306 |
| A-6V71-XH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | 1 | | | | A-23522949 |
| A-6V71-XHC | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | 1 | | | | A-23522949 |
| A-6V71-XHT | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | 1 | | | | A-23522953 |
| A-6V71-XHTC | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | 1 | | | | A-23522953 |
| A-8V71-NA | Trunk / Natural / 18.7:1 / 1.05" Port Height | | 1 | | | A-23505306 |
| A-8V71-NAC | Trunk / Natural / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23505306 |
| A-8V71-XH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | 1 | | | A-23522949 |
| A-8V71-XHC | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23522949 |
| A-8V71-XHT | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | 1 | | | A-23522953 |
| A-8V71-XHTC | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | 1 | | | A-23522953 |
| A-12V71-NA | Trunk / Natural / 18.7:1 / 1.05" Port Height | | | 1 | | A-23505306 |
| A-12V71-NAC | Trunk / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23505306 |
| A-12V71-XH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | | 1 | | A-23522949 |
| A-12V71-XHC | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522949 |
| A-12V71-XHT | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | | 1 | | A-23522953 |
| A-12V71-XHTC | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522953 |
| | | | | | NOTE | |
| NOTE: For 16V units individual components are available. | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

OVERHAUL KITS

| PART # | DESCRIPTION | 6V | 8V | 12V | 16V | CYL KIT |
|---|--|----|----|-----|------|------------|
| A-6V71-NA-OH | Trunk / Natural / 18.7:1 / 1.05" Port Height | 1 | | | | A-23505306 |
| A-6V71-NAC-OH | Trunk / Natural / 18.7:1 / 1.05" Port / Cast R/C | 1 | | | | A-23505306 |
| A-6V71-XH-OH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | 1 | | | | A-23522949 |
| A-6V71-XHC-OH | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | 1 | | | | A-23522949 |
| A-6V71-XHT-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | 1 | | | | A-23522953 |
| A-6V71-XHTC-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | 1 | | | | A-23522953 |
| A-8V71-NA-OH | Trunk / Natural / 18.7:1 / 1.05" Port Height | | 1 | | | A-23505306 |
| A-8V71-NAC-OH | Trunk / Natural / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23505306 |
| A-8V71-XH-OH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | 1 | | | A-23522949 |
| A-8V71-XHC-OH | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | 1 | | | A-23522949 |
| A-8V71-XHT-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | 1 | | | A-23522953 |
| A-8V71-XHTC-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | 1 | | | A-23522953 |
| A-12V71-NA-OH | Trunk / Natural / 18.7:1 / 1.05" Port Height | | | 1 | | A-23505306 |
| A-12V71-NAC-OH | Trunk / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23505306 |
| A-12V71-XH-OH | Crosshead / Natural / 18.7:1 / 1.05" Port Height | | | 1 | | A-23522949 |
| A-12V71-XHC-OH | Crosshead / Natural / 18.7:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522949 |
| A-12V71-XHT-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port Height | | | 1 | | A-23522953 |
| A-12V71-XHTC-OH | Crosshead / Turbo / 17.5:1 / 1.05" Port / Cast R/C | | | 1 | | A-23522953 |
| | | | | | NOTE | |
| NOTE: For 16V units individual components are available. | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

V71 SERIES

ENGINE BEARINGS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|---------------------------------|--------------------------|
| A-5149572 | 6 | 8 | 12 | 16 | Connecting Rod Bearing STD | |
| A-5149575 | 6 | 8 | 12 | 16 | Connecting Rod Bearing .010" | |
| A-5149577 | 6 | 8 | 12 | 16 | Connecting Rod Bearing .020" | |
| A-5149579 | 6 | 8 | 12 | 16 | Connecting Rod Bearing .030" | |
| A-5149556 | 4 | 5 | 7 | 10 | Main Bearing STD | |
| A-5149559 | 4 | 5 | 7 | 10 | Main Bearing .010" | |
| A-5149561 | 4 | 5 | 7 | 10 | Main Bearing .020" | |
| A-5149563 | 4 | 5 | 7 | 10 | Main Bearing .030" | |
| A-5149565 | 4 | 5 | 7 | 10 | Main Bearing STD | For turbocharged engines |
| A-5149567 | 4 | 5 | 7 | 10 | Main Bearing .010" | For turbocharged engines |
| A-5149568 | 4 | 5 | 7 | 10 | Main Bearing .020" | For turbocharged engines |
| A-8922118 | 4 | 5 | 7 | 10 | Main Bearing .030" | For turbocharged engines |
| A-5117005 | 4 | 4 | 4 | 4 | Thrust Washer STD | |
| A-5196753 | 4 | 4 | 4 | 4 | Thrust Washer .005" | |
| A-5196754 | 4 | 4 | 4 | 4 | Thrust Washer .010" | |
| A-141346 | 4 | 4 | 4 | 4 | Thrust Washer Dowel | |
| A-5111422 | 2 | 2 | 2 | 4 | Cam End Bearing | Rear (front & rear 16V) |
| A-5194858 | 2 | 2 | 2 | 4 | Cam End Bearing .010" USID | Rear (front & rear 16V) |
| A-5117984 | 2 | 2 | 2 | | Cam End Bearing | Front |
| A-5197569 | 2 | 2 | 2 | | Cam End Bearing .010" USID | Front |
| A-5196026 | 4 | 6 | 10 | 12 | Cam Intermediate Bearing STD | |
| A-5196027 | 4 | 6 | 10 | 12 | Cam Intermediate Brg .010" USID | |
| A-5115572 | 8 | 12 | 20 | 24 | Ring Lock | |
| A-5111424 | 4 | 4 | 4 | 8 | Cam Thrust Washer STD | |
| A-5194826 | 4 | 4 | 4 | 8 | Cam Thrust Washer .005" OS | |
| A-5194827 | 4 | 4 | 4 | 8 | Cam Thrust Washer .010" OS | |
| A-7451948 | 1 | 1 | 1 | 2 | Idler Gear Bearing | |
| A-5103534 | 6 | 6 | 6 | 12 | Idler Gear Bearing Lock Bolt | Do not reuse |
| A-5157274 | 12 | 16 | 24 | 32 | Connecting Rod Bushing | For trunk non-turbo rods |

ROCKER COVER MOUNTING

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|--------------------------------|-------------------------|
| A-5143405 | 2 | | | | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5143406 | | 2 | | 4 | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5143407 | | | 2 | | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5104018 | 2 | | | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5104081 | | 2 | | 4 | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5104019 | | | 2 | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5149510 | 2 | | | | Cast Cover Installation Kit | |
| A-5149511 | | 2 | | 4 | Cast Cover Installation Kit | |
| A-5149512 | | | 2 | | Cast Cover Installation Kit | |
| A-5104015 | 4 | 4 | 8 | 8 | Cast Cover Hold Down Bolt | |
| A-5104515 | 4 | 4 | 8 | 8 | Cast Cover Isolator | |
| A-5104514 | 4 | 4 | 8 | 8 | Cast Cover Isolator Washer | |

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V71 SERIES

OVERHAUL GASKET SETS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|---|----|----|-----|-----|---------------------|--------------------|
| A-23512677 | 1 | | | | Overhaul Gasket Set | Coach applications |
| A-23512678 | 1 | | | | Overhaul Gasket Set | |
| A-23512679 | | 1 | | | Overhaul Gasket Set | Coach applications |
| A-23512680 | | 1 | | | Overhaul Gasket Set | |
| A-23512681 | | | 1 | | Overhaul Gasket Set | |
| A-23512682 | | | | 1 | Overhaul Gasket Set | |
| NOTE: The above sets do not include R/C gaskets or crankshaft seals and only basic cooler gaskets. | | | | | | |

HEAD & SUPPLEMENTAL GASKET SETS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|--|----|----|-----|-----|--------------------------|-------------------------|
| A-5196376 | 1 | 1 | | | Supplemental Gasket Sets | Marine applications |
| A-5196378 | | | 1 | | Supplemental Gasket Sets | Marine applications |
| A-5196379 | | | 1 | | Supplemental Gasket Sets | Industrial applications |
| A-5196132 | | | | 1 | Supplemental Gasket Sets | Marine applications |
| A-5196380 | 2 | | | | Head Gasket Set | |
| A-5196381 | | 2 | | 4 | Head Gasket Set | |
| A-5196382 | | | 2 | | Head Gasket Set | |
| NOTE: The above head sets sets do not include rocker cover gaskets. | | | | | | |

BLOWER GASKET SETS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------------------|------------------------|
| A-5149646 | 1 | | | | Blower Installation Kit | Natural |
| A-5149641 | 1 | | | | Blower Installation Kit | Turbocharged |
| A-5149644 | | 1 | | | Blower Installation Kit | Natural |
| A-5149643 | | 1 | | | Blower Installation Kit | Turbocharged |
| A-5149642 | | | 1 | | Blower Installation Kit | Natural & turbocharged |
| A-5149645 | | | | 1 | Blower Installation Kit | Natural & turbocharged |

LINER INSERTS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------------------------|------------------------------|
| A-5184484 | 6 | 8 | 12 | 16 | Liner Insert STD ID / STD HGT | For STD & .005" OS liners |
| A-5193316 | 6 | 8 | 12 | 16 | Liner Insert OS ID / STD HGT | For .010" to .030" OS liners |
| A-5148399 | 6 | 8 | 12 | 16 | Liner Insert STD ID / +.0015" HGT | For STD & .005" OS liners |
| A-5199871 | 6 | 8 | 12 | 16 | Liner Insert OS ID / +.0015" HGT | For .010" to .030" OS liners |
| A-5199569 | AR | AR | AR | AR | Liner Shim .002" Trick | |

CRANKSHAFT ASSEMBLY

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------|------|
| A-5146733 | 1 | | | | Crankshaft | |
| A-5103264 | | 1 | | | Crankshaft | |
| A-23502165 | | | 1 | | Crankshaft | |

V71 SERIES

FRONT CRANKSHAFT SEALS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-----------------------------------|----------------------|
| A-5115454 | 1 | 1 | 1 | | Front Seal - Lip Type | |
| A-5114335 | | | | 1 | Front Seal - Lip Type | & |
| A-5197860 | | | | 1 | Front Seal - Lip Type | # |
| A-23514608 | 1 | 1 | 1 | | Front Seal - Teflon / Directional | RH engine rotation |
| A-23514609 | 1 | 1 | 1 | | Front Seal - Teflon / Directional | LH engine rotation |
| A-8927747 | | | | 1 | Front Seal - Teflon / Directional | & RH engine rotation |
| A-8927746 | | | | 1 | Front Seal - Teflon / Directional | & LH engine rotation |
| A-8927749 | | | | 1 | Front Seal - Teflon / Directional | # RH engine rotation |
| A-8927748 | | | | 1 | Front Seal - Teflon / Directional | # LH engine rotation |
| A-5198908 | | | | 1 | Front Sleeve | # |

Note: # = For outboard front trunnion mount with bearing. & =For non-outboard trunnion units.

REAR CRANKSHAFT SEALS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|----------------------------------|---|
| A-5114335 | 1 | 1 | 1 | | Rear Seal - Single Lip Type | STD For dry hsg |
| A-5197860 | 1 | 1 | 1 | | Rear Seal - Single Lip Type | O/S For dry hsg / use wear sleeve |
| A-5194462 | | | | 1 | Rear Seal - Single Lip Type | O/S For dry hsg / use wear sleeve |
| A-5127821 | 1 | 1 | 1 | | Rear Seal - Double Lip Type | STD For wet hsg |
| A-5196927 | 1 | 1 | 1 | | Rear Seal - Double Lip Type | O/S For wet hsg / use wear sleeve |
| A-5198159 | | | | 1 | Rear Seal - Double Lip Type | O/S For wet hsg / use wear sleeve |
| A-8927746 | 1 | 1 | 1 | | Rear Seal - Teflon / Directional | STD RH eng. rot. / dry hsg |
| A-8927748 | 1 | 1 | 1 | | Rear Seal - Teflon / Directional | O/S RH eng. rot. / dry hsg / use sleeve |
| A-23504821 | 1 | 1 | 1 | | Rear Seal - Teflon / Directional | O/S RH eng. rot. / wet hsg / use sleeve |
| A-8927747 | 1 | 1 | 1 | | Rear Seal - Teflon / Directional | STD LH eng. rot. / dry hsg |
| A-8927749 | 1 | 1 | 1 | | Rear Seal - Teflon / Directional | O/S LH eng. rot. / dry hsg / use sleeve |
| A-23507411 | 1 | 1 | 1 | | Rear Seal - Teflon / Directional | O/S LH eng. rot. / wet hsg / use sleeve |
| A-8926761 | | | | 1 | Rear Seal - Teflon / Directional | STD RH eng. rot. / dry hsg |
| A-23501544 | | | | 1 | Rear Seal - Teflon / Directional | O/S RH eng. rot. / dry hsg / use sleeve |
| A-23501610 | | | | 1 | Rear Seal - Teflon / Directional | STD LH eng. rot. / dry hsg |
| A-23501545 | | | | 1 | Rear Seal - Teflon / Directional | O/S LH eng. rot. / dry hsg / use sleeve |
| A-23507225 | 1 | 1 | 1 | | O/S Rear Seal Sleeve | |
| A-23507226 | | | | 1 | O/S Rear Seal Sleeve | |

VIBRATION DAMPER

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|----------------------|-------------------|
| A-8922491 | | 1 | | | Damper - Viscous | 12.3" OD |
| A-8922492 | | 1 | | | Damper - Viscous | 12.3" OD |
| A-8928951 | | | 1 | | Damper - Viscous | 12.3" OD |
| A-8924435 | | | | 1 | Damper - Viscous | 18" OD |
| A-5106222 | | | | 1 | Damper - Viscous | 15.1" OD |
| A-5134917 | | 1 | 1 | | Front Cone - .531" L | |
| A-5102957 | | 1 | 1 | | Front Cone - .937" L | |
| A-23506876 | | 1 | 1 | | Rear Cone - 1.40" L | Grooved |
| A-5104475 | | 1 | 1 | | Rear Cone - 1.70" L | Grooved |
| A-23502705 | | 1 | 1 | | Rear Cone - 2.12" L | Grooved |
| A-23507297 | | 1 | 1 | | Rear Cone - 2.22" L | Grooved |
| A-23507296 | | 1 | 1 | | Rear Cone - 3.09" L | Grooved |
| A-23503769 | | 1 | 1 | | Seal Ring | For grooved cones |

V71 SERIES

CYLINDER HEAD COMPONENTS

4-VALVE

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|----------------|----|----|-----|-----|---------------------------------|------------------------------|
| A-23500501 | 24 | 32 | 48 | 64 | Valve Kit | With locks / code (U) |
| A-5149386 | 24 | 32 | 48 | 64 | Valve Kit - High HP | With locks / code (J6) |
| A-5111337 | 48 | 64 | 96 | 128 | Valve Lock | |
| A-5147347 | 24 | 32 | 48 | 64 | Valve Spring | |
| A-5117563 | 24 | 32 | 48 | 64 | Valve Spring Cap (retainer) | |
| A-5117562 | 24 | 32 | 48 | 64 | Valve Spring Seat | |
| A-5129919 | 24 | 32 | 48 | 64 | Valve Guide | |
| A-5129919+.002 | 24 | 32 | 48 | 64 | Valve Guide | .002" OS OD |
| A-5129919+.005 | 24 | 32 | 48 | 64 | Valve Guide | .005" OS OD |
| A-8921209 | 24 | 32 | 48 | 64 | Valve Guide Seal | Steel with teflon lip |
| A-5101101 | 24 | 32 | 48 | 64 | Valve Seat (Insert) STD | |
| A-5197167 | 24 | 32 | 48 | 64 | Valve Seat (Insert) .010" OS | |
| A-5117565 | 12 | 16 | 24 | 32 | Valve Bridge | |
| A-5129101 | 12 | 16 | 24 | 32 | Valve Bridge Adjuster Screw | |
| A-5151601 | 12 | 16 | 24 | 32 | Valve Bridge Lock Nut | |
| A-5117564 | 12 | 16 | 24 | 32 | Valve Bridge Guide | |
| A-5117564.006 | 12 | 16 | 24 | 32 | Valve Bridge Guide | .006" OS |
| A-5196843 | 12 | 16 | 24 | 32 | Valve Bridge Guide | Early threaded type |
| A-5128640 | 18 | 24 | 36 | 48 | Push Rod | |
| A-5151601 | 18 | 24 | 36 | 48 | Push Rod Nut | |
| A-5186858 | 18 | 24 | 36 | 48 | Push Rod Spring | .177" wire dia. |
| A-5150302 | 18 | 24 | 36 | 48 | Push Rod Spring Seat - Upper | |
| A-5123250 | 18 | 24 | 36 | 48 | Push Rod Spring Seat - Lower | |
| A-5150303 | 18 | 24 | 36 | 48 | Push Rod Spring Retainer | |
| A-8924439 | 18 | 24 | 36 | 48 | Follower Assembly | |
| A-8923814 | 18 | 24 | 36 | 48 | Roller & Pin Set | |
| A-5106413 | 6 | 8 | 12 | 16 | Follower Guide | |
| A-443603 | 12 | 16 | 24 | 32 | Guide Bolt | |
| A-103319 | 12 | 16 | 24 | 32 | Guide Bolt Washer | |
| A-8925981 | 6 | 8 | 12 | 16 | Injector Tube Kit STD | With seal |
| A-8925981A | 6 | 8 | 12 | 16 | Injector Tube Kit OS | Thicker nose with seal |
| A-5172874 | | 4 | 4 | 4 | Water Nozzle Single Jet | |
| A-5111332 | | 4 | 6 | 12 | Water Nozzle Double Jet | |
| A-8923554 | 6 | 8 | 12 | 16 | Rocker Arm - Injector | MCB4355 repair kit available |
| A-5148472 | 6 | 8 | 12 | 16 | Rocker Arm Valve - Left | MCB7217 repair kit available |
| A-5148475 | 6 | 8 | 12 | 16 | Rocker Arm Valve - Right | MCB7217 repair kit available |
| A-8924355 | 6 | 8 | 12 | 16 | Injector Arm Bushing | Large |
| A-23517217 | 12 | 16 | 24 | 32 | Valve Arm Bushing | Large |
| A-8924354 | 18 | 24 | 36 | 48 | Injector & Valve Arm Bushing | Small |
| A-5123700 | 18 | 24 | 36 | 48 | Inj. & Valve Arm Clevis Bushing | |
| A-5150314 | 18 | 24 | 36 | 48 | Inj. & Valve Arm Clevis Pin | |
| A-23500714 | 6 | 8 | 12 | 16 | Rocker Shaft | |
| A-5103903 | 12 | 16 | 24 | 32 | Rocker Shaft Bracket (stand) | |
| A-5150325 | 12 | 16 | 24 | 32 | Rocker Shaft Bracket Bolt | |
| A-23511850 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Short | |
| A-23511851 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Long | |
| A-5117369 | 12 | 16 | 24 | 32 | Fuel Connector | |
| A-5125108 | 12 | 16 | 24 | 32 | Fuel Connector Washer | |
| A-8925804 | 8 | 10 | 14 | 20 | Exhaust Manifold Stud | |
| A-23505398 | 8 | 10 | 14 | 20 | Exhaust Manifold Nut | |
| A-5104439 | 4 | 6 | 10 | 12 | Exhaust Manifold Washer | |
| A-8927270 | 12 | 16 | 24 | 32 | Water Manifold Stud | |

V71 SERIES

FUEL INJECTOR & MOUNTING

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|--|----|----|-----|-----|---------------------------------|---------------------------|
| ***Refer to the INTERSTATE-McBEE FUEL INJECTION CATALOG for DETROIT DIESEL® for a complete listing of injector assemblies and components.*** | | | | | | |
| A-23511850 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Short | For offset body injectors |
| A-23511851 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Long | For offset body injectors |
| A-23511853 | 6 | 8 | 12 | | Fuel Jumper Line - Short "JAKE" | |
| A-23511854 | 6 | 8 | 12 | | Fuel Jumper Line - Long "JAKE" | |
| A-5117369 | 12 | 16 | 24 | 32 | Fuel Connector | |
| A-5125108 | 12 | 16 | 24 | 32 | Fuel Connector Washer | |
| A-5121259 | 6 | 8 | 12 | 16 | Injector Clamp | For offset body injectors |
| A-5150250 | 6 | 8 | 12 | 16 | Injector Clamp Washer | |

FUEL PUMP

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|------------------------------|-----------------------|
| A-5199560 | 1 | 1 | 1 | 1 | Fuel Pump Assembly | LH standard capacity |
| R-5199560 | 1 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH standard capacity |
| A-5199735 | 1 | 1 | 1 | 1 | Fuel Pump Assembly | LH high capacity |
| R-5199735 | 1 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH high capacity |
| A-5195078 | 1 | 1 | 1 | 1 | Fuel Pump Repair Kit | For standard capacity |
| A-5149599 | 1 | 1 | 1 | 1 | Fuel Pump Repair Kit | For high capacity |
| A-5102257 | 1 | 1 | 1 | 1 | Fuel Pump Drive Fork | |
| A-5150193 | 1 | 1 | 1 | 1 | Fuel Pump Mounting Gasket | |
| A-5110760 | 1 | 1 | 1 | 1 | Fuel Primer Hand Pump | |

GOVERNOR COMPONENTS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------------------------|------------------------------|
| A-IDS29397 | 1 | 1 | 1 | 1 | Governor Repair Kit - Double Weight | For mechanical limiting unit |
| A-IDS02825 | 1 | 1 | 1 | 1 | Governor Repair Kit - Single Weight | For mechanical limiting unit |
| A-8924869 | 1 | 1 | 1 | 1 | Cover Gasket | Cover to governor housing |
| A-9431896 | 1 | 1 | 1 | 1 | Bearing | Operating shaft upper |
| A-9436682 | 1 | 1 | 1 | 1 | Bearing | Operating shaft lower |
| A-116337 | 1 | 1 | 1 | 1 | Expansion Plug - 11/16" | Under lower bearing |
| A-5165221 | 1 | 1 | 1 | 1 | Gasket | Weight shaft cap |
| A-9424121 | 1 | 1 | 1 | 1 | Bearing | For weight shaft |
| A-9437108 | 1 | 1 | 1 | 1 | Riser Bearing | |
| A-5147910 | 1 | 1 | 1 | 1 | Riser - .865"L | |
| A-8924266 | 1 | 1 | 1 | 1 | Governor Mounting Gasket | Governor to blower |
| A-8922593 | 1 | 1 | 1 | 1 | Spring Housing Gasket | |
| A-5117952 | 1 | 1 | 1 | 1 | Buffer Screw | |
| A-5174286 | 1 | 1 | 1 | 1 | Buffer Screw Nut | |
| A-8924267 | 2 | 2 | 2 | 4 | Control Link Hose - 13/16"L | Governor to head adaptor |
| A-5104556 | | | | 1 | control Link Hose - .56"L | |
| A-5104592 | 4 | 4 | 4 | 8 | Hose Clamp | |

SHUTDOWN CONTROL

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------------|------|
| A-23504196 | 1 | 1 | 1 | 1 | Shutdown Solenoid - 12V | |
| A-23504197 | 1 | 1 | 1 | 1 | Shutdown Solenoid - 24V | |

V71 SERIES

TURBOCHARGER & AFTERCOOLER MOUNTING

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------------------|--------------------------|
| A-5103394 | 1 | 1 | AR | AR | Mounting Gasket | TO4 model turbo |
| A-8929529 | 1 | 1 | AR | AR | Mounting Gasket | T18A & TV6/7 model turbo |
| A-9411981 | 4 | 4 | AR | AR | Lock Nut 3/8-24 | |
| A-5170466 | 1 | 1 | AR | AR | Oil Inlet Gasket | |
| A-5170468 | 1 | 1 | AR | AR | Oil Drain Gasket | |
| A-5147911 | 2 | 2 | AR | AR | Air Outlet Hose Clamp | 3.5" dia |
| A-5147912 | 2 | 2 | AR | AR | Air Outlet Hose Clamp | 3.375" dia |
| A-5162888 | 1 | 1 | AR | AR | Air Outlet Hose | 3.5"ID x 2.25"L |
| A-8926957 | 1 | 1 | AR | AR | Air Outlet Hose | 4"ID x 2.375"L |
| A-5101138 | 4 | 4 | 8 | 8 | Aftercooler Seal Ring | |
| A-5137620 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 3.82" dia |
| A-5146165 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 3.88" dia |
| A-5137619 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 4.50" dia |
| A-5132650 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 5.25" dia |

OIL PUMP

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------------|----------------|
| A-5196602 | 1 | 1 | | | Gear Set | 1.302" W gears |
| A-8927135 | 1 | 1 | | | Drive Gear - 37 teeth | |
| A-8928545 | 1 | 1 | | | Key 3/16 x 7/8 | |

OIL RELIEF & REGULATOR

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------|------|
| A-8922740 | 2 | 2 | 2 | 3 | Valve | |
| A-5126327 | 2 | 2 | 2 | 3 | Spring - 2.96"L | |
| A-5126326 | | | | 1 | Spring - 2.57"L | |

OIL FILLER & DIPSTICK

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------------------------|-----------------------|
| A-5117362 | 1 | 1 | AR | AR | Filler Cap - 2" diameter | Expansion rubber type |
| A-5146679 | 1 | 1 | 1 | 1 | Dipstick - Universal Unmarked | 61"L expansion type |
| A-5146680 | 1 | 1 | 1 | 1 | Dipstick - Universal Unmarked | 72"L cane handle type |

OIL COOLER

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|------------------------|----------------------------------|
| A-8547195 | AR | AR | | | Cooler Core - 18-plate | Single stack |
| A-8547236 | AR | | | | Cooler Core - 13-plate | Single stack #1 reinforced |
| A-8547237 | AR | AR | AR | AR | Cooler Core - 24-plate | Double stack |
| A-8547547 | AR | AR | | | Cooler Core - 16-plate | Single stack |
| A-8547552 | | | AR | AR | Cooler Core - 32-plate | Double stack |
| A-8547553 | AR | AR | | | Cooler Core - 16-plate | Double stack |
| A-8547554 | | | AR | | Cooler Core - 12-plate | Single stack / double base |
| A-8547555 | AR | | | | Cooler Core - 12-plate | Single stack / double base |
| A-8547561 | | AR | AR | | Cooler Core - 24-plate | 12-engine & 12-marine gear |
| A-8547581 | AR | AR | | | Cooler Core - 13-plate | Single stack #1 to #4 reinforced |

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V71 SERIES

WATER PUMP

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|--------------------|-----------------------|
| A-23506366 | 1 | 1 | | | Rebuild Kit | |
| A-23506367 | | | 1 | | Rebuild Kit | Impeller vane 2.25"L |
| A-23506368 | | | 1 | | Rebuild Kit | Impeller vane 1.375"L |
| A-23506871 | | | | 1 | Rebuild Kit | |
| A-23505999 | 1 | 1 | | | Impeller | |
| A-23506000 | | | 1 | | Impeller | Impeller vane 2.25"L |
| A-23506001 | | | 1 | | Impeller | Impeller vane 1.375"L |
| A-23506002 | | | | 1 | Impeller | |
| A-23522434 | 1 | 1 | 1 | 1 | Unitized Seal | |
| A-23506053 | 1 | 1 | 1 | 1 | Shaft | |
| A-23503687 | 1 | 1 | 1 | 1 | Bearing Inner | |
| A-23503649 | 1 | 1 | 1 | 1 | Bearing Outer | |
| A-23501819 | 1 | 1 | 1 | 1 | Oil Seal | |
| A-221436 | 1 | 1 | 1 | 1 | Flatwasher | |
| A-274746 | 1 | 1 | 1 | 1 | Lock Ring | |
| A-5117972 | 1 | 1 | 1 | 1 | Lock Nut | |
| A-5117975 | 1 | 1 | 1 | 1 | Cover Gasket | |
| A-5117976 | | | 1 | | Cover Gasket | |
| A-23505239 | | | | 1 | Cover Gasket | |
| A-5103544 | 1 | 1 | 1 | | Mounting Seal Ring | |
| A-5109515 | | | | 1 | Mounting Gasket | |

THERMOSTAT

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------|--------------------------|
| A-5102112 | 2 | 2 | 4 | 4 | Thermostat 160° F | Full blocking / use seal |
| A-23503826 | 2 | 2 | 4 | 4 | Thermostat 170° F | Full blocking / use seal |
| A-23503825 | 2 | 2 | 4 | 4 | Thermostat 180° F | Full blocking / use seal |
| A-5104238 | 2 | 2 | | | Thermostat 173° F | Partial blocking |
| A-5104096 | 2 | 2 | | | Thermostat 180° F | Partial blocking |
| A-5132155 | 2 | 2 | 4 | 4 | Seal | Use with full blocking |

RAW WATER PUMP & HEAT EXCHANGER

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------------------------|---------------------------|
| A-5197222 | 1 | 1 | 1 | 1 | Reconditioning Kit | Pumps #5122599,#23507972 |
| A-5196846 | 1 | 1 | 1 | 1 | Impeller Replacement Kit | Impeller #8924839 |
| A-5197224 | 1 | 1 | 1 | 1 | Reconditioning Kit | Pumps #5115396,#23507971 |
| A-5194860 | 1 | 1 | 1 | 1 | Impeller Replacement Kit | Impeller #8924839 |
| A-8517479 | 2 | 2 | 2 | 2 | Electrode Assembly - 2 1/8" L | At pump inlet & exchanger |
| A-8515850 | 2 | 2 | 2 | 2 | Electrode Assembly - 3 3/8" L | In exchanger |

AIR COMPRESSOR DRIVE

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------|---------------|
| A-5170450 | 1 | 1 | 1 | 1 | Drive Plate | On drive gear |
| A-5141773 | 1 | 1 | 1 | 1 | Coupling | |
| A-5144866 | 1 | 1 | 1 | 1 | Hub | On compressor |

V71 SERIES

GASKET LISTING

| DESCRIPTION | NOTE | PART# | 6V | 8V | 12V | 16V |
|------------------------------------|-------------------------|------------|----|----|-----|-----|
| Aftercooler Seal Ring | | A-5101138 | 4 | 4 | 8 | 8 |
| Air Box Cover Gasket | Small cover | A-8923792 | 2 | 4 | 8 | 8 |
| Air Box Cover Gasket | Large cover | A-8923791 | 2 | 2 | 2 | 4 |
| Air Inlet Housing Gasket | To blower with screen | A-5103515 | 1 | | 2 | |
| Air Inlet Housing Gasket | To blower with screen | A-5103602 | | 1 | | 2 |
| Air Inlet Housing Gasket | To blower no screen | A-5102062 | | 1 | | 2 |
| Air Inlet Housing Gasket | To blower with screen | A-5103601 | | | | |
| Air Inlet Housing Rectangular Seal | On top of blower | A-5104978 | 1 | 1 | | |
| Air Inlet Housing Seal | On top of blower | A-5101419 | 2 | 2 | | |
| Exhaust Manifold Gasket | Metal clad | A-5122866 | 2 | | | |
| Exhaust Manifold Gasket | Metal clad | A-5120224 | | 4 | 4 | 8 |
| Exhaust Manifold Gasket | Metal clad | A-5120223 | | | 2 | |
| Exhaust Manifold Gasket | Metal clad 6 bolt hole | A-8925587 | | | 2 | |
| Flywheel Housing Cover Gasket | Large hole | A-23515145 | 2 | 2 | 2 | 3 |
| Flywheel Housing Cover Gasket | Small hole (star) | A-5104507 | 4 | 4 | 4 | 5 |
| Flywheel Housing Gasket | | A-5144875 | 1 | 1 | 1 | 1 |
| Front Cover Gasket | Upper | A-5123638 | 1 | 1 | 1 | |
| Front Cover Gasket | Lower | A-5121714 | 1 | 1 | 1 | |
| Front Gear Housing Gasket | | A-5144875 | | | | 1 |
| Fuel Pump Mounting Gasket | | A-5150193 | 1 | 1 | 1 | 1 |
| Governor Cover Gasket | Mechanical governor | A-8924869 | 1 | 1 | 1 | 1 |
| Oil Pan Gasket | | A-23503588 | 1 | | | |
| Oil Pan Gasket | | A-5117231 | | 1 | | |
| Oil Pan Gasket | Sub pan to block | A-5109915 | | | 1 | |
| Oil Pan Gasket - Lower | Sump to sub pan | A-5125635 | | | 1 | |
| Oil Pan Sump Gasket | Round steel sump cover | A-5124796 | | | 1 | |
| Oil Pan Gasket Kit | Sub pan to block | A-5126562 | | | | 1 |
| Oil Pan Gasket - Lower | Front sump to sub pan | A-5150115 | | | | 2 |
| Oil Pan Gasket - Lower | Rear sump to sub pan | A-5150116 | | | | 2 |
| Oil Pickup Tube Gasket | | A-5117242 | 1 | 1 | | |
| Oil Pickup Tube Gasket | | A-5123241 | | | 1 | |
| Oil Regulator & Relief Gasket | | A-5117269 | 2 | 2 | 2 | 2 |
| Oil Regulator & Relief Gasket | | A-29503153 | | | | 1 |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143405 | 2 | | | |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143406 | | 2 | | 4 |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143407 | | | 2 | |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104018 | 2 | | | |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104081 | | 2 | | 4 |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104019 | | | 2 | |
| Rocker Cover Isolator | For cast aluminum cover | A-5104515 | 4 | 4 | 8 | 8 |
| Starter Gasket | For wet housings | A-5130995 | 1 | 1 | 1 | 1 |
| Thermostat Housing Cover Gasket | | A-5117786 | 2 | 2 | | |
| Thermostat Housing Cover Gasket | Rapid warm housing | A-5133450 | 2 | 2 | | |
| Thermostat Housing Cover Gasket | | A-5175989 | | | 2 | 2 |
| Turbocharger Mounting Gasket | TO4 model turbo | A-5103394 | | | AR | AR |
| Turbocharger Mounting Gasket | TV model turbo | A-8929529 | 1 | 1 | AR | AR |
| Turbocharger Oil Gasket | Supply | A-5170466 | 1 | 1 | AR | AR |
| Turbocharger Oil Gasket | Drain TO4 model turbo | A-5138977 | 1 | 1 | AR | AR |
| Turbocharger Oil Gasket | Drain TV model turbo | A-5170468 | 1 | 1 | AR | AR |
| | | | | | | |
| | | | | | | |
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V71 SERIES

CYLINDER KIT COMPONENTS

| REFERENCE CYLINDER KIT | McBEE CYLINDER KIT | LINERLESS KIT | LINER | SIZE | PORT | PISTON | SKIRT | RING SET | PIN | RETAINER | SLIPPER | PISTON SEAL |
|------------------------|--------------------|---------------|------------|-------|-------|---------------------|------------|------------|-----------|---------------|------------|-------------|
| A-235053005 | A-235053005#2 | A-LCK5306 | A-23502021 | #2 | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| A-235053006 | A-235053006#3 | A-LCK5306 | A-23502022 | #3 | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| | A-5149261 | A-LCK5306 | A-23504936 | #4 | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| | A-235053005.005 | A-LCK5306 | A-5193732 | .005" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| | A-5149263 | A-LCK5306 | A-5193733 | .010" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| | A-5149264 | A-LCK5306 | A-5193734 | .020" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| | A-235053005.030 | A-LCK5306 | A-5193735 | .030" | 1.05" | A-5149234 (18.7:1) | | A-23514970 | A-5188406 | (2) A-5188405 | | |
| | A-235053007#2 | A-LCK5307 | A-23502021 | #2 | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| A-235053007 | A-235053007#3 | A-LCK5307 | A-23502022 | #3 | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| | A-235053007.001 | A-LCK5307 | A-23504936 | #4 | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| | A-235053007.005 | A-LCK5307 | A-5193732 | .005" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| | A-235053007.010 | A-LCK5307 | A-5193733 | .010" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| | A-235053007.020 | A-LCK5307 | A-5193734 | .020" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| | A-235053007.030 | A-LCK5307 | A-5193735 | .030" | 1.05" | A-5149236 (17:1) | | A-23514971 | A-5144495 | (2) A-5188405 | | |
| | A-23522473 | A-LCK22473 | A-23502024 | #2 | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522477 | A-LCK22473 | A-23502025 | #3 | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522479 | A-LCK22473 | A-23504935 | #4 | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522481 | A-LCK22473 | A-5107449 | .010" | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522483 | A-LCK22473 | A-5107450 | .020" | .95" | A-23521992 (17:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522485 | A-LCK22485 | A-23502021 | #2 | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522953 | A-LCK22485 | A-23502022 | #3 | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522489 | A-LCK22485 | A-23504936 | #4 | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522485.005 | A-LCK22485 | A-5193732 | .005" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522491 | A-LCK22485 | A-5193733 | .010" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522493 | A-LCK22485 | A-5193734 | .020" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522485.030 | A-LCK22485 | A-5193735 | .030" | 1.05" | A-23521992 (17:1) | A-23522070 | A-23522955 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522507 | A-LCK22507 | A-23502024 | #2 | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522509 | A-LCK22507 | A-23502025 | #3 | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522511 | A-LCK22507 | A-23504935 | #4 | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522513 | A-LCK22507 | A-5107449 | .010" | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522515 | A-LCK22507 | A-5107450 | .020" | .95" | A-23522026 (18.7:1) | A-23522070 | A-23522954 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522949 | A-LCK22949 | A-23502021 | #2 | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522947 | A-LCK22949 | A-23502022 | #3 | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522521 | A-LCK22949 | A-23504936 | #4 | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522949.005 | A-LCK22949 | A-5193732 | .005" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522951 | A-LCK22949 | A-5193733 | .010" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522952 | A-LCK22949 | A-5193734 | .020" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |
| | A-23522949.030 | A-LCK22949 | A-5193735 | .030" | 1.05" | A-23522026 (18.7:1) | A-23522070 | A-23526990 | A-5101120 | (2) A-5180250 | A-23501687 | A-8922221 |

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92 SERIES

IN-FRAME KITS

| PART # | DESCRIPTION | 6V | 8V | 12V | 16V | CYL KIT |
|---|--|----|----|------|------|------------|
| A-6V92-XH | 18:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | 1 | | | | A-23524345 |
| A-6V92-XHC | 18:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | 1 | | | | A-23524345 |
| A-6V92-XHT | 17:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | 1 | | | | A-23524339 |
| A-6V92-XHTC | 17:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | 1 | | | | A-23524339 |
| A-6V92-XHT-.95 | 17:1 Ratio / .95" Port / Wide Gap / Steel Cover | 1 | | | | A-23524341 |
| A-6V92-XHTC-.95 | 17:1 Ratio / .95" Port / Wide Gap / Cast Cover | 1 | | | | A-23524341 |
| A-6V92-XHTA | 17:1 Ratio / .95" Brushed / Wide Gap / Steel Cover | 1 | | | | A-23524340 |
| A-6V92-XHTAC | 17:1 Ratio / .95" Brushed / Wide Gap / Cast Cover | 1 | | | | A-23524340 |
| A-6V92-XHTC-17:1 | 17:1 Ratio / .85" Port / STD Gap / Cast Cover | 1 | | | | A-23524343 |
| A-8V92-XH | 18:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | | 1 | | | A-23524345 |
| A-8V92-XHC | 18:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | | 1 | | | A-23524345 |
| A-8V92-XHT | 17:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | | 1 | | | A-23524339 |
| A-8V92-XHTC | 17:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | | 1 | | | A-23524339 |
| A-8V92-XHT-.95 | 17:1 Ratio / .95" Port / Wide Gap / Steel Cover | | 1 | | | A-23524341 |
| A-8V92-XHTC-.95 | 17:1 Ratio / .95" Port / Wide Gap / Cast Cover | | 1 | | | A-23524341 |
| | | | | NOTE | NOTE | |
| NOTE: For 12V & 16V units individual components are available. | | | | | | |
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OVERHAUL KITS

| PART # | DESCRIPTION | 6V | 8V | 12V | 16V | CYL KIT |
|---|--|----|----|------|------|------------|
| A-6V92-XH-OH | 18:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | 1 | | | | A-23524345 |
| A-6V92-XHC-OH | 18:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | 1 | | | | A-23524345 |
| A-6V92-XHT-OH | 17:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | 1 | | | | A-23524339 |
| A-6V92-XHTC-OH | 17:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | 1 | | | | A-23524339 |
| A-6V92-XHT-.95-OH | 17:1 Ratio / .95" Port / Wide Gap / Steel Cover | 1 | | | | A-23524341 |
| A-6V92-XHTC-.95-OH | 17:1 Ratio / .95" Port / Wide Gap / Cast Cover | 1 | | | | A-23524341 |
| A-6V92-XHTC-17:1-OH | 17:1 Ratio / .85" Port / STD Gap / Cast Cover | 1 | | | | A-23524343 |
| A-8V92-XH-OH | 18:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | | 1 | | | A-23524345 |
| A-8V92-XHC-OH | 18:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | | 1 | | | A-23524345 |
| A-8V92-XHT-OH | 17:1 Ratio / 1.05" Port / Wide Gap / Steel Cover | | 1 | | | A-23524339 |
| A-8V92-XHTC-OH | 17:1 Ratio / 1.05" Port / Wide Gap / Cast Cover | | 1 | | | A-23524339 |
| A-8V92-XHT-.95-OH | 17:1 Ratio / .95" Port / Wide Gap / Steel Cover | | 1 | | | A-23524341 |
| A-8V92-XHTC-.95-OH | 17:1 Ratio / .95" Port / Wide Gap / Cast Cover | | 1 | | | A-23524341 |
| | | | | NOTE | NOTE | |
| NOTE: For 12V & 16V units individual components are available. | | | | | | |
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92 SERIES

ENGINE BEARINGS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|---------------------------------|----------------------------|
| A-5149572 | 6 | 8 | 12 | 16 | Connecting Rod Bearing STD | |
| A-5149575 | 6 | 8 | 12 | 16 | Connecting Rod Bearing .010" | |
| A-5149577 | 6 | 8 | 12 | 16 | Connecting Rod Bearing .020" | |
| A-5149579 | 6 | 8 | 12 | 16 | Connecting Rod Bearing .030" | |
| A-5149565 | 4 | 5 | 8 | 10 | Main Bearing STD | |
| A-5149567 | 4 | 5 | 8 | 10 | Main Bearing .010" | |
| A-5149568 | 4 | 5 | 8 | 10 | Main Bearing .020" | |
| A-8922118 | 4 | 5 | 8 | 10 | Main Bearing .030" | |
| A-5117005 | 4 | 4 | 4 | 4 | Thrust Washer STD | |
| A-5196753 | 4 | 4 | 4 | 4 | Thrust Washer .005" | |
| A-5196754 | 4 | 4 | 4 | 4 | Thrust Washer .010" | |
| A-141346 | 4 | 4 | 4 | 4 | Thrust Washer Dowel | |
| A-5111422 | 2 | 2 | 4 | 4 | Cam End Bearing | Rear (front & rear 12&16V) |
| A-5194858 | 2 | 2 | 4 | 4 | Cam End Bearing .010" USID | Rear (front & rear 12&16V) |
| A-5117984 | 2 | 2 | | | Cam End Bearing | Front |
| A-5197569 | 2 | 2 | | | Cam End Bearing .010" USID | Front |
| A-5196026 | 4 | 6 | 8 | 12 | Cam Intermediate Bearing STD | |
| A-5196027 | 4 | 6 | 8 | 12 | Cam Intermediate Brg .010" USID | |
| A-5115572 | 8 | 12 | 16 | 24 | Ring Lock | |
| A-5111424 | 4 | 4 | 4 | 8 | Cam Thrust Washer STD | |
| A-5194826 | 4 | 4 | 4 | 8 | Cam Thrust Washer .005" OS | |
| A-5194827 | 4 | 4 | 4 | 8 | Cam Thrust Washer .010" OS | |
| A-7451948 | 1 | 1 | 2 | 2 | Idler Gear Bearing | |
| A-5103534 | 6 | 6 | 12 | 12 | Idler Gear Bearing Lock Bolt | Do not reuse |
| | | | | | | |
| | | | | | | |
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ROCKER COVER MOUNTING

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|--------------------------------|-------------------------|
| A-5143405 | 2 | | 4 | | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5143406 | | 2 | | 4 | Rocker Cover Gasket - Neoprene | For stamped steel cover |
| A-5104018 | 2 | | 4 | | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5104081 | | 2 | | 4 | Rocker Cover Gasket - Silicone | For cast aluminum cover |
| A-5149510 | 2 | | 4 | | Cast Cover Installation Kit | |
| A-5149511 | | 2 | | 4 | Cast Cover Installation Kit | |
| A-5104015 | 4 | 4 | 8 | 8 | Cast Cover Hold Down Bolt | |
| A-5104515 | 4 | 4 | 8 | 8 | Cast Cover Isolator | |
| A-5104514 | 4 | 4 | 8 | 8 | Cast Cover Isolator Washer | |
| | | | | | | |
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92 SERIES

OVERHAUL GASKET SETS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|---|----|----|-----|-----|---------------------|--------------------|
| A-23512683 | 1 | | | | Overhaul Gasket Set | Coach applications |
| A-23512684 | 1 | | | | Overhaul Gasket Set | |
| A-23512685 | | 1 | | | Overhaul Gasket Set | |
| A-23512686 | | | 1 | | Overhaul Gasket Set | |
| A-23512687 | | | | 1 | Overhaul Gasket Set | |
| NOTE: The above sets do not include R/C gaskets or crankshaft seals and only basic cooler gaskets. | | | | | | |
| | | | | | | |
| | | | | | | |

HEAD GASKET SETS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|--|----|----|-----|-----|-----------------|------|
| A-5199673 | 2 | | 4 | | Head Gasket Set | |
| A-5199674 | | 2 | | 4 | Head Gasket Set | |
| NOTE: The above head sets sets do not include rocker cover gaskets. | | | | | | |
| | | | | | | |
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BLOWER GASKET SETS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------------------|------------------------|
| A-5149646 | 1 | | 2 | | Blower Installation Kit | Natural |
| A-5149641 | 1 | | 2 | | Blower Installation Kit | Turbocharged |
| A-5149644 | | 1 | | | Blower Installation Kit | Natural |
| A-5149643 | | 1 | | | Blower Installation Kit | Turbocharged |
| A-5149645 | | | | 1 | Blower Installation Kit | Natural & turbocharged |
| | | | | | | |
| | | | | | | |

LINER INSERTS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|--------------------------------------|------|
| A-5148612 | 6 | 8 | 12 | 16 | Liner Insert - .1188" - .1193" thick | |
| A-5148501 | 6 | 8 | 12 | 16 | Liner Insert - .1200" - .1205" thick | |
| A-5148611 | 6 | 8 | 12 | 16 | Liner Insert - .1212" - .1217" thick | |
| A-5101727 | 6 | 8 | 12 | 16 | Liner Insert - .1362" - .1367" thick | |
| | | | | | | |
| | | | | | | |

CRANKSHAFT ASSEMBLY

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------|--------------------|
| A-8926419 | 1 | | | | Crankshaft | RH engine rotation |
| A-8926425 | | 1 | | | Crankshaft | RH engine rotation |
| | | | | | | |
| | | | | | | |

92 SERIES

FRONT CRANKSHAFT SEALS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|--|----|----|-----|-----|--|---------------------------------|
| A-5115454 | 1 | 1 | | | Front Seal - Lip Type | |
| A-5114335 | | | 1 | 1 | Front Seal - Lip Type & | |
| A-5197860 | | | 1 | 1 | Front Seal - Lip Type # | |
| A-23514608 | 1 | 1 | | | Front Seal - Teflon / Directional | RH engine rotation |
| A-23512609 | 1 | 1 | | | Front Seal - Teflon / Directional | LH engine rotation |
| A-8927747 | | | 1 | 1 | Front Seal - Teflon / Directional & | RH engine rotation |
| A-8927749 | | | 1 | 1 | Front Seal - Teflon / Directional OS & | RH engine rotation use sleeve & |
| A-8927746 | | | 1 | 1 | Front Seal - Teflon / Directional & | LH engine rotation |
| A-8927748 | | | 1 | 1 | Front Seal - Teflon / Directional OS & | LH engine rotation use sleeve & |
| A-8927749 | | | 1 | 1 | Front Seal - Teflon / Directional # | RH engine rotation |
| A-8927748 | | | 1 | 1 | Front Seal - Teflon / Directional # | LH engine rotation |
| A-5198908 | | | 1 | 1 | Front Sleeve # | |
| A-23507225 | | | 1 | 1 | Front Sleeve & | |
| Note: # = For outboard front trunnion mount with bearing. & =For non-outboard trunnion units. | | | | | | |
| | | | | | | |
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REAR CRANKSHAFT SEALS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|--------------------------------------|-------------------------------------|
| A-5194462 | 1 | 1 | 1 | 1 | Rear Seal - Single Lip Type O/S | For dry hsg / use wear sleeve |
| A-5106329 | 1 | 1 | 1 | 1 | Rear Seal - Double Lip Type STD | For wet hsg |
| A-5198159 | 1 | 1 | 1 | 1 | Rear Seal - Double Lip Type O/S | For wet hsg / use wear sleeve |
| A-8926761 | 1 | 1 | 1 | 1 | Rear Seal - Teflon / Directional STD | RH eng. rot. / dry hsg |
| A-23501544 | 1 | 1 | 1 | 1 | Rear Seal - Teflon / Directional O/S | RH eng. rot. / dry hsg / use sleeve |
| A-23501610 | 1 | 1 | 1 | 1 | Rear Seal - Teflon / Directional STD | LH eng. rot. / dry hsg |
| A-23501545 | 1 | 1 | 1 | 1 | Rear Seal - Teflon / Directional O/S | LH eng. rot. / dry hsg / use sleeve |
| A-23507226 | 1 | 1 | 1 | 1 | O/S Rear Seal Sleeve | |
| | | | | | | |
| | | | | | | |

VIBRATION DAMPER

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|----------------------|-------------------|
| A-8922491 | | 1 | | | Damper - Viscous | 12.3" OD |
| A-8920653 | | | 1 | | Damper - Viscous | 13.5" OD |
| A-8924435 | | | | 1 | Damper - Viscous | 18" OD |
| A-5102957 | | 1 | | | Front Cone - .937" L | |
| A-23506876 | | 1 | | | Rear Cone - 1.40" L | Grooved |
| A-5104475 | | 1 | | | Rear Cone - 1.70" L | Grooved |
| A-23507297 | | 1 | | | Rear Cone - 2.22" L | Grooved |
| A-23503769 | | 1 | | | Seal Ring | For grooved cones |
| | | | | | | |
| | | | | | | |

92 SERIES

CYLINDER HEAD COMPONENTS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|----------------|----|----|-----|-----|---------------------------------|------------------------------|
| A-5149878 | | 2 | | 4 | Cylinder Head | |
| A-5149877 | 2 | | 4 | | Cylinder Head | |
| A-5149771 | 24 | 32 | 48 | 64 | Valve Kit | With locks |
| A-5111337 | 48 | 64 | 96 | 128 | Valve Lock | |
| A-5147347 | 24 | 32 | 48 | 64 | Valve Spring | |
| A-5117563 | 24 | 32 | 48 | 64 | Valve Spring Cap (retainer) | |
| A-5117562 | 24 | 32 | 48 | 64 | Valve Spring Seat | |
| A-5129919 | 24 | 32 | 48 | 64 | Valve Guide | |
| A-5129919+.002 | 24 | 32 | 48 | 64 | Valve Guide | .002" OS OD |
| A-5129919+.005 | 24 | 32 | 48 | 64 | Valve Guide | .005" OS OD |
| A-8921209 | 24 | 32 | 48 | 64 | Valve Guide Seal | Steel with teflon lip |
| A-5148490 | 24 | 32 | 48 | 64 | Valve Seat (Insert) STD | |
| A-5101315 | 24 | 32 | 48 | 64 | Valve Seat (Insert) .010" OS | |
| A-5148491 | 12 | 16 | 24 | 32 | Valve Bridge | |
| A-5129101 | 12 | 16 | 24 | 32 | Valve Bridge Adjuster Screw | |
| A-5151601 | 12 | 16 | 24 | 32 | Valve Bridge Lock Nut | |
| A-5117564 | 12 | 16 | 24 | 32 | Valve Bridge Guide | |
| A-5117564.006 | 12 | 16 | 24 | 32 | Valve Bridge Guide | .006" OS |
| A-5128640 | 18 | 24 | 36 | 48 | Push Rod | |
| A-5151601 | 18 | 24 | 36 | 48 | Push Rod Nut | |
| A-5108918 | 18 | 24 | 36 | 48 | Push Rod Spring | .177" wire dia. |
| A-5150302 | 18 | 24 | 36 | 48 | Push Rod Spring Seat - Upper | |
| A-5123250 | 18 | 24 | 36 | 48 | Push Rod Spring Seat - Lower | |
| A-5150303 | 18 | 24 | 36 | 48 | Push Rod Spring Retainer | |
| A-8924439 | 18 | 24 | 36 | 48 | Follower Assembly | |
| A-8923814 | 18 | 24 | 36 | 48 | Roller & Pin Set | |
| A-5106413 | 6 | 8 | 12 | 16 | Follower Guide | |
| A-443603 | 12 | 16 | 24 | 32 | Guide Bolt | |
| A-103319 | 12 | 16 | 24 | 32 | Guide Bolt Washer | |
| A-8925981 | 6 | 8 | 12 | 16 | Injector Tube Kit STD | With seal |
| A-8925981A | 6 | 8 | 12 | 16 | Injector Tube Kit OS | Thicker nose with seal |
| A-5172874 | 4 | 4 | 8 | 8 | Water Nozzle Single Jet | |
| A-8922388 | 8 | 12 | 16 | 24 | Water Nozzle Double Jet | |
| A-8923554 | 6 | 8 | 12 | 16 | Rocker Arm - Injector | MCB4355 repair kit available |
| A-5148472 | 6 | 8 | 12 | 16 | Rocker Arm Valve - Left | MCB7217 repair kit available |
| A-5148475 | 6 | 8 | 12 | 16 | Rocker Arm Valve - Right | MCB7217 repair kit available |
| A-8924355 | 6 | 8 | 12 | 16 | Injector Arm Bushing | Large |
| A-23517217 | 12 | 16 | 24 | 32 | Valve Arm Bushing | Large |
| A-8924354 | 18 | 24 | 36 | 48 | Injector & Valve Arm Bushing | Small |
| A-5123700 | 18 | 24 | 36 | 48 | Inj. & Valve Arm Clevis Bushing | |
| A-5150314 | 18 | 24 | 36 | 48 | Inj. & Valve Arm Clevis Pin | |
| A-23500714 | 6 | 8 | 12 | 16 | Rocker Shaft | |
| A-5103903 | 12 | 16 | 24 | 32 | Rocker Shaft Bracket (stand) | |
| A-5150325 | 12 | 16 | 24 | 32 | Rocker Shaft Bracket Bolt | |
| A-23511850 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Short | |
| A-23511851 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Long | |
| A-5117369 | 12 | 16 | 24 | 32 | Fuel Connector | |
| A-5125108 | 12 | 16 | 24 | 32 | Fuel Connector Washer | |
| A-8925804 | 8 | 10 | 14 | 20 | Exhaust Manifold Stud | |
| A-23505398 | 8 | 10 | 14 | 20 | Exhaust Manifold Nut | |
| A-5104439 | 4 | 6 | 10 | 12 | Exhaust Manifold Washer | |
| A-8927270 | 12 | 16 | 24 | 32 | Water Manifold Stud | |
| | | | | | | |
| | | | | | | |

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92 SERIES

FUEL INJECTOR & MOUNTING

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|--|----|----|-----|-----|---------------------------------|---------------------------|
| ***Refer to the INTERSTATE-McBEE FUEL INJECTION CATALOG for DETROIT DIESEL® for a complete listing of injector assemblies and components.*** | | | | | | |
| A-23511850 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Short | For offset body injectors |
| A-23511851 | 6 | 8 | 12 | 16 | Fuel Jumper Line - Long | For offset body injectors |
| A-23511853 | 6 | 8 | | | Fuel Jumper Line - Short "JAKE" | |
| A-23511854 | 6 | 8 | | | Fuel Jumper Line - Long "JAKE" | |
| A-5117369 | 12 | 16 | 24 | 32 | Fuel Connector | |
| A-5125108 | 12 | 16 | 24 | 32 | Fuel Connector Washer | |
| A-5121259 | 6 | 8 | 12 | 16 | Injector Clamp | For offset body injectors |
| A-5150250 | 6 | 8 | 12 | 16 | Injector Clamp Washer | |

FUEL PUMP

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|------------------------------|-----------------------|
| A-5199560 | 1 | 1 | 1 | 1 | Fuel Pump Assembly | LH standard capacity |
| R-5199560 | 1 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH standard capacity |
| A-5199735 | 1 | 1 | 1 | 1 | Fuel Pump Assembly | LH high capacity |
| R-5199735 | 1 | 1 | 1 | 1 | Fuel Pump Assembly - Rebuilt | LH high capacity |
| A-5195078 | 1 | 1 | 1 | 1 | Fuel Pump Repair Kit | For standard capacity |
| A-5149599 | 1 | 1 | 1 | 1 | Fuel Pump Repair Kit | For high capacity |
| A-5102257 | 1 | 1 | 1 | 1 | Fuel Pump Drive Fork | |
| A-5150193 | 1 | 1 | 1 | 1 | Fuel Pump Mounting Gasket | |
| A-5110760 | 1 | 1 | 1 | 1 | Fuel Primer Hand Pump | |

SHUTDOWN CONTROL

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------------|------|
| A-23504196 | 1 | 1 | 1 | 1 | Shutdown Solenoid - 12V | |
| A-23504197 | 1 | 1 | 1 | 1 | Shutdown Solenoid - 24V | |

GOVERNOR COMPONENTS

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------------------------|------------------------------|
| A-IDS29397 | 1 | 1 | 1 | 1 | Governor Repair Kit - Double Weight | For mechanical limiting unit |
| A-IDS02825 | 1 | 1 | 1 | 1 | Governor Repair Kit - Single Weight | For mechanical limiting unit |
| A-8924869 | 1 | 1 | 1 | 1 | Cover Gasket | Cover to governor housing |
| A-9431896 | 1 | 1 | 1 | 1 | Bearing | Operating shaft upper |
| A-9436682 | 1 | 1 | 1 | 1 | Bearing | Operating shaft lower |
| A-116337 | 1 | 1 | 1 | 1 | Expansion Plug - 11/16" | Under lower bearing |
| A-5165221 | 1 | 1 | 1 | 1 | Gasket | Weight shaft cap |
| A-9424121 | 1 | 1 | 1 | 1 | Bearing | For weight shaft |
| A-9437108 | 1 | 1 | 1 | 1 | Riser Bearing | |
| A-5147910 | 1 | 1 | 1 | 1 | Riser - .865"L | |
| A-8924266 | 1 | 1 | 1 | 1 | Governor Mounting Gasket | Governor to blower |
| A-8922593 | 1 | 1 | 1 | 1 | Spring Housing Gasket | |
| A-5117952 | 1 | 1 | 1 | 1 | Buffer Screw | |
| A-5174286 | 1 | 1 | 1 | 1 | Buffer Screw Nut | |
| A-8924267 | 2 | 2 | 2 | 4 | Control Link Hose - 13/16"L | Governor to head adaptor |
| A-5104556 | | | | 1 | Control Link Hose - .56"L | |
| A-5104592 | 4 | 4 | 4 | 8 | Hose Clamp | |

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92 SERIES

BLOWER & BLOWER DRIVE

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------------------------|------------------------------------|
| A-23514202 | 1 | 1 | 2 | 2 | Blower Repair Kit | |
| A-8924453 | 4 | 4 | 8 | 8 | End Plate Seal - OS | |
| A-5192439 | 4 | 4 | 8 | 8 | Rotor Shaft Sleeve | |
| A-23500533 | 1 | 1 | 2 | 2 | Blower Seal Kit | |
| A-5149646 | 1 | | 2 | | Blower Installation Kit | Natural |
| A-5149641 | 1 | | 2 | | Blower Installation Kit | Turbocharged |
| A-5149644 | | 1 | | | Blower Installation Kit | Natural |
| A-5149643 | | 1 | | | Blower Installation Kit | Turbocharged |
| A-5149645 | | | | 1 | Blower Installation Kit | All |
| A-8922666 | 1 | | 2 | | Blower Drive Shaft - 29T - w/spring | 4.89"L / .790" dia / TD / nitrided |
| A-8923052 | 1 | | 2 | | Blower Drive Shaft - 48T - w/spring | 4.89"L / .790" dia / TD / nitrided |
| A-8923053 | | 1 | | 2 | Blower Drive Shaft - 48T - w/spring | 6.67"L / .790" dia / TD / nitrided |
| A-8922634 | | 1 | | 2 | Blower Drive Shaft - 29T - w/spring | 6.67"L / .790" dia / TD / nitrided |
| A-5103377 | 1 | 1 | 1 | 2 | Drive Coupling | 48-teeth on blower gear |
| A-5103365 | 1 | 1 | 1 | 2 | --Cam | |
| A-5196314 | 1 | 1 | 1 | 2 | --Spring Pack | |
| A-23503682 | 1 | 1 | 1 | 2 | Drive Coupling | 29-teeth on blower gear |
| A-5141473 | 1 | 1 | 1 | 2 | Drive Coupling - Spring Plate Type | 48-teeth on blower gear |
| A-8922517 | 1 | 1 | 1 | 2 | Drive Coupling - Spring Plate Type | 29-teeth on blower gear |
| A-8920765 | 2 | 2 | 2 | 4 | Coupling Spring Plate | |
| A-5122914 | 1 | 1 | 1 | 2 | Drive Hub | 48-teeth |
| A-5123081 | 1 | 1 | 1 | 2 | Drive Hub w/ Accessory Drive Lugs | 48-teeth |
| A-8922518 | 1 | 1 | 1 | 2 | Drive Hub | 29-teeth |
| A-8922519 | 1 | 1 | 1 | 2 | Drive Hub w/ Accessory Drive Lugs | 29-teeth |
| A-8920764 | 2 | 2 | 2 | 4 | Hub Spring Plate | |
| A-5139545 | 1 | 1 | 1 | 1 | Accessory Drive Coupling | |

TURBOCHARGER & AFTERCOOLER MOUNTING

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------------------|--------------------------|
| A-5103394 | 1 | 1 | AR | AR | Mounting Gasket | TO4 model turbo |
| A-8929529 | 1 | 1 | AR | AR | Mounting Gasket | T18A & TV6/7 model turbo |
| A-9411981 | 4 | 4 | AR | AR | Lock Nut 3/8-24 | |
| A-5170466 | 1 | 1 | AR | AR | Oil Inlet Gasket | |
| A-5170468 | 1 | 1 | AR | AR | Oil Drain Gasket | |
| A-5147911 | 2 | 2 | AR | AR | Air Outlet Hose Clamp | 3.5" dia |
| A-5147912 | 2 | 2 | AR | AR | Air Outlet Hose Clamp | 3.375" dia |
| A-5162888 | 1 | 1 | AR | AR | Air Outlet Hose | 3.5"ID x 2.25"L |
| A-8926957 | 1 | 1 | AR | AR | Air Outlet Hose | 4"ID x 2.375"L |
| A-5101138 | 4 | 4 | 8 | 8 | Aftercooler Seal Ring | |
| A-5137620 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 3.82" dia |
| A-5146165 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 3.88" dia |
| A-5137619 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 4.50" dia |
| A-5132650 | AR | AR | AR | AR | Exhaust Tube Clamp (marmon) | 5.25" dia |

92 SERIES

OIL PUMP

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------------|--------------------|
| A-5196602 | 1 | 1 | | | Gear Set | 1.302" width gears |
| A-8927135 | 1 | 1 | | | Drive Gear - 37 teeth | |
| A-8928545 | 1 | 1 | | | Key 3/16 x 7/8 | |

OIL RELIEF & REGULATOR

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-----------------|------|
| A-8922740 | 2 | 2 | 2 | 3 | Valve | |
| A-5126327 | 2 | 2 | 2 | 3 | Spring - 2.96"L | |
| A-5126326 | | | | 1 | Spring - 2.57"L | |

OIL FILLER & DIPSTICK

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------------------------|-----------------------|
| A-5117362 | 1 | 1 | AR | AR | Filler Cap - 2" diameter | Expansion rubber type |
| A-5146679 | 1 | 1 | 1 | 1 | Dipstick - Universal Unmarked | 61"L expansion type |
| A-5146680 | 1 | 1 | 1 | 1 | Dipstick - Universal Unmarked | 72"L cane handle type |

OIL COOLER

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|------------------------|----------------------------|
| A-8547195 | AR | AR | | | Cooler Core - 18-plate | Single stack |
| A-8547236 | AR | | | | Cooler Core - 13-plate | Single stack |
| A-8547237 | AR | AR | AR | AR | Cooler Core - 24-plate | Double stack |
| A-8547547 | AR | AR | | | Cooler Core - 16-plate | Single stack |
| A-8547552 | | | AR | AR | Cooler Core - 32-plate | Double stack |
| A-8547554 | | | AR | | Cooler Core - 12-plate | Single stack / double base |
| A-8547561 | | AR | AR | | Cooler Core - 24-plate | 12-engine & 12-marine gear |

WATER PUMP

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|--------------------|------|
| A-23506852 | 1 | 1 | | | Rebuild Kit | |
| A-23506871 | | | 1 | 1 | Rebuild Kit | |
| A-23505995 | 1 | 1 | | | Impeller | |
| A-23506000 | | | 1 | | Impeller | |
| A-23506002 | | | | 1 | Impeller | |
| A-23522434 | 1 | 1 | 1 | 1 | Unitized Seal | |
| A-23506053 | 1 | 1 | 1 | 1 | Shaft | |
| A-23503687 | 1 | 1 | 1 | 1 | Bearing Inner | |
| A-23503649 | 1 | 1 | 1 | 1 | Bearing Outer | |
| A-23501819 | 1 | 1 | 1 | 1 | Oil Seal | |
| A-221436 | 1 | 1 | 1 | 1 | Flatwasher | |
| A-274746 | 1 | 1 | 1 | 1 | Lock Ring | |
| A-5117972 | 1 | 1 | 1 | 1 | Lock Nut | |
| A-5117975 | 1 | 1 | 1 | 1 | Cover Gasket | |
| A-5117976 | | | 1 | | Cover Gasket | |
| A-23505239 | | | | 1 | Cover Gasket | |
| A-5103544 | 1 | 1 | 1 | | Mounting Seal Ring | |
| A-5109515 | | | | 1 | Mounting Gasket | |

92 SERIES

THERMOSTAT

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|----|-----|-----|-------------------|--------------------------|
| A-5102112 | 2 | 2 | 4 | 4 | Thermostat 160° F | Full blocking / use seal |
| A-23503826 | 2 | 2 | 4 | 4 | Thermostat 170° F | Full blocking / use seal |
| A-23503825 | 2 | 2 | 4 | 4 | Thermostat 180° F | Full blocking / use seal |
| A-5132155 | 2 | 2 | 4 | 4 | Seal | Use with full blocking |
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RAW WATER PUMP & HEAT EXCHANGER

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------------------------|---------------------------|
| A-5197222 | 1 | 1 | 1 | 1 | Reconditioning Kit | Pumps #5122599,#23507972 |
| A-5196846 | 1 | 1 | 1 | 1 | Impeller Replacement Kit | Impeller #8924839 |
| A-5197224 | 1 | 1 | 1 | 1 | Reconditioning Kit | Pumps #5115396,#23507971 |
| A-5194860 | 1 | 1 | 1 | 1 | Impeller Replacement Kit | Impeller #8924839 |
| A-8517479 | 2 | 2 | 2 | 2 | Electrode Assembly - 2 1/8" L | At pump inlet & exchanger |
| A-8515850 | 2 | 2 | 2 | 2 | Electrode Assembly - 3 3/8" L | In exchanger |
| | | | | | | |
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AIR COMPRESSOR DRIVE

| PART # | 6V | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|----|-----|-----|-------------|---------------|
| A-5170450 | 1 | 1 | 1 | 1 | Drive Plate | On drive gear |
| A-5141773 | 1 | 1 | 1 | 1 | Coupling | |
| A-5144866 | 1 | 1 | 1 | 1 | Hub | On compressor |
| | | | | | | |
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92 SERIES

GASKET LISTING

| DESCRIPTION | NOTE | PART# | 6V | 8V | 12V | 16V |
|------------------------------------|-------------------------|------------|----|----|-----|-----|
| Aftercooler Seal Ring | | A-5101138 | 4 | 4 | 8 | 8 |
| Air Box Cover Gasket | Small cover | A-8923792 | 2 | 4 | 8 | 8 |
| Air Box Cover Gasket | Large cover | A-8923791 | 2 | 2 | 2 | 4 |
| Air Inlet Housing Gasket | To blower with screen | A-5103515 | 1 | | 2 | |
| Air Inlet Housing Gasket | To blower with screen | A-5103602 | | 1 | | 2 |
| Air Inlet Housing Gasket | To blower no screen | A-5102062 | | 1 | | 2 |
| Air Inlet Housing Gasket | To blower with screen | A-5103601 | | | | |
| Air Inlet Housing Rectangular Seal | On top of blower | A-5104978 | 1 | 1 | | |
| Air Inlet Housing Seal | On top of blower | A-5101419 | 2 | 2 | | |
| Exhaust Manifold Gasket | Metal clad | A-5122866 | 2 | | | |
| Exhaust Manifold Gasket | Metal clad | A-5120224 | | 4 | 4 | 8 |
| Exhaust Manifold Gasket | Metal clad | A-5120223 | | | 2 | |
| Exhaust Manifold Gasket | Metal clad 6 bolt hole | A-8925587 | | | 2 | |
| Flywheel Housing Cover Gasket | Large hole | A-23515145 | 2 | 2 | 3 | 3 |
| Flywheel Housing Cover Gasket | Small hole (star) | A-5104507 | 4 | 4 | 5 | 5 |
| Flywheel Housing Gasket | | A-5144875 | 1 | 1 | 1 | 1 |
| Front Cover Gasket | Upper | A-5123638 | 1 | 1 | | |
| Front Cover Gasket | Lower | A-5121714 | 1 | 1 | | |
| Front Gear Housing Gasket | | A-5144875 | | | 1 | 1 |
| Fuel Pump Mounting Gasket | | A-5150193 | 1 | 1 | 1 | 1 |
| Governor Cover Gasket | Mechanical governor | A-8924869 | 1 | 1 | 1 | 1 |
| Oil Pan Gasket | | A-23503588 | 1 | | | |
| Oil Pan Gasket | | A-5117231 | | 1 | | |
| Oil Pan Gasket | Sub pan to block | A-8920608 | | | 1 | |
| Oil Pan Gasket - Lower | Sump to sub pan | A-5125635 | | | 1 | |
| Oil Pan Sump Gasket | Round steel sump cover | A-5124796 | | | 1 | |
| Oil Pan Gasket Kit | Sub pan to block | A-5126562 | | | | 1 |
| Oil Pan Gasket - Lower | Front sump to sub pan | A-5150115 | | | | 2 |
| Oil Pan Gasket - Lower | Rear sump to sub pan | A-5150116 | | | | 2 |
| Oil Pickup Tube Gasket | | A-5117242 | 1 | 1 | | |
| Oil Pickup Tube Gasket | | A-5123241 | | | 1 | |
| Oil Regulator & Relief Gasket | | A-5117269 | 2 | 2 | 2 | 2 |
| Oil Regulator & Relief Gasket | | A-29503153 | | | 1 | 1 |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143405 | 2 | | | |
| Rocker Cover Gasket - Neoprene | For steel cover | A-5143406 | | 2 | | 4 |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104018 | 2 | | 4 | |
| Rocker Cover Gasket - Silicone | For cast aluminum cover | A-5104081 | | 2 | | 4 |
| Rocker Cover Isolator | For cast aluminum cover | A-5104515 | 4 | 4 | 8 | 8 |
| Starter Gasket | For wet housings | A-5130995 | 1 | 1 | 1 | 1 |
| Thermostat Housing Cover Gasket | | A-5117786 | 2 | 2 | | |
| Thermostat Housing Cover Gasket | Rapid warm housing | A-5133450 | 2 | 2 | | |
| Thermostat Housing Cover Gasket | | A-5175989 | | | 2 | 2 |
| Turbocharger Mounting Gasket | TO4 model turbo | A-5103394 | | | AR | AR |
| Turbocharger Mounting Gasket | TV model turbo | A-8929529 | 1 | 1 | AR | AR |
| Turbocharger Oil Gasket | Supply | A-5170466 | 1 | 1 | AR | AR |
| Turbocharger Oil Gasket | Drain TO4 model turbo | A-5138977 | 1 | 1 | AR | AR |
| Turbocharger Oil Gasket | Drain TV model turbo | A-5170468 | 1 | 1 | AR | AR |
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149 SERIES

CYLINDER COMPONENTS

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|---------------------------------------|-----------------------|
| A-23502388 | 8 | 12 | 16 | Piston Crown | 16:1 wide fire ring |
| A-23502389 | 8 | 12 | 16 | Piston Crown | 15:1 narrow fire ring |
| A-23502390 | 8 | 12 | 16 | Piston Crown | 16:1 narrow fire ring |
| A-23502671 | 8 | 12 | 16 | Piston Crown | 17:1 narrow fire ring |
| A-23502672 | 8 | 12 | 16 | Piston Crown | 17:1 wide fire ring |
| A-8928932 | 8 | 12 | 16 | Ring Set - T / TI - Low Sulfur | Narrow fire ring |
| A-23522936 | 8 | 12 | 16 | Ring Set - Natural 17:1 - Low Sulfur | Narrow fire ring |
| A-23501524 | 8 | 12 | 16 | Ring Set - T / TI - High Sulfur | Wide fire ring |
| A-23522937 | 8 | 12 | 16 | Ring Set - Natural 17:1 - High Sulfur | Wide fire ring |
| A-5138135 | 8 | 12 | 16 | Liner STD | 1.15" port |
| A-5149060 | AR | AR | AR | Liner .002" OS | 1.15" port |
| A-23502356 | 8 | 12 | 16 | Liner STD | .85" port |
| A-23523189 | 8 | 12 | 16 | Cylinder Installation Kit | |
| A-5144912 | 8 | 12 | 16 | Piston Skirt | |
| A-8924099 | 8 | 12 | 16 | Crown Seal | |
| A-8926002 | 8 | 12 | 16 | Piston Pin | |
| A-5101323 | 16 | 24 | 32 | Piston Pin Retainer | |
| A-23520852 | 8 | 12 | 16 | Slipper Bearing | |
| A-5101198 | 16 | 24 | 32 | Liner Seal Ring | |
| A-23504149 | 16 | 24 | 32 | Pin Bolt | |
| A-5141126 | 16 | 24 | 32 | Pin Bolt Spacer | |

ENGINE BEARINGS

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|-----------|----|-----|-----|-----------------------------|------|
| A-5198547 | 8 | 12 | 16 | Rod Bearing - STD | |
| A-5199105 | 8 | 12 | 16 | Rod Bearing - .010" | |
| A-5199106 | 8 | 12 | 16 | Rod Bearing - .020" | |
| A-5199107 | 8 | 12 | 16 | Rod Bearing - .030" | |
| A-5149096 | 4 | 6 | 8 | Main Bearing - Narrow STD | |
| A-5198615 | 1 | 2 | 2 | Main Bearing - Wide STD | |
| A-5149111 | 4 | 6 | 8 | Main Bearing - Narrow .010" | |
| A-5199110 | 1 | 2 | 2 | Main Bearing - Wide .010" | |
| A-5149113 | 4 | 6 | 8 | Main Bearing - Narrow .020" | |
| A-5199112 | 1 | 2 | 2 | Main Bearing - Wide .020" | |
| A-5149115 | 4 | 6 | 8 | Main Bearing - Narrow .030" | |
| A-5199114 | 1 | 2 | 2 | Main Bearing - Wide .030" | |
| A-5138992 | 4 | 4 | 4 | Thrust Washer | |
| A-141359 | 4 | 4 | 4 | Thrust Washer Pin | |
| A-5140203 | 32 | 48 | 64 | Cam Bearing | |
| A-9424926 | 2 | 2 | 2 | Cam Gear Bearing | |
| A-9424929 | 3 | 3 | 3 | Idler Gear Bearing | |
| A-5139143 | 2 | 2 | 2 | Blower Drive Bushing | |

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149 SERIES

GASKET SETS

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|--------------|----|-----|-----|-------------------------|----------------------------------|
| A-23516642 | 1 | | | Overhaul Gasket Set | Complete w/ tube style head sets |
| A-23516494 | | 1 | | Overhaul Gasket Set | Minus head sets |
| A-23516494CO | | 1 | | Overhaul Gasket Set | Complete w/ tube style head sets |
| A-23516493 | | | 1 | Overhaul Gasket Set | Minus head sets |
| A-23516493CO | | | 1 | Overhaul Gasket Set | Complete w/ tube style head sets |
| A-5149597 | 8 | 12 | 16 | Head Set | Tube & ferrule style |
| A-23522737 | 8 | 12 | 16 | Head Set | Integral seal STD |
| MCB149HBK | 8 | 12 | 16 | Head Bolt Kit | Bolts & washers for one head |
| A-23500485 | 1 | | | Blower Installation Kit | |
| A-5199524 | | 2 | | Blower Installation Kit | |
| A-5199526 | | | 2 | Blower Installation Kit | |

CYLINDER HEAD COMPONENTS

3/8" VALVE STEM WITH ADJUSTABLE BRIDGE

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|-----------------------------|--------------------------------|
| A-8921205 | 32 | 48 | 64 | Valve Kit | Valve and locks "J6" |
| A-8928729 | 32 | 48 | 64 | Valve & Cap Kit | Valve, spring cap & locks "U" |
| A-8926328 | 32 | 48 | 64 | Valve & Cap Kit | Valve, spring cap & locks "J6" |
| A-23505104 | 32 | 48 | 64 | Valve Guide | |
| A-5144008 | 32 | 48 | 64 | Valve Stem Seal | |
| A-5139982 | 32 | 48 | 64 | Valve Seat - STD | |
| A-8924798 | AR | AR | AR | Valve Seat - .010" OS | |
| A-23512120 | 32 | 48 | 64 | Valve Spring | |
| A-8925202 | 32 | 48 | 64 | Valve Spring Cap | |
| A-8925203 | 64 | 96 | 128 | Valve Locks | |
| A-5199528 | 8 | 12 | 16 | Injector Tube Kit | |
| A-5138378 | 8 | 12 | 16 | Injector Rocker Arm Roller | |
| A-5138656 | 8 | 12 | 16 | Injector Rocker Arm Pin | |
| A-5138644 | 8 | 12 | 16 | Injector Rocker Arm Bushing | |
| A-5138651 | 16 | 24 | 32 | Valve Rocker Arm Roller | |
| A-5138513 | 16 | 24 | 32 | Valve Rocker Arm Pin | |
| A-5138370 | 16 | 24 | 32 | Valve Rocker Arm Bushing | |
| A-5138643 | 24 | 36 | 48 | Rocker Arm Button | |
| A-8929607 | 24 | 36 | 48 | Rocker Arm Adjuster Screw | |
| A-5176830 | 24 | 36 | 48 | Adjuster Screw Jam Nut | 3/8-24 |
| A-5104243 | 12 | 24 | 32 | Bridge | |
| A-5129101 | 12 | 24 | 32 | Bridge Adj. Screw | 5/16-24x1.00" |
| A-5151601 | 12 | 24 | 32 | Jam Nut | 5/16-24 |
| MCB149HBK | 8 | 12 | 16 | Head Bolt Kit | Bolts & washers for one head |
| A-23516958 | 2 | 3 | 4 | Head Bolt Kit 4 Heads | |

149 SERIES

ROCKER COVER MOUNTING

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|------------------------------|------|
| A-23507345 | 2 | | 4 | Rocker Cover Gasket | |
| A-23507344 | | 4 | | Rocker Cover Gasket | |
| A-23508779 | 2 | | 4 | Rocker Cover Seal | |
| A-23508780 | | 4 | | Rocker Cover Seal | |
| A-5104015 | 8 | 16 | 16 | Rocker Cover Hold Down Bolt | |
| A-8929255 | 8 | 16 | 16 | Rocker Cover Isolator | |
| A-5104514 | 8 | 16 | 16 | Rocker Cover Isolator Washer | |

CRANKSHAFT SEALS

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|-----------------------------|-----------------------------|
| A-23505760 | 1 | 1 | 1 | Seal Directional w/Dust Lip | Front R.H. rotation engines |
| A-23507976 | 1 | 1 | 1 | Seal Directional | Rear R.H. rotation engines |
| A-23507976 | 1 | 1 | 1 | Seal Directional | Front L.H. rotation engines |
| A-23505760 | 1 | 1 | 1 | Seal Directional w/Dust Lip | Rear L.H. rotation engines |
| A-23501875 | 1 | 1 | 1 | Rear Seal Lip Type | Use with A-5198553 sleeve |
| A-5198553 | 1 | 1 | 1 | Rear Sleeve | |

BLOWER

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|--------------------|---------|
| A-23509236 | 1 | 2 | 2 | Blower Repair Kit | |
| A-23509313 | 2 | 2 | 2 | Seal Kit | |
| A-5139043 | 1 | | 1 | Drive Shaft - Rear | 9.90"L |
| A-5138959 | | 1 | | | 10.70"L |

THERMOSTAT

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|---------------------------|--------------------------|
| A-23503827 | 6 | 6 | 6 | Thermostat 160° F | Full blocking / use seal |
| A-23503826 | 6 | 6 | 6 | Thermostat 170° F | Full blocking / use seal |
| A-5132155 | 6 | 6 | 6 | Seal | Use with full blocking |
| A-5139501 | 2 | 2 | 2 | Thermostat Housing Gasket | |

SIDE ACCESS GASKETS

| PART # | 8V | 12V | 16V | DESCRIPTION | NOTE |
|------------|----|-----|-----|--------------------------|--------|
| A-8927618 | 6 | 8 | 12 | Block Hand Hole Gasket | |
| A-23506132 | 4 | 4 | 8 | Block Water Cover Gasket | |
| A-8927620 | 4 | 12 | 8 | Oil Pan Hand Hole Gasket | Single |
| A-8927619 | 2 | | 4 | Oil Pan Hand Hole Gasket | Double |