



MARINE

FRICITION MATERIAL & TRANSMISSION PARTS



PLEASURE | WORK BOATS | FISHING | PLEASURE | WORK BOATS | FISHING | PLEASURE | WORK BOATS | FISHING |

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VELVET DRIVE® S5000, S5000 "V" Drive

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|------------------|--|--------------|-------------------------|
| 340800 | 2001-410-001 | OVERHAUL KIT S5000 Includes Gaskets, Orings, Metal Clad Seals and Sealing Rings | 1 | |
| 340800V | 2002-410-001 | OVERHAUL KIT S5000 V Drive Includes Gaskets, Orings, Metal Clad Seals and Sealing Rings | 1 | |
| 340901 | NL | MASTER OVERHAUL KIT S5000 Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 340901V | NL | MASTER OVERHAUL KIT S5000 V Drive Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 340750 | NL | CLUTCH PLATE MODULE Includes 16 Bronze Plates and 18 Steel Plates | 1 | |
| 340702 | 2001-666-001 | Friction - Drive | 16 | Bronze .066 |
| 340703 | 2001-166-002 | Steel - Drive | 14 | Flat .077 |
| 340705 | 2001-062-002 | Steel | 4 | Flat .044 |
| 340020 | 2001-045-005 | Gasket - Front Pump S5000 & V Drive | 1 | |
| 340021 | 2001-045-003 | Gasket - Valve Housing S5000 & V Drive | 1 | |
| 340021V | 2002-045-002 | Gasket - Adapter - V Drive | 1 | |
| 018101 | 2000-016-050 | Sealing Ring - Pinion Carrier | AR | S5000 1Pc,V Drive 4 Pcs |
| 340101 | 1000-016-021 | Sealing Ring - In Shaft | AR | S5000 1Pc,V Drive 2 Pcs |
| 340420 | 1000-044-065 | Metal Clad Seal - Adapter S5000 & V Drive | 2 | |
| 340421 | 1000-044-066 | Metal Clad Seal - Coupling S5000 | 1 | |
| 340422 | 2000-044-003 | Metal Clad Seal - Output Shaft Side V Drive | 1 | |
| 340423 | 2000-044-004 | Metal Clad Seal - Output Flange Side V Drive | 1 | |
| 010045 | 1000-141-045 | Oring - Piston | 2 | |
| 010123 | 1000-141-123 | Oring - Control Valve | 1 | |
| 010130B | 1000-141-130 | Oring - Clutch Piston | 2 | |
| 010214 | 1000-141-214 | Oring - Tube Assembly | 1 | |
| 010241 | 1000-141-241 | Oring - Clutch Piston | 2 | |
| 340051 | 1000-016-020 | Seal - Piston In | 2 | |
| 340052 | 1000-016-019 | Seal - Piston Out | 2 | |
| 340251 | 1000-139-069 | Snap Ring | 2 | |
| 340252 | 1000-139-071 | Snap Ring | 1 | |
| 340253 | 1000-139-068 | Snap Ring | 5 | |
| 340350 | 2001-123-9001 | Control Valve | 1 | |
| 099328 | 1000-640-004 | Neutral Safety Switch | 1 | |
| 023320 | 1000-149-034 | Nut - Output Shaft with Washer | 1 | |
| 340321 | 2001-031-001 | Output Flange | 1 | |
| 340940 | 2001-238-001 | Filter - Oil Screen | 1 | |

VELVET DRIVE® 71 & 72

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|------------------|--|--------------|--------------|
| 023801 | 10-17-410-002 | GASKET SET (Includes Rubber Parts) | 1 | |
| 023801B | A4867HA | OVERHAUL KIT (Includes Gasket Set) | 1 | |
| 023901LS | NL | BANNER KIT Includes Overhaul Kit and Bronze Plates | 1 | |
| 023901 | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 023750D | NL | CLUTCH PLATE MODULE Includes 10 Bronze Plates and 6 Steel Plates | 1 | |
| 023750H | NL | CLUTCH PLATE MODULE - VD71 Only Includes 7 Bronze Plates and 5 Steel Plates | 1 | |

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| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|------------------------|---|-------|-------------------|
| 023752D | NL | FRICION PLATE MODULE Includes 10 Bronze Plates | 1 | |
| 023755 | A4867AE | 10-17 FORWARD CLUTCH PACK Only Includes Forward Clutch Bronze Plates, Steel Plates and Front & Rear Pressure Plates | 1 | |
| 023755A | A4867AB | 10-18 FORWARD CLUTCH PACK Only Includes Forward Clutch Bronze Plates, Steel Plates and Front & Rear Pressure Plates | 1 | |
| 049722 | W-1597A | Friction Forward Small K2 (Grooved) | 5-7 | HEG .063 |
| 049700BR | 5C-A66A | Friction Forward Small | 5-7 | Bronze .060 |
| 023701 | 3-176 | Steel Forward Small | 4-6 | Flat .068 |
| 023701A | 10-16-166-001 | Steel Forward Small (3 Teeth missing) | 4-6 | Flat .068 |
| 023701-040 | NL | Steel Forward Small - Selective | AR | Flat .040 |
| 023701-120 | NL | Steel Forward Small - Hi-Performance | AR | Flat .047 |
| 023701-140 | NL | Steel Forward Small - Hi-Performance | AR | Flat .058 |
| 023703 | 3-65 | Steel Forward - MODEL 73 Only | | Dish .068 |
| 023760 | 5C-175A | Pressure Plate Forward/ Front | 1 | |
| 023761 | 5L-67 | Pressure Plate Forward/Rear | 1 | |
| 023738 | 10-17-666-001 | Friction Reverse Large | 1-3 | Fiber .115 |
| 023738BR | 72-A66B | Friction Reverse Large | 1-3 | Bronze .115 |
| 023738BR155 | 72-A66 | Friction Reverse Large | 2 | Bronze .061 |
| 023739 | 72-176 | Steel Reverse Large | 0-2 | Flat .070 |
| 023767 | 3-37 | Steel Forward Belleville Spring | 1 | Dish |
| 023323 | 4547AY | Coupling 5 - MODEL 10-18 Only | 1 | |
| 023324 | 4547BA | Coupling 4 - MODEL 10-17 Only | 1 | |
| 023327 | 1000-031-001 | Coupling - Current Reduction | 1 | Fine Spline |
| 023328 | 4912 | Coupling - Early Reduction | 1 | Fine Spline |
| 023543-075 | 4BX-A | Coupling Shaft VD71/72 4" X .75 Bore | | |
| 023543-087 | 4BX-AA | Coupling Shaft VD 71/72 4" X .875 Bore | | |
| 023543-125 | 4865DD 4BX-D | Coupling Shaft VD 71/72 4" X 1.25 Bore | | |
| 023559-125 | 4886D 5AX-D | Coupling Shaft VD 71/72 5" X 1.25 Bore | | |
| 023559-137 | NA | Coupling Shaft VD71/72 5" X 1.375 Bore | | |
| 023559-150 | NA | Coupling Shaft VD71/72 5" X 1.50 Bore | | |
| 023020 | 71-144B | Gasket - Forward/Reverse Adapter | 1 | |
| 023021 | L4-145 | Gasket - Front Adapter | 1 | |
| 023022 | 71-14 | Gasket - Valve Cover | 1 | |
| 023023 | L4-146 | Gasket - Rear Adapter | 1 | |
| 023024 | L4-147 | Gasket - Rear Retainer - Reduction Early | 1 | |
| 023025 | 71-147 | Gasket - Rear Retainer - MODEL 10-17 | 1 | |
| 023026 | 72-147 | Gasket - Rear Retainer - MODEL 10-18 | 1 | |
| 023002 | 3-61 | Seal - Front Pump | 1 | |
| A38001 | 4805A | Seal - Reverse Clutch Outer | 1 | |
| 023054A | 5L-36 | Seal - Forward Clutch Outer | 1 | |
| 010210A | 4804H | Oring - Control Valve | 1 | |
| 010226B | 5M122 | Oring - Forward Clutch Inner | 1 | |
| 010226B | 4804G | Oring - Reverse Inner | 1 | |
| 023941 | 1000-238-002 72C-98 | Filter - Oil | 1 | |
| 099328 | 1000-640-004 | Neutral Safety Switch | 1 | |
| 023185 | 71-79B | Shift Lever | 1 | |
| 099329 | 1000-140-004 | Switch - Oil Temperature 190° | 1 | |
| 099329A | 87-88031 | Switch - Oil Temperature 230° | 1 | |
| 099329B | 1000-140-002 | Switch - Oil Temperature 260° | 1 | |
| 018101 | 4806B TAW-408 | Sealing Ring - Pinion Carrier | 4 | 2.0 x .0935 HJ |
| 038105 | 4806J TAW-1320 | Sealing Ring - Drive Gear | 2 | 1.7465 x .0935 HJ |
| 023420 | 1000-044-014 | Metal Clad Seal - Front Pump | | OD: 53mm/2.08" |

VELVET DRIVE® 71 & 72

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|--------------------------|---|-------|--|
| | UE-0282E | | | |
| 023422 | 1000-044-017 UH-0049E | Metal Clad Seal - Coupling | | OD: 83mm/3.271" Late Type Reduction |
| 023421 | 71C-110 UH-0341E | Metal Clad Seal - Coupling | | OD: 68mm/2.69" Early Type Reduction |
| 023320 | 1000-149-034 | Output Shaft Nut - Coupling Nut with Washer | | All Late Reduction Units |
| 023321 | 4775L | Nut - Ouput Shaft Coupling (Fits 4" & 5" couplings) | 1 | |
| 023604 | NL | Sealing Ring Kit : Contains 4 Pc 018101, 2 Pc. 038105 | | |
| 023252 | 4822 | Snap Ring - Reverse Gear | 1 | |
| 023253 | R6A-7-1/2 | Snap Ring - Drive Gear Large MODEL 10-17 Only | 1 | |
| 023255 | 4734 | Snap Ring - Drive Gear Small MODEL 10-17 Only | 2 | |
| 023258 | 1000-139-048 | Snap Ring - Ring Gear Yellow MODEL 10-17 | 1 | .033-.037 |
| 023258-130 | 1000-139-049 | Snap Ring - Ring Gear Pink MODEL 10-17 | 1 | .050-.054 |
| 023276 | 71-97 | Spring - Reverse Pressure Plate | 11 | |
| 023277 | 71-242 | Spring - Valve Regulator | | |
| 023350 | 71C1A60 | Oil Pump | 1 | |
| 023350A | 71CA60 1004-508-101 | Oil Pump | 1 | |
| 023359 | 1017-036-002 | Oil Baffle 71C | | |
| 023325 | B308AGS 1000-130-018 | Roller Bearing | 1 | |
| 023326 | 6007J | Ball Bearing- Forward | 1 | |
| 023322 | 4840D | Needle Bearing - Forward & Reverse Adapter | 1 | |
| 023351 | 1017-559-001 | Dipstick | | |
| 023258A130 | 4768 | Snap Ring - Ring Gear Green MODEL 10-18 | 2 | .050-.054 |
| 023247 | 71-28C (4867VVKIT) | Bushing - Case Housing Forward/Reverse | 2 | |
| 023248 | 71-9C (4867DDKIT) | Bushing - Carrier Assembly | 2 | |
| 023196 | 71-17 | Thrust Washer | 1 | |
| 023187 | 1016-193-001 | Washer | 1 | |
| 023188 | 71-15B | Washer | 1 | |
| 023189 | 73C-15 | Thrust Washer | 1 | |

VELVET DRIVE® 71 & 72 "V" Drive

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|--------------|--|-------|-------|
| 023801CB | 1308-410-001 | OVERHAUL KIT Includes Gasket Set, Orings, Metald Clad Seals and Nut | 1 | |
| 023027 | 1308-045-001 | Gasket - V DRIVE Housing Up to 1991 | 1 | |
| 023028 | 1308-045-004 | Gasket - V DRIVE Housing 1992-On | 1 | |
| 023029 | 1308-045-002 | Gasket - V DRIVE Trans | 1 | |
| 023030 | 1308-045-003 | Gasket | 1 | |
| 010235B | 1000-141-235 | Oring - Pre-Load Cap | 2 | |
| 023421 | 71C-110 | Metal Clad Oil Seal - Output UP to 1989 | 1 | |
| 023422 | 1000-044-017 | Metal Clad Oil Seal - Output 1990-On | 1 | |
| 023320 | 1000-149-034 | Nut - Output Shaft | 1 | |
| 023335 | 1308-410-015 | Flange Kit - V DRIVE Conversion Kit | 1 | |
| 023332 | 1308-027-005 | Flange - Housing | 1 | |
| 023333 | 942-1652 | Bolt - Flange Housing | 6 | |

VELVET DRIVE® 71 & 72 "V" Drive

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|--------|-----------------------|--|---|--|
| 023335 | 1308-410-015 25662 | Flange Kit - V DRIVE Conversion Kit HEAVY DUTY | 1 | |
|--------|-----------------------|--|---|--|

VELVET DRIVE® 71 & 72 Damper Assemblies

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|-------------------------|---|-------|-------|
| DA-101 | 1004-650-001 | 13" x 7/8" Diameter, 8 bolt, 10 springs, 26 Teeth | 1 | |
| DA-102 | 1004-650-002 AS4-K1C | 6.18" OD, 1.353 Spline, Red spring, 26 Teeth | 1 | |
| DA-103 | 1004-650-003 | 8.0" OD, 1.35 Spline (8 Equally Spaced Holes), 26 Teeth | 1 | |
| DA-106 | 1004-650-006 AS4-K2C | 6.66" RAD (Triangle), 1.353 Spline, Red spring, 26 Teeth | 1 | |
| DA-106A | 120-8-1446 AS8-K2C | 6.66" RAD Same as DA-106 except w/Cut Off Rounded Ears, 26 Teeth | 1 | |
| DA-107 | 1004-650-007 AS7-K2C | 13.25" OD Fits Engines up to 430 C.U. 1.353 spline, Purple spring, 26 Teeth | 1 | |
| DA-108 | 1004-650-008 AS5-K2C | 13.25: OD Fits Engines up to 370 C.U., White spring, 26 Teeth | 1 | |
| DA-302 | 2301-650-001 | 157mm X 123mm 10/23/29 Teeth DIN 5464, 10 Teeth 45 Degree x 8 | 1 | |
| 023151A | 1013-037-002 | Shim | 1 | .005" |
| 023151B | 1013-037-004 | Shim | 1 | .009" |
| 023151C | 1308-037-009 | Shim | 1 | .020" |

PRM-NEWAGE Model 175-750

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|-----------|------------------------------------|-------|-------------------------------------|
| 326700BR | MT725/S | FR NEWAGE INNER DRIVE PLATE BRONZE | 7 | Brz Spiral 1.55mm/.061" 24 Teeth |

BORG WARNER

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|-----------------------|--------------|-------|-------|
| ATK026-1001 | 53269706497 861260 | Marine Turbo | | |

**BORG WARNER (CR-2) / VELVET DRIVE
1013/14 DROP CENTER**

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-----------|--------------|--|-------|-------------|
| 023801DB | 1013-410-001 | OVERHAUL KIT Includes Gaskets, Metal Clad Seals and Sealing Rings | 1 | |
| 023901B | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 023901BLS | NL | BANNER KIT Includes Overhaul Kit and Bronze Plates | 1 | |
| 023750D | NL | CLUTCH PLATE MODULE Includes 10 Bronze Plates and 6 Steel Plates | 1 | |
| 049700BR | 5C-A66A | Friction Forward | 5-7 | Bronze .060 |
| 023738BR | 72A-66B | Friction Reverse | 1-3 | Bronze .115 |
| 023701 | 3-176 | Steel Forward | 4-6 | Flat .068 |
| 023739 | 72-176 | Steel Reverse | 1-2 | Flat .070 |

**BORG WARNER (CR-2) / VELVET DRIVE
1013/14 DROP CENTER**

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|----------------|------------------------------|-------|-------|
| A38001 | 4805A | Seal - Reverse Clutch Outer | 1 | |
| 023054A | 5L-36 | Seal - Forward Clutch Outer | 1 | |
| 023002 | 3-61 | Seal - Front Pump | 1 | |
| 023020 | 71-144B | Gasket - Case & Adapter | 1 | |
| 023022 | 71-14 | Gasket - Valve Cover | 1 | |
| 023041 | 1013-045-002 | Gasket - Reduction Housing | 1 | |
| 023042 | 1013-045-001 | Gasket - Adapter | 1 | |
| 010210A | 4804H | Oring - Control Valve | | |
| 010226B | 5M-122 | Oring - Forward Clutch Inner | | |
| 010226B | 4804G | Oring - Reverse Clutch Inner | | |
| 023420 | 1000-044-014 | Metal Clad Seal - Front Pump | | |
| 023428 | 1000-044-003 | Metal Clad Seal - Coupling | | |
| 023111 | 4806S 4806L | Sealing Ring - Teflon | 2 | |
| 038105 | 4806J | Sealing Ring | 5 | |
| 023315 | 1013-053-011 | Spacer | | |
| 023316 | 1013-053-010 | Spacer | | |

VELVET DRIVE ® S500

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------|-----------------------|-------|-----------|
| 044701 | 1023-166-001 | Steel Forward/Reverse | 7 | Flat .071 |

VELVET DRIVE ® 1500

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------|--------------------------|-------|-------|
| 027700 | 1023-666-003 | Friction Forward/Reverse | | |
| 027701 | 1023-166-002 | Steel Forward | | |

VELVET DRIVE ® 7000

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------|--------------------------|-------|------------|
| 023748 | 1026-666-001 | Friction Forward/Reverse | 15 | Fiber .061 |
| 023749 | 1026-166-001 | Steel Forward/Reverse | 15 | Flat .068 |

PARAGON MODELS P21, P31, OW1 (SN5M-P)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|-----------|--|-------|---------------------------------|
| 023809DB | Z-7601 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals and Sealing Rings | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023909D | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023750E | KN-10031X | CLUTCH PLATE MODULE Includes 6 Bronze Plates and 7 Steel Plates | 1 | |
| 049700BR | 11759 | Friction | 6 | Bronze .060 |
| 023751 | 11758 | Steel | 7 | Flat .060 |
| 023031 | 12640 | Gasket - Front | 1 | |
| 023032 | 12227 | Gasket - Cover | 1 | SN5M-5P |
| 023034 | 11083 | Gasket - Rear | 1 | |
| 010320B | 16196 | Oring | 1 | |

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PARAGON MODELS P21, P31, OW1 (SN5M-P)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|-----------|---------------------------------|-------|-------|
| 010256B | 10280 | Oring - Outer | 1 | |
| 010223A | 11352 | Oring - Forward & Rear Coupling | 2 | |
| 010236B | 12221 | Oring - Reverse Piston | 1 | |
| 010116B | 12222 | Oring - Piston | 1 | |
| 010028A | 11769 | Oring - Control Valve | 1 | |
| 010114B | 11779 | Oring - Relief Valve | 1 | |
| 010019B | 11683 | Oring | 2 | |
| 023425 | 11791 | Metal Clad Seal - Front Pump | 1 | |
| 023427 | 2XE-446A | Metal Clad Seal - Rear | 1 | |
| 023110 | HF-1094 | Sealing Ring - Collar | 2 | |
| 023099 | 11573 | Washer - Seal | 1 | |
| 023501 | 11240 | Clip | 2 | |
| 023502 | 11237 | Lock Screw | 2 | |

PARAGON MODELS P32A-P35B, P22-P25, OW2-OW5 (SN5M-5P & 6A & LATER)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|------------------|---|-------|------------------------------------|
| 023809 | NL | GASKET SET Includes Paper and Rubber Parts Only | 1 | |
| 023809AB | Z-7988 Z-7603 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals and Sealing Rings | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023909A | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023750E | | CLUTCH PLATE MODULE Includes 6 Bronze Plates, 7 Steel Plates, 2 Clips and 2 Screws | 1 | |
| 049700BR | 11759 | Friction | 6-8 | Bronze .060 |
| 023751 | 11758 | Steel | 7-9 | Flat .060 |
| 023031 | 12640 | Gasket - Front | 1 | |
| 023032 | 12227 | Gasket - Cover | 1 | SN5M-5P |
| 023032A | 12576 | Gasket - Cover | 1 | SN6A & Later |
| 023034 | 11083 | Gasket - Rear | 1 | |
| 023039 | RA20-15A | Gasket - Reduction | 1 | 1.5:1 & 2:1 Only |
| 023040 | RB20-15A | Gasket - Reduction | 1 | 2.5:1 & 3:1 Only |
| 023321 | 13000 | Nut - Ouput Shaft Coupling (Fits 4" & 5" couplings) | 1 | |
| 010256B | 10280 | Oring - Outer | 1 | |
| 010223A | 11352 | Oring - Forward & Rear Coupling | 2 | |
| 010236B | 12221 | Oring - Reverse Piston | 1 | |
| 010116B | 12222 | Oring - Piston | 1 | |
| 010028A | 11769 | Oring - Control Valve | 1 | |
| 010114B | 11779 | Oring - Relief Valve | 1 | |
| 010019B | 11683 | Oring | 2 | |
| 023425 | 11791 | Metal Clad Seal - Front Pump | 1 | |
| 023423 | 11518 | Metal Clad Seal - Coupling | 1 | |
| 023110 | HF-1094 | Sealing Ring - Collar | 2 | |
| 023099 | 11573 | Washer - Seal | 1 | |
| 023501 | 11240 | Clip | 2 | |
| 023502 | 11237 | Lock Screw | 2 | |

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PARAGON MODELS P34-P35, P42-P45 (SN5M-5P & 6A & LATER)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|------------------|---|-------|------------------------------------|
| 023809 | NL | GASKET SET Includes Paper and Rubber Parts Only | 1 | |
| 023809B | Z-7988 Z-7603 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals and Sealing Rings | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023909 | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023750G | KN-10031 | CLUTCH PLATE MODULE Includes 8 Bronze Plates, 9 Steel Plates, 2 Clips and 2 Screws | 1 | |
| 049700BR | 11759 | Friction | 6-8 | Bronze .060 |
| 023751 | 11758 | Steel | 7-9 | Flat .060 |
| 023031 | 12640 | Gasket - Front | 1 | |
| 023032 | 12227 | Gasket - Cover | 1 | SN5M-5P |
| 023032A | 12576 | Gasket - Cover | 1 | SN6A & Later |
| 023034 | 11083 | Gasket - Rear | 1 | |
| 023039 | RA20-15A | Gasket - Reduction | 1 | 1.5:1 & 2:1 Only |
| 023040 | RB20-15A | Gasket - Reduction | 1 | 2.5:1 & 3:1 Only |
| 023321 | 13000 | Nut - Ouput Shaft Coupling (Fits 4" & 5" couplings) | 1 | |
| 010256B | 10280 | Oring - Outer | 1 | |
| 010223A | 11352 | Oring - Forward & Rear Coupling | 2 | |
| 010236B | 12221 | Oring - Reverse Piston | 1 | |
| 010116B | 12222 | Oring - Piston | 1 | |
| 010028A | 11769 | Oring - Control Valve | 1 | |
| 010114B | 11779 | Oring - Relief Valve | 1 | |
| 010019B | 11683 | Oring | 2 | |
| 023425 | 11791 | Metal Clad Seal - Front Pump | 1 | |
| 023423 | 11518 | Metal Clad Seal - Coupling | 1 | |
| 023110 | HF-1094 | Sealing Ring - Collar | 2 | |
| 023099 | 11573 | Washer - Seal | 1 | |
| 023501 | 11240 | Clip | 2 | |
| 023502 | 11237 | Lock Screw | 2 | |

PARAGON MODEL P41 (SN5M-5P & 6A & LATER)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|------------------|---|-------|------------------------------------|
| 023809EB | Z-7802 Z-7987 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023909E | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | SN5M-5P |
| 023909F | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | SN6A & Later |
| 023750J | NL | CLUTCH PLATE MODULE Includes 7 Bronze Plates, 8 Steel Plates, 2 Clips and 2 Screws | 1 | |
| 049700BR | 11759 | Friction | 7-8 | Bronze .060 |
| 023751 | 11758 | Steel | 8-9 | Flat .060 |
| 023031 | 12640 | Gasket - Front | 1 | |

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PARAGON MODEL P41 (SN5M-5P & 6A & LATER)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|-----------|---|-------|--------------|
| 023032 | 12227 | Gasket - Cover | 1 | SN5M-5P |
| 023032A | 12576 | Gasket - Cover | 1 | SN6A & Later |
| 023036 | P11397 | Gasket - Reverse-Gear Ring | 1 | |
| 023321 | 13000 | Nut - Ouput Shaft Coupling (Fits 4" & 5" couplings) | 1 | |
| 010256B | 10280 | Oring - Outer | 1 | |
| 010223A | 11352 | Oring - Forward & Rear Coupling | 2 | |
| 010236B | 12221 | Oring - Reverse Piston | 1 | |
| 010116B | 12222 | Oring - Piston | 1 | |
| 010028A | 11769 | Oring - Control Valve | 1 | |
| 010114B | 11779 | Oring - Relief Valve | 1 | |
| 010019B | 11683 | Oring | 2 | |
| 023425 | 11791 | Metal Clad Seal - Front Pump | 1 | |
| 023426 | RB446 | Metal Clad Seal - Coupling | 1 | |
| 023110 | HF-1094 | Sealing Ring - Collar | 2 | |
| 023099 | 11573 | Washer - Seal | 1 | |
| 023501 | 11240 | Clip | 2 | |
| 023502 | 11237 | Lock Screw | 2 | |

PARAGON MODEL P200, 300, 400

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|-----------|------------------|-------|-------------|
| 049700BR | 11759 | Friction Forward | 6-8 | Bronze .060 |
| 023751 | 11758 | Steel Forward | 7-9 | Flat .060 |

PARAGON MODEL HF7 (Direct Drive)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|------------------|---|-------|------------------------------------|
| 023809EB | Z-7802 Z-7987 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | Combo Fits SN5M-5P & 6A & Later |
| 023909E | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | SN5M-5P |
| 023909F | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | SN6A & Later |
| 023750J | NL | CLUTCH PLATE MODULE Includes 7 Bronze Plates, 8 Steel Plates, 2 Clips and 2 Screws | 1 | |
| 049700BR | 11759 | Friction | 7-8 | Bronze .060 |
| 023751 | 11758 | Steel | 8-9 | Flat .060 |
| 023031 | 12640 | Gasket - Front | 1 | |
| 023032 | 12227 | Gasket - Cover | 1 | SN5M-5P |
| 023032A | 12576 | Gasket - Cover | 1 | SN6A & Later |
| 023036 | P11397 | Gasket - Reverse-Gear Ring | 1 | |
| 023321 | 13000 | Nut - Ouput Shaft Coupling (Fits 4" & 5" couplings) | 1 | |
| 010256B | 10280 | Oring - Outer | 1 | |
| 010223A | 11352 | Oring - Forward & Rear Coupling | 2 | |
| 010236B | 12221 | Oring - Reverse Piston | 1 | |
| 010116B | 12222 | Oring - Piston | 1 | |
| 010028A | 11769 | Oring - Control Valve | 1 | |
| 010114B | 11779 | Oring - Relief Valve | 1 | |

PARAGON MODEL HF7 (Direct Drive)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|-----------|------------------------------|-------|-------|
| 010019B | 11683 | Oring | 2 | |
| 023425 | 11791 | Metal Clad Seal - Front Pump | 1 | |
| 023426 | RB446 | Metal Clad Seal - Coupling | 1 | |
| 023110 | HF-1094 | Sealing Ring - Collar | 2 | |
| 023099 | 11573 | Washer - Seal | 1 | |
| 023501 | 11240 | Clip | 2 | |
| 023502 | 11237 | Lock Screw | 2 | |

PARAGON MODEL HJ7

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|-----------|---|-------|-------------|
| 023809BB | Z-7401 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | |
| 023911 | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 023750J | NL | CLUTCH PLATE MODULE Includes 7 Bronze Plates, 8 Steel Plates, 2 Clips and 2 Screws | 1 | |
| 049700BR | 11759 | Friction | 7 | Bronze .060 |
| 023751 | 11758 | Steel | 8 | Flat .060 |
| 023031 | Z-12640 | Gasket - Front Housing | 1 | |
| 023037 | Y-11767 | Gasket - Cover Housing | 1 | |
| 023321 | 13000 | Nut - Ouput Shaft Coupling (Fits 4" & 5" couplings) | 1 | |
| 010019B | X-11683 | Oring | 1 | |
| 010028A | X-11769 | Oring - Control Valve | 1 | |
| 010114B | X-11779 | Oring - Relief Valve | 1 | |
| 010148B | X-11777 | Oring | 1 | |
| 010223A | X-11352 | Oring - Coupling | 1 | |
| 010256B | X-10280 | Oring - Outer | 1 | |
| 023425 | X-11791 | Metal Clad Seal - Front | 1 | |
| 023426 | RB446 | Metal Clad Seal - Rear | 1 | |
| 023096 | X-11726 | Washer - Seal | 1 | |
| 023097 | 11176 | Washer - Seal | 6 | |
| 023098 | 11353 | Washer - Seal | 6 | |
| 023099 | 11573 | Washer - Seal Detent | 1 | |
| 023110 | HF-1094 | Sealing Ring - Oil Dist. | 2 | |
| 023501 | 112409 | Clip | 2 | |
| 023502 | 11237 | Lock Screw | 2 | |

MERCUISER II-TR, S

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|--|------------------|-------|-------------|
| 049700-216 | C9AP-7B164SEL B-62691A1-KIT | Friction Forward | 1 | Fiber .0876 |
| 023701 | C8AZ-7B442A B-62691A1-KIT | Steel Forward | 4 | Flat .068 |
| 049700 | E0AZ-7B164A C9AZ-7B164A B6AZ-7B164R B5AZ-7B164B 3193139 3186574 | Friction | | Tan PL .061 |
| 049700BR | 5C-A66A | Friction | | Bronze .061 |

MARINE CATALOG

ALTO PRODUCTS CORP.

MERCUISER II-TR, S

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|----------------------------|-------------------------|-------|---------------------------------------|
| | B5AZ-7B164A B6AZ-7B164A | | | |
| 049700BR235 | NL | Friction | | Bronze .093 |
| 023738BR | 72-A66B | Friction | | Bronze .115 |
| 023739 | 72-176 | Steel | | Flat |
| 023358 | 809910 | Oil Pan for Stern Drive | | Black 12mm Plug Thread without Baffle |

CAPITOL HYDRASMOOTH

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|-----------|------------------------|-------|------------|
| 087700 | 17-80032 | Friction Direct Small | 9 | Fiber .072 |
| 087701 | 17-80029 | Steel Direct Small | AR | Flat .071 |
| 087711 | 17-80029 | Steel Direct Small | AR | Flat .061 |
| 087702 | 17-80031 | Friction Reverse Large | 5 | Fiber .092 |

CAPITOL MARINE

HY400, 6900, HY7700, 24000, 25000

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------|-------------|-------|-------------|
| 305700 | 1-00230-4900 | Friction | 12-14 | Bronze .155 |
| 305701 | 1-00233-1200 | Steel | 12-14 | Flat .091 |

5HD-200, HE 10200, 10700, 11200, 11720

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|--------------|-------------|-------|-------------|
| 305702 | 1-00230-2000 | Friction | 12-14 | Bronze .135 |
| 305703 | 1-00233-0070 | Steel | 12-14 | Flat .095 |
| 305703-390 | 1-00229-1700 | Steel | 1 | Flat .155 |

M105, 125

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------|-------------|-------|-------------|
| 305704 | 1-14186-0000 | Friction | 12 | Bronze .125 |
| 305705 | 1-14185-0000 | Steel | 12 | Flat .065 |

TWIN DISC MG-502

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|-----------|--------------------------|-------|----------------------|
| 332701 | B3337 | Steel Forward/Reverse | 18 | 52 Teeth Flat .051 |
| 332700 | B3336A | Friction Forward/Reverse | 16 | 79 Teeth Bronze .085 |

TWIN DISC MG-506

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|-----------|--------------------------|-------|--------------------|
| 332703 | 204097 | Steel Forward/Reverse | 18 | 42 Teeth Flat .061 |
| 332702 | B3060B | Friction Forward/Reverse | 16 | Bronze .085 |

TWIN DISC MG-509-512

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|----------------------------|--|-------|--------------------|
| 332705-200 | 4720762 | Steel Forward/Reverse - MG-509 Only 2.mm | 14 | 45 Teeth Flat .079 |
| 332704 | A-4480A,B,M P-4251A,B,C | Friction Forward/Reverse - MG-509 & MG-512 | 14 | Bronze .112 |

MARINE CATALOG

ALTO PRODUCTS CORP.

TWIN DISC MG-514A, B, C

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|-----------|-------------------------------|-------|-------------|
| 332709 | A-6567E | Steel MG-514A, MG-514B - Late | | Step .091 |
| 332709 | A-6567E | Steel MG-514C | | Step .091 |
| 332706 | A-6566E | Friction - All Models | 14 | Bronze .122 |

TWIN DISC (Various)

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|-----------|---|-------|-------------|
| 332708 | 206177M | Friction | | |
| 332711-228 | 215736 | Steel - MG-518 | | Flat .090 |
| 332712 | 206106X | Friction - MG-518 | | Grn WF .125 |
| 332502UP26 | B3073C | Drive Block, Rubber - Large (Pack of 26 Pcs.) | 26 | |
| 332503UP26 | A3905E | Drive Block, Rubber - Small (Pack of 26 Pcs.) | 26 | |

HURTH MARINE HBW 5, 50, 100

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|-----------|---|-------|-------------------|
| 316801B | 500427 | GASKET SET Includes Paper and Rubber Parts Only | 1 | |
| 316901 | 500437 | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316750 | NL | CLUTCH PLATE MODULE Includes 8 Bronze Plates, 6 Steel Plates | 1 | |
| 316700 | 288757 | Friction | 8 | Bronze .063 |
| 316701 | 288758 | Steel | 6 | Flat .056 |
| 316003 | 288739 | Gasket | 4 | |
| 316005 | 254716 | Gasket - Shift Cover | 1 | |
| 316410 | 106864 | Metal Seal - Lever | 1 | OD: 26mm ID: 20mm |
| 316401 | 280135 | Metal Seal | 1 | OD: 37mm ID: 27mm |
| 316402 | 105153 | Metal Seal | 1 | OD: 45mm ID: 32mm |
| 2000950 | 105524 | Oring - Shift Shaft HBW-50 | 1 | |
| 2401230 | 105679 | Oring - Intermediate Shaft HBW-100 | 1 | |
| 316187-396 | 288748 | Thrust Washer (OE Design) | 2 | |
| 316645 | | Shim Kit - Bearing (Contains 1 Each Shim) | 1 | |

HURTH MARINE HBW 10, 150

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|-----------|--|-------|-------------|
| 316803B | 500428 | GASKET SET Includes Gaskets, Orings and Metal Clad Seals | 1 | |
| 316903 | 500438 | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316903A | NL | MASTER OVERHAUL KIT - LATE Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316750A | NL | CLUTCH PLATE MODULE Includes 8 Bronze Plates, 6 Steel Plates | 1 | |
| 316750E | NL | CLUTCH PLATE MODULE - LATE Includes 8 Bronze Plates, 8 Steel Plates | 1 | |
| 316702 | 288912 | Friction | 8 | Bronze .063 |
| 316703 | 187872 | Steel | 6 | Flat .056 |
| 316703-100 | NL | Steel - Thin | 8 | Flat .039 |
| 316002 | 254715 | Gasket | 4 | |

MARINE CATALOG

ALTO PRODUCTS CORP.

HURTH MARINE HBW 10, 150

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|-----------|------------------------------------|-------|-------------------|
| 316005 | 254716 | Gasket - Shift Cover | 1 | |
| 316410 | 106864 | Metal Clad Seal - Lever | 1 | OD: 26mm ID: 20mm |
| 316403 | 215875 | Metal Clad Seal - Front | 1 | OD: 52mm ID: 30mm |
| 316404 | 105159 | Metal Clad Seal - Rear | 1 | OD: 52mm ID: 40mm |
| 3001400 | 105530 | Oring - Intermediate Shaft HBW 150 | 1 | |
| 316188 | 344787 | Thrust Washer | 2 | |

HURTH MARINE HBW 150V

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|-----------|--|-------|-------------------|
| 316803VB | 500429 | GASKET SET Includes Gaskets, Orings, Metal Clad Seals, Sealing Rings | 1 | |
| 316903V | 500439 | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316903VA | NL | MASTER OVERHAUL KIT - LATE Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316750A | NL | CLUTCH PLATE MODULE Includes 8 Bronze Plates, 6 Steel Plates | 1 | |
| 316750E | NL | CLUTCH PLATE MODULE - LATE Includes 8 Bronze Plates, 8 Steel Plates | 1 | |
| 316702 | 288912 | Friction | 8 | Bronze .063 |
| 316703 | 187872 | Steel | 6 | Flat .056 |
| 316703-100 | NL | Steel - Thin | 8 | Flat .039 |
| 316002 | 254715 | Gasket | 2 | |
| 316005 | 254716 | Gasket - Shift Cover | 1 | |
| 316410 | 106864 | Metal Clad Seal - Lever | 1 | OD: 26mm ID: 20mm |
| 316403 | 215875 | Metal Clad Seal - Front | 1 | OD: 52mm ID: 30mm |
| 316406 | 401647 | Metal Clad Seal - Rear | 2 | OD: 90mm ID: 65mm |
| A10030B | 105590 | Oring | 1 | |
| A10029A | 291618 | Oring | 2 | |

HURTH MARINE HBW 20, 220, 250

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|------------------|---|-------|-------------------|
| 316805B | 500430 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals, Sealing Rings | 1 | |
| 316905 | 500440 | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316750B | NL | CLUTCH PLATE MODULE Includes 10 Bronze Plates, 8 Steel Plates | 1 | |
| 316704 | 288889 | Friction | 10 | Bronze .063 |
| 316705 | 206026 | Steel | 8 | Flat .056 |
| 316001 | 274251 | Gasket | 4 | |
| 316410 | 106864 | Metal Clad Seal - Lever | 1 | OD: 26mm ID: 20mm |
| 316404 | 105159 | Metal Clad Seal | 1 | OD: 52mm ID: 40mm |
| 316405 | 284260 | Metal Clad Seal | 1 | OD: 90mm ID: 65mm |
| 316189 | 327395 277109 | Oring | 1 | |

HURTH MARINE Damper Assemblies

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|-------------------------|---|--------------|--------------|
| DA-301 | 947-77-601-02 254750 | 121.5mm X 100mm 10/23/29 Teeth DIN 5464, 10 Teeth 45 Degree x 8 | 1 | |
| DA-302 | 947-44-601-03 254762 | 152mm x 123mm 10/23/29 Teeth DIN 5464 w/DOWEL PIN HOLES 45 Degree x 8 | 1 | |
| DA-303 | 288240 | 157mm X 123mm 10/23/29 Teeth DIN 5464, 10 Teeth 72 Degree x 5 | 1 | |
| DA-304 | 1866-061-002 | 6 3/16" x 1 11/32" Diameter, 5 bolt holes, 6 springs, 26 teeth | 1 | |
| DA-305 | 1866-052-002 | 5.962/151.44 Diameter, 1-1/4" Diameter (spline) 8 Bolt Holes, 6 Springs, 26 Teeth (5.59"/142mm from center to center of bolt holes) | 1 | |

HURTH MARINE HSW 800 SERIES (Reduction) & V DRIVE

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|--------------------------------|---|--------------|-------------------|
| 316807CB | NA | OVERHAUL KIT - (800 REDUCTION) Includes Gaskets, Orings, Metal Clad Seals, Sealing Rings | 1 | |
| 316807BB | NL | OVERHAUL KIT - (V DRIVE) Includes Gaskets, Orings, Metal Clad Seals, Sealing Rings | 1 | |
| 316907A | 500435 | MASTER OVERHAUL KIT - (800 REDUCTION) Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316907AV | NL | MASTER OVERHAUL KIT - (V DRIVE) Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316750D | NL | CLUTCH PLATE MODULE - (800 REDUCTION AND V DRIVE) Includes 10 Bronze Plates and 12 Steel Plates | 1 | |
| 316708 | 97827315013 455-786, 813319 | Friction | 10 | Bronze .079 |
| 316709 | 97827314013 455-787, 813320 | Steel | 12 | Wave .067 |
| 316004 | 27-813301 408-388 | Gasket - Shift Cover | 1 | |
| 316405 | 26-813286 413-883 | Metal Clad Seal - Input | 1 | OD: 52mm ID: 35mm |
| 316407A | 634319104 | Metal Clad Seal - Output - REDUCTION | 1 | OD: 95mm ID: 73mm |
| 316408A | 105-113 | Seal - Output V DRIVE | 1 | 105 X 130 X 12 |
| 316409A | 480-762 | Seal - Output V DRIVE | 1 | 80 X 100 X 10 |
| 316940A | 438337 | Filter | 1 | |
| FK316940 | 463772 | Filter Kit - Includes Filter & 2 Orings | | |
| 010614A | 25-813406 105-542 | Oring - Inner Filter Cover | 1 | |
| A10046A | 25-813407 442-731 | Oring - Outer Filter Cover | 1 | |
| 1581496 | 25-813329 105-571 | Oring - Output Flange | 1 | |
| 010611A | NL | Oring - Control Valve | 2 | |
| 316102 | 53-813312 447-038 | Sealing Ring - Shaft | 3 | |

HURTH MARINE HSW 630 (Hydraulic) & 630 V DRIVE

HURTH MARINE HSW 630 (Hydraulic) & 630 V DRIVE

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|----------------------------------|--|-------|--|
| 316807B | NL | OVERHAUL KIT - (630 HYDRAULIC) Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | |
| 316807AB | 500-423 | OVERHAUL KIT - (630 V DRIVE) Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | |
| 316907 | NL | MASTER OVERHAUL KIT - (630 HYDRAULIC) Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316907V | NL | MASTER OVERHAUL KIT - (630 V DRIVE) Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 316750C | NL | CLUTCH PLATE MODULE - (630 HYD & 630 V DRIVE) Includes 8 Bronze Plates and 10 Steel Plates | 1 | |
| 316708 | 97827315013 455-786 813319 | Friction | 8 | Bronze 2.0mm / .079 OD: 134mm / 5.27 36 Teeth |
| 316709 | 97827314013 455-787 813320 | Steel | 10 | Wave 1.77mm / .067 ID: 96.5mm / 3.8 |
| 316004 | 27-813301 408-388 | Gasket - Shift Cover | 1 | |
| 316405 | 26-813286 413883 | Metal Clad Seal - Input | 1 | OD: 52mm ID: 35mm |
| 316407 | 26-813292 442-135 | Metal Clad Seal - Output | 1 | OD: 72mm ID: 55mm |
| 316940A | 438337 | Filter | 1 | |
| FK316940 | 463772 | Filter Kit - Includes Filter & 2 Orings | 1 | |
| 010614A | 25-813406 105-542 | Oring - Inner Filter Cover | 1 | |
| A10046A | 25-813407 442-731 | Oring - Outer Filter Cover | 1 | |
| 1581496 | 25-813329 105571 | Oring - Output Flange | 1 | |
| 010611A | 101-101 | Oring - Control Valve | 2 | |
| 316102 | 53-813312 447-038 | Sealing Ring - Shaft | 3 | |
| 316408 | 444-070 | Seal - Output V DRIVE | 1 | 85 x 110 x 12 |
| 316409 | 444-071 | Seal - Output V DRIVE | 1 | 65 x 85 x 12 |

HURTH MARINE HSW 450A-2

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|-----------|--|-------|---|
| 315800 | NL | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | |
| 315900 | NL | MASTER OVERHAUL KIT Includes Overhaul Kit, Bronze Plates and Steel Plates | 1 | |
| 315750 | NL | CLUTCH PLATE MODULE Includes 8 Bronze Plates, 10 Steel Plates | 1 | |
| 315700BR | 489120 | Friction | 8 | Bronze 1.7mm / .066 OD: 110mm / 4.325 27 Teeth |
| 315701 | 489119 | Steel | 10 | Wave 1.5mm / .059 ID: 85mm / 3.335 6 Teeth |
| 316004 | 408388 | Gasket - Control Block | 1 | |
| 315401 | 374056 | Metal Clad Seal - Output Shaft | 1 | 45 x 62 x 8 |

HURTH MARINE HSW 450A-2

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|----------|-----------|---|-------|-----------------|
| 315402 | 500065 | Metal Clad Seal - Dist. Shaft | 1 | 30 x 43 x 8/9.5 |
| 316405 | 413883 | Metal Clad Seal - Input Shaft | 1 | 52 x 35 x 8 |
| 1581181 | 105559 | Oring - Output Shaft | 1 | |
| 316940A | 438337 | Filter | 1 | |
| FK316940 | 463772 | Filter Kit - Includes Filter & 2 Orings | 1 | |

HURTH MARINE / ZF IRM 220, 220A

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|------------------------|--|-------|-------------|
| 322800 | 3205199501 | OVERHAUL KIT Includes Gaskets, Orings, Metal Clad Seals & Sealing Rings | 1 | |
| 322700-220 | 3205302057 | Friction Forward & Reverse | 22 | Bronze .087 |
| 322701-140 | 3205302062 | Steel Forward & Reverse | 24 | |
| 316711 | 3201302008 | Steel | | |
| 322100 | 0634402538 03380100 | Ring, Sealing Lock | 4 | |
| 322400 | 0634319110 | Metal Clad Seal - Input | 1 | |
| 322402 | 063400069 | Metal Clad Seal - Output | 1 | |

MARINE COUPLINGS

VELVET DRIVE ®

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|------------|-----------------|--|-------|-------------|
| 023323 | 4547AY | Coupling 5 - MODEL 10-18 Only | 1 | |
| 023324 | 4547BA | Coupling 4 - MODEL 10-17 Only | 1 | |
| 023327 | 1000-031-001 | Coupling - Current Reduction | 1 | Fine Spline |
| 023328 | 4912 | Coupling - Early Reduction | 1 | Fine Spline |
| 023543-075 | 4BX-A | Coupling Shaft VD71/72 4" X .75 Bore | | |
| 023543-087 | 4BX-AA | Coupling Shaft VD 71/72 4" X .875 Bore | | |
| 023543-125 | 4865DD 4BX-D | Coupling Shaft VD 71/72 4" X 1.25 Bore | | |
| 023559-125 | 4886D 5AX-D | Coupling Shaft VD 71/72 5" X 1.25 Bore | | |
| 023559-137 | NA | Coupling Shaft VD71/72 5" X 1.375 Bore | | |
| 023559-150 | NA | Coupling Shaft VD71/72 5" X 1.50 Bore | | |

MARINE DAMPER ASSEMBLIES

VELVET DRIVE ®

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|---------|--------------------------------------|--|-------|-------|
| DA-101 | 1004-650-001 | 13" x 7/8" Diameter, 8 bolt, 10 springs, 26 Teeth | | |
| DA-101A | 1004-650-005 | 15" X 1 1/4 " Diameter, 14 bolt holes, 10 springs, 26 Teeth | | |
| DA-102 | 1004-650-002 AS4-K1C BBD3108UL | 6.18" OD, 1.353 Spline, Red spring, 26 Teeth | | |
| DA-103 | 1004-650-003 | 8.0" OD, 1.35 Spline (8 Equally Spaced Holes), 26 Teeth | | |
| DA-106 | 1004-650-006 AS4-K2C BBD0107UL | 6.66" RAD (Triangle), 1.353 Spline, Red spring, 26 Teeth | | |
| DA-106A | 120-8-1446 | 6.66" RAD Same as DA-106 except w/Cut Off Rounded Ears, 26 Teeth | | |

MARINE DAMPER ASSEMBLIES VELVET DRIVE ®

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------------------------------|--|-------|-------|
| DA-107 | 1004-650-007 AS7-K2C BBD3131UL | 13.25" OD Fits Engines up to 430 C.U. 1.353 spline, Purple spring, 26 Teeth | | |
| DA-108 | 1004-650-008 BBD3132UL | 13.25: OD Fits Engines up to 370 C.U., White spring, 26 Teeth | | |

VOLVO PENTA

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|--------------------------|--|-------|-------|
| DA-302 | 2301-650-001 | 152mm x 123mm 10/23/29 Teeth DIN 5464 with Dowel Pin Holes, 45 degree x 8 | | |
| DA-203 | 841894-9 1866-026-131 | MD21, MD32 ENG. 287mm x 133mm, 26 Teeth | | |
| DA-204 | 841892-3 1866-039-001 | MD21/RB ENG 267mm x 123mm, 10 Teeth | | |
| DA-206 | 855389-3 1866-032-231 | B21, B21 ENG, 26 Teeth | | |

HURTH MARINE

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|--------|---|---|-------|-------|
| DA-301 | 947-77-601-02 254750 1866-050-002 | 121.5mm X 100mm 10/23/29 Teeth DIN 5464, 10 Teeth | | |
| DA-302 | 947-44-601-03 254762 1866-052-001 | 152mm x 123mm 10/23/29 Teeth DIN 5464 w/DOWEL PIN HOLES, 10 Teeth | | |
| DA-303 | 288240 1866-061-001 | 157mm X 123mm 10/23/29 Teeth DIN 5464, 10 Teeth | | |
| DA-304 | 1866-061-002 | 6 3/16" x 1 11/32" Diameter, 5 bolt holes, 6 springs, 26 teeth | | |
| DA-305 | 1866-052-002 | 5.962/151.44 Diameter, 1-1/4" Diameter (spline) 8 Bolt Holes, 6 Springs, 26 Teeth (5.59"/142mm from center to center of bolt holes) | | |

MARINE TURBOCHARGER

JCB

| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|-----------|---------------------------------|-------|-------|
| ATH027-1001 | 3523299E | Turbocharger - Perkins T6.354.4 | 1 | |

VOLVO



| ITEM | REFERENCE | DESCRIPTION | USAGE | NOTES |
|-------------|-----------|---------------------------------|-------|-------|
| ATSC01-1001 | 20500295 | Turbocharger - Marine/Excavator | 1 | |