

# **2016**

## **PARTS MANUAL**



### **MUD PRO™ 700 LTD**

**A2016MLT1PUSJ - BLACK**

**A2016MLT1POSJ - BLACK INTERNATIONAL**



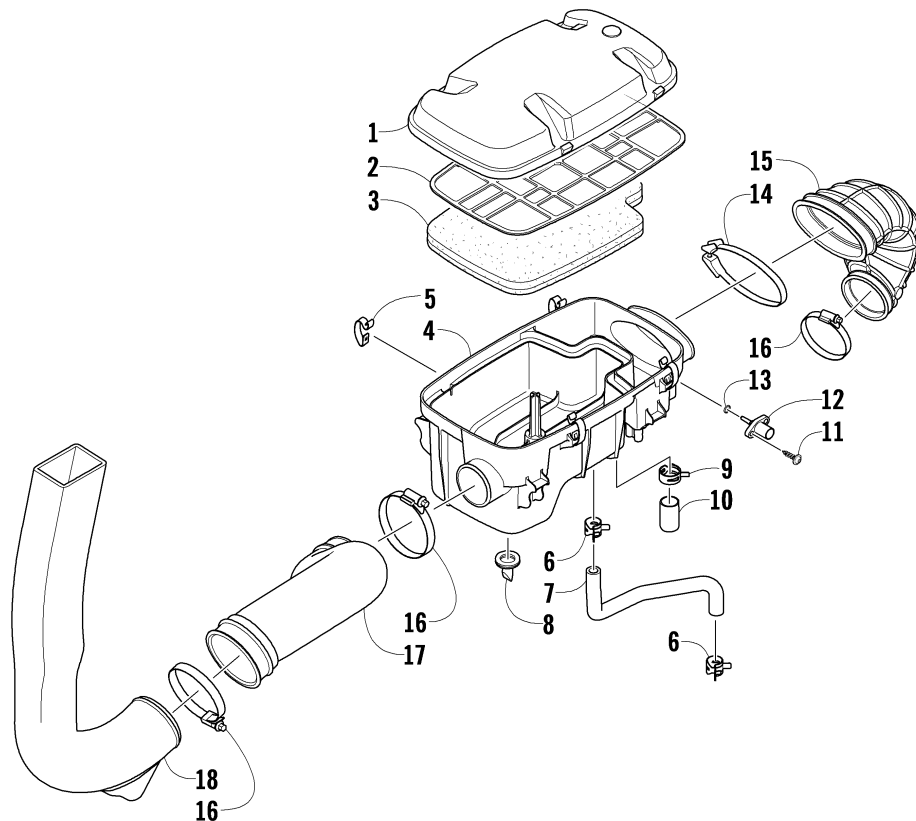
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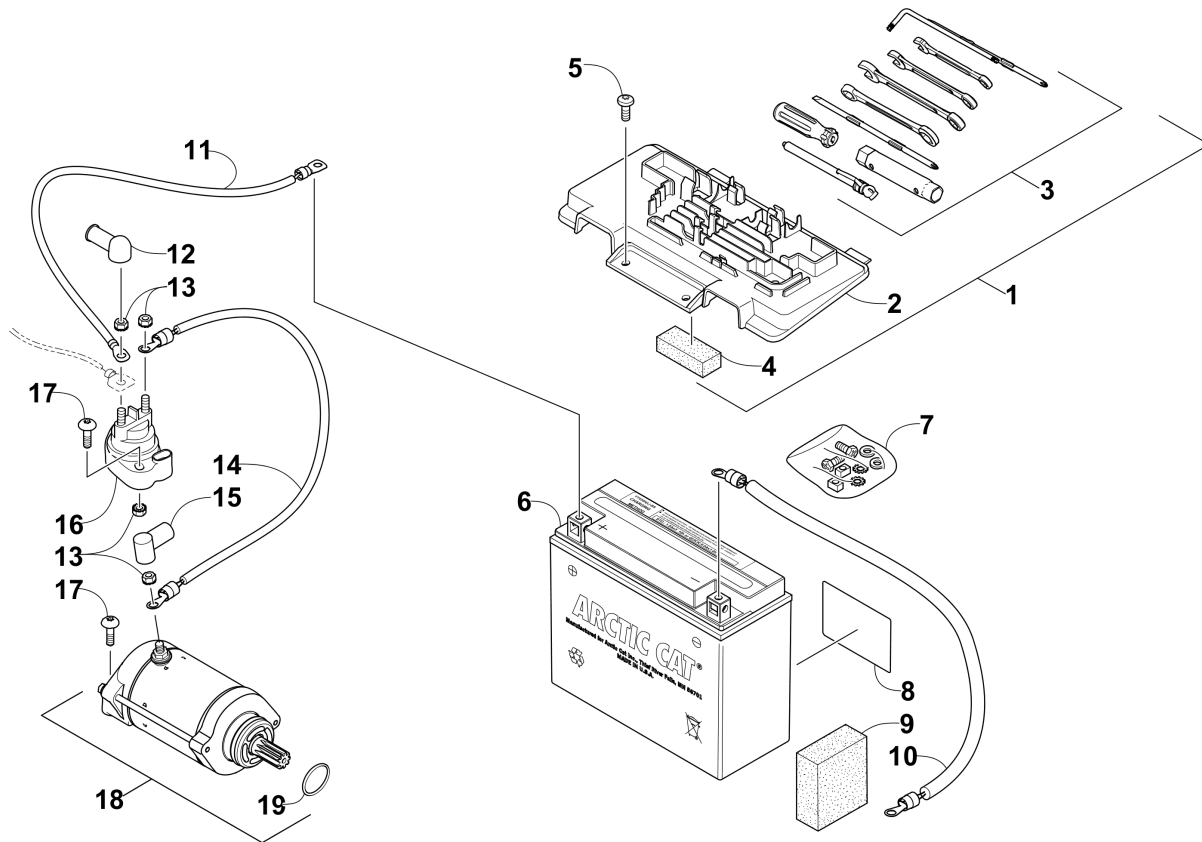
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# AIR INTAKE ASSEMBLY [92095]



| Item | Part No. | Qty | Name                              | Context   | Footnote |
|------|----------|-----|-----------------------------------|-----------|----------|
| 1    | 0470-877 | 1   | Air Box, Top                      |           |          |
| 2    | 0470-560 | 1   | Screen, Air Filter                |           |          |
| 3    | 0470-558 | 1   | Filter, Air                       |           |          |
| 4    | 0470-728 | 1   | Housing, Air Intake               |           |          |
| 5    | 0423-455 | 4   | Clip, Spring                      |           |          |
| 6    | 1623-281 | 2   | Clamp, Hose                       |           |          |
| 7    | 0410-172 | 1   | Hose, Vent - Crankcase            |           |          |
| 8    | 0470-858 | 1   | Valve, Drain                      |           |          |
| 9    | 1623-287 | 1   | Clamp, Hose                       |           |          |
| 10   | 0423-766 | 1   | Cap, Drain                        |           |          |
| 11   | 0423-342 | 2   | Screw, Self-Tapping - .1875 x .75 |           |          |
| 12   | 0430-055 | 1   | Sensor, Air Temperature           | (inc. 13) |          |
| 13   | 5507-224 | 1   | O-Ring                            |           |          |
| 14   | 0423-554 | 1   | Clamp                             |           |          |
| 15   | 0470-511 | 1   | Boot, Intake                      |           |          |
| 16   | 0423-019 | 3   | Clamp                             |           |          |
| 17   | 0470-529 | 1   | Duct, Air Intake                  |           |          |
| 18   | 0413-210 | 1   | Duct, Air-In                      |           |          |

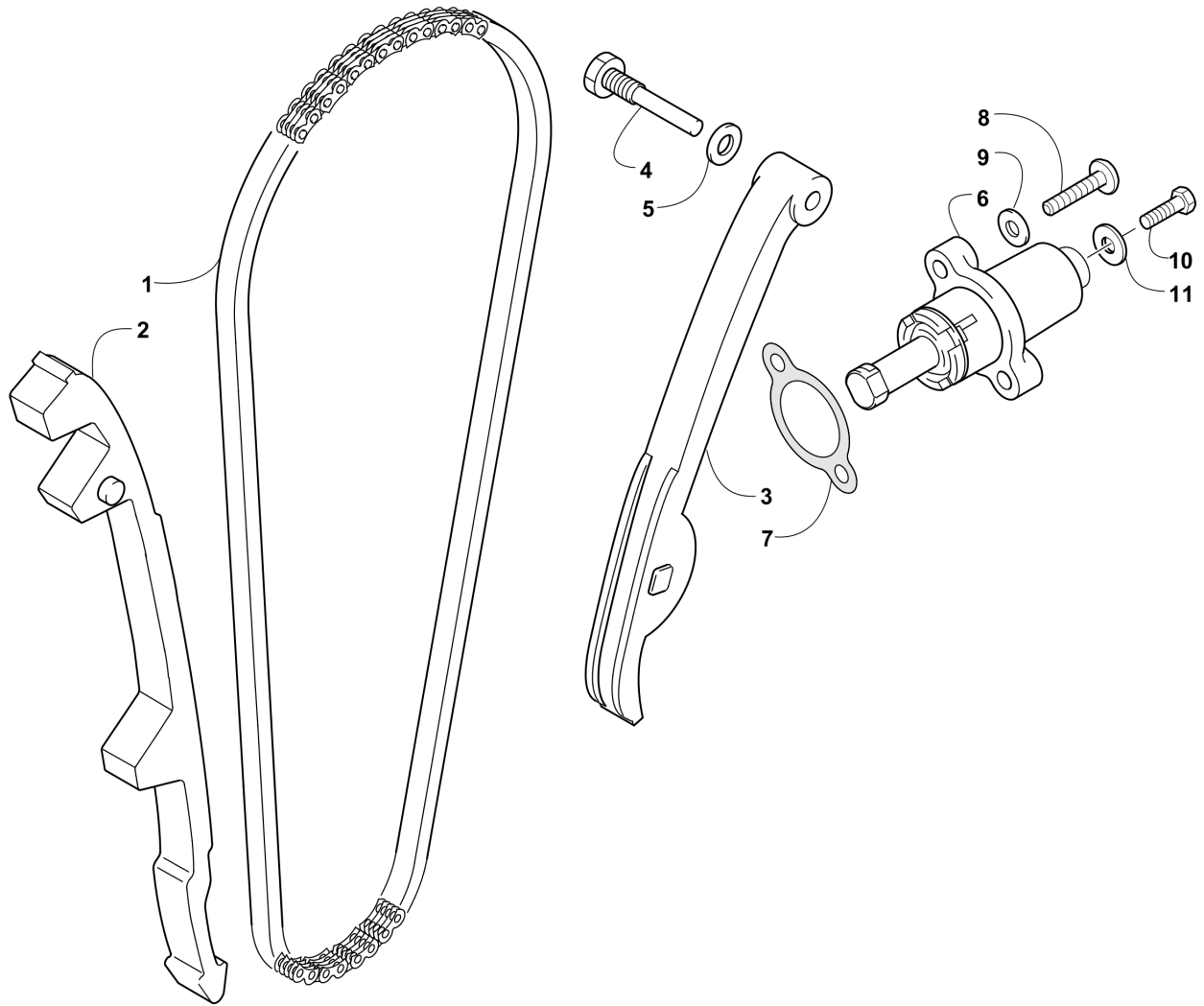
# BATTERY AND STARTER ASSEMBLY [301247]



| Item | Part No. | Qty | Name                      | Context    | Footnote |
|------|----------|-----|---------------------------|------------|----------|
| 1    | 5993-040 | 1   | Tray, Tool - Assembly     | (inc. 2-4) |          |
| 2    | 4406-136 | 1   | Cover, Battery/Tool Tray  |            |          |
| 3    | 0444-122 | 1   | Kit, Tool                 |            |          |
| 4    | 0417-016 | 1   | Pad, Battery              |            |          |
| 5    | 8476-620 | 2   | Screw, Machine            |            |          |
| 6    | 0745-406 | 1   | Battery                   | (inc. 7-8) |          |
| 7    | 0445-082 | 1   | Kit, Hardware             |            |          |
| 8    | 0645-430 | 1   | Decal, Warning            |            |          |
| 9    | 0417-012 | 1   | Foam, Battery             |            |          |
| 10   | 0445-079 | 1   | Cable, Battery/Ground     |            |          |
| 11   | 0445-062 | 1   | Cable, Battery/Solenoid   |            |          |
| 12   | 0645-327 | 1   | Boot, Terminal - Solenoid |            |          |
| 13   | 0623-038 | 5   | Nut w/Washer              |            |          |
| 14   | 0445-064 | 1   | Cable, Solenoid/Starter   | (inc. 15)  |          |
| 15   | 0645-019 | 1   | Boot, Terminal            |            |          |
| 16   | 0445-058 | 1   | Solenoid, Starter Relay   |            |          |
| 17   | 8476-625 | 4   | Screw, Machine            |            |          |
| 18   | 0825-024 | 1   | Motor, Starter            | (inc. 19)  |          |
| 19   | 0830-228 | 1   | O-Ring                    |            |          |

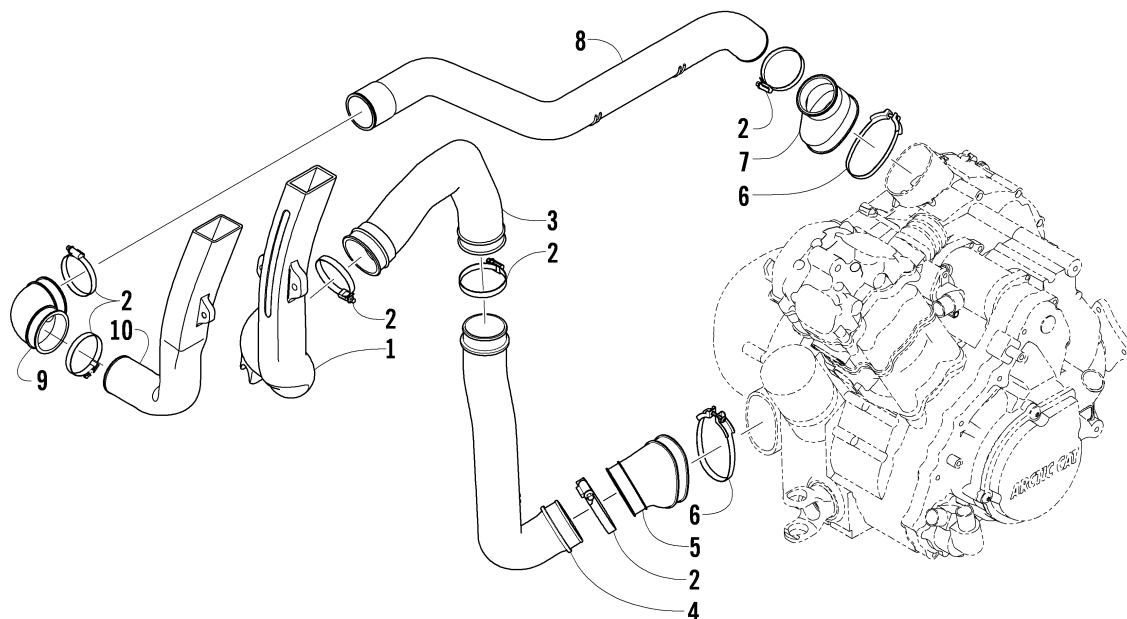


# CAM CHAIN ASSEMBLY [89422]



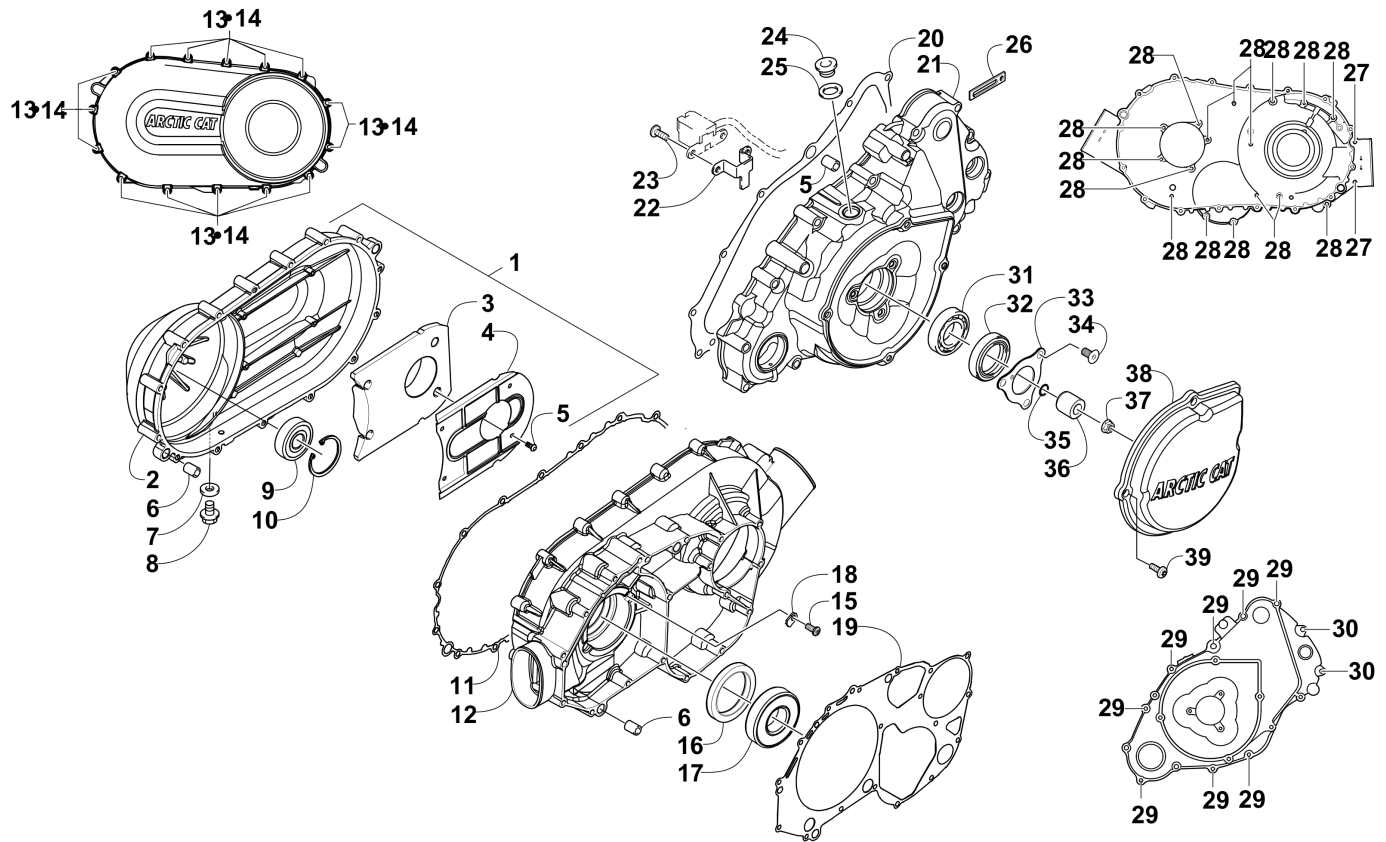
| Item | Part No. | Qty | Name                           | Context | Footnote |
|------|----------|-----|--------------------------------|---------|----------|
| 1    | 0810-001 | 1   | Chain, Cam                     |         |          |
| 2    | 0810-002 | 1   | Guide, Chain                   |         |          |
| 3    | 0810-003 | 1   | Tensioner, Chain               |         |          |
| 4    | 0826-036 | 1   | Pivot, Tensioner               |         |          |
| 5    | 0830-025 | 1   | Washer, Crush                  |         |          |
| 6    | 0810-004 | 1   | Adjuster, Tensioner - Assembly |         |          |
| 7    | 0830-018 | 1   | Gasket                         |         |          |
| 8    | 8468-625 | 2   | Screw, Machine                 |         |          |
| 9    | 0830-107 | 2   | Gasket                         |         |          |
| 10   | 8400-610 | 1   | Screw, Cap                     |         |          |
| 11   | 0828-129 | 1   | Washer                         |         |          |

# CASE/BELT COOLING ASSEMBLY [97630]



| Item | Part No. | Qty | Name                  | Context | Footnote |
|------|----------|-----|-----------------------|---------|----------|
| 1    | 0413-228 | 1   | Duct, Air-In - Clutch |         |          |
| 2    | 0423-019 | 6   | Clamp                 |         |          |
| 3    | 0413-092 | 1   | Boot, Intake          |         |          |
| 4    | 0413-250 | 1   | Duct, Intake - Lower  |         |          |
| 5    | 0413-252 | 1   | Boot, Intake          |         |          |
| 6    | 0423-057 | 2   | Clamp                 |         |          |
| 7    | 0413-049 | 1   | Boot, Cooling - Belt  |         |          |
| 8    | 0413-213 | 1   | Duct, Clutch-Out - #1 |         |          |
| 9    | 0413-098 | 1   | Boot, Air-In          |         |          |
| 10   | 0413-215 | 1   | Duct, Clutch-Out - #2 |         |          |

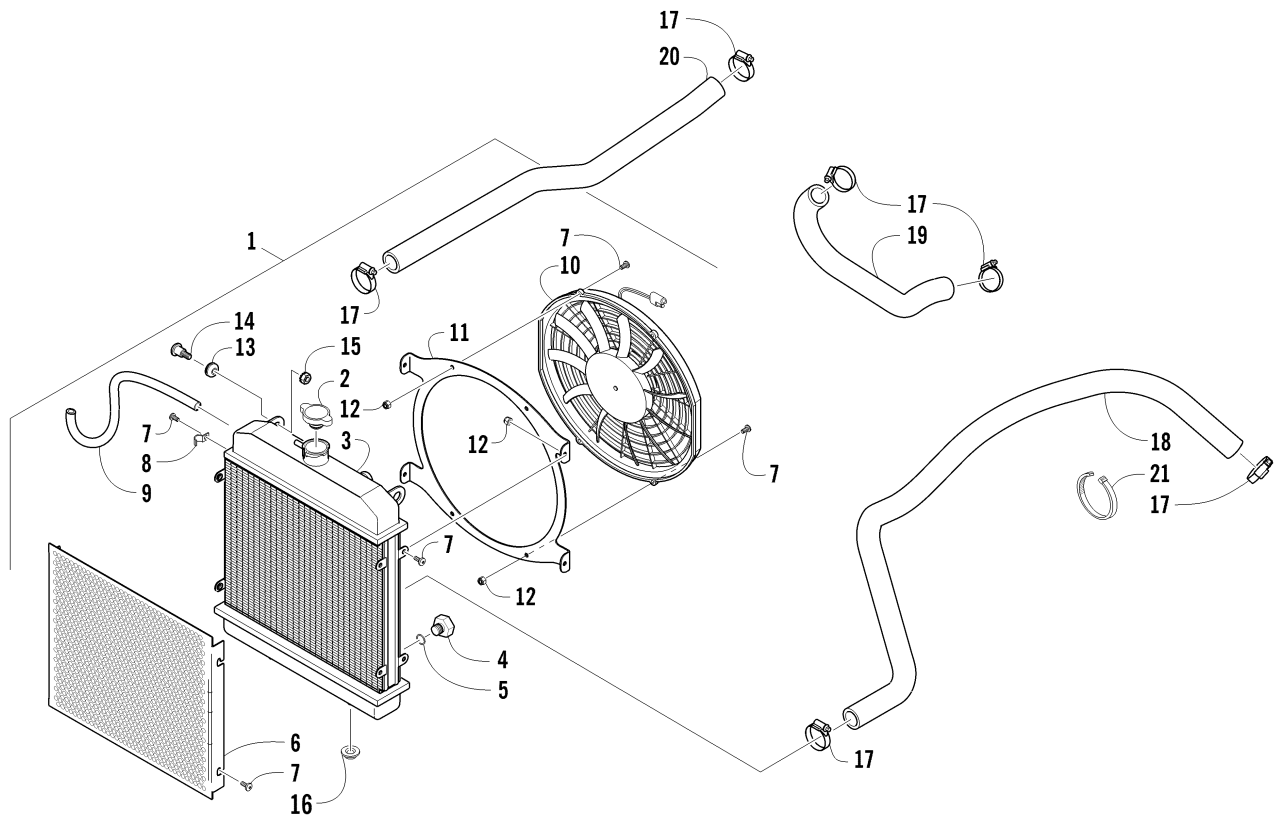
# CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY [301248]



| Item | Part No. | Qty | Name                     | Context   | Footnote |
|------|----------|-----|--------------------------|-----------|----------|
| 1    | 0806-202 | 1   | Cover, V-Belt Assembly   | (inc. 2-5 |          |
| 2    | 0806-179 | 1   | Cover, V-Belt - Black    |           |          |
| 3    | 0806-177 | 1   | Dampener, Pad            |           |          |
| 4    | 0806-201 | 1   | Retainer, Cover Dampener |           |          |
| 5    | 1423-293 | 4   | Screw, Machine           |           |          |
| 6    | 0829-002 | 6   | Pin, Dowel               |           |          |
| 7    | 0830-013 | 1   | Washer, Crush            |           |          |
| 8    | 8408-812 | 1   | Screw, Cap               |           |          |
| 9    | 0832-060 | 1   | Bearing                  |           |          |
| 10   | 0831-078 | 1   | Ring, Retaining          |           |          |
| 11   | 0831-096 | 1   | Gasket, V-Belt Cover     |           |          |
| 12   | 0806-180 | 1   | Cover, Clutch            |           |          |
| 13   | 0828-148 | 15  | Washer                   |           |          |
| 14   | 0826-160 | 15  | Screw, Machine           |           |          |
| 15   | 0826-029 | 2   | Screw, Machine           |           |          |
| 16   | 0830-244 | 1   | Seal                     |           |          |
| 17   | 0832-009 | 1   | Bearing                  |           |          |
| 18   | 0822-010 | 2   | Retainer, Bearing        |           |          |
| 19   | 0831-097 | 1   | Gasket, Clutch Cover     |           |          |
| 20   | 0830-128 | 1   | Gasket, Magneto Cover    |           |          |

| Item | Part No. | Qty | Name           | Context | Footnote |
|------|----------|-----|----------------|---------|----------|
| 21   | 0806-170 | 1   | Cover, Magneto |         |          |
| 22   | 0802-071 | 1   | Clamp, Routing |         |          |
| 23   | 8470-510 | 2   | Screw, Machine |         |          |
| 24   | 0826-155 | 1   | Plug           |         |          |
| 25   | 0830-015 | 1   | Washer, Crush  |         |          |
| 26   | 1623-984 | 1   | Clamp, Routing |         |          |
| 27   | 8470-676 | 2   | Screw, Machine |         |          |
| 28   | 8470-641 | 16  | Screw, Machine |         |          |
| 29   | 8468-640 | 8   | Screw, Machine |         |          |
| 30   | 8468-625 | 2   | Screw, Machine |         |          |
| 31   | 1602-981 | 1   | Bearing        |         |          |
| 32   | 0830-158 | 1   | Seal           |         |          |
| 33   | 0805-008 | 1   | Retainer, Seal |         |          |
| 34   | 0826-031 | 3   | Screw, Machine |         |          |
| 35   | 0830-108 | 1   | O-Ring         |         |          |
| 36   | 0820-061 | 1   | Bushing        |         |          |
| 37   | 0827-008 | 1   | Nut            |         |          |
| 38   | 0820-062 | 1   | Cover, Magneto |         |          |
| 39   | 8468-616 | 4   | Screw, Machine |         |          |

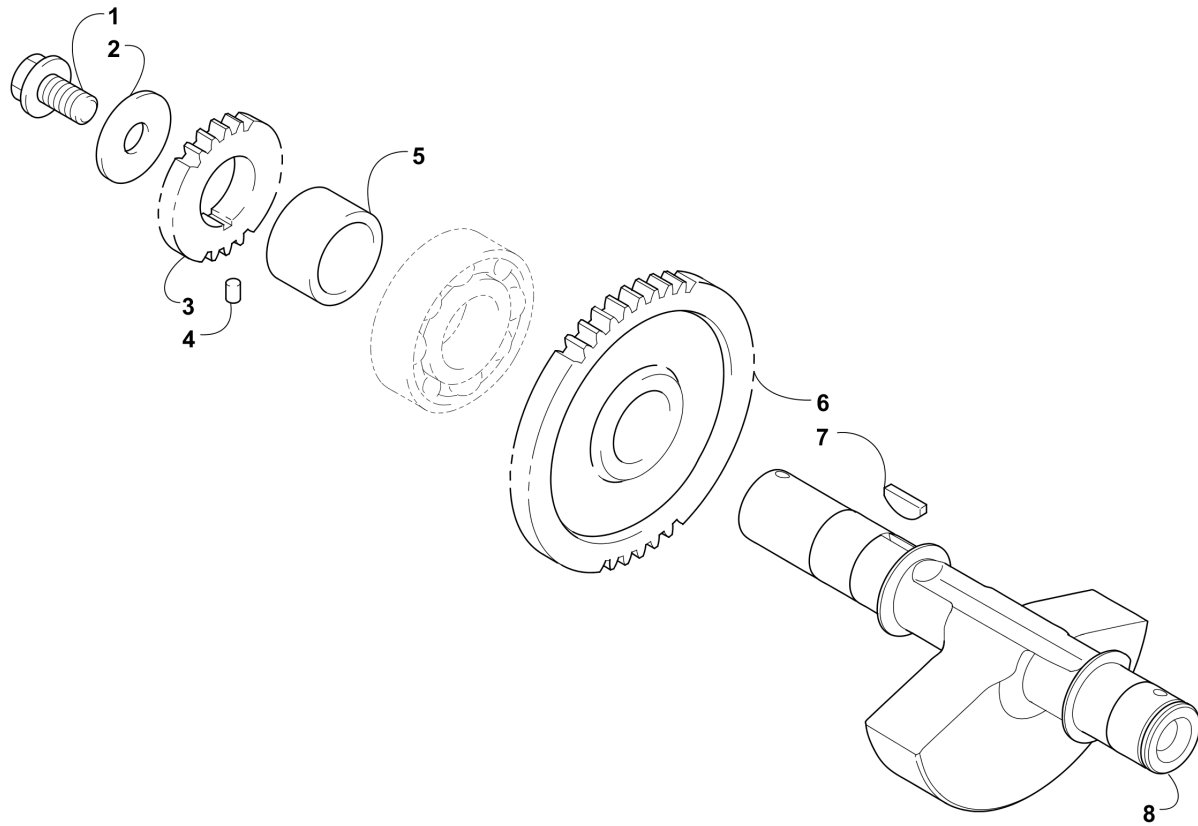
# COOLING ASSEMBLY [94547]



| Item | Part No. | Qty | Name                         | Context     | Footnote |
|------|----------|-----|------------------------------|-------------|----------|
| 1    | 0413-259 | 1   | Radiator - Assembly          | (inc. 2-13) |          |
| 2    | 0413-255 | 1   | Cap, Radiator                |             |          |
| 3    | 0413-205 | 1   | Radiator                     |             |          |
| 4    | 0413-195 | 1   | Plug, Radiator               |             |          |
| 5    | 1602-213 | 1   | O-Ring                       |             |          |
| 6    | 0413-007 | 1   | Screen, Radiator             |             |          |
| 7    | 8475-512 | 12  | Screw, Machine               |             |          |
| 8    | 0423-351 | 1   | Clamp, Wire                  |             |          |
| 9    | 0610-016 | AR  | Hose - 25 ft                 |             |          |
| 9    | 0610-015 | AR  | Hose, Gas - 1/4 x 100'       |             |          |
| 10   | 0413-123 | 1   | Fan, Radiator                |             |          |
| 11   | 0413-240 | 1   | Bracket, Retaining           |             |          |
| 12   | 8422-502 | 8   | Nut, Lock                    |             |          |
| 13   | 0423-030 | 2   | Grommet                      |             |          |
| 14   | 0423-484 | 2   | Screw, Shoulder              |             |          |
| 15   | 0623-038 | 2   | Nut w/Washer                 |             |          |
| 16   | 0423-028 | 2   | Bushing                      |             |          |
| 17   | 0423-496 | 6   | Clamp, Hose                  |             |          |
| 18   | 0410-229 | 1   | Hose, Coolant - Pump Suction |             |          |

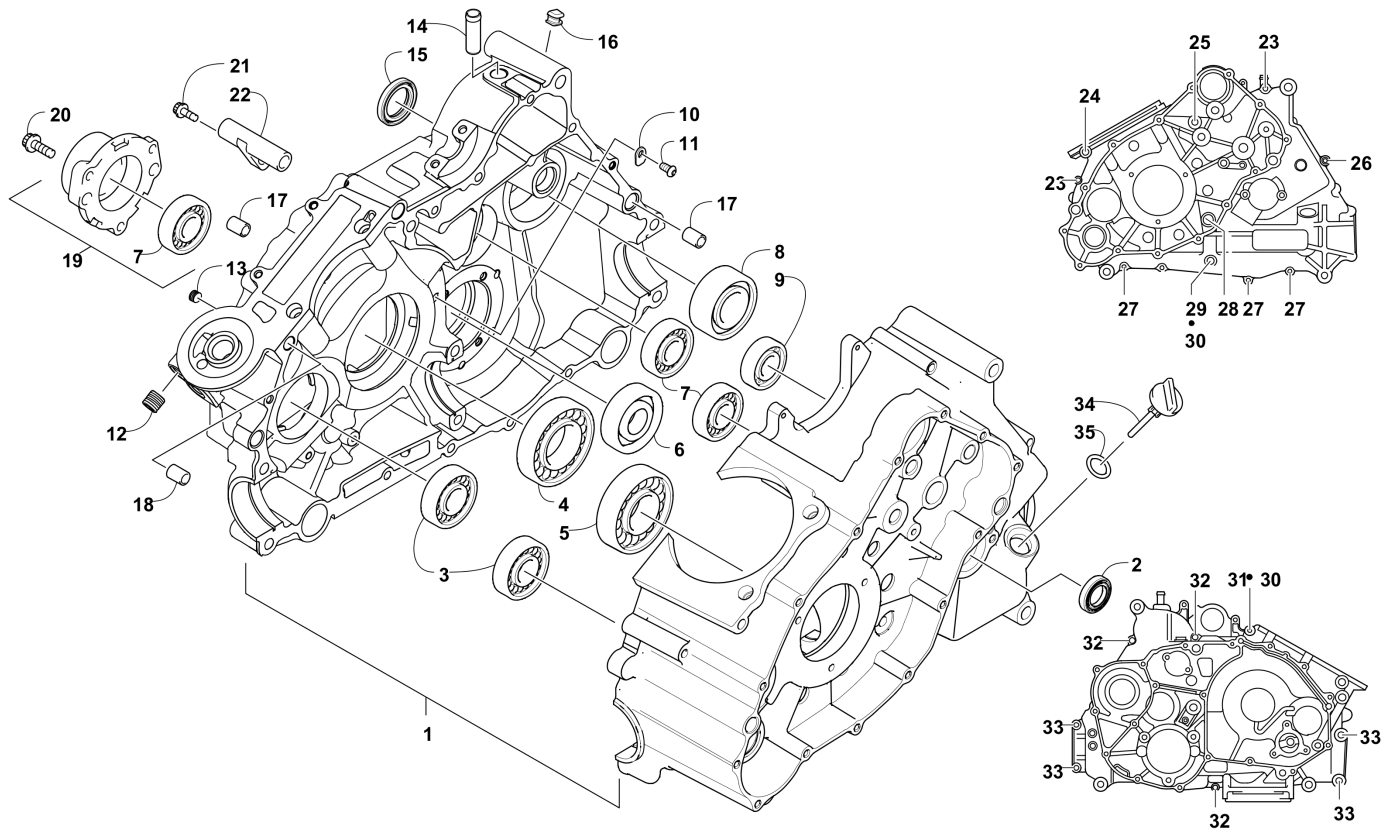
| Item | Part No. | Qty | Name                      | Context | Footnote |
|------|----------|-----|---------------------------|---------|----------|
| 19   | 0410-022 | 1   | Hose, Coolant - Crossover |         |          |
| 20   | 0410-002 | 1   | Hose, Coolant - Upper     |         |          |
| 21   | 0623-751 | AR  | Tie, Cable - Reusable     |         |          |

# CRANK BALANCER ASSEMBLY [94435]



| Item | Part No. | Qty | Name                       | Context | Footnote |
|------|----------|-----|----------------------------|---------|----------|
| 1    | 0826-033 | 1   | Screw, Cap                 |         |          |
| 2    | 0828-003 | 1   | Washer                     |         |          |
| 3    | 0811-003 | 1   | Gear, Oil Pump Drive       |         |          |
| 4    | 0829-007 | 1   | Pin, Dowel                 |         |          |
| 5    | 0811-004 | 1   | Spacer                     |         |          |
| 6    | 0811-034 | 1   | Gear, Driven Balance Shaft |         |          |
| 7    | 0829-006 | 1   | Key                        |         |          |
| 8    | 0805-304 | 1   | Balancer, Crank            |         |          |

# CRANKCASE ASSEMBLY [99738]

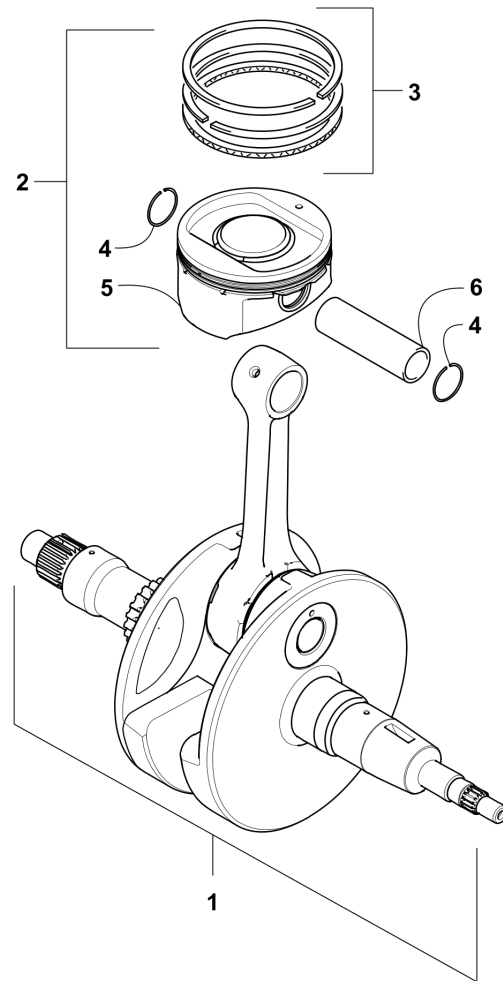


| Item | Part No. | Qty | Name                     | Context          | Footnote |
|------|----------|-----|--------------------------|------------------|----------|
| 1    | 0801-151 | 1   | Crankcase Assembly       | (inc. 2-15)      |          |
| 2    | 0822-052 | 1   | Seal, Countershaft       |                  |          |
| 3    | 0832-005 | 2   | Bearing                  |                  |          |
| 4    | 0832-042 | 1   | Bearing                  |                  |          |
| 5    | 0832-043 | 1   | Bearing                  |                  |          |
| 6    | 0832-077 | 1   | Bearing                  |                  |          |
| 7    | 0832-050 | 3   | Bearing                  |                  |          |
| 8    | 0832-048 | 1   | Bearing                  |                  |          |
| 9    | 0832-049 | 1   | Bearing                  |                  |          |
| 10   | 0822-010 | 4   | Retainer, Bearing        |                  |          |
| 11   | 0826-100 | 4   | Screw, Machine           |                  |          |
| 12   | 0812-064 | 2   | Plug                     |                  |          |
| 13   | 0801-002 | 1   | Plug                     |                  |          |
| 14   | 0801-028 | 1   | Pipe, Breather           |                  |          |
| 15   | 0830-035 | 1   | Seal, Driveshaft         |                  |          |
| 16   | 0830-217 | 1   | Grommet                  |                  |          |
| 17   | 0829-002 | 5   | Pin, Dowel               |                  |          |
| 18   | 0829-003 | 1   | Pin, Dowel               |                  |          |
| 19   | 0801-029 | 1   | Housing, Secondary Shaft | (inc. one No. 7) |          |



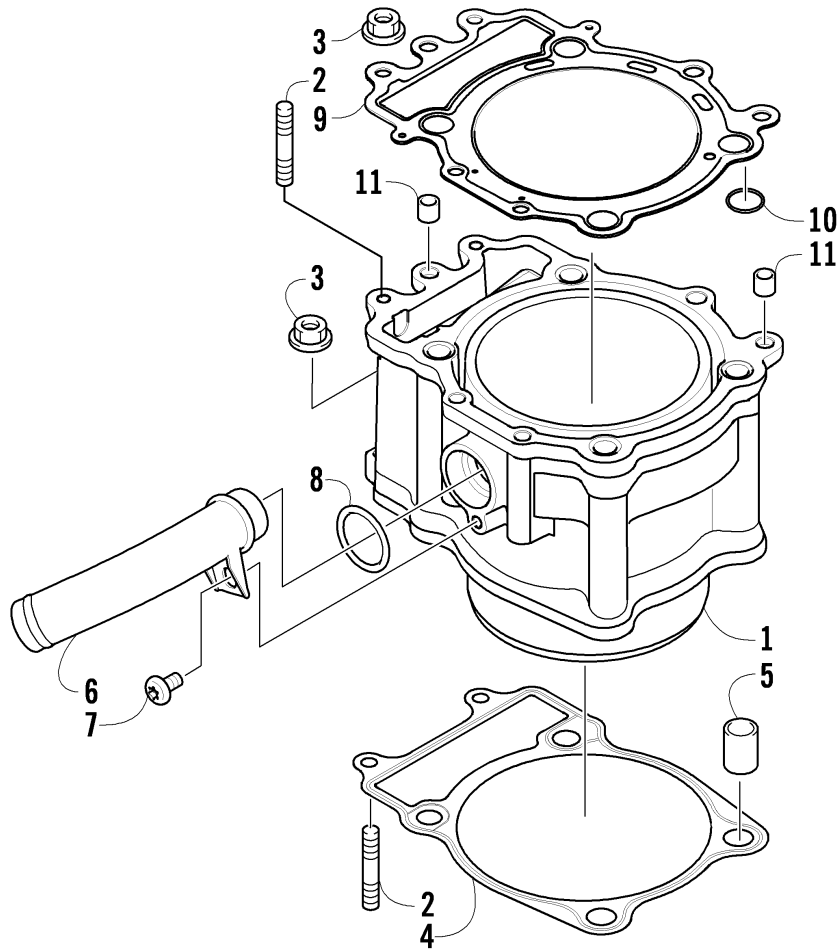
| Item | Part No. | Qty | Name             | Context | Footnote |
|------|----------|-----|------------------|---------|----------|
| 20   | 0826-105 | 3   | Screw, Cap       |         |          |
| 21   | 0826-038 | 1   | Screw, Cap       |         |          |
| 22   | 0801-069 | 1   | Pipe, Breather   |         |          |
| 23   | 8468-675 | 2   | Screw, Machine   |         |          |
| 24   | 0826-019 | 1   | Screw, Cap       |         |          |
| 25   | 8468-680 | 1   | Screw, Machine   |         |          |
| 26   | 8468-695 | 1   | Screw, Machine   |         |          |
| 27   | 8468-645 | 3   | Screw, Machine   |         |          |
| 28   | 0826-017 | 1   | Screw, Cap       |         |          |
| 29   | 8412-860 | 1   | Screw, Cap       |         |          |
| 30   | 0830-008 | 2   | Gasket           |         |          |
| 31   | 0826-018 | 1   | Screw, Cap       |         |          |
| 32   | 8468-655 | 3   | Screw, Machine   |         |          |
| 33   | 8412-850 | 4   | Screw, Cap       |         |          |
| 34   | 0801-179 | 1   | Stick, Oil Level |         |          |
| 35   | 0830-010 | 1   | O-Ring           |         |          |

# CRANKSHAFT AND PISTON ASSEMBLY [300125]



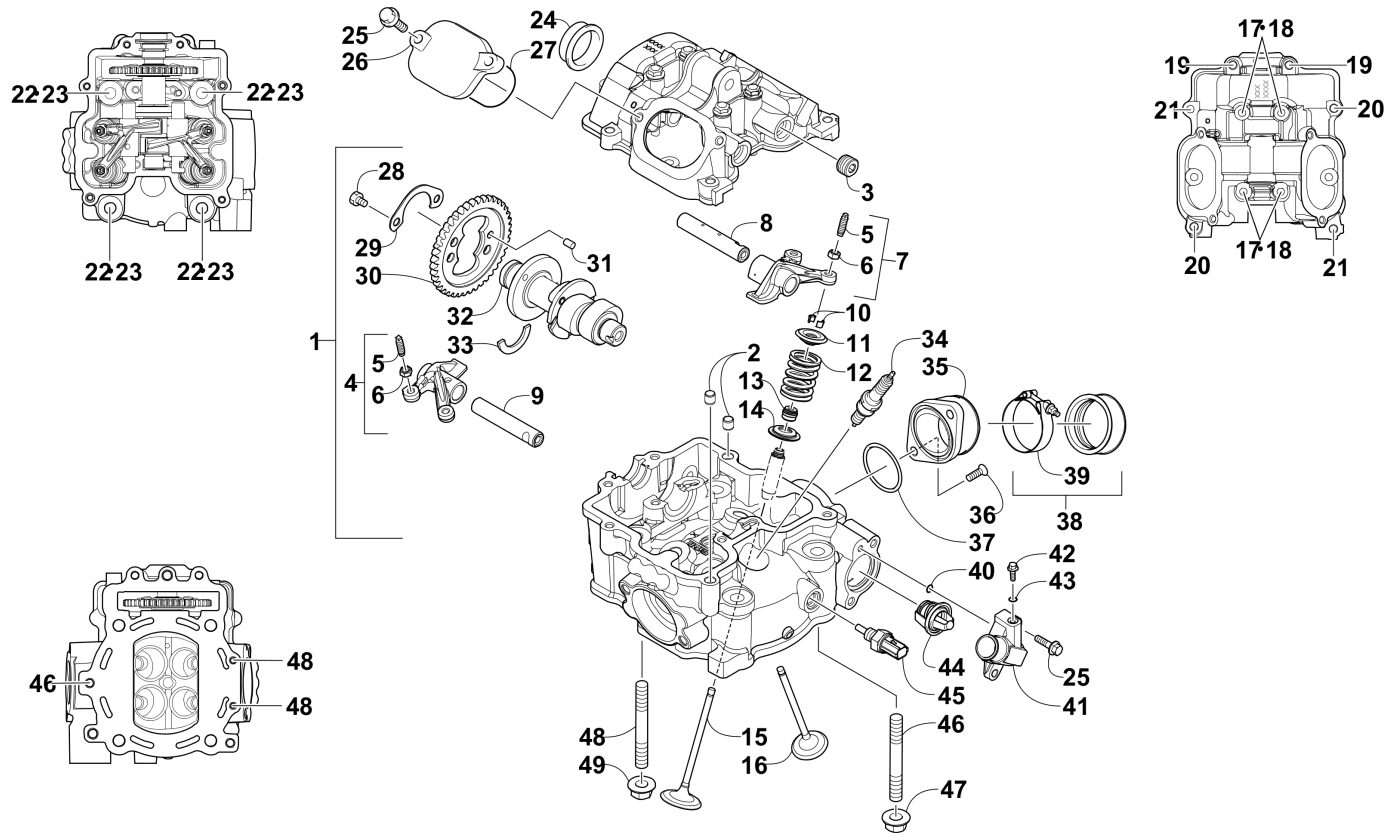
| Item | Part No. | Qty | Name                          | Context    | Footnote |
|------|----------|-----|-------------------------------|------------|----------|
| 1    | 0805-326 | 1   | Crankshaft, Final - Assembly  |            |          |
| 2    | 0805-297 | 1   | Piston, 102 mm Set - Assembly | (inc. 3-4) |          |
| 3    | 0805-132 | 1   | Ring, Piston - Set            |            |          |
| 4    | 0831-001 | 2   | Circlip, Piston Pin           |            |          |
| 5    |          | 1   | Piston                        |            |          |
| 6    | 0805-210 | 1   | Pin, Piston                   |            |          |

# CYLINDER ASSEMBLY [99736]



| Item | Part No. | Qty | Name                  | Context | Footnote |
|------|----------|-----|-----------------------|---------|----------|
| 1    | 0804-060 | 1   | Cylinder - 700 H1     |         |          |
| 2    | 0827-002 | 4   | Bolt, Stud            |         |          |
| 3    | 8424-604 | 4   | Nut                   |         |          |
| 4    | 0830-111 | 1   | Gasket, Base          |         |          |
| 5    | 0829-002 | 2   | Pin, Dowel            |         |          |
| 6    | 0804-047 | 1   | Fitting, Coolant      |         |          |
| 7    | 8468-612 | 1   | Screw, Machine        |         |          |
| 8    | 0830-007 | 1   | O-Ring                |         |          |
| 9    | 0830-112 | 1   | Gasket, Cylinder Head |         |          |
| 10   | 0830-113 | 4   | O-Ring                |         |          |
| 11   | 0829-062 | 2   | Pin, Dowel            |         |          |

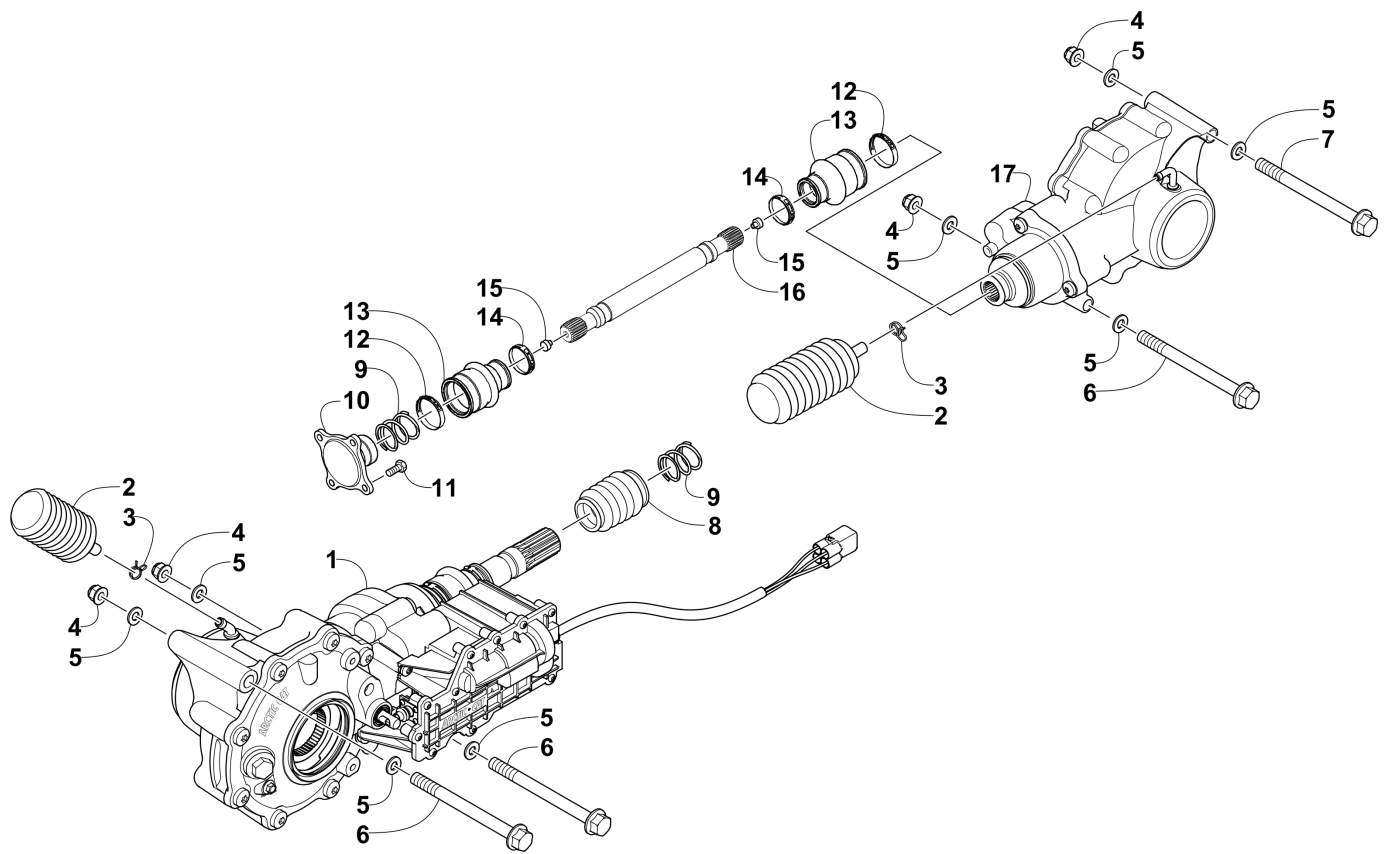
# CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY [99737]



| Item | Part No. | Qty | Name                        | Context            | Footnote |
|------|----------|-----|-----------------------------|--------------------|----------|
| 1    | 0808-226 | 1   | Head, Cylinder - Assembly   | (inc. 2-17)        |          |
| 2    | 0829-062 | 2   | Pin, Dowel                  |                    |          |
| 3    | 0831-092 | 2   | Plug, Shaft                 |                    |          |
| 4    | 0809-319 | 1   | Arm, Valve Rocker - Exhaust | (inc. two No. 5-6) |          |
| 5    | 0809-240 | 4   | Screw, Adjuster             |                    |          |
| 6    | 0827-059 | 4   | Nut                         |                    |          |
| 7    | 0809-318 | 1   | Arm, Valve Rocker - Intake  | (inc. two No. 5-6) |          |
| 8    | 0809-241 | 1   | Shaft, Rocker Arm - Intake  |                    |          |
| 9    | 0809-242 | 1   | Shaft, Rocker Arm - Exhaust |                    |          |
| 10   | 0809-233 | 8   | Cotter, Valve               |                    |          |
| 11   | 0809-232 | 4   | Retainer, Spring            |                    |          |
| 12   | 0809-231 | 4   | Spring, Valve               |                    |          |
| 13   | 0830-186 | 4   | Seal, Oil                   |                    |          |
| 14   | 0809-230 | 4   | Seat, Spring - Valve        |                    |          |
| 15   | 0809-228 | 2   | Valve, Intake               |                    |          |
| 16   | 0809-229 | 2   | Valve, Exhaust              |                    |          |
| 17   | 0826-149 | 4   | Screw, Cap                  |                    |          |
| 18   | 0830-155 | 4   | Gasket                      |                    |          |
| 19   | 0826-002 | 2   | Screw, Cap                  |                    |          |
| 20   | 0826-005 | 2   | Screw, Cap                  |                    |          |

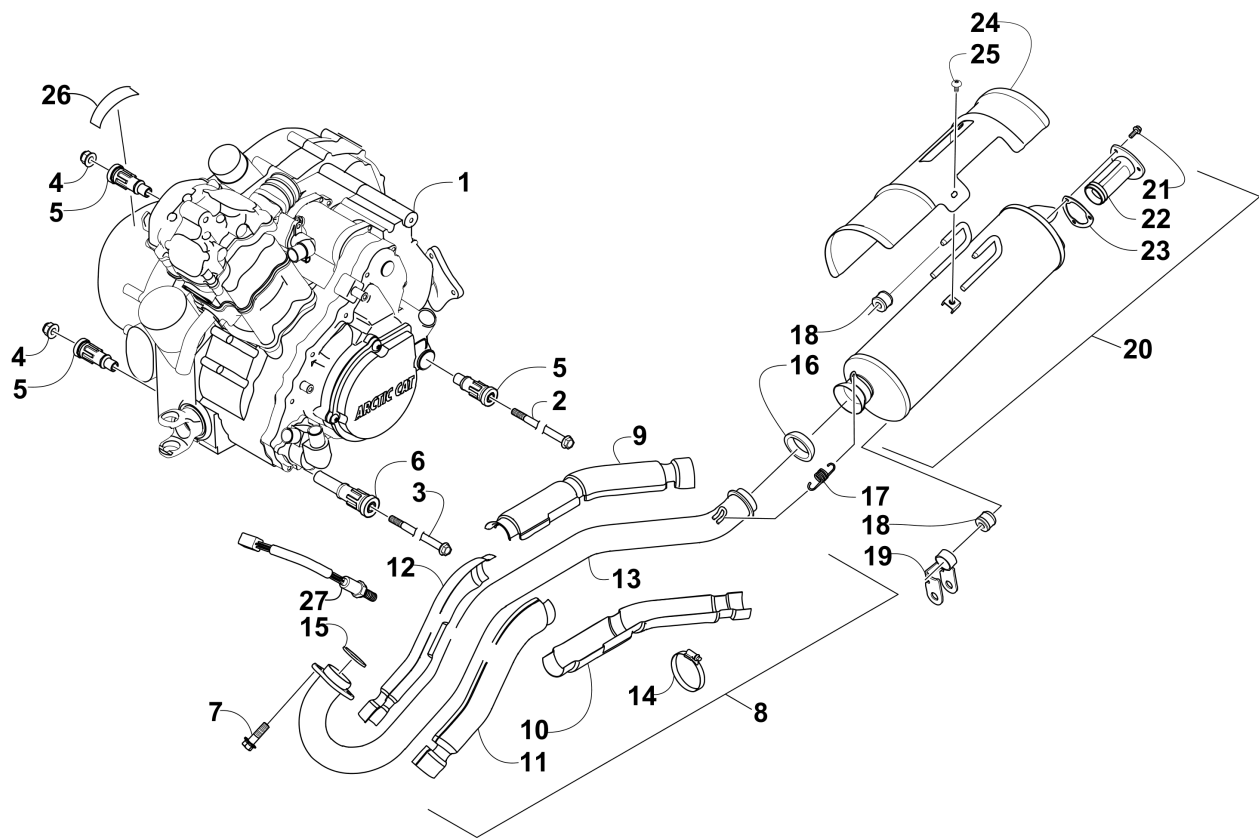
| Item | Part No. | Qty | Name                               | Context      | Footnote |
|------|----------|-----|------------------------------------|--------------|----------|
| 21   | 0826-006 | 2   | Screw, Cap                         |              |          |
| 22   | 0808-037 | 4   | Screw, Cap                         |              |          |
| 23   | 0830-147 | 4   | Washer                             |              |          |
| 24   | 0808-077 | 1   | Plug, Cylinder Head                |              |          |
| 25   | 0826-007 | 6   | Screw, Cap                         |              |          |
| 26   | 0808-003 | 2   | Cap, Inspection                    | (inc. 27)    |          |
| 27   | 0830-004 | 2   | O-Ring                             |              |          |
| 28   | 0826-034 | 2   | Screw, Cap                         |              |          |
| 29   | 0828-004 | 1   | Plate, Retainer                    |              |          |
| 30   | 0809-212 | 1   | Sprocket                           |              |          |
| 31   | 0829-049 | 1   | Pin, Dowel                         |              |          |
| 32   | 0809-245 | 1   | Camshaft                           |              |          |
| 33   | 0809-003 | 1   | C-Ring                             |              |          |
| 34   | 0217-799 | 1   | Spark Plug - CPR8E                 |              |          |
| 35   | 0470-668 | 1   | Flange, Intake Manifold            |              |          |
| 36   | 0826-008 | 2   | Screw, Machine                     |              |          |
| 37   | 0830-090 | 1   | O-Ring                             |              |          |
| 38   | 0437-069 | 1   | Boot                               | (inc. 39)    |          |
| 39   | 1423-041 | 1   | Clamp                              |              |          |
| 40   | 0830-168 | 1   | O-Ring                             |              |          |
| 41   | 0808-208 | 1   | Cover, Thermostat                  | (inc. 42-43) |          |
| 42   | 8408-512 | 1   | Screw, Cap                         |              |          |
| 43   | 0423-182 | 1   | O-Ring                             |              |          |
| 44   | 0808-078 | 1   | Thermostat                         |              |          |
| 45   | 0808-124 | 1   | Sensor, Engine Coolant Temperature |              |          |
| 46   | 0827-031 | 1   | Bolt, Stud                         |              |          |
| 47   | 8424-804 | 1   | Nut                                |              |          |
| 48   | 0827-054 | 2   | Bolt, Stud                         |              |          |
| 49   | 8424-604 | 2   | Nut                                |              |          |

# DRIVE TRAIN ASSEMBLY [301245]



| Item | Part No. | Qty | Name                                  | Context | Footnote |
|------|----------|-----|---------------------------------------|---------|----------|
| 1    | 2502-231 | 1   | Gearcase, Front                       |         |          |
| 2    | 1402-620 | 2   | Bladder, Case                         |         |          |
| 3    | 0423-315 | 2   | Clamp, Hose                           |         |          |
| 4    | 8428-002 | 4   | Nut, Lock                             |         |          |
| 5    | 0423-426 | 8   | Washer                                |         |          |
| 6    | 0423-404 | 3   | Screw, Cap                            |         |          |
| 7    | 0423-830 | 1   | Screw, Cap                            |         |          |
| 8    | 0402-966 | 1   | Boot, Prop Shaft (Long)               |         |          |
| 9    | 1402-026 | 2   | Spring                                |         |          |
| 10   | 2402-193 | 1   | Flange, Output                        |         |          |
| 11   | 8408-820 | 4   | Screw, Cap                            |         |          |
| 12   | 0423-393 | 2   | Clamp                                 |         |          |
| 13   | 0402-985 | 2   | Boot, Shaft                           |         |          |
| 14   | 0423-411 | 2   | Clamp                                 |         |          |
| 15   | 0673-618 | 2   | Bumper, Driveshaft                    |         |          |
| 16   | 1402-233 | 1   | Shaft, Propeller                      |         |          |
| 17   | 2502-092 | 1   | Complete Rear Drive Gearcase Assembly |         |          |

# ENGINE AND EXHAUST [301168]

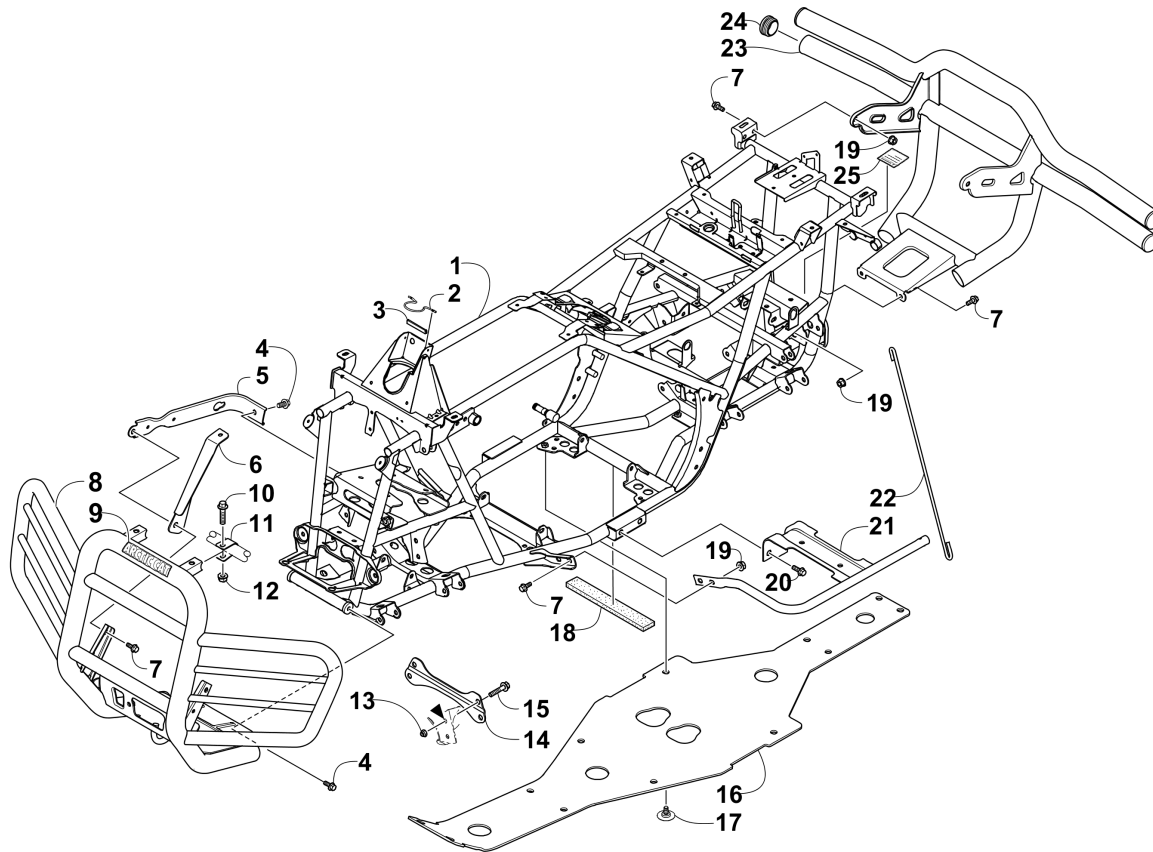


| Item | Part No. | Qty | Name                                 | Context      | Footnote |
|------|----------|-----|--------------------------------------|--------------|----------|
| 1    | 0800-209 | 1   | Engine                               |              |          |
| 2    | 0423-451 | 1   | Screw, Cap                           |              |          |
| 3    | 0423-405 | 1   | Screw, Cap                           |              |          |
| 4    | 8428-002 | 2   | Nut, Lock                            |              |          |
| 5    | 0801-129 | 3   | Mount, Rubber - Engine               |              |          |
| 6    | 0801-122 | 1   | Mount, Rubber - Engine               |              |          |
| 7    | 8408-820 | 2   | Screw, Cap                           |              |          |
| 8    | 0512-620 | 1   | Pipe, Exhaust - Assembly             | (inc. 9-14)  |          |
| 9    | 0412-350 | 1   | Shield, Exhaust Pipe - Outer - Rear  |              |          |
| 10   | 0412-339 | 1   | Shield, Exhaust Pipe - Inner - Rear  |              |          |
| 11   | 0412-687 | 1   | Shield, Exhaust Pipe - Inner - Front |              |          |
| 12   | 0412-686 | 1   | Shield, Exhaust Pipe - Outer - Front |              |          |
| 13   | 0512-622 | 1   | Pipe, Exhaust                        |              |          |
| 14   | 0423-317 | 4   | Clamp, Hose                          |              |          |
| 15   | 0412-338 | 1   | Gasket, Exhaust                      |              |          |
| 16   | 0412-375 | 1   | Seal, Exhaust                        |              |          |
| 17   | 0612-668 | 2   | Spring                               |              |          |
| 18   | 0412-577 | 3   | Bushing                              |              |          |
| 19   | 1506-732 | 1   | Channel, Muffler Support             |              |          |
| 20   | 0512-355 | 1   | Muffler - Assembly                   | (inc. 21-23) |          |

| Item | Part No. | Qty | Name                       | Context | Footnote |
|------|----------|-----|----------------------------|---------|----------|
| 21   | 8408-616 | 3   | Screw, Cap                 |         |          |
| 22   | 0512-219 | 1   | Arrester, Spark - Assembly |         |          |
| 23   | 0412-313 | 1   | Gasket, Spark Arrester     |         |          |
| 24   | 0412-373 | 1   | Cover, Muffler             |         |          |
| 25   | 8477-610 | 3   | Screw, Machine             |         |          |
| 26   | 0411-426 | 1   | Decal, Warning - Clutch    |         |          |
| 27   | 0630-302 | 1   | Oxygen Sensor              |         |          |



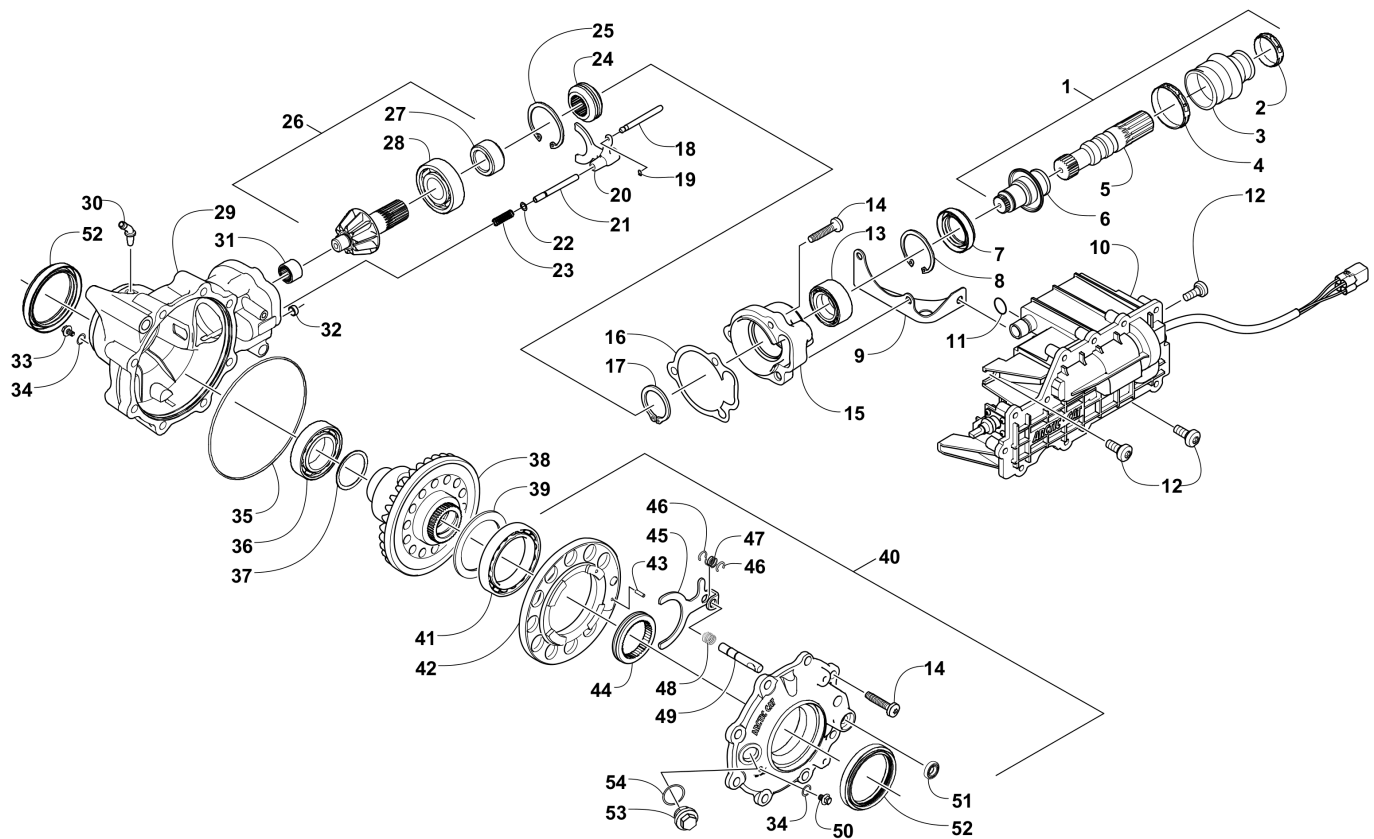
# FRAME AND RELATED PARTS [301144]



| Item | Part No. | Qty | Name                               | Context | Footnote |
|------|----------|-----|------------------------------------|---------|----------|
| 1    | 4506-543 | 1   | Frame, Main                        |         |          |
| 2    | 2416-401 | 1   | Clip, Routing                      |         |          |
| 3    | 0706-371 | AR  | Trim - 3 ft                        |         |          |
| 4    | 8409-020 | 4   | Screw, Cap                         |         |          |
| 5    | 1506-596 | 2   | Channel, Mounting - Bumper - Right |         |          |
| 6    | 1506-562 | 1   | Bracket, Mounting - Bumper - Right |         |          |
| 6    | 1506-563 | 1   | Bracket, Mounting - Bumper - Left  |         |          |
| 7    | 8408-816 | 10  | Screw, Cap                         |         |          |
| 8    | 7506-409 | 1   | Bumper, Front                      |         |          |
| 9    | 0621-755 | 1   | Decal, "Arctic Cat"                |         |          |
| 10   | 8410-835 | 2   | Screw, Cap                         |         |          |
| 11   | 2506-641 | 2   | Strap, Support                     |         |          |
| 12   | 8424-805 | 2   | Nut                                |         |          |
| 13   | 0423-744 | 2   | Nut, Lock                          |         |          |
| 14   | 2516-852 | 1   | Brace, A-Arm                       |         |          |
| 15   | 8409-025 | 2   | Screw, Cap                         |         |          |
| 16   | 1406-030 | 1   | Panel, Belly                       |         |          |
| 17   | 0423-101 | 12  | Screw, Shoulder                    |         |          |
| 18   | 0406-289 | 2   | Pad, Frame                         |         |          |
| 19   | 8424-802 | 8   | Nut                                |         |          |

| Item | Part No. | Qty | Name                                | Context   | Footnote |
|------|----------|-----|-------------------------------------|-----------|----------|
| 20   | 8409-016 | 4   | Screw, Cap                          |           |          |
| 21   | 1506-380 | 1   | Footrest - Right                    |           |          |
| 21   | 1506-379 | 1   | Footrest - Left                     |           |          |
| 22   | 2506-423 | 2   | Rod, Support                        |           |          |
| 23   | 7506-410 | 1   | Bumper, Rear                        | (inc. 24) |          |
| 24   | 0406-130 | 4   | Plug                                |           |          |
| 25   | 4411-077 | 1   | Decal, Fender, Front - Left - Black |           |          |

# FRONT DRIVE GEARCASE ASSEMBLY [ 301246]

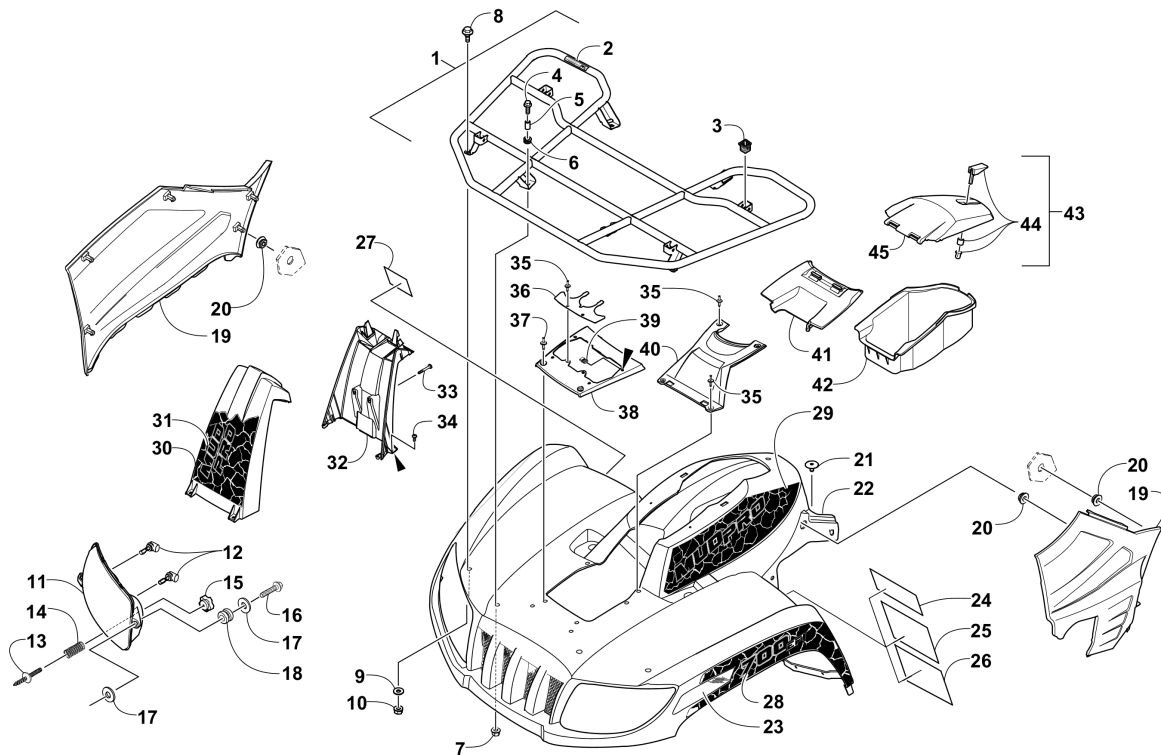


| Item | Part No. | Qty | Name                        | Context    | Footnote |
|------|----------|-----|-----------------------------|------------|----------|
| -    | 2502-231 | 1   | Gearcase, Front             |            |          |
| 1    | 1502-083 | 1   | Shaft, Propeller - Assembly | (inc. 2-6) |          |
| 2    | 0423-411 | 1   | Clamp                       |            |          |
| 3    | 0402-985 | 1   | Boot, Shaft                 |            |          |
| 4    | 0423-393 | 1   | Clamp                       |            |          |
| 5    | 1402-045 | 1   | Shaft, Output               |            |          |
| 6    | 1502-085 | 1   | Shaft, Input                |            |          |
| 7    | 1402-011 | 1   | Seal                        |            |          |
| 8    | 0423-423 | 1   | Ring, Retaining             |            |          |
| 9    | 1502-237 | 1   | Bracket, Actuator           |            |          |
| 10   | 2502-194 | 1   | Actuator                    | (inc. 11)  |          |
| 11   | 1402-981 | 2   | O-Ring                      |            |          |
| 12   | 0423-396 | 3   | Screw, Self-Tapping         |            |          |
| 13   | 1402-043 | 1   | Bearing                     |            |          |
| 14   | 0423-118 | 11  | Screw, Self-Tapping         |            |          |
| 15   | 0502-528 | 1   | Housing, Pinion             |            |          |
| 16   | 0402-947 | 1   | Gasket, Flange              |            |          |
| 17   | 0423-417 | 1   | Ring, Retaining             |            |          |
| 18   | 0402-997 | 1   | Shaft, Selector             |            |          |

| Item | Part No. | Qty | Name                          | Context                                  | Footnote |
|------|----------|-----|-------------------------------|------------------------------------------|----------|
| 19   | 0423-402 | 1   | Ring, Retaining               |                                          |          |
| 20   | 0402-998 | 1   | Fork, Selector                |                                          |          |
| 21   | 0402-417 | 1   | Shaft, Shuttle                |                                          |          |
| 22   | 0423-147 | 1   | O-Ring                        |                                          |          |
| 23   | 0402-999 | 1   | Spring, Return                |                                          |          |
| 24   | 0402-413 | 1   | Coupler, Drive                |                                          |          |
| 25   | 1423-067 | 1   | Ring, Retaining               |                                          |          |
| 26   | 1502-851 | 1   | Gear, Pinion - Assembly - 11T | (inc. 27-28)                             |          |
| 27   | 1402-977 | 1   | Collar, Retaining             |                                          |          |
| 28   | 0402-327 | 1   | Bearing                       |                                          |          |
| 29   | 1502-856 | 1   | Housing, Gearcase             |                                          |          |
| 30   | 2402-160 | 1   | Fitting, Elbow                |                                          |          |
| 31   | 0402-328 | 1   | Bearing                       |                                          |          |
| 32   | 0402-411 | 1   | Pin, Dowel                    |                                          |          |
| 33   | 1402-210 | 1   | Plug, Magnetic                | (inc. one No. 34)                        |          |
| 34   | 0423-153 | 2   | O-Ring                        |                                          |          |
| 35   | 0423-149 | 1   | O-Ring                        |                                          |          |
| 36   | 0402-393 | 1   | Bearing                       |                                          |          |
| 37   | 0402-405 | AR  | Shim, 41 x 49 x 1.3 mm        |                                          |          |
| 37   | 0402-406 | AR  | Shim, 41 x 49 x 1.4 mm        |                                          |          |
| 37   | 0402-407 | AR  | Shim, 41 x 49 x 1.5 mm        |                                          |          |
| 37   | 0402-408 | AR  | Shim, 41 x 49 x 1.6 mm        |                                          |          |
| 37   | 0402-409 | AR  | Shim, 41 x 49 x 1.7 mm        |                                          |          |
| 38   | 1502-919 | 1   | Gear, Ring - 34T              |                                          |          |
| 39   | 1402-074 | AR  | Shim, 61 x 69 x 1.3 mm        |                                          |          |
| 39   | 1402-075 | AR  | Shim, 61 x 69 x 1.4 mm        |                                          |          |
| 39   | 1402-076 | AR  | Shim, 61 x 69 x 1.5 mm        |                                          |          |
| 39   | 1402-077 | AR  | Shim, 61 x 69 x 1.6 mm        |                                          |          |
| 39   | 1402-078 | AR  | Shim, 61 x 69 x 1.7 mm        |                                          |          |
| 40   | 2502-286 | 1   | Cover, Gearcase               | (inc. one No. 34, 41-51, and one No. 52) |          |
| 41   | 1402-053 | 1   | Bearing                       |                                          |          |
| 42   | 0502-413 | 1   | Flange, Bearing               |                                          |          |
| 43   | 1402-079 | 1   | Pin, Parallel                 |                                          |          |
| 44   | 1402-042 | 1   | Collar, Sliding               |                                          |          |
| 45   | 1402-054 | 1   | Fork                          |                                          |          |
| 46   | 1402-058 | 2   | Ring, Retaining               |                                          |          |
| 47   | 1402-057 | 1   | Spring                        |                                          |          |
| 48   | 1402-063 | 1   | Spring                        |                                          |          |
| 49   | 1402-656 | 1   | Shaft, Lock                   |                                          |          |

| Item | Part No. | Qty | Name            | Context           | Footnote |
|------|----------|-----|-----------------|-------------------|----------|
| 50   | 1402-211 | 1   | Plug, Oil Level | (inc. one No. 34) |          |
| 51   | 1402-056 | 1   | Seal            |                   |          |
| 52   | 2402-240 | 2   | Seal            |                   |          |
| 53   | 0402-333 | 1   | Plug, Fill      | (inc. 54)         |          |
| 54   | 0423-154 | 1   | O-Ring          |                   |          |

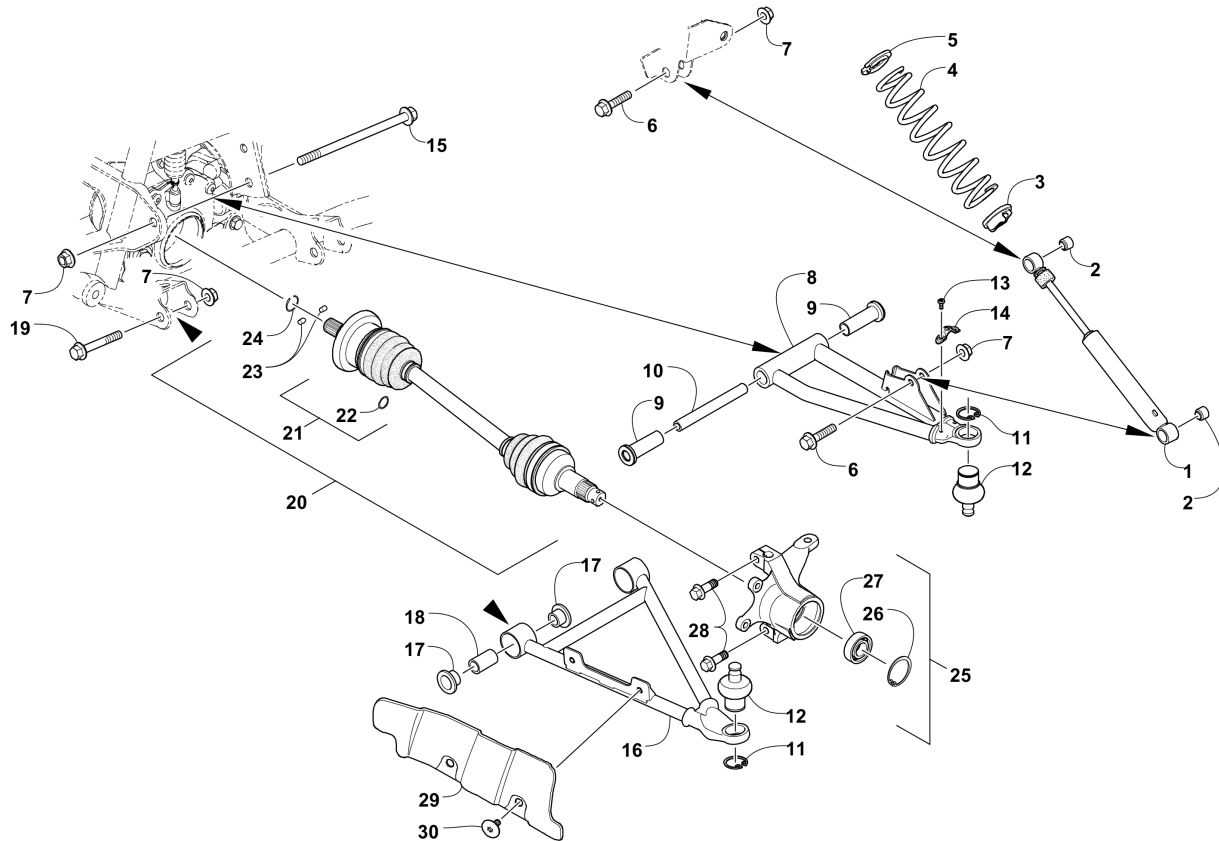
# FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES [301142]



| Item | Part No. | Qty | Name                         | Context    | Footnote |
|------|----------|-----|------------------------------|------------|----------|
| 1    | 2506-643 | 1   | Rack, Front - Assembly       | (inc. 2-3) |          |
| 2    | 0411-576 | 1   | Decal, Warning - Load        |            |          |
| 3    | 0441-592 | 4   | Bushing                      |            |          |
| 4    | 8410-835 | 4   | Screw, Cap                   |            |          |
| 5    | 0423-669 | 4   | Spacer                       |            |          |
| 6    | 0423-465 | 4   | Grommet                      |            |          |
| 7    | 8432-802 | 4   | Nut, Lock                    |            |          |
| 8    | 0423-654 | 2   | Screw, Shoulder              |            |          |
| 9    | 8050-222 | 2   | Washer                       |            |          |
| 10   | 8427-602 | 2   | Nut, Lock                    |            |          |
| 11   | 0509-044 | 1   | Headlight - Right - Assembly | (inc. 12)  |          |
| 11   | 0509-035 | 1   | Headlight Assembly - Left    | (inc. 12)  |          |
| 12   | 0409-055 | 4   | Bulb, Headlight              |            |          |
| 13   | 0423-514 | 2   | Stud, Adjuster - Headlight   |            |          |
| 14   | 0423-522 | 2   | Spring, Adjuster             |            |          |
| 15   | 0423-513 | 2   | Knob, Adjuster               |            |          |
| 16   | 0623-785 | 4   | Screw, Self-Tapping          |            |          |
| 17   | 8050-217 | 8   | Washer                       |            |          |
| 18   | 0423-447 | 4   | Grommet                      |            |          |
| 19   | 2406-300 | 1   | Panel, Side - Lower - Right  |            |          |

| Item | Part No. | Qty | Name                              | Context      | Footnote |
|------|----------|-----|-----------------------------------|--------------|----------|
| 19   | 2406-419 | 1   | Panel, Side - Lower - Left        |              |          |
| 20   | 0423-678 | 8   | Grommet                           |              |          |
| 21   | 0423-101 | 2   | Screw, Shoulder                   |              |          |
| 22   | 7506-037 | 1   | Panel, Fender - Assembly          | (inc. 23-27) |          |
| 23   | 0411-818 | 1   | Decal, Reflector - Right - Amber  |              |          |
| 23   | 0411-819 | 1   | Decal, Reflector - Left - Amber   |              |          |
| 24   | 1411-574 | 1   | Decal, Warning - Off-Road Only    |              |          |
| 25   | 1411-804 | 1   | Decal, Warning - Age (16)         |              |          |
| 26   | 1411-932 | 1   | Decal, Warning - General          |              |          |
| 27   | 4411-818 | 1   | Decal, Warning - Turn/Hill        |              |          |
| 28   | 5411-346 | 1   | Decal, "700 EFI" - Right          |              |          |
| 28   | 5411-347 | 1   | Decal, "700 EFI" - Left           |              |          |
| 29   | 5411-348 | 1   | Decal, Side - Upper Right - Black |              |          |
| 29   | 5411-349 | 1   | Decal, Side - Upper Left - Black  |              |          |
| 30   | 7506-039 | 1   | Cover, Intake - Front - Black     |              |          |
| 31   | 5411-345 | 1   | Decal, Intake - Front - Black     |              |          |
| 32   | 7506-041 | 1   | Cover, Intake - Rear - Black      |              |          |
| 33   | 8468-645 | 2   | Screw, Machine                    |              |          |
| 34   | 8468-616 | 4   | Screw, Machine                    |              |          |
| 35   | 0623-362 | 6   | Clip, Retaining                   |              |          |
| 36   | 2416-100 | 1   | Shield, Splash                    |              |          |
| 37   | 0423-535 | 2   | Rivet, Reinstallable              |              |          |
| 38   | 2516-170 | 1   | Cover, Access                     |              |          |
| 39   | 0423-577 | 4   | Clip, U-Nut                       |              |          |
| 40   | 1406-484 | 1   | Cover, Steering Post              |              |          |
| 41   | 0470-513 | 1   | Cover, Storage Box                |              |          |
| 42   | 1406-573 | 1   | Box, Storage                      |              |          |
| 43   | 2506-234 | 1   | Lid, Storage Box - w/Latch        | (inc. 44-45) |          |
| 44   | 1406-599 | 1   | Latch, Storage Box                |              |          |
| 45   | 0470-514 | 1   | Lid, Storage Box                  |              |          |

# FRONT SUSPENSION ASSEMBLY [301146]

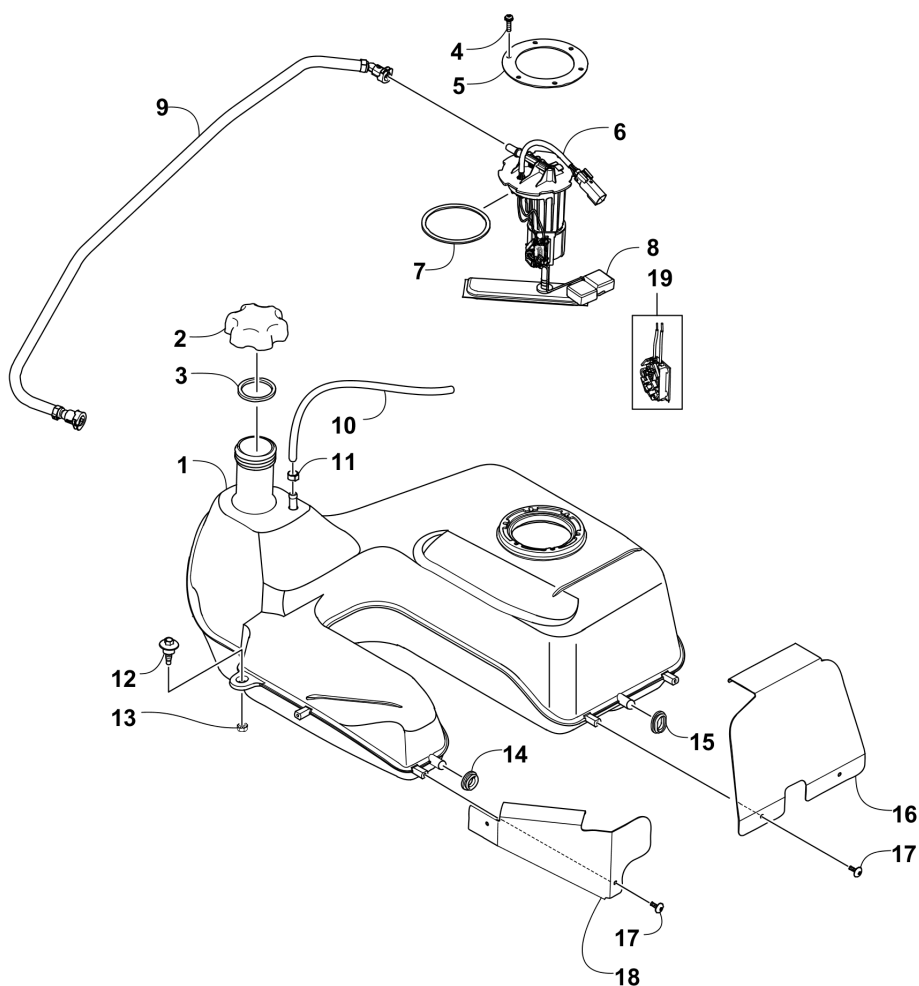


| Item | Part No. | Qty | Name                                          | Context                        | Footnote |
|------|----------|-----|-----------------------------------------------|--------------------------------|----------|
| 1    | 0403-180 | 2   | Shock, Front                                  | (inc. 2)                       |          |
| 2    | 0403-182 | 4   | Bushing                                       |                                |          |
| 3    | 0403-395 | 2   | Cam, Adjuster - Spring                        |                                |          |
| 4    | 0503-746 | 2   | Spring, Suspension - Green                    |                                |          |
| 5    | 1603-889 | 2   | Retainer, Spring                              |                                |          |
| 6    | 8409-040 | 4   | Screw, Cap                                    |                                |          |
| 7    | 0423-744 | 10  | Nut, Lock                                     |                                |          |
| 8    | 0503-416 | 1   | A-Arm, Front Upper - Right - Black - Assembly | (inc. 9-12)                    |          |
| 8    | 0503-417 | 1   | A-Arm, Front Upper - Left - Black - Assembly  | (inc. 9-12)                    |          |
| 9    | 0403-289 | 4   | Bushing, Upper A-Arm Suspension               |                                |          |
| 10   | 0403-439 | 2   | Axle                                          |                                |          |
| 11   | 0423-009 | 4   | Clip, Ball Joint                              |                                |          |
| 12   | 0405-483 | 4   | Ball Joint                                    |                                |          |
| 13   | 0423-946 | 4   | Screw, Self-Tapping                           |                                |          |
| 14   | 1502-594 | 2   | Clamp, Routing                                |                                |          |
| 15   | 0423-334 | 2   | Screw, Cap                                    |                                |          |
| 16   | 0503-376 | 1   | A-Arm, Front Lower - Right - Assembly (Black) | (inc. 17-18 and two No. 11-12) |          |
| 16   | 0503-377 | 1   | A-Arm, Front Lower - Left - Assembly (Black)  | (inc. 17-18 and two No. 11-12) |          |
| 17   | 0403-409 | 8   | Bushing                                       |                                |          |



| Item | Part No. | Qty | Name                                 | Context      | Footnote |
|------|----------|-----|--------------------------------------|--------------|----------|
| 18   | 0403-438 | 4   | Collar                               |              |          |
| 19   | 8409-075 | 4   | Screw, Cap                           |              |          |
| 20   | 2502-307 | 2   | Kit, Halfshaft                       | (inc. 21-24) |          |
| 21   | 2436-112 | 2   | Repair Kit, Boot                     | (inc. 22)    |          |
| 22   | 1441-988 | 2   | Clip, Retaining                      |              |          |
| 23   | 1402-885 | 4   | Pin, Detent                          |              |          |
| 24   | 1402-889 | 2   | Clip, Retaining                      |              |          |
| 25   | 0505-576 | 1   | Knuckle, Steering - Right - Assembly | (inc. 26-27) |          |
| 25   | 0505-577 | 1   | Knuckle, Steering - Left - Assembly  | (inc. 26-27) |          |
| 26   | 0423-423 | 2   | Ring, Retaining                      |              |          |
| 27   | 1402-809 | 2   | Bearing                              |              |          |
| 28   | 0423-998 | 4   | Screw, Shoulder                      |              |          |
| 29   | 1406-034 | 1   | Guard, Boot - Axle - Right           |              |          |
| 29   | 1406-035 | 1   | Guard, Boot - Axle - Left            |              |          |
| 30   | 0423-545 | 4   | Screw, Shoulder                      |              |          |

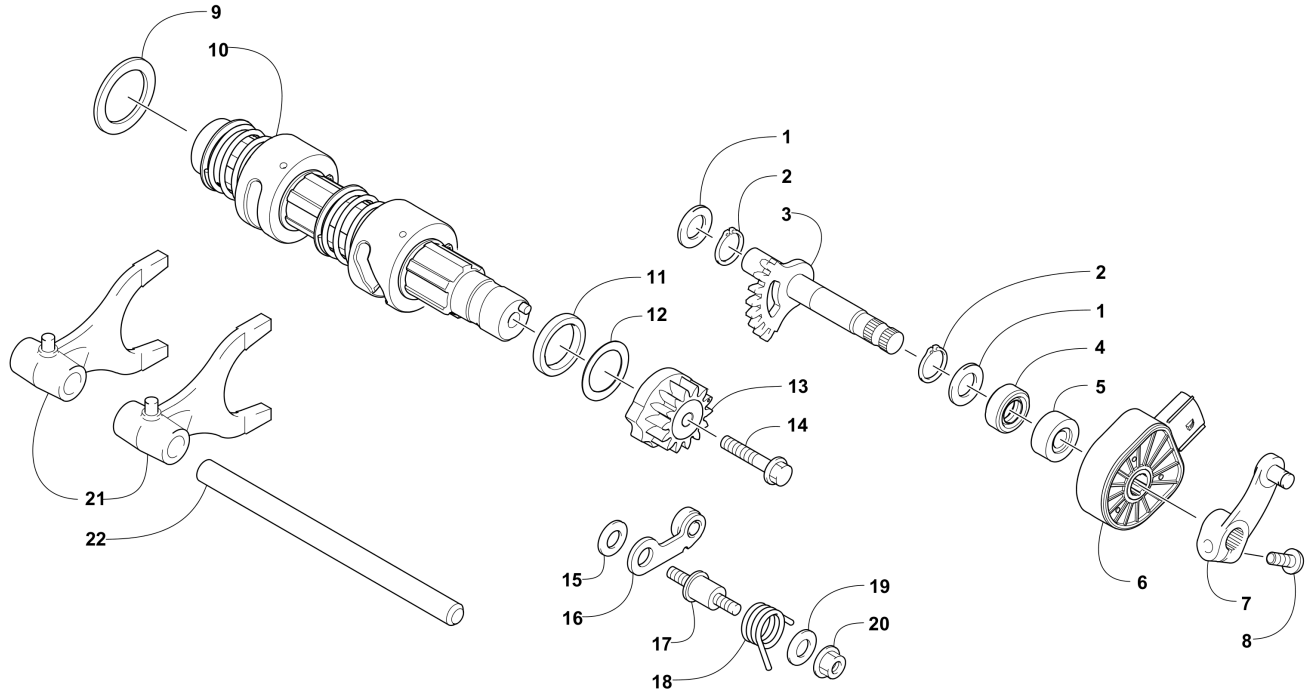
# GAS TANK ASSEMBLY [301166]



| Item | Part No. | Qty | Name                     | Context    | Footnote |
|------|----------|-----|--------------------------|------------|----------|
| 1    | 0570-307 | 1   | Tank, Gas - Assembly     | (inc. 2-5) |          |
| 2    | 0470-438 | 1   | Cap, Gas Tank - Assembly | (inc. 3)   |          |
| 3    | 0109-733 | 1   | Seal, Gas Tank Cap       |            |          |
| 4    | 0423-898 | 6   | Screw, Self-Tapping      |            |          |
| 5    | 2670-042 | 1   | Plate, Retaining         |            |          |
| 6    | 0570-432 | 1   | Pump, Fuel - Assembly    | (inc. 7-8) |          |
| 7    | 0470-838 | 1   | Seal                     |            |          |
| 8    | 2670-235 | 1   | Float                    |            |          |
| 9    | 0570-317 | 1   | Hose, Gasline - Assembly |            |          |
| 10   | 0410-070 | AR  | Hose - 25 ft             |            |          |
| 11   | 0423-688 | 1   | Clamp, Hose              |            |          |
| 12   | 0423-732 | 2   | Screw, Shoulder          |            |          |
| 13   | 0623-038 | 1   | Nut w/Washer             |            |          |
| 14   | 0423-460 | 1   | Grommet                  |            |          |
| 15   | 0423-806 | 1   | Grommet                  |            |          |

| Item | Part No. | Qty | Name                            | Context | Footnote |
|------|----------|-----|---------------------------------|---------|----------|
| 16   | 0470-710 | 1   | Shield, Heat - Gas Tank - Rear  |         |          |
| 17   | 0623-797 | 4   | Screw, Self-Tapping             |         |          |
| 18   | 0470-709 | 1   | Shield, Heat - Gas Tank - Front |         |          |
| 19   | 1770-170 | 1   | Fuel Level Sensor Kit           |         |          |

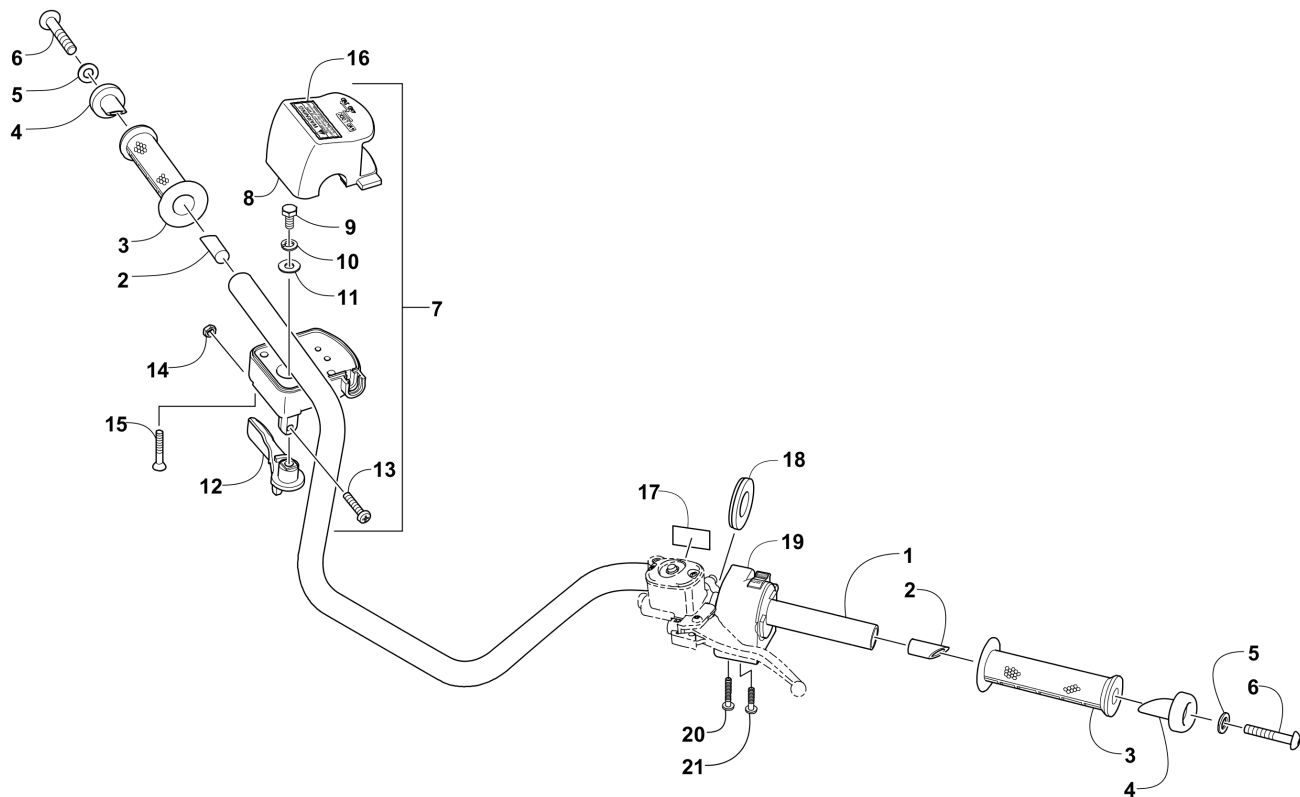
## GEAR SHIFTING ASSEMBLY [300127]



| Item | Part No. | Qty | Name                         | Context | Footnote |
|------|----------|-----|------------------------------|---------|----------|
| 1    | 0828-036 | 2   | Washer                       |         |          |
| 2    | 0831-010 | 2   | Ring, Retaining              |         |          |
| 3    | 0818-155 | 1   | Shaft, Sub-Gear Shift        |         |          |
| 4    | 0830-044 | 1   | Seal, Sub-Gear Shift Shaft   |         |          |
| 5    | 0818-152 | 1   | Spacer                       |         |          |
| 6    | 0409-125 | 1   | Switch, Gear Position        |         |          |
| 7    | 0818-164 | 1   | Arm, Select                  |         |          |
| 8    | 8468-620 | 1   | Screw, Machine               |         |          |
| 9    | 0828-040 | 1   | Washer                       |         |          |
| 10   | 0818-133 | 1   | Shaft, Gear Shift - Assembly |         |          |
| 11   | 0828-131 | 1   | Spacer                       |         |          |
| 12   | 0828-037 | 1   | Washer                       |         |          |
| 13   | 0818-143 | 1   | Cam, Gear Shift              |         |          |
| 14   | 0826-006 | 1   | Screw, Cap                   |         |          |
| 15   | 0828-038 | 1   | Washer                       |         |          |
| 16   | 0818-002 | 1   | Stopper, Cam                 |         |          |
| 17   | 0818-004 | 1   | Support, Cam Stopper         |         |          |
| 18   | 0818-144 | 1   | Spring                       |         |          |
| 19   | 0828-035 | 1   | Washer                       |         |          |
| 20   | 8424-602 | 1   | Nut, Lock                    |         |          |

| Item | Part No. | Qty | Name              | Context | Footnote |
|------|----------|-----|-------------------|---------|----------|
| 21   | 0818-072 | 2   | Fork, Shift       |         |          |
| 22   | 0818-006 | 1   | Shaft, Shift Fork |         |          |

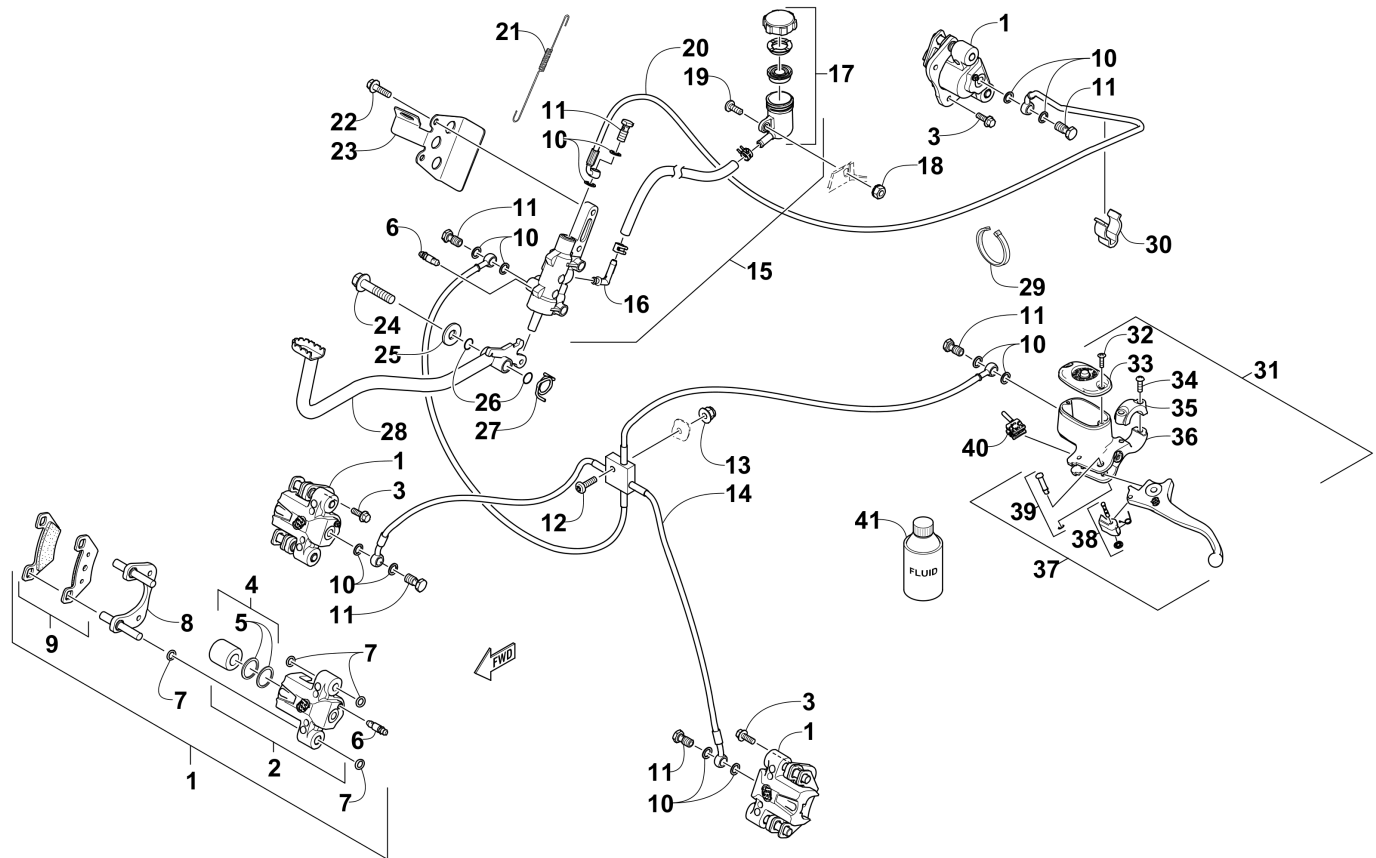
# HANDLEBAR ASSEMBLY [97624]



| Item | Part No. | Qty | Name                               | Context     | Footnote |
|------|----------|-----|------------------------------------|-------------|----------|
| 1    | 0505-537 | 1   | Handlebar                          |             |          |
| 2    | 0405-218 | 2   | Plug, Handlebar                    |             |          |
| 3    | 0405-147 | 2   | Grip, Handlebar                    |             |          |
| 4    | 0405-149 | 2   | End Cap, Handlebar                 |             |          |
| 5    | 8050-247 | 2   | Washer                             |             |          |
| 6    | 8477-845 | 2   | Screw, Machine                     |             |          |
| 7    | 0509-054 | 1   | Case, Throttle - Assembly          | (inc. 8-15) |          |
| 8    | 0409-141 | 1   | Cover, Throttle Case - w/Switch    |             |          |
| 9    | 3007-392 | 1   | Bolt                               |             |          |
| 10   | 3004-447 | 1   | Washer, Lock                       |             |          |
| 11   | 3003-030 | 1   | Washer                             |             |          |
| 12   | 0409-133 | 1   | Lever, Throttle                    |             |          |
| 13   | 3423-014 | 1   | Screw, Machine                     |             |          |
| 14   | 3423-327 | 1   | Nut                                |             |          |
| 15   | 3423-199 | 2   | Screw, Machine                     |             |          |
| 16   | 0411-966 | 1   | Decal, Warning - Differential Lock |             |          |
| 17   | 1411-865 | 1   | Decal, Brake Lever Lock            |             |          |
| 18   | 3409-019 | 1   | Cover, Switch Housing              |             |          |

| Item | Part No. | Qty | Name                       | Context      | Footnote |
|------|----------|-----|----------------------------|--------------|----------|
| 19   | 0509-014 | 1   | Switch, Control - Assembly | (inc. 20-21) |          |
| 20   | 0409-027 | 1   | Screw, Machine             |              |          |
| 21   | 0409-028 | 1   | Screw, Machine             |              |          |

# HYDRAULIC BRAKE ASSEMBLY [97628]

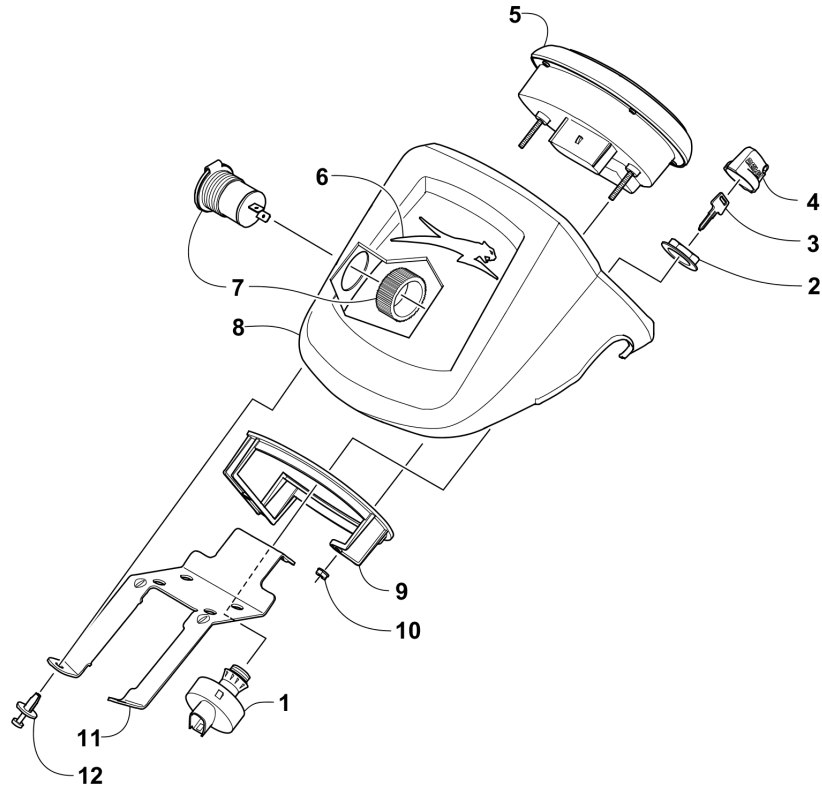


| Item | Part No. | Qty | Name                                         | Context      | Footnote                |
|------|----------|-----|----------------------------------------------|--------------|-------------------------|
| 1    | 1502-730 | 1   | Caliper, Brake                               | (inc. 2-9)   | Front Right             |
| 1    | 1502-731 | 2   | Caliper, Brake                               | (inc. 2-9)   | Front Left & Rear Right |
| 2    | 1436-160 | 1   | Housing, Caliper - Assembly                  | (inc. 3-6)   | Front Right             |
| 2    | 1436-161 | 2   | Housing, Caliper - Assembly                  | (inc. 3-6)   | Front Left & Rear Right |
| 3    | 8408-821 | 6   | Screw, Cap                                   |              |                         |
| 4    | 0502-606 | 3   | Piston/Seal Set                              | (inc. 5)     |                         |
| 5    | 0502-607 | 3   | Seal Set                                     |              |                         |
| 6    | 0502-609 | 4   | Valve, Bleed                                 |              |                         |
| 7    | 0502-608 | 3   | O-Ring, Guide - Set                          |              |                         |
| 8    | 0502-960 | 3   | Bracket Assembly - Front                     |              |                         |
| 9    | 1436-420 | 3   | Pad, Brake - Set                             |              |                         |
| 10   | 0423-178 | 12  | Washer, Crush                                |              |                         |
| 11   | 0423-413 | 6   | Bolt, Banjo-Fitting                          |              |                         |
| 12   | 8476-625 | 1   | Screw, Machine                               |              |                         |
| 13   | 8427-602 | 1   | Nut, Lock                                    |              |                         |
| 14   | 1502-015 | 1   | Hose, Brakeline - Assembly                   |              |                         |
| 15   | 1502-293 | 1   | Brake Assembly                               | (inc. 16-17) |                         |
| 16   | 1502-296 | 1   | Hose Adapter Spout, 90-Degree - Grommet Seal |              |                         |
| 17   | 1502-155 | 1   | Reservoir, Brake w/Clamp                     |              |                         |



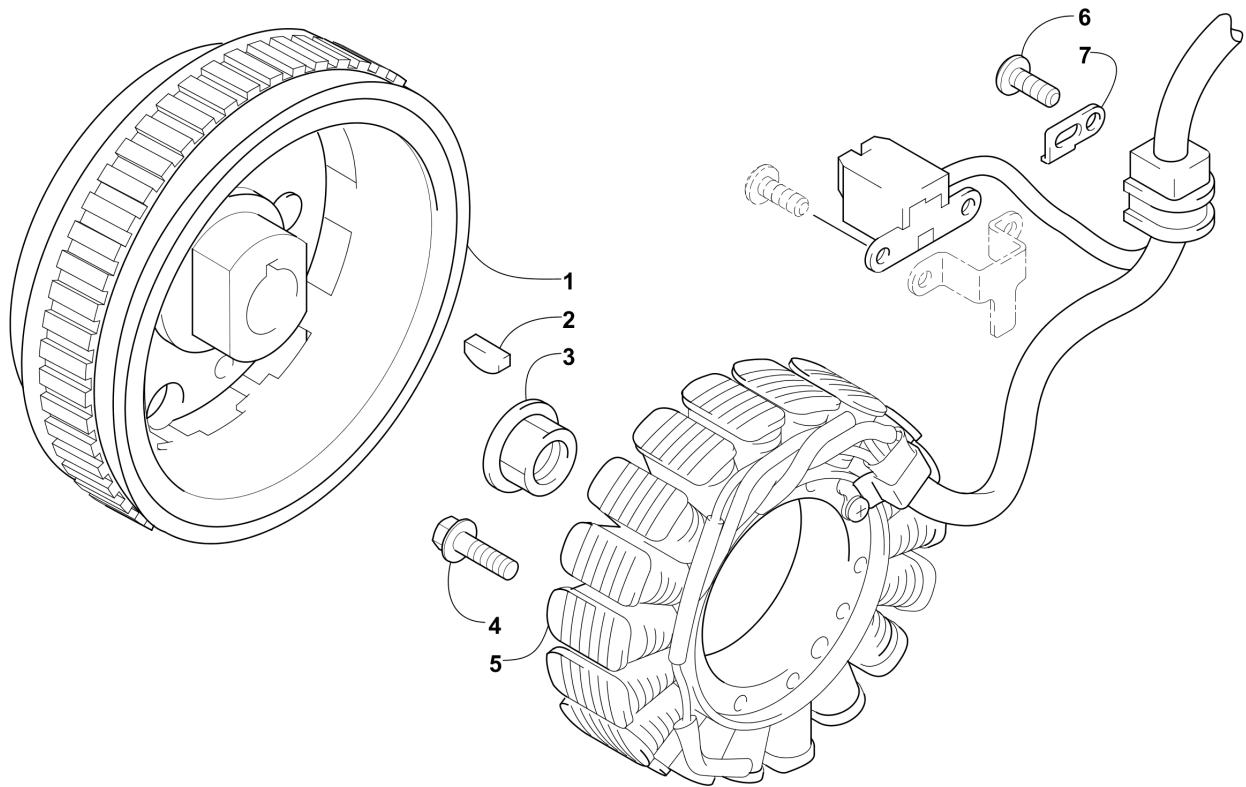
| Item | Part No. | Qty | Name                                      | Context      | Footnote |
|------|----------|-----|-------------------------------------------|--------------|----------|
| 18   | 0623-038 | 1   | Nut w/Washer                              |              |          |
| 19   | 8476-616 | 1   | Screw, Machine                            |              |          |
| 20   | 1502-593 | 1   | Hose, Brakeline                           |              |          |
| 21   | 0502-785 | 1   | Spring, Brake Switch                      |              |          |
| 22   | 8408-625 | 2   | Screw, Cap                                |              |          |
| 23   | 1502-179 | 1   | Bracket, Switch                           |              |          |
| 24   | 8408-816 | 1   | Screw, Cap                                |              |          |
| 25   | 8050-252 | 1   | Washer                                    |              |          |
| 26   | 1602-213 | 2   | O-Ring                                    |              |          |
| 27   | 0502-807 | 1   | Spring, Brake Lever                       |              |          |
| 28   | 1502-063 | 1   | Lever, Brake                              |              |          |
| 29   | 0123-788 | AR  | Tie, Cable - 8 in.                        |              |          |
| 30   | 1502-115 | 2   | Clip, Brakeline Hose                      |              |          |
| 31   | 1502-902 | 1   | Cylinder, Master Brake - Black - Assembly | (inc. 32-40) |          |
| 32   | 0502-566 | 2   | Screw, Machine                            |              |          |
| 33   | 0502-868 | 1   | Cover, Reservoir                          |              |          |
| 34   | 0502-568 | 2   | Screw, Machine                            |              |          |
| 35   | 0502-869 | 1   | Clamp, Handlebar                          |              |          |
| 36   | 0502-704 | 1   | Master Cylinder Assembly                  |              |          |
| 37   | 1502-904 | 1   | Lever Assembly - Kit                      | (inc. 38-39) |          |
| 38   | 1502-905 | 1   | Lock, Brake Lever - Kit                   |              |          |
| 39   | 0502-580 | 1   | Lever Pin - Kit                           |              |          |
| 40   | 0502-564 | 1   | Kit, Brake Light Switch                   |              |          |
| 41   | 5639-848 | AR  | Fluid, Brake - 12 oz                      |              |          |

# INSTRUMENT POD ASSEMBLY [301145]



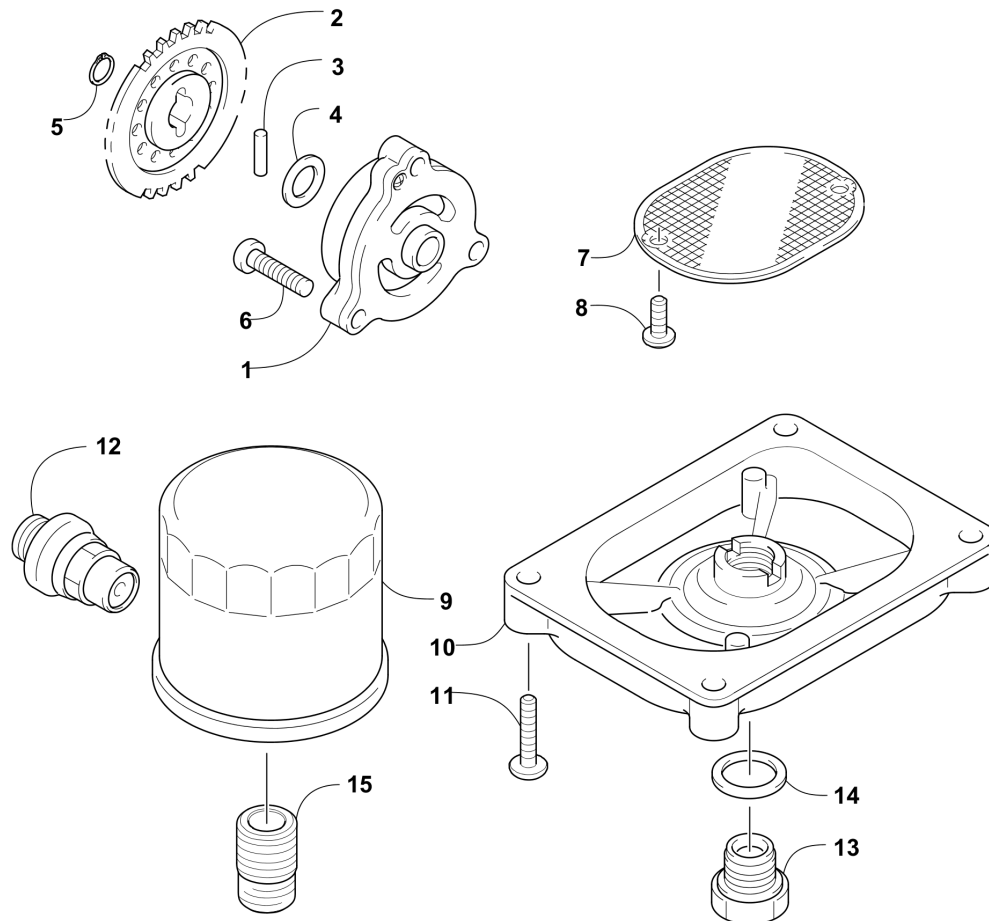
| Item | Part No. | Qty | Name                               | Context    | Footnote |
|------|----------|-----|------------------------------------|------------|----------|
| 1    | 0430-090 | 1   | Switch, Ignition - Assembly        | (inc. 2-4) |          |
| 2    | 0430-050 | 1   | Nut, Retaining                     |            |          |
| 3    | 0430-042 | 1   | Key, Ignition - Y                  |            |          |
| 3    | 0430-043 | 1   | Key, Ignition - Z                  |            |          |
| 4    | 0430-054 | 1   | Cover, Key                         |            |          |
| 5    | 0520-220 | 1   | Gauge, LCD                         |            |          |
| 6    | 4411-479 | 1   | Decal, AirCat                      |            |          |
| 7    | 0641-897 | 1   | Outlet, Accessory - 12V            |            |          |
| 8    | 0505-591 | 1   | Pod, Instrument - Black            |            |          |
| 9    | 0420-065 | 1   | Bracket, Retaining                 |            |          |
| 10   | 0423-493 | 2   | Nut w/Washer                       |            |          |
| 11   | 2506-470 | 1   | Bracket, Mounting - Instrument Pod |            |          |
| 12   | 0423-535 | 2   | Rivet, Reinstallable               |            |          |

# MAGNETO ASSEMBLY [300128]



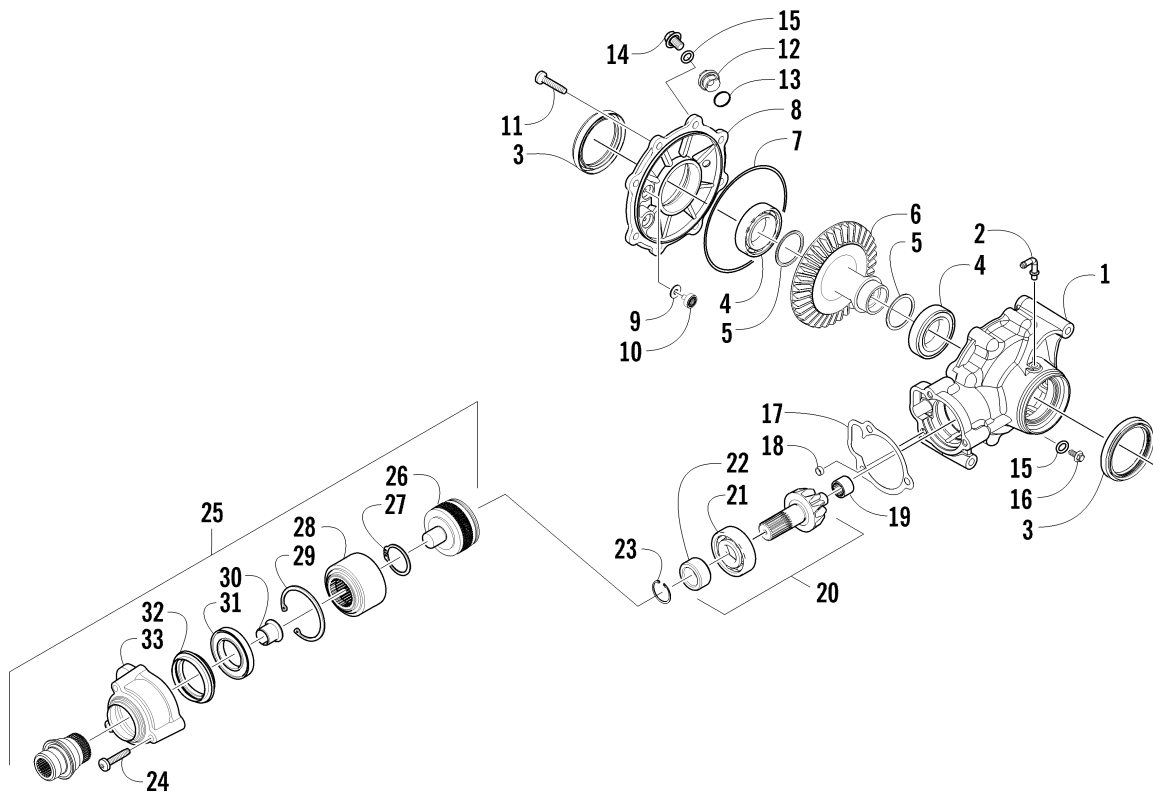
| Item | Part No. | Qty | Name           | Context | Footnote |
|------|----------|-----|----------------|---------|----------|
| 1    | 0802-062 | 1   | Rotor/Flywheel |         |          |
| 2    | 0829-012 | 1   | Key            |         |          |
| 3    | 0827-014 | 1   | Nut            |         |          |
| 4    | 8409-632 | 3   | Screw, Machine |         |          |
| 5    | 0802-073 | 1   | Stator         |         |          |
| 6    | 8470-510 | 1   | Screw, Machine |         |          |
| 7    | 0802-015 | 1   | Clamp - No. 1  |         |          |

# OIL FILTER/PUMP ASSEMBLY [99739]



| Item | Part No. | Qty | Name               | Context | Footnote |
|------|----------|-----|--------------------|---------|----------|
| 1    | 0812-023 | 1   | Pump, Oil          |         |          |
| 2    | 0812-083 | 1   | Gear, Driven       |         |          |
| 3    | 0829-009 | 1   | Pin                |         |          |
| 4    | 0828-007 | 1   | Washer             |         |          |
| 5    | 0831-002 | 1   | Ring, Retaining    |         |          |
| 6    | 0826-039 | 3   | Screw, Machine     |         |          |
| 7    | 0812-057 | 1   | Strainer, Oil      |         |          |
| 8    | 0826-040 | 2   | Screw, Machine     |         |          |
| 9    | 0812-034 | 1   | Filter, Oil        |         |          |
| 10   | 0812-053 | 1   | Cap, Oil Strainer  |         |          |
| 11   | 8468-625 | 4   | Screw, Machine     |         |          |
| 12   | 0812-007 | 1   | Valve, Oil-Relief  |         |          |
| 13   | 0812-006 | 1   | Plug, Drain        |         |          |
| 14   | 0830-017 | 1   | Gasket, Drain Plug |         |          |
| 15   | 0812-066 | 1   | Union, Oil Filter  |         |          |

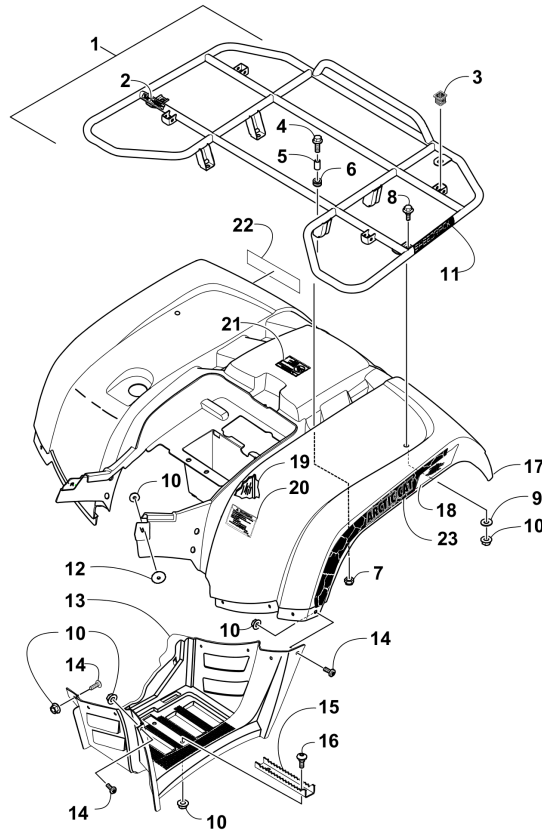
# REAR DRIVE GEARCASE ASSEMBLY [100344]



| Item      | Part No. | Qty | Name                                  | Context | Footnote |
|-----------|----------|-----|---------------------------------------|---------|----------|
| Not Shown | 2502-092 | 1   | Complete Rear Drive Gearcase Assembly |         |          |
| 1         | 1502-896 | 1   | Housing, Gearcase                     |         |          |
| 2         | 2402-162 | 1   | Fitting, Elbow                        |         |          |
| 3         | 2402-150 | 2   | Seal, Gearcase                        |         |          |
| 4         | 0402-393 | 2   | Bearing                               |         |          |
| 5         | 0402-405 | AR  | Shim, 41 x 49 x 1.3 mm                |         |          |
| 5         | 0402-406 | AR  | Shim, 41 x 49 x 1.4 mm                |         |          |
| 5         | 0402-407 | AR  | Shim, 41 x 49 x 1.5 mm                |         |          |
| 5         | 0402-408 | AR  | Shim, 41 x 49 x 1.6 mm                |         |          |
| 5         | 0402-409 | AR  | Shim, 41 x 49 x 1.7 mm                |         |          |
| 6         | 1402-033 | 1   | Gear, Ring - 34T                      |         |          |
| 7         | 0423-149 | 1   | O-Ring                                |         |          |
| 8         | 1502-897 | 1   | Cover, Gearcase                       |         |          |
| 9         | 0402-429 | AR  | Shim, 6.3 x 18 x 1.3 mm               |         |          |
| 9         | 0402-430 | AR  | Shim, 6.3 x 18 x 1.4 mm               |         |          |
| 9         | 0402-431 | AR  | Shim, 6.3 x 18 x 1.5 mm               |         |          |
| 9         | 0402-432 | AR  | Shim, 6.3 x 18 x 1.6 mm               |         |          |
| 9         | 0402-433 | AR  | Shim, 6.3 x 18 x 1.7 mm               |         |          |
| 10        | 0402-326 | 1   | Button, Thrust                        |         |          |
| 11        | 0423-118 | 8   | Screw, Self-Tapping                   |         |          |

| Item | Part No. | Qty | Name                          | Context           | Footnote |
|------|----------|-----|-------------------------------|-------------------|----------|
| 12   | 0402-333 | 1   | Plug, Fill                    | (inc. 13)         |          |
| 13   | 0423-154 | 1   | O-Ring                        |                   |          |
| 14   | 1402-211 | 1   | Plug, Oil Level               | (inc. one No. 15) |          |
| 15   | 0423-153 | 2   | O-Ring                        |                   |          |
| 16   | 1402-210 | 1   | Plug, Magnetic                | (inc. one No. 15) |          |
| 17   | 0402-947 | 1   | Gasket, Flange                |                   |          |
| 18   | 0402-411 | 1   | Pin, Dowel                    |                   |          |
| 19   | 0402-328 | 1   | Bearing                       |                   |          |
| 20   | 1502-851 | 1   | Gear, Pinion - Assembly - 11T | (inc. 21-22)      |          |
| 21   | 0402-327 | 1   | Bearing                       |                   |          |
| 22   | 1402-977 | 1   | Collar, Retaining             |                   |          |
| 23   | 1423-067 | 1   | Ring, Retaining               |                   |          |
| 24   | 0423-834 | 3   | Screw, Self-Tapping           |                   |          |
| 25   | 1502-829 | 1   | Shaft, Input                  | (inc. 26-33)      |          |
| 26   | 1502-564 | 1   | Cartridge, Clutch             |                   |          |
| 27   | 0423-799 | 1   | Ring, Retaining - External    |                   |          |
| 28   | 1402-682 | 1   | Basket, Clutch                |                   |          |
| 29   | 0423-798 | 1   | Ring, Retaining - Internal    |                   |          |
| 30   | 1402-678 | 1   | Bearing, Flange               |                   |          |
| 31   | 1402-677 | 1   | Bearing                       |                   |          |
| 32   | 1402-687 | 1   | Seal                          |                   |          |
| 33   | 1502-285 | 1   | Housing, Input                |                   |          |

# REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES [301143]

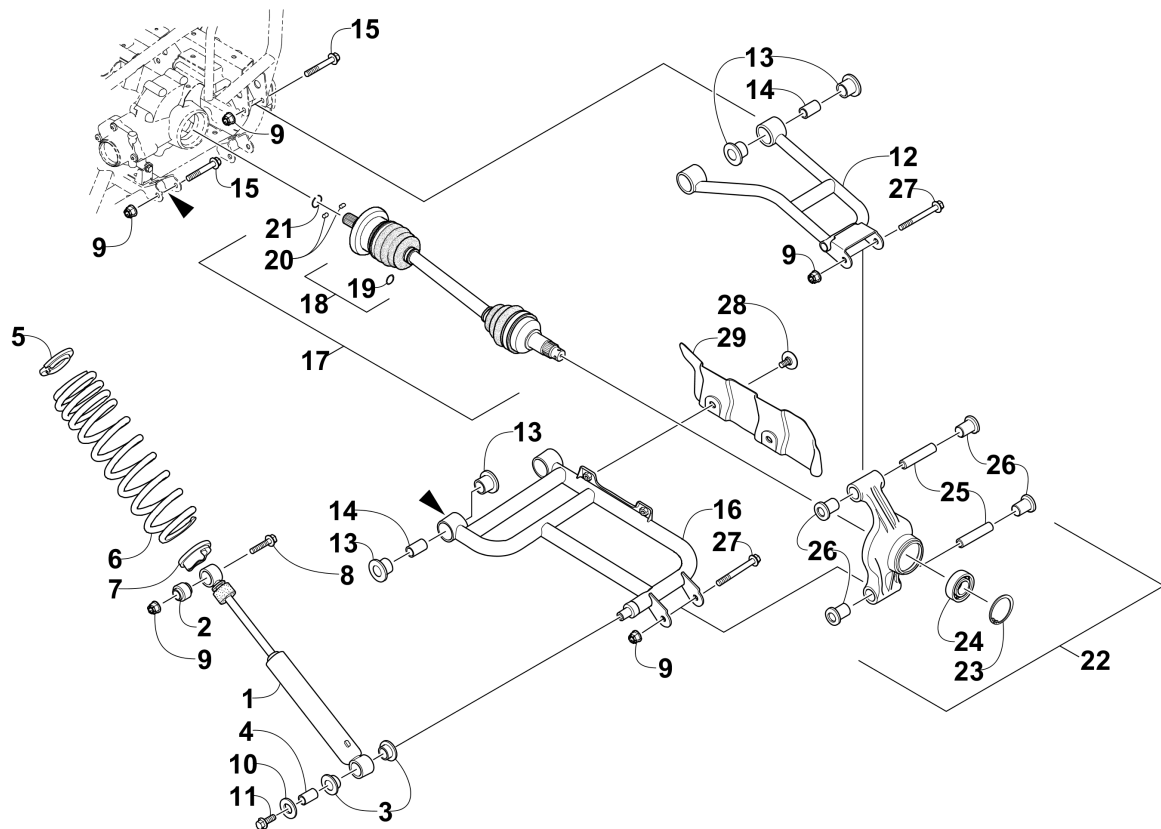


| Item | Part No. | Qty | Name                     | Context      | Footnote |
|------|----------|-----|--------------------------|--------------|----------|
| 1    | 2506-125 | 1   | Rack, Rear - Assembly    | (inc. 2-3)   |          |
| 2    | 0411-648 | 1   | Decal, Warning - Load    |              |          |
| 3    | 0441-592 | 4   | Bushing                  |              |          |
| 4    | 8410-835 | 4   | Screw, Cap               |              |          |
| 5    | 0423-669 | 4   | Spacer                   |              |          |
| 6    | 0423-465 | 4   | Grommet                  |              |          |
| 7    | 8432-802 | 4   | Nut, Lock                |              |          |
| 8    | 0423-654 | 2   | Screw, Shoulder          |              |          |
| 9    | 8050-222 | 2   | Washer                   |              |          |
| 10   | 8427-602 | 26  | Nut, Lock                |              |          |
| 11   | 0411-965 | 2   | Decal, Speedrack         |              |          |
| 12   | 0423-101 | 2   | Screw, Shoulder          |              |          |
| 13   | 1406-356 | 1   | Footwell - Right         |              |          |
| 13   | 2406-429 | 1   | Footwell - Left          |              |          |
| 14   | 0423-419 | 18  | Screw, Machine           |              |          |
| 15   | 5506-497 | 2   | Footpeg - Black          |              |          |
| 16   | 0423-355 | 4   | Screw, Shoulder          |              |          |
| 17   | 7506-045 | 1   | Panel, Fender - Assembly | (inc. 18-21) |          |
| 18   | 1411-592 | 1   | Decal, Reflector - Right |              |          |
| 18   | 1411-593 | 1   | Decal, Reflector - Left  |              |          |

| Item | Part No. | Qty | Name                           | Context | Footnote |
|------|----------|-----|--------------------------------|---------|----------|
| 19   | 0470-658 | 1   | Foil, Protective               |         |          |
| 20   | 4411-836 | 1   | Decal, Warning - Tire Pressure |         |          |
| 21   | 1411-809 | 1   | Decal, Warning - Passenger     |         |          |
| 22   | 5411-508 | 1   | Decal, Arctic Cat              |         |          |
| 23   | 5411-350 | 1   | Decal, "Arctic Cat" - Right    |         |          |
| 23   | 5411-351 | 1   | Decal, "Arctic Cat" - Left     |         |          |



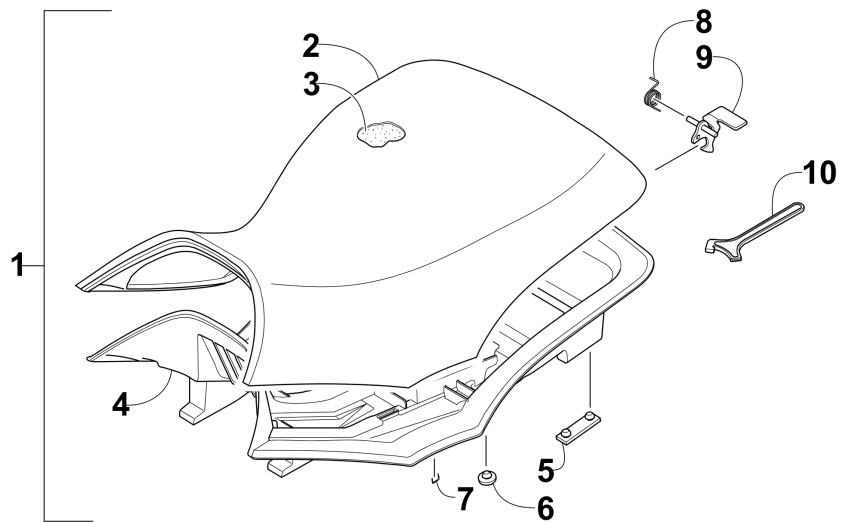
# REAR SUSPENSION ASSEMBLY [301147]



| Item | Part No. | Qty | Name                              | Context      | Footnote |
|------|----------|-----|-----------------------------------|--------------|----------|
| 1    | 0404-150 | 2   | Shock Absorber                    | (inc. 2-4)   |          |
| 2    | 0403-182 | 2   | Bushing                           |              |          |
| 3    | 0603-955 | 4   | Bushing                           |              |          |
| 4    | 1603-219 | 2   | Sleeve                            |              |          |
| 5    | 1603-889 | 2   | Retainer, Spring                  |              |          |
| 6    | 0504-853 | 2   | Spring, Suspension - Green        |              |          |
| 7    | 0404-496 | 2   | Cam, Spring Adjuster              |              |          |
| 8    | 8409-040 | 1   | Screw, Cap                        |              |          |
| 8    | 8409-050 | 1   | Screw, Cap                        |              |          |
| 9    | 0423-744 | 14  | Nut, Lock                         |              |          |
| 10   | 0423-087 | 2   | Washer                            |              |          |
| 11   | 8408-820 | 2   | Screw, Cap                        |              |          |
| 12   | 0504-582 | 1   | A-Arm, Rear - Upper Right - Black | (inc. 13-14) |          |
| 12   | 0504-583 | 1   | A-Arm, Rear - Upper Left - Black  | (inc. 13-14) |          |
| 13   | 0403-409 | 16  | Bushing                           |              |          |
| 14   | 0403-438 | 8   | Collar                            |              |          |
| 15   | 8409-075 | 8   | Screw, Cap                        |              |          |
| 16   | 0504-572 | 1   | A-Arm, Rear - Lower Right - Black | (inc. 13-14) |          |
| 16   | 0504-573 | 1   | A-Arm, Rear - Lower Left          | (inc. 13-14) |          |
| 17   | 1502-941 | 2   | Kit, Halfshaft                    | (inc. 18-21) |          |

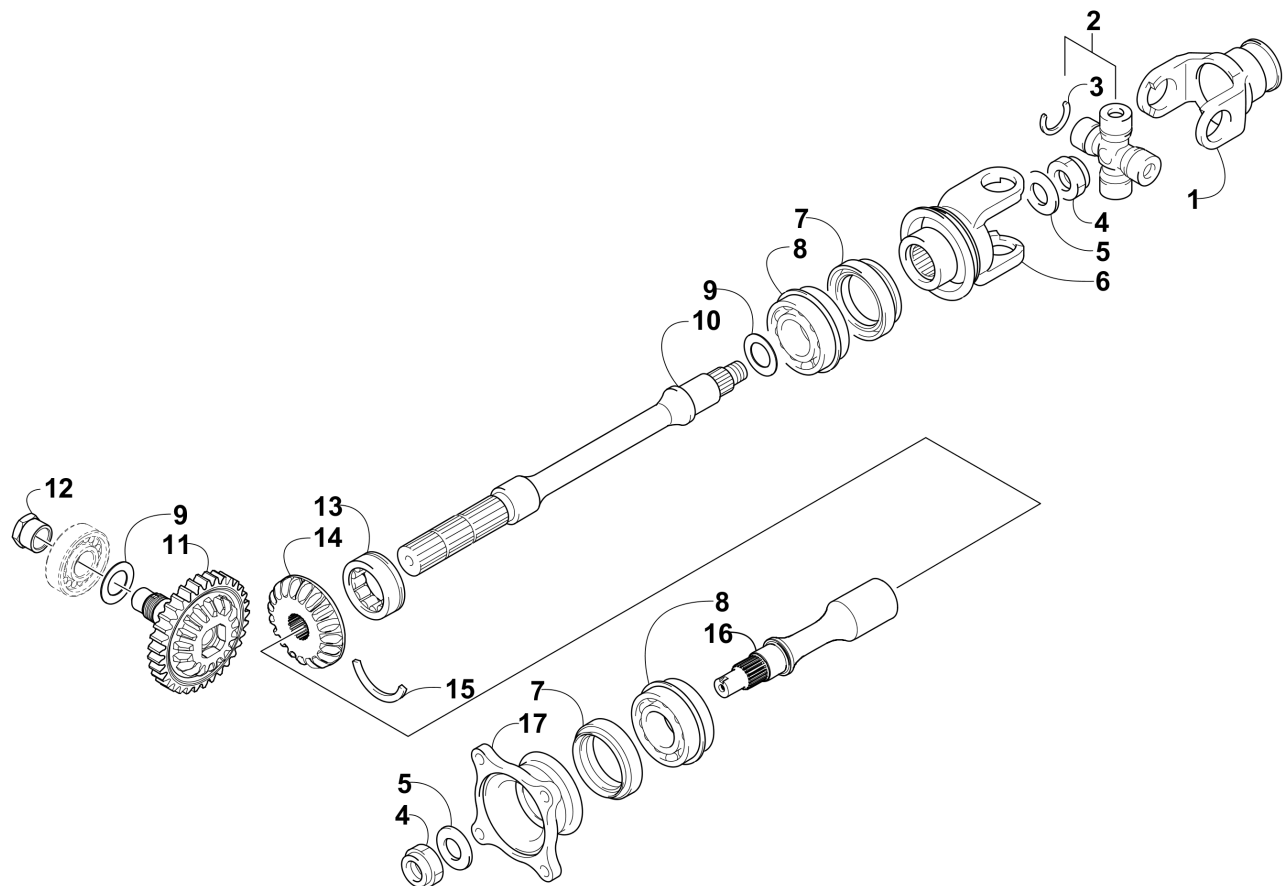
| Item | Part No. | Qty | Name                       | Context      | Footnote |
|------|----------|-----|----------------------------|--------------|----------|
| 18   | 2436-112 | 2   | Repair Kit, Boot           | (inc. 19)    |          |
| 19   | 1441-988 | 2   | Clip, Retaining            |              |          |
| 20   | 1402-884 | 4   | Pin, Detent                |              |          |
| 21   | 1402-890 | 2   | Clip, Retaining            |              |          |
| 22   | 0504-548 | 1   | Knuckle, Rear - Assembly   | (inc. 23-26) |          |
| 22   | 0504-549 | 1   | Knuckle, Rear - Assembly   | (inc. 23-26) |          |
| 23   | 0423-423 | 2   | Ring, Retaining            |              |          |
| 24   | 1402-809 | 2   | Bearing                    |              |          |
| 25   | 0403-437 | 4   | Collar, Suspension Bushing |              |          |
| 26   | 0403-206 | 8   | Bushing                    |              |          |
| 27   | 8409-000 | 4   | Screw, Cap                 |              |          |
| 28   | 0423-545 | 4   | Screw, Shoulder            |              |          |
| 29   | 1406-068 | 1   | Guard, Boot - Right        |              |          |
| 29   | 1406-069 | 1   | Guard, Boot - Left         |              |          |

# SEAT ASSEMBLY [100274]



| Item | Part No. | Qty | Name                 | Context    | Footnote |
|------|----------|-----|----------------------|------------|----------|
| 1    | 4506-557 | 1   | Seat - Assembly      | (inc. 2-9) |          |
| 2    | 1506-209 | 1   | Cover, Seat          |            |          |
| 3    | 0517-119 | 1   | Foam, Seat           |            |          |
| 4    | 2416-826 | 1   | Base, Seat           | (inc. 5-6) |          |
| 5    | 0406-879 | 2   | Bumper, Seat - Rear  |            |          |
| 6    | 0406-877 | 4   | Bumper, Seat - Front |            |          |
| 7    | 0624-263 | AR  | Staple               |            |          |
| 8    | 1406-592 | 1   | Spring, Latch        |            |          |
| 9    | 1506-156 | 1   | Latch, Seat          |            |          |
| 10   | 0441-587 | 1   | Wrench, Spanner      |            |          |

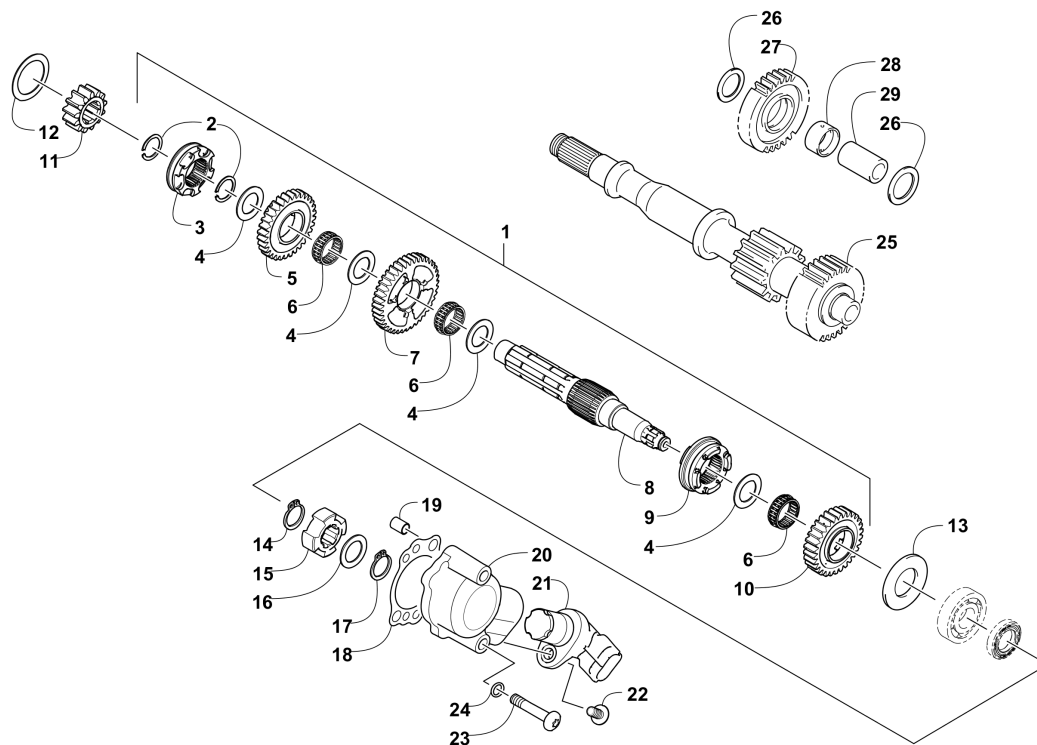
## SECONDARY DRIVE ASSEMBLY [96954]



| Item | Part No. | Qty | Name                            | Context  | Footnote |
|------|----------|-----|---------------------------------|----------|----------|
| 1    | 0819-063 | 1   | Yoke, Propeller Shaft Joint     |          |          |
| 2    | 1402-164 | 1   | Joint, Universal - Set          | (inc. 3) |          |
| 3    | 0423-450 | 4   | Ring, Retaining                 |          |          |
| 4    | 0827-013 | 2   | Nut                             |          |          |
| 5    | 0828-020 | 2   | Washer                          |          |          |
| 6    | 0819-061 | 1   | Yoke, Drive Output              |          |          |
| 7    | 0830-043 | 2   | Seal, Oil                       |          |          |
| 8    | 0832-017 | 2   | Bearing                         |          |          |
| 9    | 0828-021 | AR  | Shim, 25 x 34 x 0.25 mm         |          |          |
| 9    | 0828-022 | AR  | Shim, 25 x 34 x 0.30 mm         |          |          |
| 9    | 0828-023 | AR  | Shim, 25 x 34 x 0.70 mm         |          |          |
| 9    | 0828-024 | AR  | Shim, 25 x 34 x 0.90 mm         |          |          |
| 9    | 0828-025 | AR  | Shim, 25 x 34 x 0.95 mm         |          |          |
| 9    | 0828-026 | AR  | Shim, 25 x 34 x 1.00 mm         |          |          |
| 9    | 0828-027 | AR  | Shim, 25 x 34 x 1.05 mm         |          |          |
| 9    | 0828-028 | AR  | Shim, 25 x 34 x 1.10 mm         |          |          |
| 9    | 0828-029 | AR  | Shim, 25 x 34 x 1.15 mm         |          |          |
| 10   | 0819-115 | 1   | Shaft, Secondary Driven - Front |          |          |

| Item | Part No. | Qty | Name                           | Context | Footnote |
|------|----------|-----|--------------------------------|---------|----------|
| 11   | 0822-131 | 1   | Gear, Secondary                |         |          |
| 12   | 0827-052 | 1   | Nut                            |         |          |
| 13   | 0832-016 | 1   | Bearing, Driven Gear           |         |          |
| 14   | 0822-106 | 1   | Gear, Secondary Driven         |         |          |
| 15   | 0819-011 | 1   | Ring, Driven Bearing           |         |          |
| 16   | 0819-053 | 1   | Shaft, Secondary Driven - Rear |         |          |
| 17   | 0819-005 | 1   | Flange, Output Joint - Rear    |         |          |

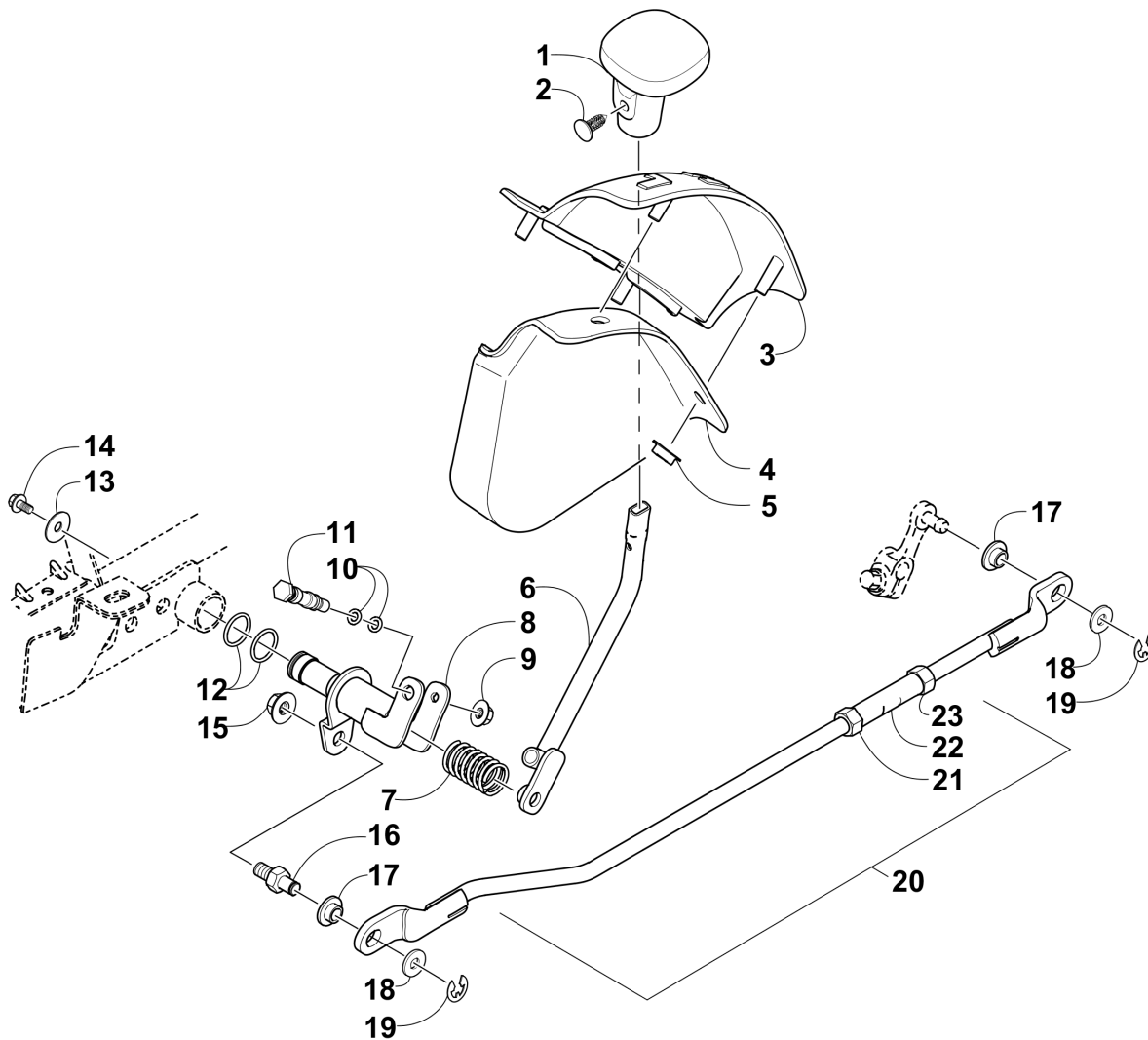
# SECONDARY TRANSMISSION ASSEMBLY [301250]



| Item | Part No. | Qty | Name                        | Context     | Footnote |
|------|----------|-----|-----------------------------|-------------|----------|
| 1    | 0822-144 | 1   | Countershaft Assembly       | (inc. 2-10) |          |
| 2    | 0831-085 | 2   | Ring, Retaining             |             |          |
| 3    | 0822-120 | 1   | Gear Select, Reverse        |             |          |
| 4    | 0822-121 | 4   | Shim                        |             |          |
| 5    | 0822-119 | 1   | Gear, Reverse Driven        |             |          |
| 6    | 0832-082 | 3   | Bearing                     |             |          |
| 7    | 0822-114 | 1   | Gear, Driven - Low          |             |          |
| 8    | 0822-113 | 1   | Countershaft                |             |          |
| 9    | 0822-145 | 1   | Gear Select, Sliding        |             |          |
| 10   | 0822-148 | 1   | Gear, Driven - High         |             |          |
| 11   | 0822-125 | 1   | Gear, Drive                 |             |          |
| 12   | 0828-019 | 1   | Washer, Thrust              |             |          |
| 13   | 0828-011 | 1   | Washer                      |             |          |
| 14   | 0831-040 | 1   | Ring, Retaining             |             |          |
| 15   | 0822-050 | 1   | Trigger, Speedometer Sensor |             |          |
| 16   | 0828-069 | 1   | Washer, Thrust              |             |          |
| 17   | 0831-039 | 1   | Ring, Retaining             |             |          |
| 18   | 0830-129 | 1   | Gasket                      |             |          |
| 19   | 0829-023 | 2   | Pin, Dowel                  |             |          |
| 20   | 0822-049 | 1   | Housing, Speedometer Sensor |             |          |

| Item | Part No. | Qty | Name                        | Context | Footnote |
|------|----------|-----|-----------------------------|---------|----------|
| 21   | 0822-050 | 1   | Trigger, Speedometer Sensor |         |          |
| 22   | 8468-620 | 1   | Screw, Machine              |         |          |
| 23   | 8468-645 | 2   | Screw, Machine              |         |          |
| 24   | 0830-107 | 2   | Gasket                      |         |          |
| 25   | 0822-001 | 1   | Driveshaft                  |         |          |
| 26   | 0828-016 | 2   | Washer, Thrust              |         |          |
| 27   | 0822-011 | 1   | Gear, Reverse Idle          |         |          |
| 28   | 0822-012 | 1   | Bushing                     |         |          |
| 29   | 0822-015 | 1   | Shaft, Reverse Idle         |         |          |

# SHIFT LEVER ASSEMBLY [301167]

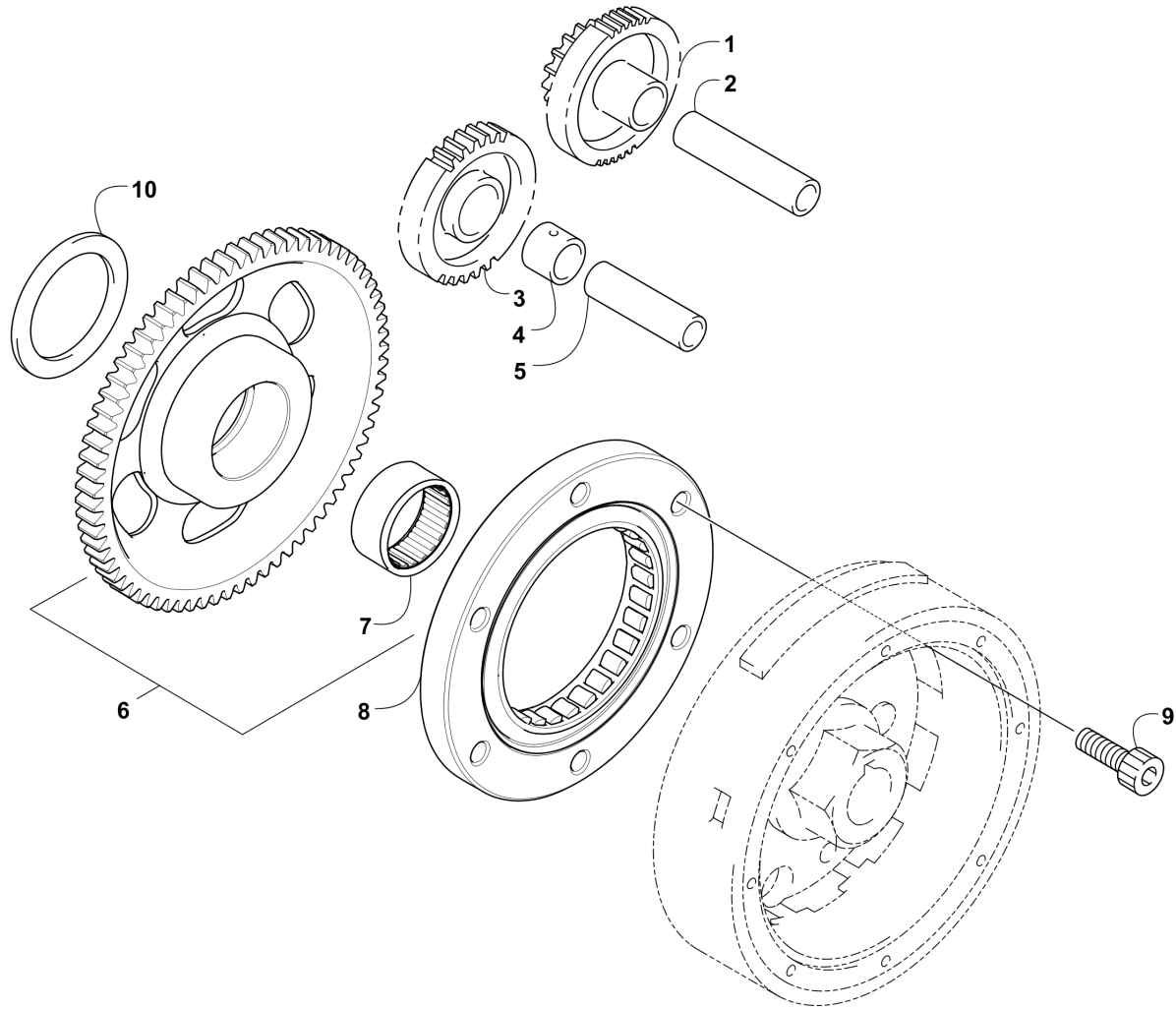


| Item | Part No. | Qty | Name                            | Context | Footnote |
|------|----------|-----|---------------------------------|---------|----------|
| 1    | 0402-843 | 1   | Knob, Shift                     |         |          |
| 2    | 0423-345 | 1   | Clip, Push                      |         |          |
| 3    | 2402-338 | 1   | Plate, Shift                    |         |          |
| 4    | 2406-345 | 1   | Shield, Shift Plate             |         |          |
| 5    | 0423-357 | 4   | Nut, Stamped                    |         |          |
| 6    | 1502-977 | 1   | Lever, Shift - Painted          |         |          |
| 7    | 2402-117 | 1   | Spring, Shift Lever             |         |          |
| 8    | 1502-957 | 1   | Actuator, Shift                 |         |          |
| 9    | 8424-602 | 1   | Nut, Lock                       |         |          |
| 10   | 0423-182 | 2   | O-Ring                          |         |          |
| 11   | 0402-675 | 1   | Axle, Pivot                     |         |          |
| 12   | 0423-299 | 2   | O-Ring - 016 (5/8 x 3/4 x 1/16) |         |          |
| 13   | 0423-087 | 1   | Washer                          |         |          |
| 14   | 8408-812 | 1   | Screw, Cap                      |         |          |
| 15   | 8424-802 | 1   | Nut                             |         |          |



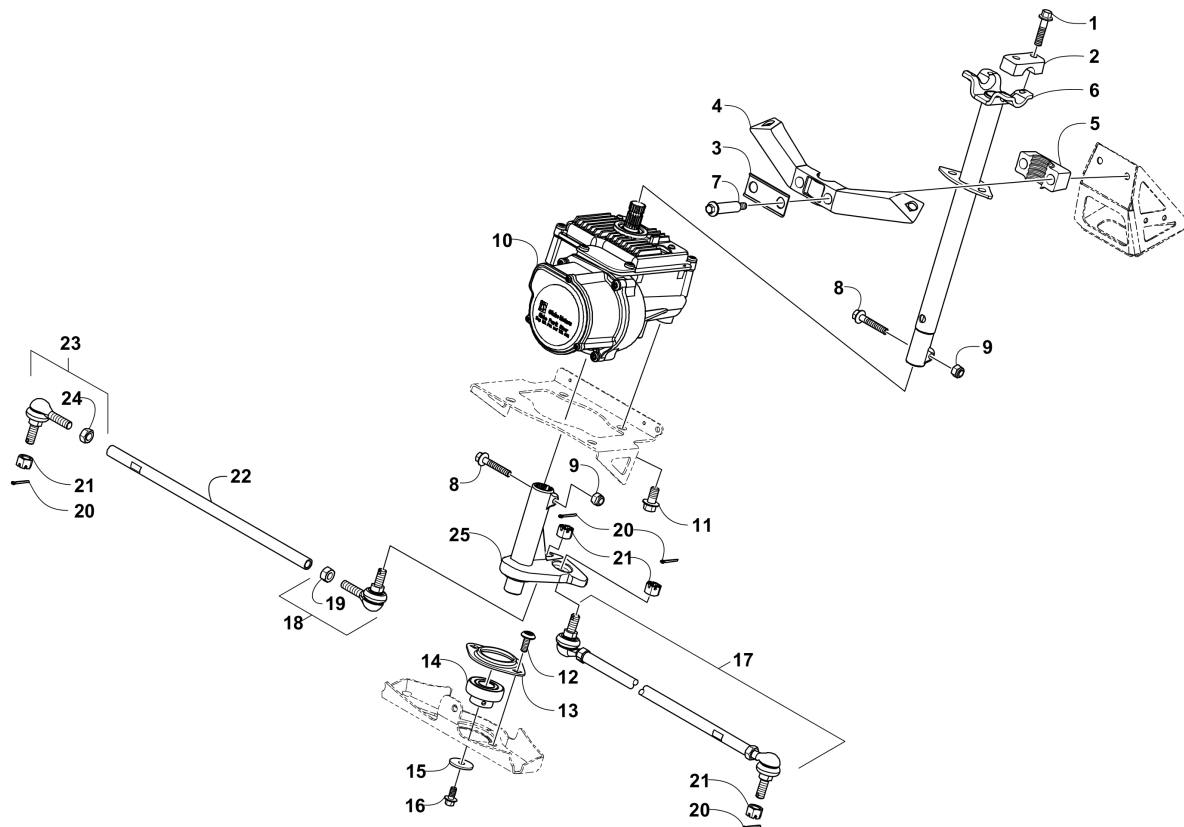
| Item | Part No. | Qty | Name                              | Context      | Footnote |
|------|----------|-----|-----------------------------------|--------------|----------|
| 16   | 1402-621 | 1   | Pin, Mounting                     |              |          |
| 17   | 0423-091 | 2   | Bushing                           |              |          |
| 18   | 0623-094 | 2   | Washer                            |              |          |
| 19   | 0423-169 | 2   | E-Ring, 5/16 - .242 x .588 x .035 |              |          |
| 20   | 1502-200 | 1   | Linkage, Shift - Assembly         | (inc. 21-23) |          |
| 21   | 0123-917 | 1   | Nut, Hex - Left                   |              |          |
| 22   | 1402-619 | 1   | Coupler                           |              |          |
| 23   | 0623-294 | 1   | Nut, Hex - Right                  |              |          |

# STARTER CLUTCH ASSEMBLY [300126]



| Item | Part No. | Qty | Name                                  | Context  | Footnote                                     |
|------|----------|-----|---------------------------------------|----------|----------------------------------------------|
| 1    | 0815-033 | 1   | Gear, Starter - Idler - 44T/14T SC    |          | 2008 & 2009<br>Thundercats see<br>"Comments" |
| 2    | 0829-031 | 1   | Shaft, Starter Gear - 12 x 58.5       |          |                                              |
| 3    | 0815-002 | 1   | Gear, Starter Idler - No. 2           |          |                                              |
| 4    | 0815-003 | 1   | Spacer, Starter Idler Gear - No. 2    |          |                                              |
| 5    | 0829-032 | 1   | Shaft, Starter Gear - 12 x 44.7       |          |                                              |
| 6    | 0815-004 | 1   | Gear, Starter Clutch                  | (inc. 7) |                                              |
| 7    | 0832-079 | 1   | Bearing, Needle Roller - 31 x 39 x 18 |          |                                              |
| 8    | 0802-035 | 1   | Clutch, Starter                       |          |                                              |
| 9    | 0826-069 | 6   | Screw, Cap                            |          |                                              |
| 10   | 0828-094 | 1   | Washer                                |          |                                              |

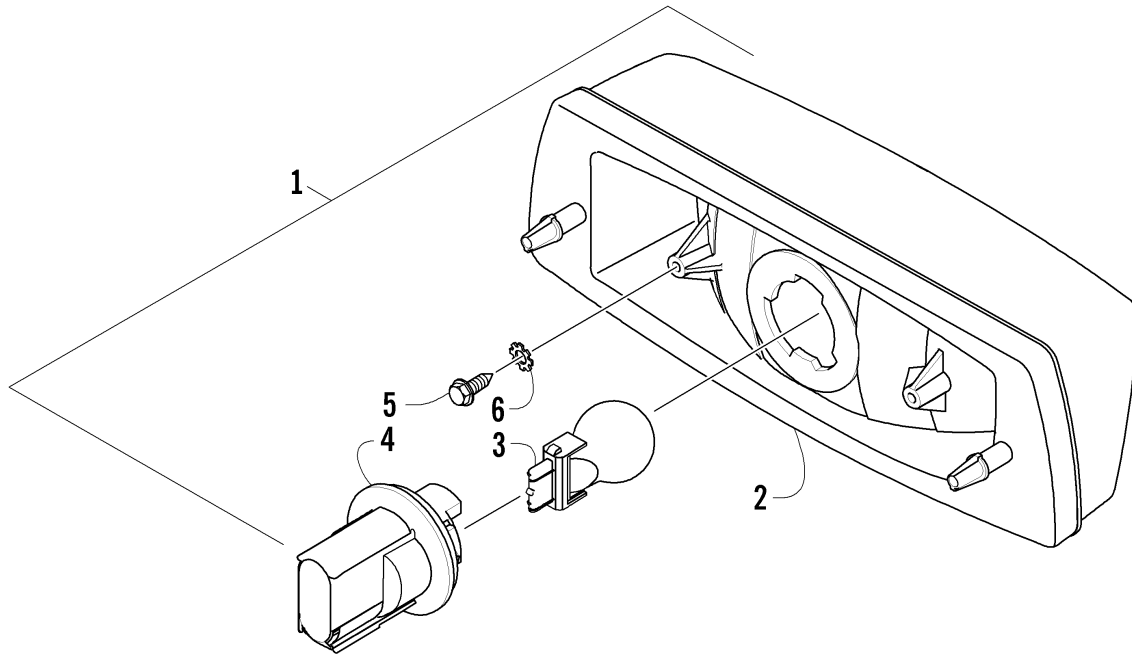
# STEERING ASSEMBLY [301136]



| Item | Part No. | Qty | Name                                  | Context              | Footnote |
|------|----------|-----|---------------------------------------|----------------------|----------|
| 1    | 8408-835 | 4   | Screw, Cap                            |                      |          |
| 2    | 0405-035 | 2   | Cap, Steering Adjuster                |                      |          |
| 3    | 0505-898 | 1   | Cap, Housing - Black                  |                      |          |
| 4    | 4406-787 | 1   | Bracket, Support - Console            |                      |          |
| 5    | 0405-259 | 1   | Block, Mounting                       |                      |          |
| 6    | 0505-882 | 1   | Post, Steering - Black                |                      |          |
| 7    | 0423-505 | 2   | Screw, Shoulder                       |                      |          |
| 8    | 8020-045 | 2   | Screw, Cap                            |                      |          |
| 9    | 8040-366 | 2   | Nut, Lock                             |                      |          |
| 10   | 0505-958 | 1   | Assembly, Electronic Power Steering   |                      |          |
| 11   | 8409-020 | 4   | Screw, Cap                            |                      |          |
| 12   | 8476-616 | 2   | Screw, Machine                        |                      |          |
| 13   | 0405-550 | 1   | Flange, Bearing                       |                      |          |
| 14   | 0405-549 | 1   | Bearing w/Inverted Oil Seal           |                      |          |
| 15   | 8450-109 | 1   | Washer                                |                      |          |
| 16   | 8408-613 | 1   | Screw, Cap                            |                      |          |
| 17   | 0505-885 | 2   | Rod, Tie - Assembly                   | (inc. 18-24)         |          |
| 18   | 0505-875 | 2   | End, Tie Rod - Left-Hand Thread - Kit | (inc. one No. 19-21) |          |
| 19   | 0423-013 | 2   | Nut - Left-Hand Thread                |                      |          |
| 20   | 0623-175 | 4   | Pin, Cotter                           |                      |          |

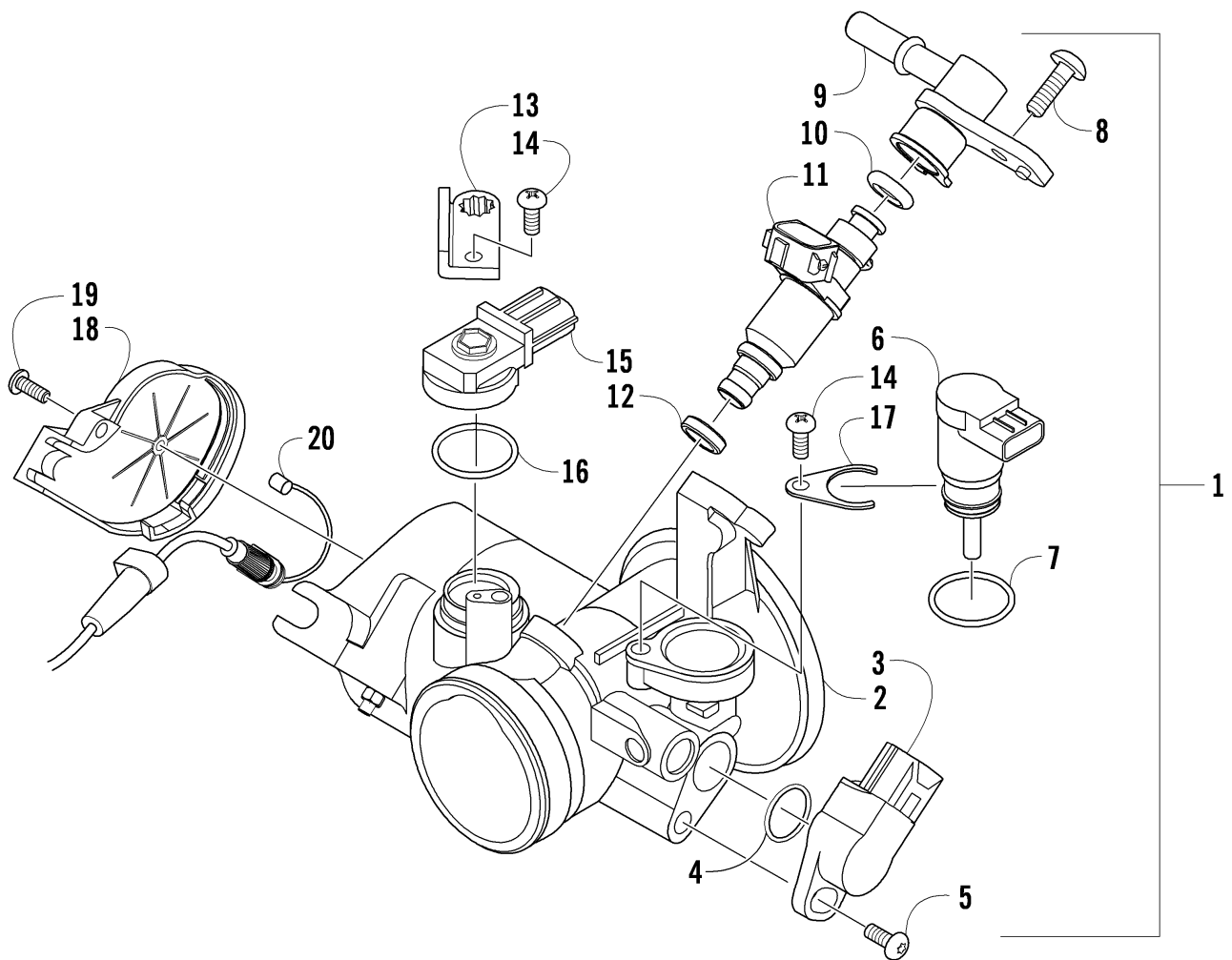
| Item | Part No. | Qty | Name                                   | Context                     | Footnote |
|------|----------|-----|----------------------------------------|-----------------------------|----------|
| 21   | 0423-157 | 4   | Nut                                    |                             |          |
| 22   | 0405-521 | 2   | Rod, Tie                               |                             |          |
| 23   | 0405-502 | 2   | End, Tie Rod - Right-Hand Thread - Kit | (inc. one No. 20-21 and 24) |          |
| 24   | 8420-001 | 2   | Nut - Right-Hand Thread                |                             |          |
| 25   | 0505-877 | 1   | Arm, Steering - Black                  |                             |          |

# TAILLIGHT ASSEMBLY [88992]



| Item | Part No. | Qty | Name                          | Context    | Footnote |
|------|----------|-----|-------------------------------|------------|----------|
| 1    | 0509-022 | 1   | Taillight w/Socket - Assembly | (inc. 2-4) |          |
| 2    | 0509-025 | 1   | Housing, Taillight            |            |          |
| 3    | 0409-056 | 1   | Bulb, Taillight               |            |          |
| 4    | 0409-057 | 1   | Socket, Taillight             |            |          |
| 5    | 0623-301 | 2   | Screw, Self-Tapping           |            |          |
| 6    | 8053-212 | 2   | Washer, Lock                  |            |          |

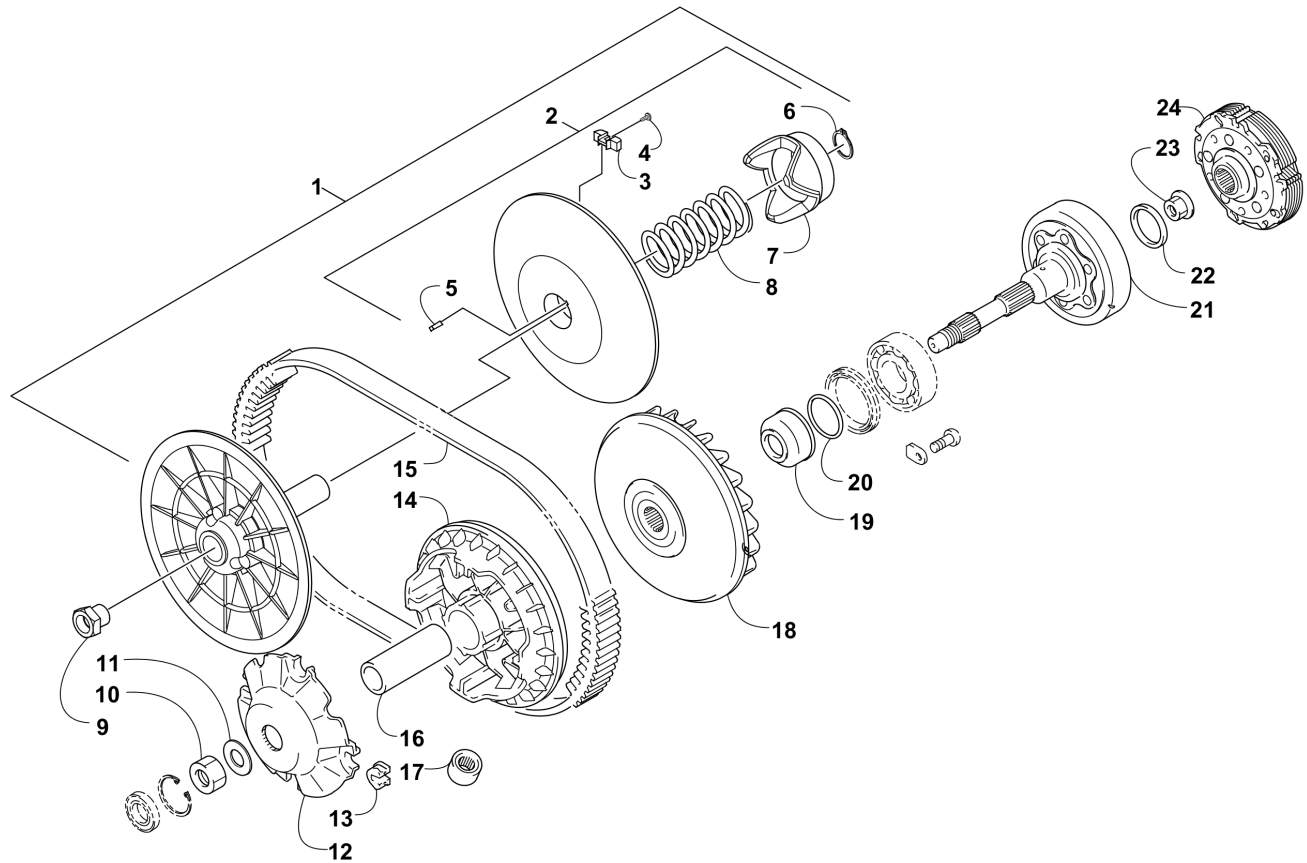
# THROTTLE BODY ASSEMBLY [90638]



| Item | Part No. | Qty | Name                             | Context     | Footnote           |
|------|----------|-----|----------------------------------|-------------|--------------------|
| 1    | 0470-753 | 1   | Throttle - Assembly              | (inc. 2-19) |                    |
| 2    |          | 1   | Throttle Body                    |             | Not a Service Part |
| 3    | 0430-072 | 1   | Sensor, Throttle Position        |             |                    |
| 4    | 5507-234 | 1   | O-Ring, Throttle Position Sensor |             |                    |
| 5    | 5507-231 | 1   | Screw, Machine                   |             |                    |
| 6    | 0430-074 | 1   | Valve, ISC                       |             |                    |
| 7    | 5507-233 | 1   | O-Ring, ISC Valve                |             |                    |
| 8    | 5507-238 | 1   | Screw, Machine                   |             |                    |
| 9    | 0470-687 | 1   | Rail, Fuel                       |             |                    |
| 10   | 0470-767 | 1   | O-Ring, Fuel Injector            |             |                    |
| 11   | 0470-762 | 1   | Injector, Fuel                   |             |                    |
| 12   | 0470-768 | 1   | Ring, Seal - Fuel Injector       |             |                    |
| 13   | 5507-227 | 1   | Bracket, Map Sensor              |             |                    |
| 14   | 5507-117 | 2   | Screw                            |             |                    |
| 15   | 0430-073 | 1   | Sensor, Map                      |             |                    |

| Item | Part No. | Qty | Name               | Context | Footnote |
|------|----------|-----|--------------------|---------|----------|
| 16   | 5507-232 | 1   | O-Ring, Map Sensor |         |          |
| 17   | 5507-229 | 1   | Plate, ISC Valve   |         |          |
| 18   | 5507-223 | 1   | Cover              |         |          |
| 19   | 5507-037 | 1   | Screw              |         |          |
| 20   | 0487-065 | 1   | Cable, Throttle    |         |          |

# TRANSMISSION ASSEMBLY [301249]

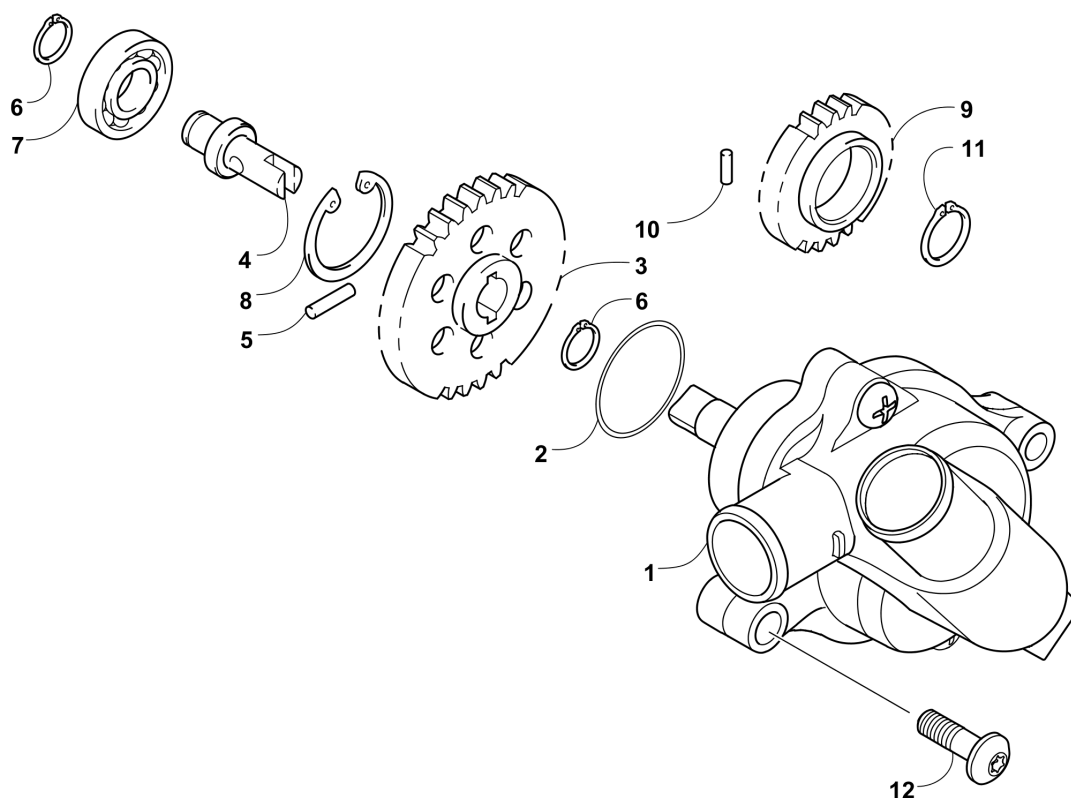


| Item | Part No. | Qty | Name                          | Context    | Footnote |
|------|----------|-----|-------------------------------|------------|----------|
| 1    | 0823-537 | 1   | Pulley, Driven - Assembly     | (inc. 2-9) |          |
| 2    | 0823-554 | 1   | Pulley, Driven - Uncalibrated | (inc. 3-6) |          |
| 3    | 0823-454 | 3   | Shoe, Cam                     |            |          |
| 4    | 0823-177 | 3   | Screw, Machine                |            |          |
| 5    | 0823-383 | 1   | Key                           |            |          |
| 6    | 0823-455 | 1   | Ring, Snap - External         |            |          |
| 7    | 0823-382 | 1   | Cam                           |            |          |
| 8    | 0823-348 | 1   | Spring, Black                 |            |          |
| 9    | 0823-178 | 1   | Nut, Driven Pulley            |            |          |
| 10   | 0827-010 | 1   | Nut                           |            |          |
| 11   | 0828-106 | 1   | Washer                        |            |          |
| 12   | 0823-276 | 1   | Plate, Movable Drive Face     |            |          |
| 13   | 0823-277 | 4   | Damper, Movable Drive Face    |            |          |
| 14   | 0823-273 | 1   | Face, Movable Drive           |            |          |
| 15   | 0823-013 | 1   | Belt, Drive                   |            |          |
| 16   | 0823-360 | 1   | Spacer                        |            |          |



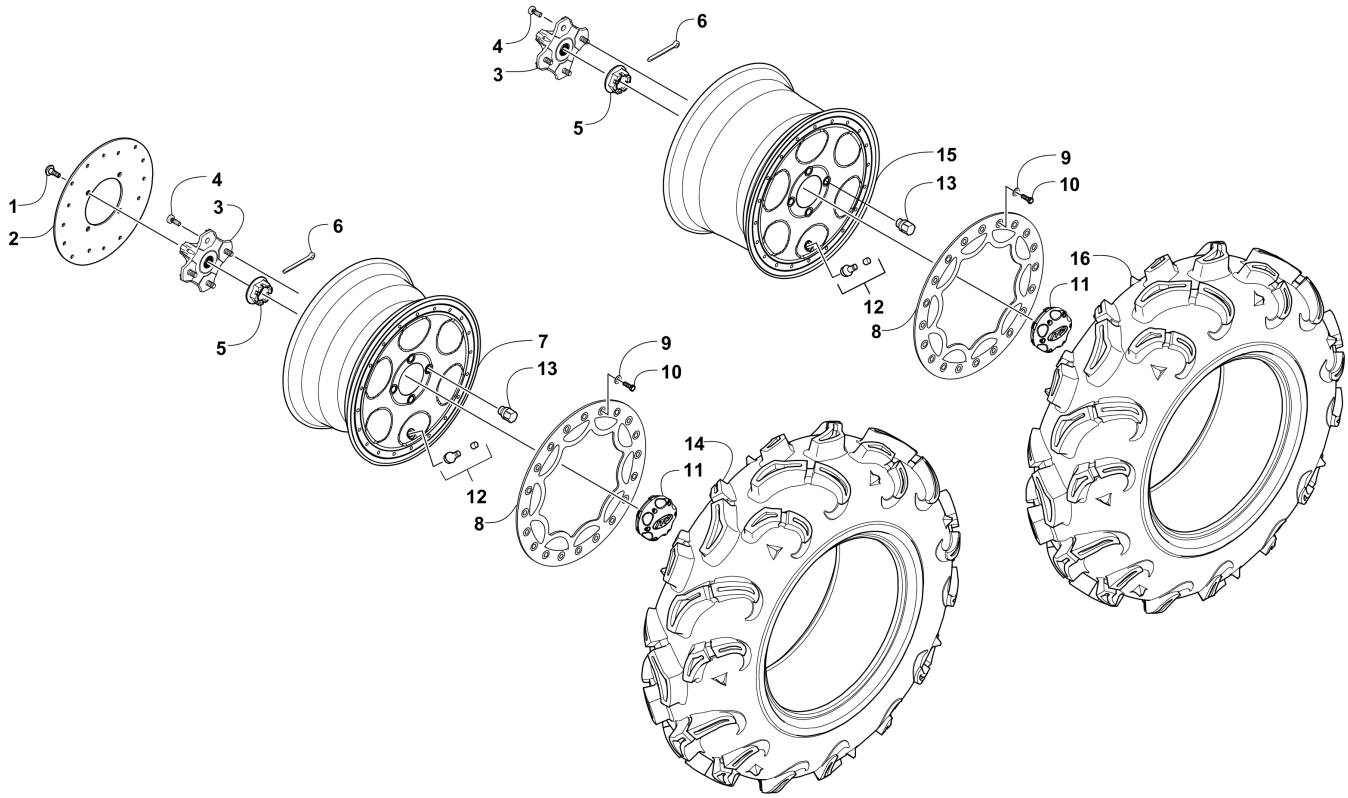
| Item | Part No. | Qty | Name                          | Context | Footnote |
|------|----------|-----|-------------------------------|---------|----------|
| 17   | 0823-295 | 8   | Roller                        |         |          |
| 18   | 0823-272 | 1   | Face, Fixed Drive             |         |          |
| 19   | 0823-015 | 1   | Spacer, Fixed Drive Face      |         |          |
| 20   | 0470-531 | 1   | O-Ring                        |         |          |
| 21   | 0823-556 | 1   | Housing, Clutch - Assembly    |         |          |
| 22   | 0830-189 | 1   | Seal                          |         |          |
| 23   | 0827-011 | 1   | Nut                           |         |          |
| 24   | 0823-484 | 1   | Clutch, Centrifugal - 6 Plate |         |          |

# WATER PUMP ASSEMBLY [90695]



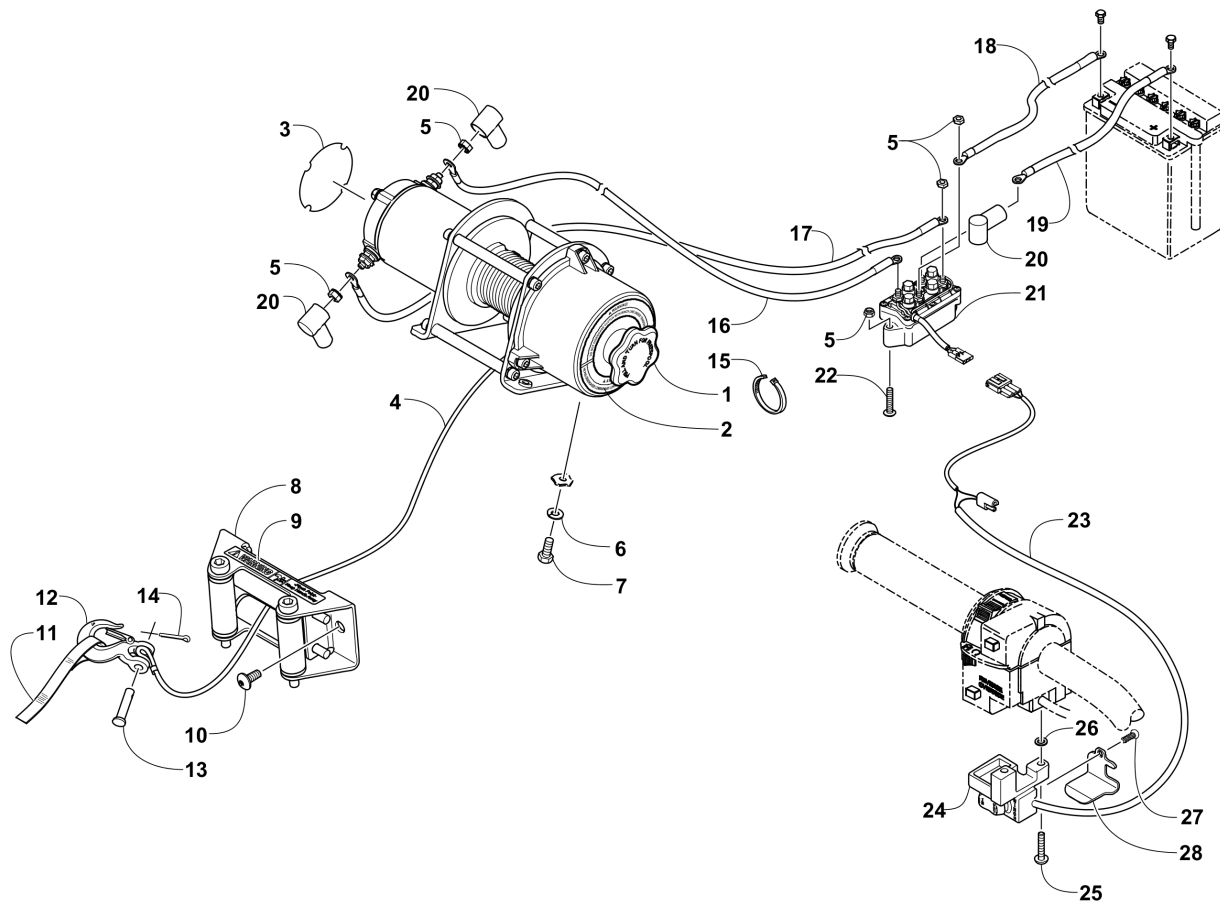
| Item | Part No. | Qty | Name                   | Context  | Footnote |
|------|----------|-----|------------------------|----------|----------|
| 1    | 0813-001 | 1   | Pump, Water - Assembly | (inc. 2) |          |
| 2    | 0830-029 | 1   | O-Ring                 |          |          |
| 3    | 0813-004 | 1   | Gear, Driven           |          |          |
| 4    | 0813-005 | 1   | Shaft, Driven Gear     |          |          |
| 5    | 0829-009 | 1   | Pin                    |          |          |
| 6    | 0831-002 | 2   | Ring, Retaining        |          |          |
| 7    | 0832-046 | 1   | Bearing                |          |          |
| 8    | 0831-004 | 1   | Ring, Retaining        |          |          |
| 9    | 0811-003 | 1   | Gear, Oil Pump Drive   |          |          |
| 10   | 0829-007 | 1   | Pin, Dowel             |          |          |
| 11   | 0831-005 | 1   | Ring, Retaining        |          |          |
| 12   | 8468-665 | 2   | Screw, Machine         |          |          |

# WHEEL AND TIRE ASSEMBLY [301165]



| Item | Part No. | Qty | Name                   | Context  | Footnote |
|------|----------|-----|------------------------|----------|----------|
| 1    | 0423-557 | 12  | Screw, Shoulder        |          |          |
| 2    | 1436-418 | 3   | Disc, Brake            | 10 inch  |          |
| 3    | 1502-462 | 4   | Hub, Wheel             | (inc. 4) |          |
| 4    | 0402-974 | 16  | Stud                   |          |          |
| 5    | 0423-607 | 4   | Nut, Castle            |          |          |
| 6    | 0423-407 | 4   | Pin, Cotter            |          |          |
| 7    | 2402-155 | 2   | Wheel - Front          |          |          |
| 8    | 1503-024 | 4   | Ring, Beadlock - Green |          |          |
| 9    | 1423-259 | 80  | Washer                 |          |          |
| 10   | 1423-258 | 80  | Screw, Cap - Black     |          |          |
| 11   | 2402-194 | 4   | Cap, Wheel             |          |          |
| 12   | 0402-064 | 4   | Stem, Valve - w/Cap    |          |          |
| 13   | 0423-618 | 16  | Nut, Lug - Chrome      |          |          |
| 14   | 1402-855 | 2   | Tire - Front           |          |          |
| 15   | 2402-156 | 2   | Wheel - Rear           |          |          |
| 16   | 1402-901 | 2   | Tire - Rear            |          |          |

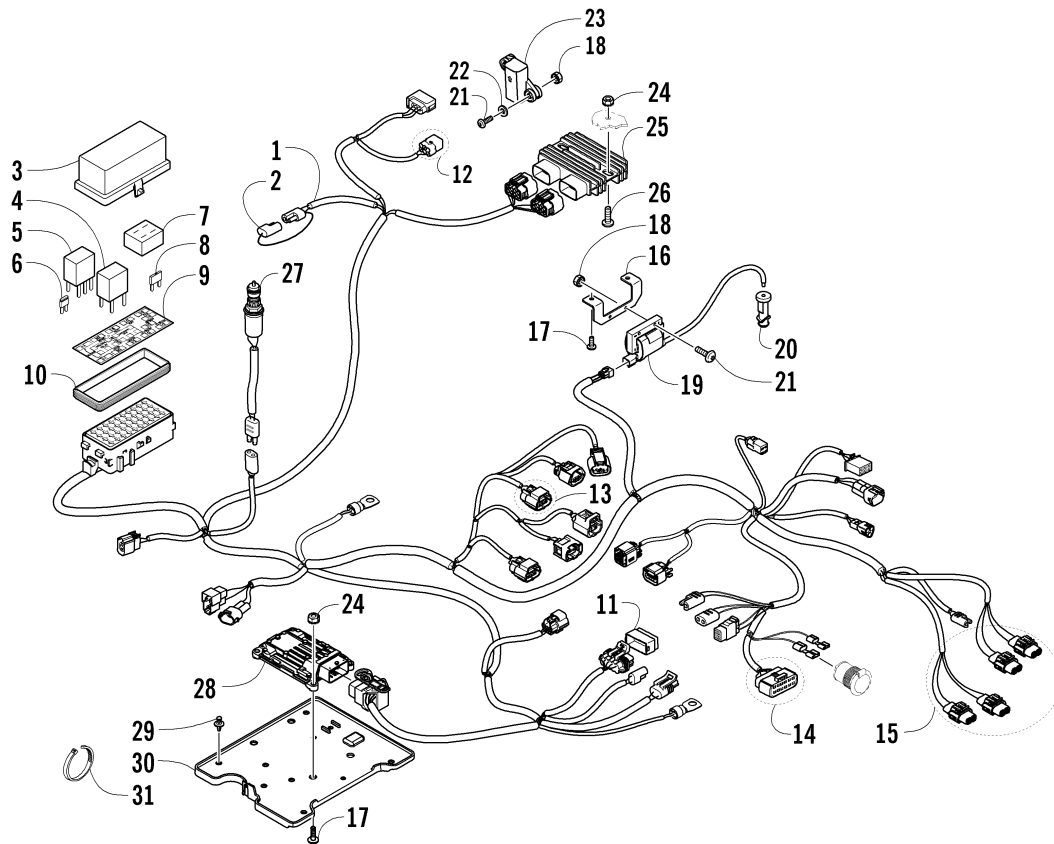
# WINCH ASSEMBLY [300088]



| Item | Part No. | Qty | Name                            | Context                  | Footnote |
|------|----------|-----|---------------------------------|--------------------------|----------|
| 1    | 0409-165 | 1   | Winch                           | (inc. 2-4 and two No. 5) |          |
| 2    | 2411-141 | 1   | Decal, Warning - Tension        |                          |          |
| 3    | 2411-140 | 1   | Decal, Warning - Operation      |                          |          |
| 4    | 1441-831 | 1   | Cable, Winch                    |                          |          |
| 5    | 0623-038 | 8   | Nut w/Washer                    |                          |          |
| 6    | 8051-246 | 4   | Washer, Lock                    |                          |          |
| 7    | 8408-820 | 4   | Screw, Cap                      |                          |          |
| 8    | 0441-403 | 1   | Roller, Winch                   | (inc. 9)                 |          |
| 9    | 0411-474 | 1   | Decal, Warning - Pinch Point    |                          |          |
| 10   | 8468-820 | 2   | Screw, Machine                  |                          |          |
| 11   | 1441-781 | 1   | Strap                           |                          |          |
| 12   | 1441-833 | 1   | Hook, Winch                     |                          |          |
| 13   | 1441-834 | 1   | Pin                             |                          |          |
| 14   | 0623-175 | 1   | Pin, Cotter                     |                          |          |
| 15   | 0123-903 | AR  | Tie, Cable - 11.5 in.           |                          |          |
| 16   | 0445-068 | 1   | Cable, Winch/Solenoid - Yellow  |                          |          |
| 17   | 0445-107 | 1   | Cable, Winch/Solenoid - Blue    |                          |          |
| 18   | 1441-112 | 1   | Cable, Solenoid/Battery - Black |                          |          |

| Item | Part No. | Qty | Name                          | Context | Footnote |
|------|----------|-----|-------------------------------|---------|----------|
| 19   | 0445-087 | 1   | Cable, Solenoid/Battery - Red |         |          |
| 20   | 0645-019 | 3   | Boot, Terminal                |         |          |
| 21   | 0409-066 | 1   | Solenoid                      |         |          |
| 22   | 8476-625 | 2   | Screw, Machine                |         |          |
| 23   | 0409-087 | 1   | Switch, Control               |         |          |
| 24   | 0409-034 | 1   | Retainer, Control Switch      |         |          |
| 25   | 8464-560 | 2   | Screw, Machine                |         |          |
| 26   | 0423-593 | 1   | Washer                        |         |          |
| 27   | 0423-382 | 1   | Screw, Self-Tapping           |         |          |
| 28   | 5506-053 | 1   | Cover, Control Switch         |         |          |

# WIRING HARNESS ASSEMBLY [100345]



| Item | Part No. | Qty | Name                                       | Context          | Footnote |
|------|----------|-----|--------------------------------------------|------------------|----------|
| 1    | 0486-486 | 1   | Harness, Main                              | (inc. 2-11)      |          |
| 2    | 0486-164 | 1   | Tether, Accessory Connector                |                  |          |
| 3    | 0430-085 | 1   | Cover, Fuse Block                          |                  |          |
| 4    | 0430-045 | 3   | Relay (4-Pin) - 20 Amp                     | (4-Pin) - 20 Amp |          |
| 5    | 0430-033 | 1   | Relay (5-Pin) - 30 Amp                     | (5-Pin) - 30 Amp |          |
| 6    | 0430-100 | 1   | Breaker, Circuit - 15 Amp                  |                  |          |
| 7    | 0430-037 | 1   | Holder, Fuse                               |                  |          |
| 8    | 0430-032 | 7   | Fuse - 10 Amp                              |                  |          |
| 8    | 0430-031 | 2   | Fuse - 15 Amp                              |                  |          |
| 8    | 0430-030 | 4   | Fuse - 30 Amp                              |                  |          |
| 9    | 3411-968 | 1   | Decal, Fuse Block                          |                  |          |
| 10   | 0430-086 | 1   | Seal                                       |                  |          |
| 11   | 0430-103 | 1   | Cover, Diagnostics Connector               |                  |          |
| 12   | 1436-416 | 1   | Repair Kit, Connector - Tilt Sensor        |                  |          |
| 13   | 0437-071 | 1   | Repair Kit, Connector - Idle Speed Control |                  |          |
| 14   | 1436-818 | 1   | Repair Kit, Connector - CAN Gauge          |                  |          |
| 15   | 1436-289 | AR  | Repair Kit, Connector - Headlight          |                  |          |
| 16   | 4406-029 | 1   | Bracket, Mounting - Coil                   |                  |          |
| 17   | 8476-620 | 6   | Screw, Machine                             |                  |          |
| 18   | 0423-493 | 4   | Nut w/Washer                               |                  |          |

| Item | Part No. | Qty | Name                      | Context   | Footnote |
|------|----------|-----|---------------------------|-----------|----------|
| 19   | 0824-071 | 1   | Coil, Ignition - Assembly | (inc. 20) |          |
| 20   | 0824-049 | 1   | Cap, Spark Plug           |           |          |
| 21   | 8468-425 | 4   | Screw, Machine            |           |          |
| 22   | 0123-802 | 2   | Washer                    |           |          |
| 23   | 0409-064 | 1   | Sensor, Tilt              |           |          |
| 24   | 0623-038 | 6   | Nut w/Washer              |           |          |
| 25   | 0824-078 | 1   | Regulator, Voltage        |           |          |
| 26   | 8476-625 | 2   | Screw, Machine            |           |          |
| 27   | 0409-089 | 1   | Switch, Brake - Assembly  |           |          |
| 28   | 0530-122 | 1   | ECM                       |           |          |
| 29   | 0623-362 | 4   | Clip, Retaining           |           |          |
| 30   | 2416-181 | 1   | Tray, Electrical          |           |          |
| 31   | 0123-788 | AR  | Tie, Cable - 8 in.        |           |          |
| 31   | 0123-903 | AR  | Tie, Cable - 11.5 in.     |           |          |



The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog. Once printed, Arctic Cat does not guarantee the accuracy of the information contained in this manual. Our parts lists and illustrations are constantly revised to reflect part number changes, discrepancies, and enhancements.

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