

# 2010

## ***Illustrated Parts Manual***

### ***1000 Cruiser EFT***



***Model Number A2010TCW4EETI (Desert Red)  
(Engine Serial Number: 0950TB0010060 and Up)***

***ARCTIC CAT***<sup>®</sup>  
SHARE OUR PASSION.<sup>™</sup>

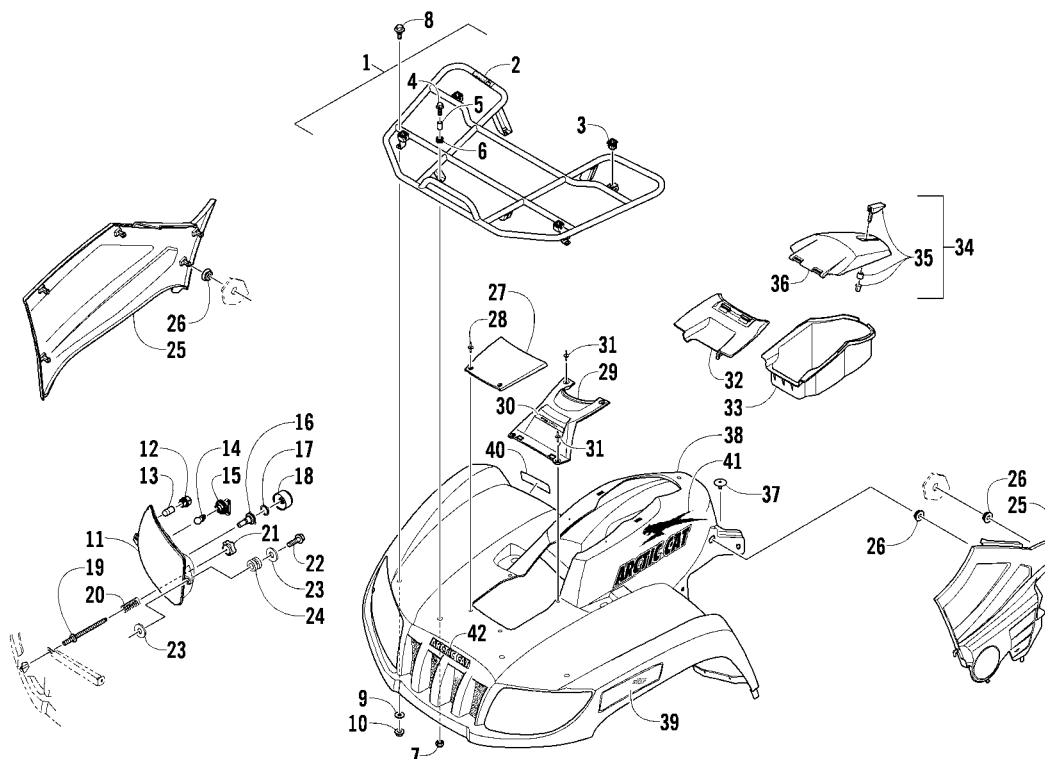
# TABLE OF CONTENTS

## 2010 ATV 1000 Cruiser EFT

Desert Red (Model No. A2010TCW4EETI)  
(Engine Serial Number: 0905TB0010060 and Up)

|                                                        |    |
|--------------------------------------------------------|----|
| FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES ..... | 1  |
| REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES .....   | 2  |
| FRAME AND RELATED PARTS .....                          | 3  |
| WINCH ASSEMBLY .....                                   | 4  |
| LICENSE PLATE HOLDER ASSEMBLY .....                    | 5  |
| SEAT ASSEMBLY .....                                    | 6  |
| PASSENGER SEAT AND BACKREST ASSEMBLY .....             | 7  |
| STORAGE BOX ASSEMBLY .....                             | 8  |
| STEERING ASSEMBLY .....                                | 9  |
| HANDLEBAR ASSEMBLY .....                               | 10 |
| INSTRUMENT POD ASSEMBLY .....                          | 11 |
| WINDSHIELD ASSEMBLY .....                              | 12 |
| FRONT SUSPENSION ASSEMBLY .....                        | 13 |
| REAR SUSPENSION ASSEMBLY .....                         | 14 |
| WHEEL AND TIRE ASSEMBLY .....                          | 15 |
| HYDRAULIC BRAKE ASSEMBLY .....                         | 16 |
| PARKING BRAKE ASSEMBLY .....                           | 17 |
| GAS TANK ASSEMBLY .....                                | 18 |
| SHIFT LEVER ASSEMBLY .....                             | 19 |
| AIR INTAKE ASSEMBLY .....                              | 20 |
| ENGINE AND EXHAUST .....                               | 21 |
| COOLING ASSEMBLY .....                                 | 22 |
| CASE/BELT COOLING ASSEMBLY .....                       | 23 |
| DRIVE TRAIN ASSEMBLY .....                             | 24 |
| FRONT DRIVE GEARCASE ASSEMBLY .....                    | 25 |
| REAR DRIVE GEARCASE ASSEMBLY .....                     | 26 |
| WIRING HARNESS ASSEMBLY .....                          | 27 |
| BATTERY AND STARTER ASSEMBLY .....                     | 28 |
| THROTTLE BODY ASSEMBLY .....                           | 29 |
| CYLINDER ASSEMBLY .....                                | 30 |
| CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY .....        | 31 |
| CAM CHAIN ASSEMBLY .....                               | 32 |
| CRANKCASE ASSEMBLY .....                               | 33 |
| CRANKSHAFT AND PISTON ASSEMBLY .....                   | 34 |
| STARTER CLUTCH ASSEMBLY .....                          | 35 |
| OIL PUMP ASSEMBLY .....                                | 36 |
| WATER PUMP ASSEMBLY .....                              | 37 |
| TRANSMISSION ASSEMBLY .....                            | 38 |
| SECONDARY TRANSMISSION ASSEMBLY .....                  | 39 |
| GEAR SHIFTING ASSEMBLY .....                           | 40 |
| SECONDARY DRIVE ASSEMBLY .....                         | 41 |
| MAGNETO ASSEMBLY .....                                 | 42 |
| MAGNETO SIDE ENGINE COVERS .....                       | 43 |
| CLUTCH SIDE ENGINE COVERS .....                        | 44 |

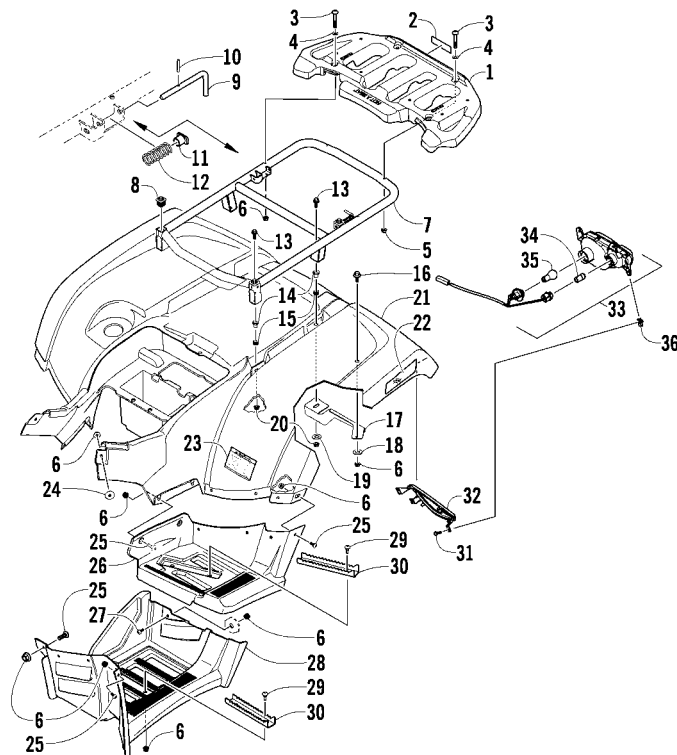
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



## FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0745-018

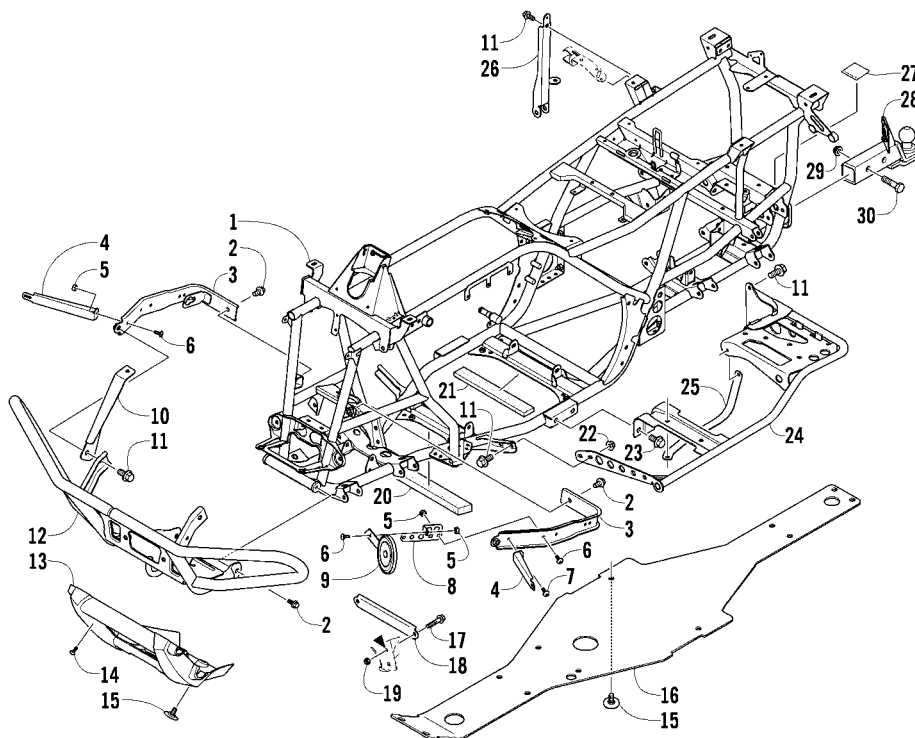
| Ref | Part No. | New | Qty | Description                             | Ref | Part No. | New | Qty | Description                           |
|-----|----------|-----|-----|-----------------------------------------|-----|----------|-----|-----|---------------------------------------|
| 1   | 2506-106 |     | 1   | Rack, Front - Assembly (inc. 2-3)       | 23  | 8050-217 |     | 8   | Washer                                |
| 2   | 0411-576 |     | 1   | ● Decal, Warning - Load                 | 24  | 0423-447 |     | 4   | Grommet                               |
| 3   | 0441-592 |     | 4   | ● Bushing                               | 25  | 2406-802 |     | 1   | Panel, Side - Lower - Right           |
| 4   | 8410-830 |     | 4   | Screw, Cap                              |     | 2406-803 |     | 1   | Panel, Side - Lower - Left            |
| 5   | 0423-669 |     | 4   | Spacer                                  | 26  | 0423-678 |     | 8   | Grommet                               |
| 6   | 0423-465 |     | 4   | Grommet                                 | 27  | 1406-358 |     | 1   | Cover, Access                         |
| 7   | 8432-802 |     | 4   | Nut, Lock                               | 28  | 0423-535 |     | 2   | Rivet, Reinstallable                  |
| 8   | 0423-654 |     | 2   | Screw, Shoulder                         | 29  | 1406-484 |     | 1   | Cover, Steering Post                  |
| 9   | 8050-222 |     | 2   | Washer                                  | 30  | 1411-050 |     | 1   | Decal, "Speedrack"                    |
| 10  | 0423-540 |     | 2   | Nut, Lock                               | 31  | 0623-362 |     | 4   | Rivet, Reinstallable                  |
| 11  | 0509-036 |     | 1   | Headlight Assembly - Right (inc. 12-18) | 32  | 0470-513 |     | 1   | Cover, Storage Box                    |
|     | 0509-037 |     | 1   | Headlight Assembly - Left (inc. 12-18)  | 33  | 1406-573 |     | 1   | Box, Storage                          |
| 12  | 0409-102 |     | 2   | ● Socket, Position Bulb                 | 34  | 2506-234 |     | 1   | Lid, Storage Box w/Latch (inc. 35-36) |
| 13  | 0409-101 |     | 2   | ● Bulb, Position                        | 35  | 1406-599 |     | 1   | ● Latch, Storage Box                  |
| 14  | 0409-099 |     | 2   | ● Bulb, Turn Signal                     | 36  | 0470-514 |     | 1   | ● Lid, Storage Box                    |
| 15  | 0409-100 |     | 2   | ● Socket, Turn Signal Bulb              | 37  | 0423-101 |     | 2   | Screw, Shoulder                       |
| 16  | 0409-096 |     | 2   | ● Bulb, Headlight                       | 38  | 2516-415 | X   | 1   | Panel, Fender - Desert Red            |
| 17  | 0409-097 |     | 2   | ● Retainer, Spring                      | 39  | 0411-818 |     | 1   | Decal, Reflector - Right - Amber      |
| 18  | 0409-098 |     | 2   | ● Boot, Rubber                          |     | 0411-819 |     | 1   | Decal, Reflector - Left - Amber       |
| 19  | 0423-514 |     | 2   | Stud, Adjuster - Headlight              | 40  | 1411-906 |     | 1   | Decal, Warning - Throttle             |
| 20  | 0423-522 |     | 2   | Spring, Adjuster                        | 41  | 1411-634 |     | 1   | Decal, Side - Upper Right             |
| 21  | 0423-513 |     | 2   | Knob, Adjuster                          |     | 1411-635 |     | 1   | Decal, Side - Upper Left              |
| 22  | 0623-785 |     | 4   | Screw, Self-Tapping                     | 42  | 1411-725 |     | 1   | Decal, Front                          |



## REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0744-941

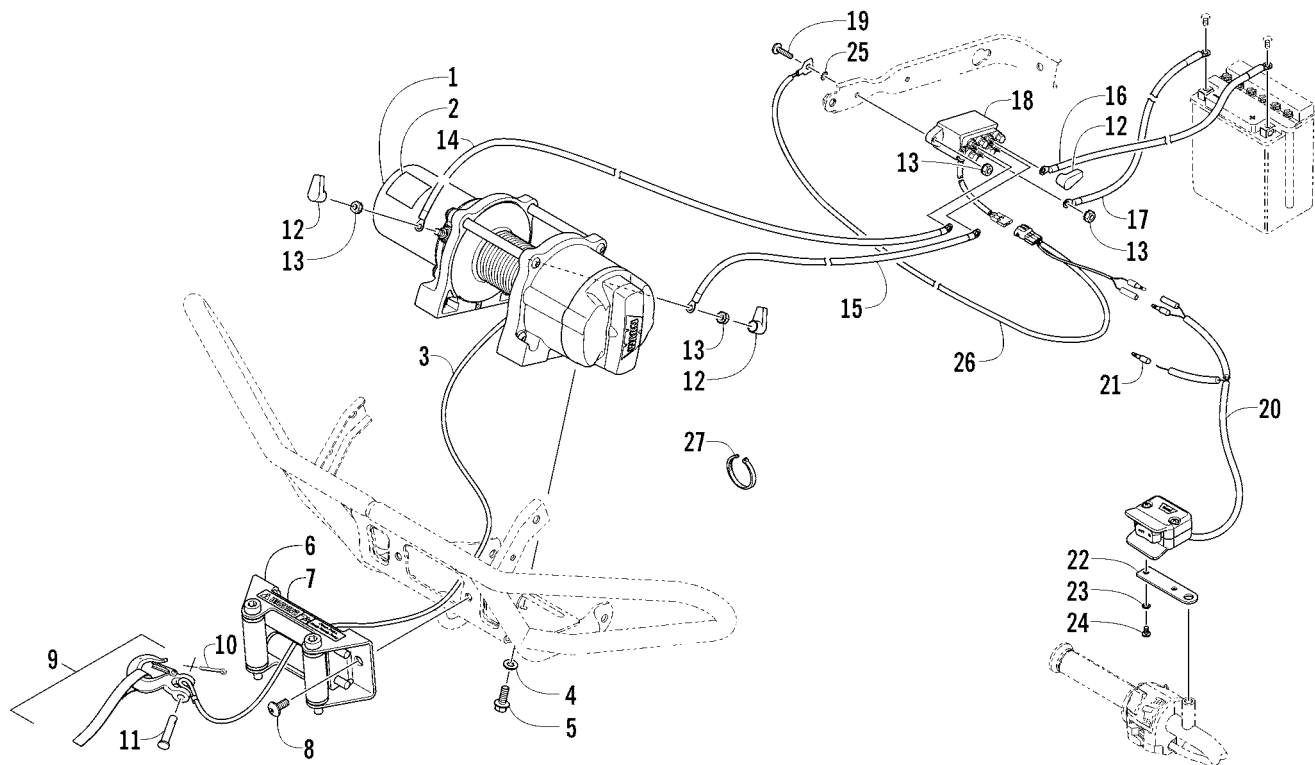
| Ref | Part No. | New | Qty | Description                       | Ref | Part No. | New | Qty | Description                             |
|-----|----------|-----|-----|-----------------------------------|-----|----------|-----|-----|-----------------------------------------|
| 1   | 2516-339 |     | 1   | Cover, Rack (inc. 2)              | 21  | 2516-345 | X   | 1   | Fender, Rear - Assembly - Desert Red    |
| 2   | 1411-201 |     | 1   | ● Decal, Warning - Load           | 22  | 1411-592 |     | 1   | Decal, Reflector - Right - Red          |
| 3   | 8410-640 |     | 4   | Screw, Cap                        |     | 1411-593 |     | 1   | Decal, Reflector - Left - Red           |
| 4   | 8050-223 |     | 4   | Washer                            | 23  | 2411-176 | X   | 1   | Decal, Warning - Tire Pressure          |
| 5   | 0423-891 |     | 2   | Nut, Cap                          | 24  | 0423-101 |     | 2   | Screw, Shoulder                         |
| 6   | 0423-540 |     | 38  | Nut, Lock                         | 25  | 0423-419 |     | 22  | Screw, Machine                          |
| 7   | 2516-169 |     | 1   | Rack, Rear - Assembly (inc. 8-12) | 26  | 2406-042 |     | 1   | Footwell, Rear - Right                  |
| 8   | 0441-592 |     | 4   | ● Bushing                         |     | 2406-043 |     | 1   | Footwell, Rear - Left                   |
| 9   | 0541-504 |     | 2   | ● Pin - Assembly (inc. 10-12)     | 27  | 8477-620 |     | 2   | Screw, Machine                          |
| 10  | 0423-635 |     | 2   | ●● Pin, Roll                      | 28  | 2506-856 |     | 1   | Footwell - Right                        |
| 11  | 0423-677 |     | 2   | ●● Bushing, Flanged               |     | 2506-857 |     | 1   | Footwell - Left                         |
| 12  | 0423-636 |     | 2   | ●● Spring                         | 29  | 0423-355 |     | 8   | Screw, Shoulder                         |
| 13  | 8410-835 |     | 4   | Screw, Cap                        | 30  | 1506-125 |     | 4   | Footpeg                                 |
| 14  | 0423-669 |     | 4   | Spacer                            | 31  | 8476-516 |     | 6   | Screw, Machine                          |
| 15  | 0423-465 |     | 4   | Grommet                           | 32  | 0409-112 |     | 1   | Bezel, Taillight - Right                |
| 16  | 0423-654 |     | 2   | Screw, Shoulder                   |     | 0409-113 |     | 1   | Bezel, Taillight - Left                 |
| 17  | 2506-092 |     | 1   | Bracket, Rear Fender - Right      | 33  | 3313-392 |     | 1   | Taillight Assembly - Right (inc. 34-35) |
|     | 2506-093 |     | 1   | Bracket, Rear Fender - Left       |     | 3313-393 |     | 1   | Taillight Assembly - Left (inc. 34-35)  |
| 18  | 8050-222 |     | 2   | Washer                            | 34  | 3313-506 |     | 2   | ● Bulb, Turn Signal                     |
| 19  | 0423-087 |     | 2   | Washer                            | 35  | 3303-849 |     | 2   | ● Bulb, Taillight                       |
| 20  | 8432-802 |     | 4   | Nut, Lock                         | 36  | 3304-061 |     | 6   | Clip, U-Nut                             |



## FRAME AND RELATED PARTS

0745-019

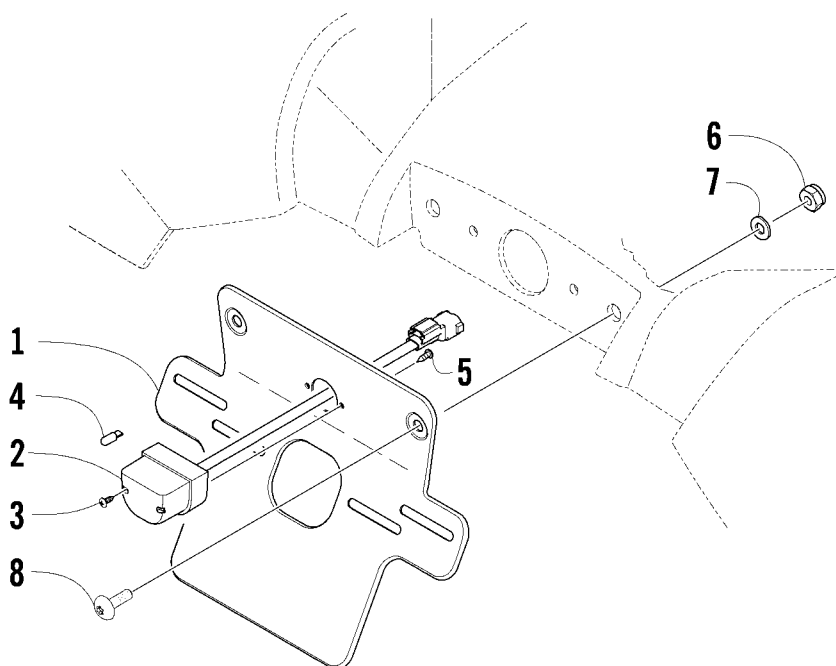
| Ref | Part No. | New | Qty | Description                        | Ref | Part No. | New | Qty | Description                    |
|-----|----------|-----|-----|------------------------------------|-----|----------|-----|-----|--------------------------------|
| 1   | 2506-769 |     | 1   | Frame, Main                        | 16  | 2406-718 |     | 1   | Panel, Belly                   |
| 2   | 8409-020 |     | 4   | Screw, Cap                         | 17  | 8409-025 |     | 2   | Screw, Cap                     |
| 3   | 2506-813 |     | 1   | Channel, Bumper Mounting - Right   | 18  | 1506-429 |     | 1   | Brace, A-Arm                   |
|     | 2506-285 |     | 1   | Channel, Bumper Mounting - Left    | 19  | 8428-002 |     | 2   | Nut, Lock                      |
| 4   | 2416-162 | X   | 1   | Bracket, Support - Right           | 20  | 2506-701 |     | 1   | Pad, Frame                     |
|     | 2416-163 | X   | 1   | Bracket, Support - Left            | 21  | 0406-289 |     | 1   | Pad, Frame                     |
| 5   | 0623-038 |     | 3   | Nut w/Washer                       | 22  | 8424-802 |     | 4   | Nut                            |
| 6   | 8477-616 |     | 2   | Screw, Machine                     | 23  | 8409-016 |     | 4   | Screw, Cap                     |
| 7   | 8477-620 |     | 1   | Screw, Machine                     | 24  | 2506-776 |     | 1   | Footrest - Right               |
| 8   | 2406-321 |     | 1   | Bracket, Mounting - Horn           |     | 1506-849 |     | 1   | Footrest - Left                |
| 9   | 0430-053 |     | 1   | Horn, Electric - 12V               | 25  | 2406-788 |     | 1   | Strap, Footrest - Right        |
| 10  | 1506-562 |     | 1   | Bracket, Mounting - Bumper - Right |     | 2406-789 |     | 1   | Strap, Footrest - Left         |
|     | 1506-563 |     | 1   | Bracket, Mounting - Bumper - Left  | 26  | 2506-447 |     | 1   | Bracket, Support               |
| 11  | 8408-816 |     | 11  | Screw, Cap                         | 27  | 1411-077 |     | 1   | Decal, Warning - Towing        |
| 12  | 1506-855 |     | 1   | Bumper                             | 28  | 0541-766 |     | 1   | Mount, Ball Hitch (inc. 29-30) |
| 13  | 1406-360 |     | 1   | Fascia, Bumper                     | 29  | 0423-690 |     | 1   | ● Nut, Lock                    |
| 14  | 0423-419 |     | 2   | Screw, Machine                     | 30  | 0423-693 |     | 1   | ● Screw, Cap                   |
| 15  | 0423-101 |     | 12  | Screw, Shoulder                    |     |          |     |     |                                |



## WINCH ASSEMBLY

0744-933

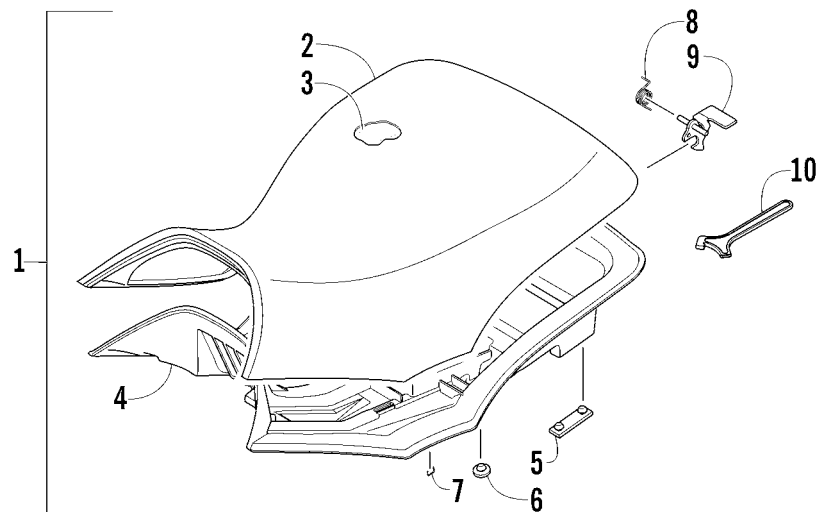
| Ref | Part No. | New | Qty | Description                    | Ref | Part No. | New | Qty | Description                           |
|-----|----------|-----|-----|--------------------------------|-----|----------|-----|-----|---------------------------------------|
| 1   | 1441-657 |     | 1   | Winch (inc. 2-3)               | 15  | 0445-069 |     | 1   | Cable, Winch/Solenoid - Blue          |
| 2   | 1411-826 |     | 1   | ● Decal, Warning               | 16  | 0445-087 | X   | 1   | Cable, Solenoid/Battery - Red         |
| 3   | 0441-061 |     | 1   | ● Cable, Winch                 | 17  | 1441-112 |     | 1   | Cable, Solenoid/Battery - Black       |
| 4   | 8051-246 |     | 4   | Washer, Lock                   | 18  | 0409-066 |     | 1   | Solenoid                              |
| 5   | 8408-820 |     | 4   | Screw, Cap                     | 19  | 8476-625 |     | 2   | Screw, Machine                        |
| 6   | 0441-403 |     | 1   | Roller, Winch (inc. 7)         | 20  | 0505-552 |     | 1   | Switch, Winch - Assembly (inc. 21-26) |
| 7   | 0411-474 |     | 1   | ● Decal, Warning - Pinch Point | 21  | 1441-428 |     | 1   | ● Connector, Harness                  |
| 8   | 8468-820 |     | 2   | Screw, Machine                 | 22  | 0505-551 |     | 1   | ● Bracket, Winch Switch               |
| 9   | 0541-760 |     | 1   | Hook, Winch w/Strap            | 23  | 8052-093 |     | 2   | ● Washer, Internal Tooth Lock         |
| 10  | 1441-129 |     | 1   | Pin, Cotter                    | 24  | 8009-243 |     | 2   | ● Screw, Machine                      |
| 11  | 1441-130 |     | 1   | Pin                            | 25  | 8053-212 |     | 1   | ● Washer, External Tooth Lock         |
| 12  | 0645-019 |     | 3   | Boot, Terminal                 | 26  | 0486-276 |     | 1   | ● Harness, Adapter - Solenoid         |
| 13  | 0623-038 |     | 6   | Nut w/Washer                   | 27  | 0123-788 |     | AR  | Tie, Cable - 8 in.                    |
| 14  | 0445-068 |     | 1   | Cable, Winch/Solenoid - Yellow |     | 0123-903 |     | AR  | Tie, Cable - 11.5 in.                 |



## LICENSE PLATE HOLDER ASSEMBLY

0743-236

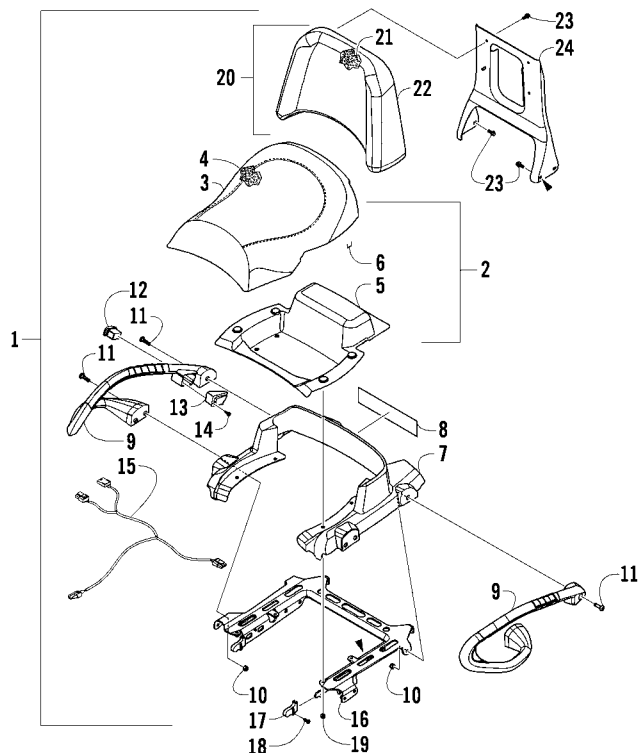
| Ref | Part No. | New | Qty | Description                                | Ref | Part No. | New | Qty | Description         |
|-----|----------|-----|-----|--------------------------------------------|-----|----------|-----|-----|---------------------|
| 1   | 2506-914 |     | 1   | Mount, License Plate                       | 5   | 0123-950 |     | 2   | Screw, Self-Tapping |
| 2   | 3304-772 |     | 1   | Light, License Plate Assembly (inc. 3-4)   | 6   | 8432-802 |     | 2   | Nut, Lock           |
| 3   | —        |     | 2   | ● Screw, Self-Tapping - Not a Service Part | 7   | 8050-247 |     | 2   | Washer              |
| 4   | 3303-847 |     | 1   | ● Bulb                                     | 8   | 8468-820 |     | 2   | Screw, Machine      |



SEAT ASSEMBLY

0744-621

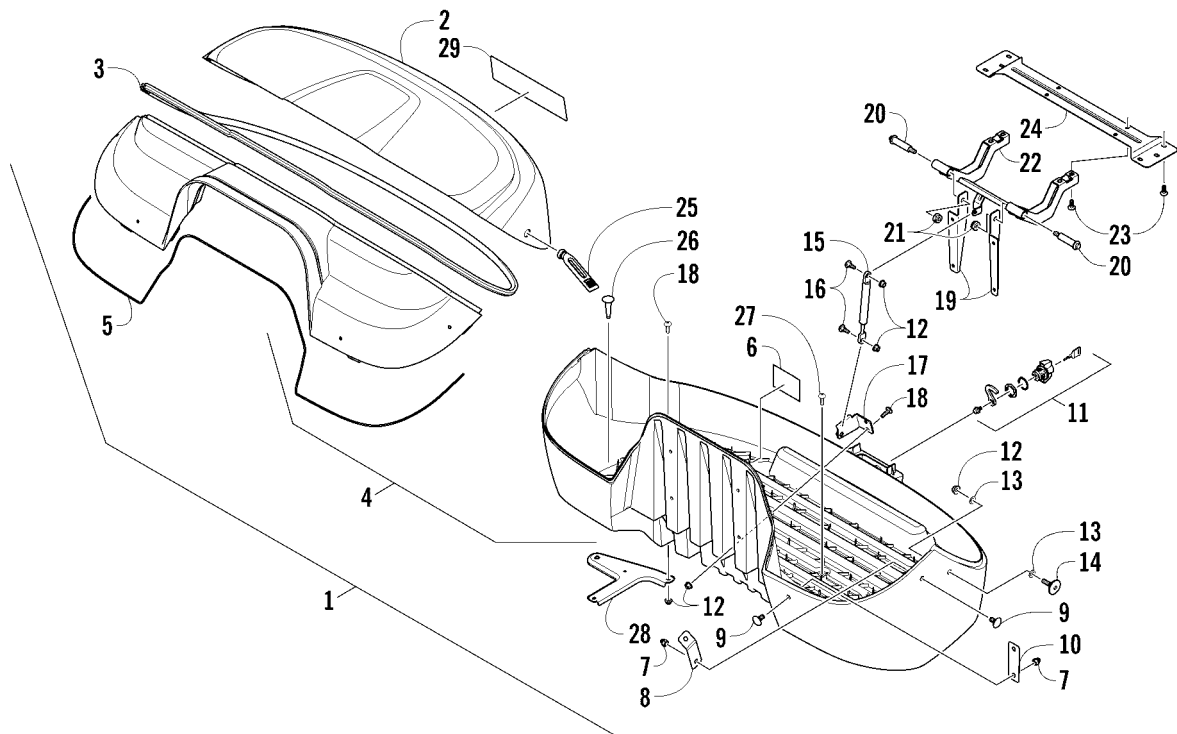
| Ref | Part No. | New | Qty | Description                        | Ref | Part No. | New | Qty | Description             |
|-----|----------|-----|-----|------------------------------------|-----|----------|-----|-----|-------------------------|
| 1   | 2506-384 |     | 1   | Seat Assembly (inc. 2-9)           | 6   | 0406-877 |     | 4   | ●● Bumper, Seat - Front |
| 2   | 2506-756 |     | 1   | ● Cover, Seat                      | 7   | 0624-528 |     | AR  | ● Staple                |
| 3   | 2506-755 |     | 1   | ● Foam, Seat                       | 8   | 1406-592 |     | 1   | ● Spring, Seat Latch    |
| 4   | 2406-525 |     | 1   | ● Base, Seat - Assembly (inc. 5-6) | 9   | 1506-156 |     | 1   | ● Latch, Seat           |
| 5   | 0406-879 |     | 2   | ●● Bumper, Seat - Rear             | 10  | 0441-587 |     | 1   | Wrench, Spanner         |



## PASSENGER SEAT AND BACKREST ASSEMBLY

0744-688

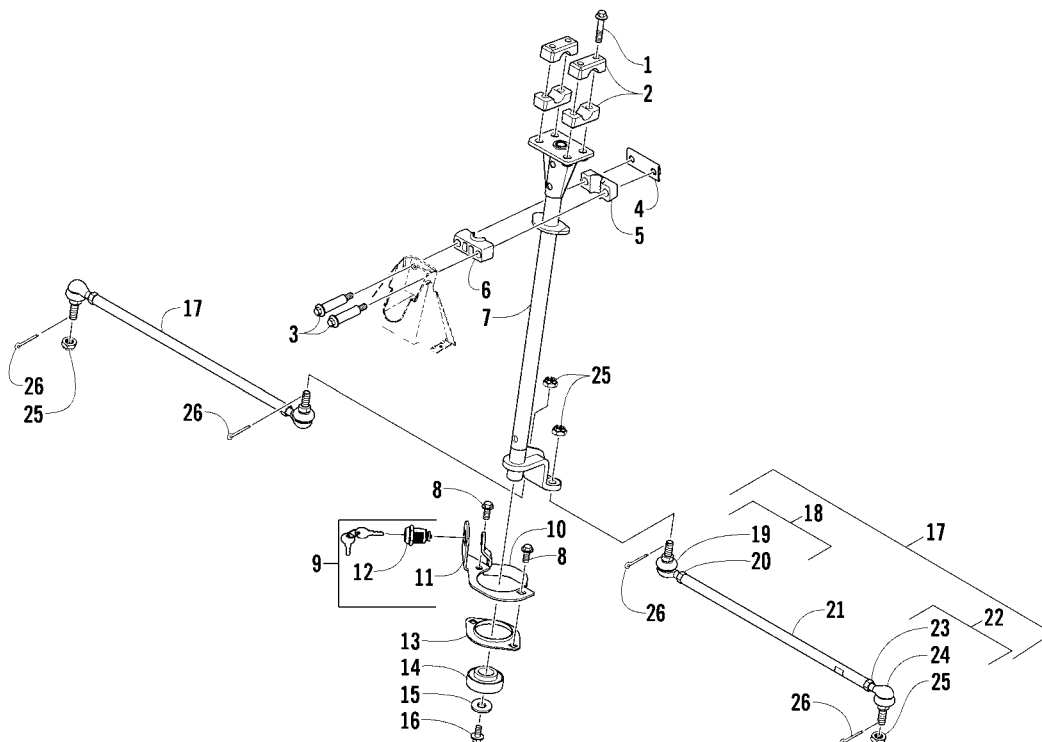
| Ref | Part No. | New | Qty | Description                                 | Ref | Part No. | New | Qty | Description                        |
|-----|----------|-----|-----|---------------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 2506-938 |     | 1   | Seat, Passenger - Assembly (inc. 2-19)      | 12  | 0409-126 |     | 1   | ● Switch, Handwarmer               |
| 2   | 2506-940 |     | 1   | ● Seat, Passenger - Sub-Assembly (inc. 3-6) | 13  | 2416-042 |     | 1   | ● Cover, Switch                    |
| 3   | 2506-944 |     | 1   | ●● Cover, Seat - Passenger                  | 14  | 0423-342 |     | 2   | ● Screw, Self-Tapping              |
| 4   | 2506-942 |     | 1   | ●● Foam, Seat - Passenger                   | 15  | 0486-318 |     | 1   | ● Harness, Adapter - Handwarmer    |
| 5   | 2406-110 |     | 1   | ●● Base, Seat - Inner                       | 16  | 2516-040 |     | 1   | ● Bracket, Seat Support - Assembly |
| 6   | 0624-263 | AR  |     | ●● Staple                                   | 17  | 2406-895 |     | 2   | ● End Cap, Seat Support            |
| 7   | 2406-044 |     | 1   | ● Base, Seat - Passenger                    | 18  | 0423-538 |     | 2   | ● Screw, Self-Tapping              |
| 8   | 0411-814 |     | 1   | ● Decal, "Arctic Cat"                       | 19  | 8427-602 |     | 4   | ● Nut, Lock                        |
| 9   | 2406-744 |     | 1   | ● Handhold, Passenger - Right               | 20  | 2506-806 |     | 1   | Backrest Assembly (inc. 21-22)     |
|     | 2406-745 |     | 1   | ● Handhold, Passenger - Left                | 21  | 2406-765 |     | 1   | ● Foam, Backrest                   |
| 10  | 8432-802 |     | 6   | ● Nut, Lock                                 | 22  | 2406-768 |     | 1   | ● Cover, Backrest                  |
| 11  | 8468-830 |     | 6   | ● Screw, Machine                            | 23  | 8408-816 |     | 8   | Screw, Cap                         |
|     |          |     |     |                                             | 24  | 2506-955 |     | 1   | Bracket, Backrest Support          |



## STORAGE BOX ASSEMBLY

0746-029

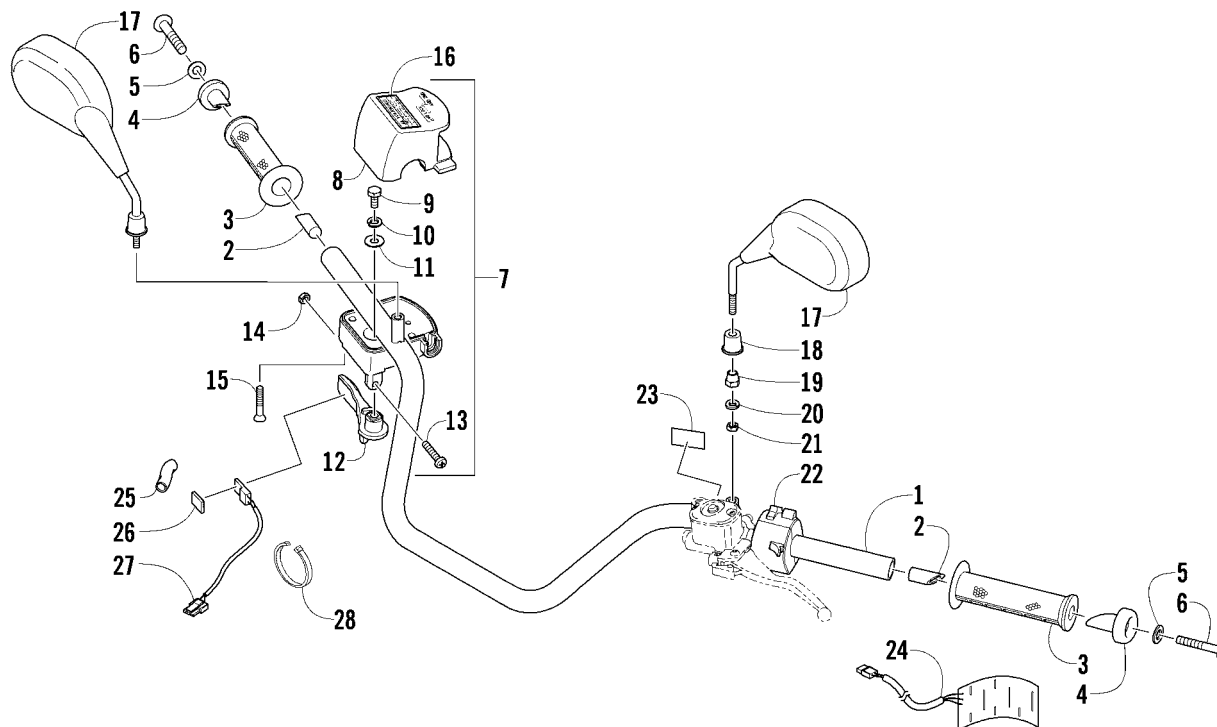
| Ref | Part No. | New | Qty | Description                                     | Ref | Part No. | New | Qty | Description                        |
|-----|----------|-----|-----|-------------------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 4506-511 | X   | 1   | Complete Storage Box Assembly - Red (inc. 2-25) | 15  | 2416-198 | X   | 1   | ● Support, Lid                     |
| 2   | 4506-428 | X   | 1   | ● Lid, Storage Box - Desert Red                 | 16  | 0423-355 |     | 2   | ● Screw, Shoulder                  |
| 3   | 2406-787 |     | 1   | ● Seal, Storage Box Lid                         | 17  | 2516-511 | X   | 1   | ● Bracket, Mounting - Lid Support  |
| 4   | 4506-447 | X   | 1   | ● Box, Storage - Assembly - Red (inc. 5-10)     | 18  | 8477-620 |     | 5   | ● Screw, Machine                   |
| 5   | 2406-793 |     | 1   | ●● Seal, Storage Box Top                        | 19  | 2416-194 | X   | 1   | ● Bracket, Support - Hinge - Right |
| 6   | 1411-877 |     | 1   | ●● Decal, Warning - Storage Box                 | 20  | 2416-195 | X   | 1   | ● Bracket, Support - Hinge - Left  |
| 7   | 0423-901 |     | 8   | ●● Nut, Cap                                     | 21  | 0423-505 |     | 2   | ● Screw, Shoulder                  |
| 8   | 2516-117 |     | 2   | ●● Plate, Retaining                             | 22  | 8432-802 |     | 2   | ● Nut, Lock                        |
| 9   | 0423-895 |     | 8   | ●● Bolt, Carriage                               | 23  | 2516-514 |     | 1   | ● Hinge, Lid                       |
| 10  | 2516-116 |     | 2   | ●● Plate, Retaining                             | 24  | 8477-616 |     | 10  | ● Screw, Machine                   |
| 11  | 2416-209 | X   | 1   | ● Latch, Storage Box Lid                        | 25  | 2516-555 | X   | 1   | ● Brace, Lid - Storage Box         |
| 12  | 0423-540 |     | 6   | ● Nut, Lock                                     | 26  | 1606-930 |     | 2   | ● Strap, Hold-Down                 |
| 13  | 8050-233 |     | 4   | ● Washer                                        | 27  | 2406-843 |     | 4   | Plug                               |
| 14  | 1423-060 |     | 2   | ● Screw, Shoulder                               | 28  | 0423-889 |     | 10  | Screw, Machine                     |
|     |          |     |     |                                                 | 29  | 2506-926 |     | 1   | Bracket, Mounting - Safety Flag    |
|     |          |     |     |                                                 |     | 1411-725 |     | 1   | ● Decal, "Arctic Cat"              |



## STEERING ASSEMBLY

0743-209

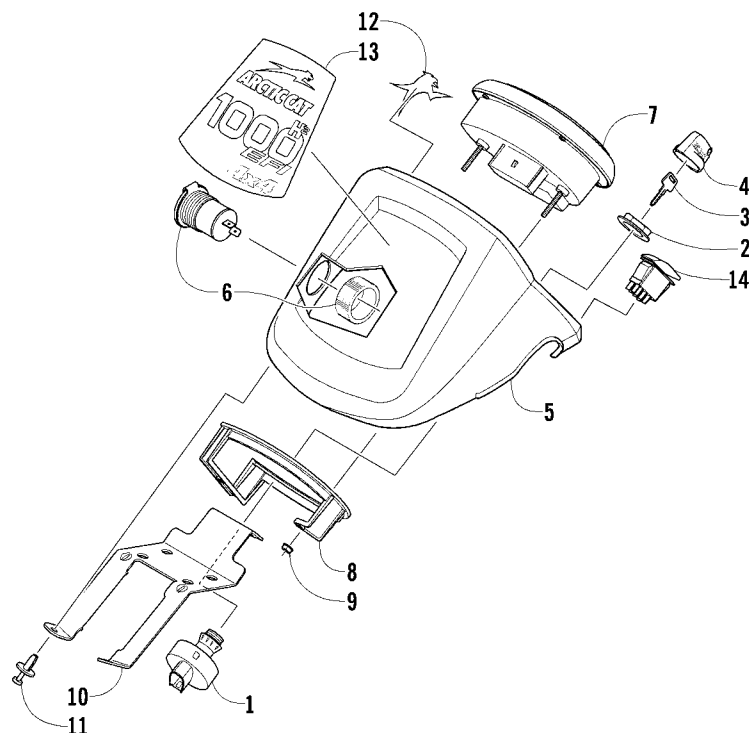
| Ref | Part No. | New | Qty | Description                         | Ref | Part No. | New | Qty | Description                                              |
|-----|----------|-----|-----|-------------------------------------|-----|----------|-----|-----|----------------------------------------------------------|
| 1   | 8408-860 |     | 4   | Screw, Cap                          | 16  | 8409-020 |     | 1   | Screw, Cap                                               |
| 2   | 0405-035 |     | 4   | Cap, Steering Adjuster              | 17  | 0505-499 |     | 2   | Tie Rod - Assembly (inc. 18-24)                          |
| 3   | 0423-505 |     | 2   | Screw, Shoulder                     | 18  | 0505-511 |     | 2   | ● End, Tie Rod - Left-Hand Thread - Kit (inc. 19-20)     |
| 4   | 0505-484 |     | 1   | Cap, Housing                        | 19  | —        |     | 2   | ●● End, Tie Rod - Left-Hand Thread - Not a Service Part  |
| 5   | 0405-138 |     | 1   | Housing, Lower                      | 20  | 0423-013 |     | 2   | ●● Nut - Left-Hand Thread                                |
| 6   | 0405-139 |     | 1   | Housing, Upper                      | 21  | 0405-281 |     | 2   | ● Tie Rod                                                |
| 7   | 0505-451 |     | 1   | Post, Steering                      | 22  | 0505-510 |     | 2   | ● End, Tie Rod - Right-Hand Thread - Kit (inc. 23-24)    |
| 8   | 8408-820 |     | 2   | Screw, Cap                          | 23  | 8420-002 |     | 2   | ●● Nut - Right-Hand Thread                               |
| 9   | 2406-355 |     | 1   | Steering Lock Assembly (inc. 10-12) | 24  | —        |     | 2   | ●● End, Tie Rod - Right-Hand Thread - Not a Service Part |
| 10  | 2506-173 |     | 1   | ● Latch                             | 25  | 0423-157 |     | 4   | Nut, Lock                                                |
| 11  | 2406-349 |     | 1   | ● Bracket, Mounting - Lock          | 26  | 0623-175 |     | 4   | Pin, Cotter                                              |
| 12  | 2406-354 |     | 1   | ● Lock                              |     |          |     |     |                                                          |
| 13  | 0602-233 |     | 1   | Flange, Bearing                     |     |          |     |     |                                                          |
| 14  | 0405-052 |     | 1   | Bearing w/Inverted Oil Seal         |     |          |     |     |                                                          |
| 15  | 0423-073 |     | 1   | Washer                              |     |          |     |     |                                                          |



## HANDLEBAR ASSEMBLY

0745-024

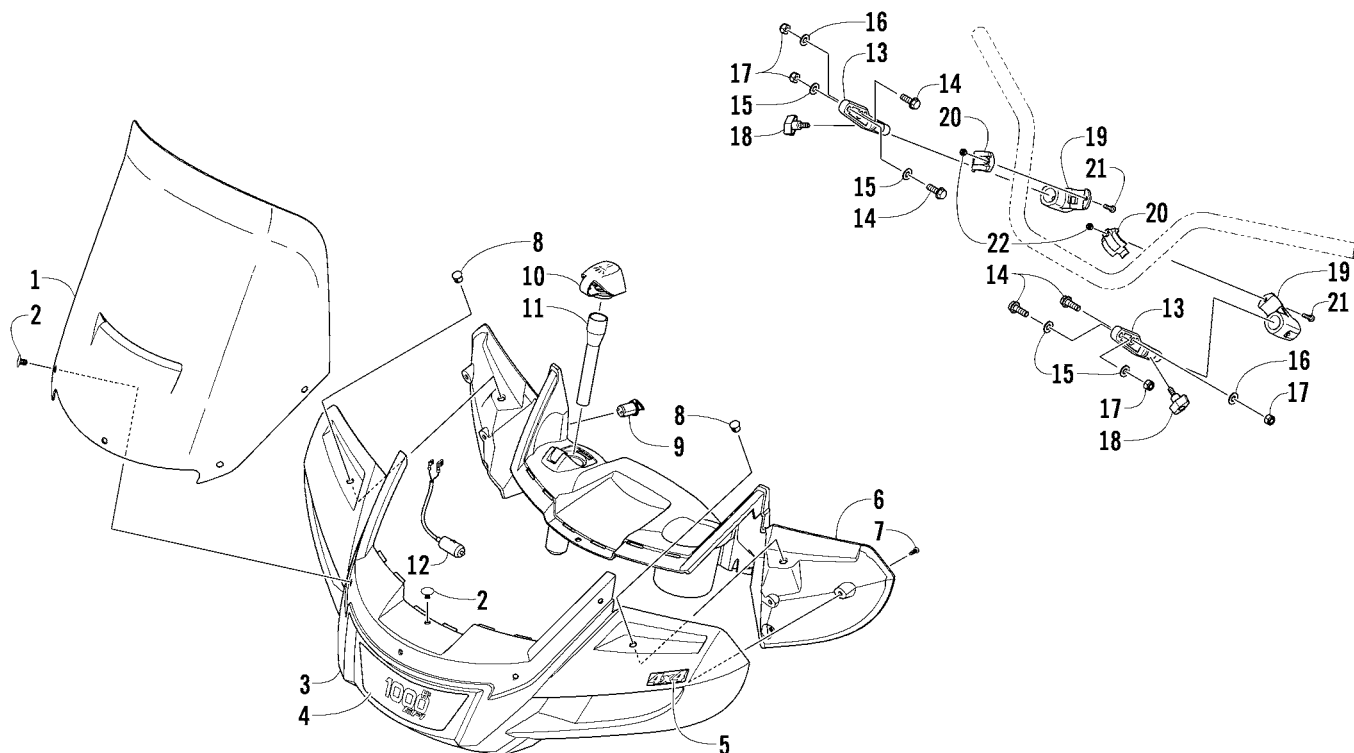
| Ref | Part No. | New | Qty | Description                           | Ref | Part No. | New | Qty | Description                        |
|-----|----------|-----|-----|---------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 0505-522 |     | 1   | Handlebar                             | 16  | 0411-966 |     | 1   | Decal, Warning - Differential Lock |
| 2   | 0405-218 |     | 2   | Plug, Handlebar                       | 17  | 2406-630 |     | 1   | Mirror - Right (inc. 18-21)        |
| 3   | 0405-147 |     | 2   | Grip, Handlebar                       |     | 2406-631 |     | 1   | Mirror - Left (inc. 18-21)         |
| 4   | 0405-149 |     | 2   | End Cap, Handlebar                    | 18  | 0423-985 |     | 2   | ● Cover                            |
| 5   | 8050-247 |     | 2   | Washer                                | 19  | 0423-986 |     | 2   | ● Nut, Adjuster                    |
| 6   | 8477-845 |     | 2   | Screw, Machine                        | 20  | 0423-987 |     | 2   | ● Washer, Lock                     |
| 7   | 0509-054 | X   | 1   | Case, Throttle - Assembly (inc. 8-15) | 21  | 0423-988 |     | 2   | ● Nut                              |
| 8   | 0409-141 | X   | 1   | ● Cover, Throttle Case w/Switch       | 22  | 0409-081 |     | 1   | Switch, Control - Assembly         |
| 9   | 3007-392 |     | 1   | ● Screw, Cap                          | 23  | 1411-865 |     | 1   | Decal, Warning - Brake Lever Lock  |
| 10  | 3004-447 |     | 1   | ● Washer, Lock                        | 24  | 0609-800 |     | 2   | Element, Handwarmer                |
| 11  | 3003-030 |     | 1   | ● Washer                              | 25  | 0441-498 |     | 1   | Tube, Shrink                       |
| 12  | 0409-133 | X   | 1   | ● Lever, Throttle                     | 26  | 0617-248 |     | 1   | Pad, Insulator                     |
| 13  | 3423-014 |     | 1   | ● Screw, Machine                      | 27  | 0409-134 | X   | 1   | Element, Thumbwarmer               |
| 14  | 3423-327 |     | 1   | ● Nut                                 | 28  | 0123-811 |     | AR  | Tie, Cable - 4 in.                 |
| 15  | 3423-199 |     | 2   | ● Screw, Machine                      |     | 0123-788 |     | AR  | Tie, Cable - 8 in.                 |



## INSTRUMENT POD ASSEMBLY

0744-650

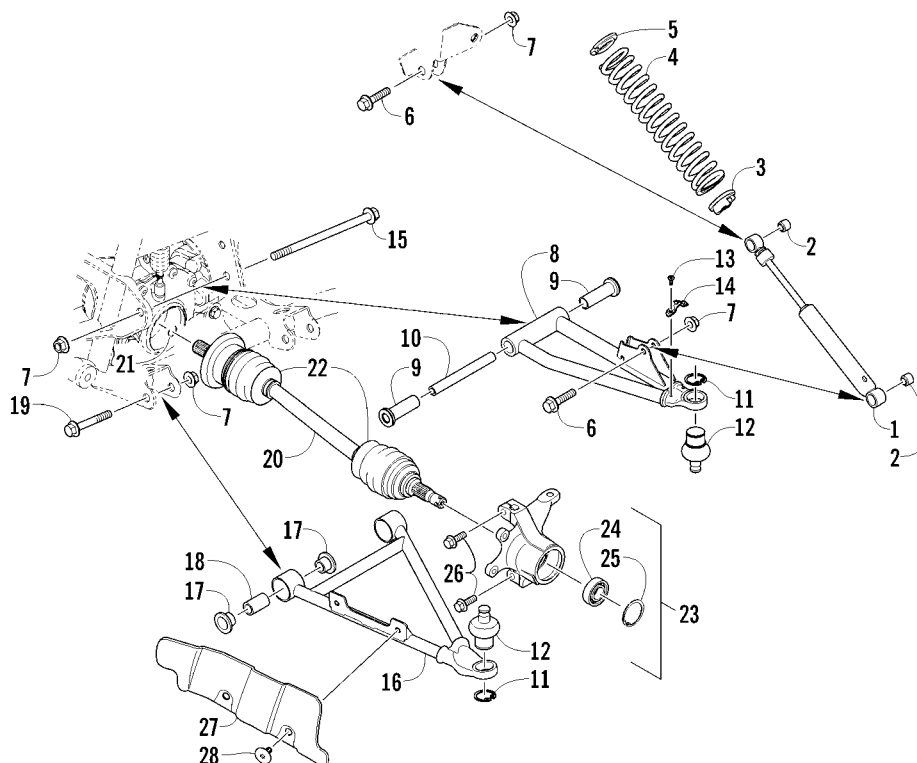
| Ref | Part No. | New | Qty | Description                                 | Ref | Part No. | New | Qty | Description                        |
|-----|----------|-----|-----|---------------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 0430-090 |     | 1   | Switch, Ignition - Assembly (inc. 2-4)      | 7   | 0520-084 | X   | 1   | Gauge, LCD                         |
| 2   | 0430-050 |     | 1   | ● Nut, Retaining                            | 8   | 0420-065 |     | 1   | Bracket, Retaining                 |
| 3   | 0430-042 |     | 1   | ● Key, Ignition - Y Series - Left-Side Cut  | 9   | 0423-493 |     | 2   | Nut w/Washer                       |
|     | 0430-043 |     | 1   | ● Key, Ignition - Z Series - Right-Side Cut | 10  | 2506-470 |     | 1   | Bracket, Mounting - Instrument Pod |
| 4   | 0430-054 |     | 1   | ● Cover, Key                                | 11  | 0423-535 |     | 2   | Rivet, Reinstallable               |
| 5   | 0505-596 | X   | 1   | Instrument Pod - Desert Red                 | 12  | 8611-267 |     | 1   | Decal, AirCat                      |
| 6   | 0641-897 |     | 1   | Outlet, Accessory - 12V                     | 13  | 1411-843 |     | 1   | Decal, Instrument Pod              |
|     |          |     |     |                                             | 14  | 0409-121 |     | 1   | Switch, Handwarmer                 |



## WINDSHIELD ASSEMBLY

0745-025

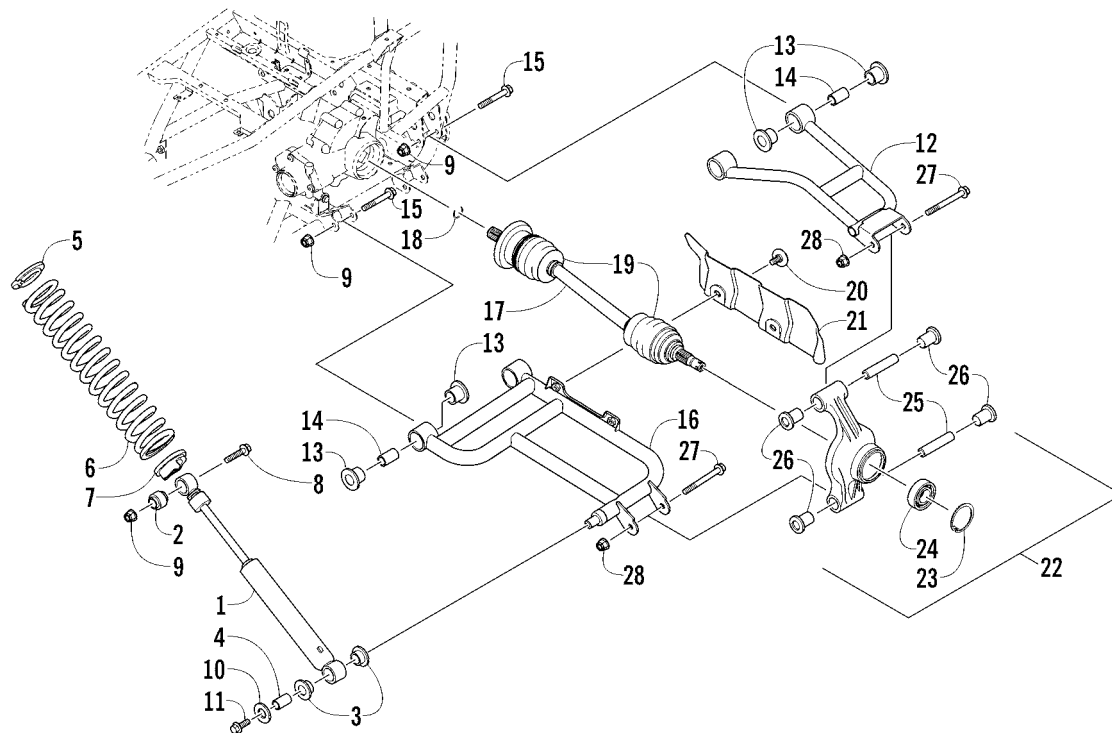
| Ref | Part No. | New | Qty | Description                   | Ref | Part No. | New | Qty | Description                         |
|-----|----------|-----|-----|-------------------------------|-----|----------|-----|-----|-------------------------------------|
| 1   | 0405-384 | X   | 1   | Windshield                    | 12  | 0486-319 |     | 1   | Adapter, Harness - Outlet Accessory |
| 2   | 0423-767 |     | 6   | Clip, Retaining               | 13  | 0405-352 |     | 2   | Pin, Mounting - Tapered             |
| 3   | 0505-620 | X   | 1   | Base, Windshield - Desert Red | 14  | 0423-949 |     | 4   | Screw, Cap                          |
| 4   | 1411-987 |     | 1   | Decal, Base - 1000 EFI        | 15  | 0423-948 |     | 4   | Washer                              |
| 5   | 1411-989 |     | 1   | Decal, Base - "4x4"           | 16  | 8450-128 |     | 2   | Washer                              |
| 6   | 0405-332 |     | 1   | Console - Black               | 17  | 8431-803 |     | 4   | Nut                                 |
| 7   | 0423-950 |     | 6   | Screw, Self-Tapping           | 18  | 1441-624 |     | 2   | Knob, Adjuster                      |
| 8   | 0623-562 |     | 2   | Plug                          | 19  | 0405-350 |     | 2   | Clamp, Handlebar                    |
| 9   | 0641-897 |     | 1   | Outlet, Accessory - 12V       | 20  | 0405-351 |     | 2   | Cap, Handlebar Clamp                |
| 10  | 0405-353 |     | 1   | Cover, Flashlight             | 21  | 8471-520 |     | 2   | Screw, Machine                      |
| 11  | 1441-839 |     | 1   | Flashlight                    | 22  | 8431-503 |     | 2   | Nut, Lock                           |



## FRONT SUSPENSION ASSEMBLY

0744-483

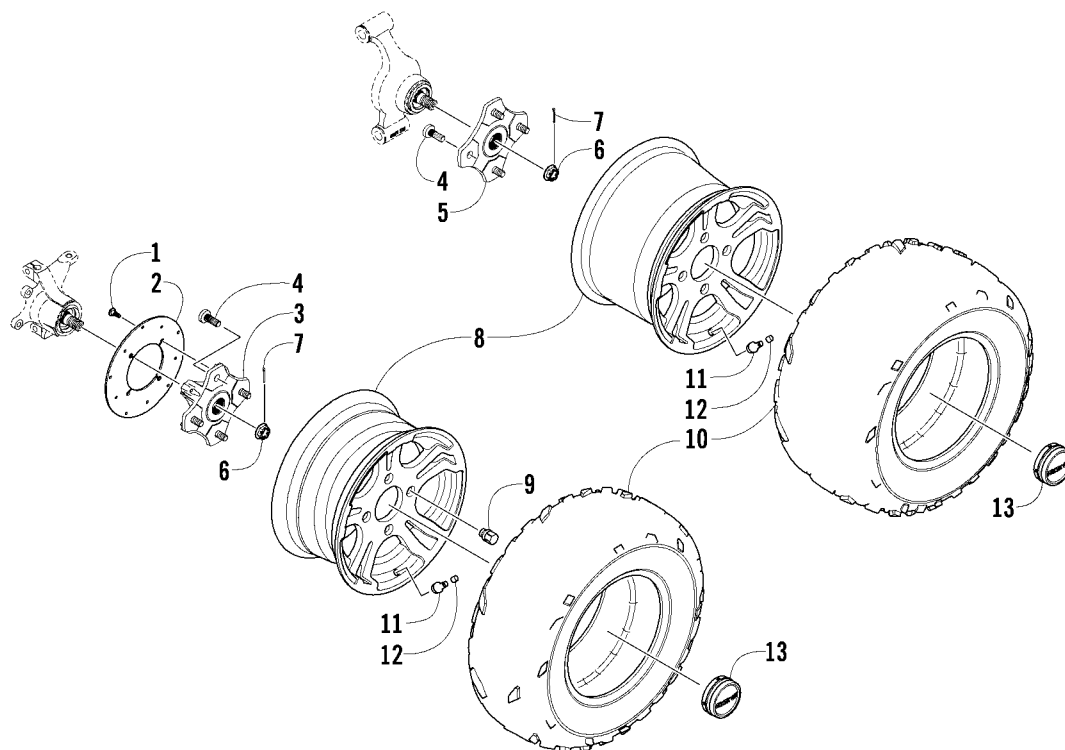
| Ref | Part No. | New | Qty | Description                                                  | Ref | Part No. | New | Qty | Description                             |
|-----|----------|-----|-----|--------------------------------------------------------------|-----|----------|-----|-----|-----------------------------------------|
| 1   | 0403-209 |     | 2   | Shock Absorber (inc. 2)                                      | 17  | 0403-208 | X   | 8   | ● Bushing                               |
| 2   | 0403-182 |     | 4   | ● Bushing                                                    | 18  | 0403-214 | X   | 4   | ● Axle                                  |
| 3   | 0403-102 |     | 2   | Cam, Spring Adjuster                                         | 19  | 8409-075 |     | 4   | Screw, Cap                              |
| 4   | 0503-354 |     | 2   | Spring, Suspension - Platinum                                | 20  | 1502-344 |     | 1   | Axle, Drive - Right (inc. 21-22)        |
| 5   | 1603-889 |     | 2   | Retainer, Spring                                             |     | 1502-345 |     | 1   | Axle, Drive - Left (inc. 21-22)         |
| 6   | 8409-040 |     | 4   | Screw, Cap                                                   | 21  | 0423-844 |     | 2   | ● Clip, Retaining                       |
| 7   | 0423-744 |     | 10  | Nut, Lock                                                    | 22  | 0436-276 |     | 2   | ● Repair Kit, Boot                      |
| 8   | 0503-420 | X   | 1   | A-Arm, Upper Right - Platinum (inc. 9-12)                    | 23  | 0505-578 |     | 1   | Knuckle - Assembly - Right (inc. 24-25) |
|     | 0503-421 | X   | 1   | A-Arm, Upper Left - Platinum (inc. 9-12)                     |     | 0505-579 |     | 1   | Knuckle - Assembly - Left (inc. 24-25)  |
| 9   | 0403-207 | X   | 4   | ● Bushing                                                    | 24  | 1402-809 |     | 2   | ● Bearing                               |
| 10  | 0403-080 |     | 2   | ● Axle                                                       | 25  | 0423-423 |     | 2   | ● Ring, Retaining                       |
| 11  | 0423-009 |     | 4   | ● Ring, Retaining                                            | 26  | 8409-030 |     | 4   | Screw, Cap                              |
| 12  | 0405-115 |     | 4   | ● Ball Joint                                                 | 27  | 1406-034 |     | 1   | Guard, Boot - Right - Black             |
| 13  | 0423-946 | X   | 4   | Screw, Self-Tapping                                          |     | 1406-035 |     | 1   | Guard, Boot - Left - Black              |
| 14  | 1502-594 | X   | 2   | Clamp, Routing                                               | 28  | 0423-545 |     | 4   | Screw, Shoulder                         |
| 15  | 0423-334 |     | 2   | Screw, Cap                                                   |     |          |     |     |                                         |
| 16  | 0503-380 |     | 1   | A-Arm, Lower Right - Platinum (inc. 17-18 and two No. 11-12) |     |          |     |     |                                         |
|     | 0503-381 |     | 1   | A-Arm, Lower Left - Platinum (inc. 17-18 and two No. 11-12)  |     |          |     |     |                                         |



## REAR SUSPENSION ASSEMBLY

0744-446

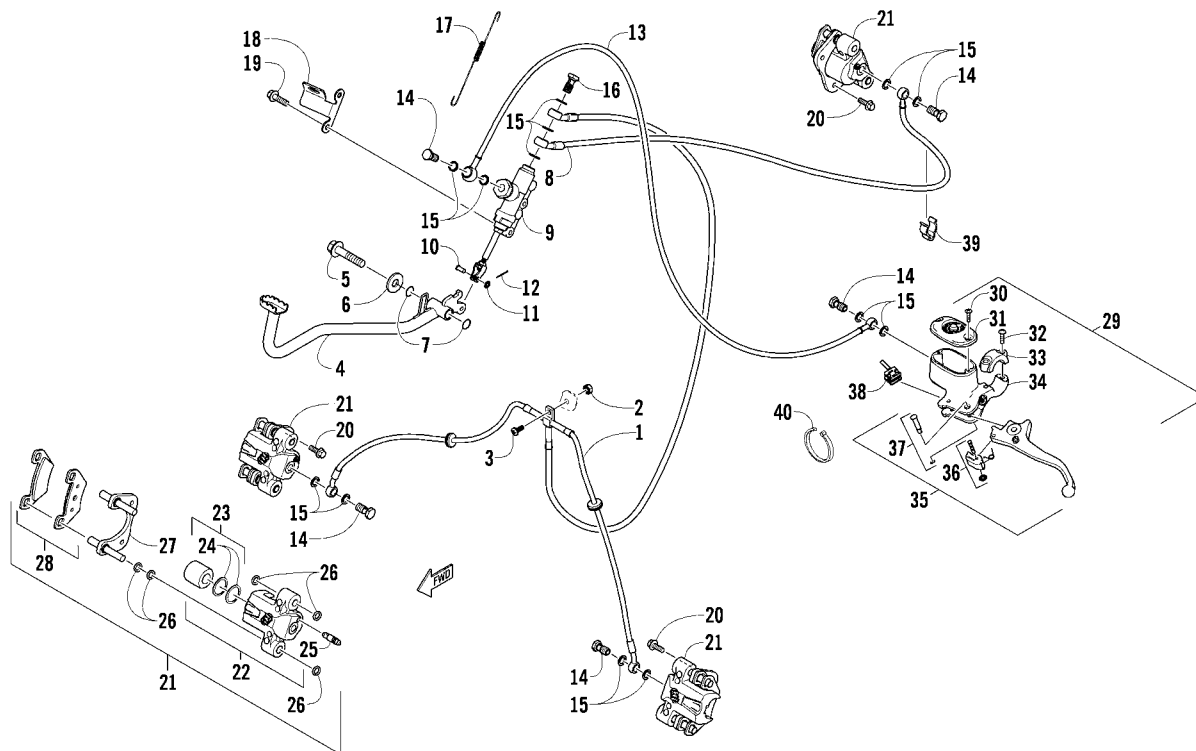
| Ref | Part No. | New | Qty | Description                          | Ref | Part No. | New | Qty | Description                        |
|-----|----------|-----|-----|--------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 0404-158 |     | 2   | Shock Absorber (inc. 2-4)            | 17  | 1502-343 |     | 2   | Axle, Drive (inc. 18-19)           |
| 2   | 0403-182 |     | 2   | ● Bushing                            | 18  | 0423-845 |     | 2   | ● Clip, Retaining                  |
| 3   | 0603-955 |     | 4   | ● Bushing                            | 19  | 0436-276 |     | 2   | ● Repair Kit, Boot                 |
| 4   | 1603-219 |     | 2   | ● Sleeve                             | 20  | 0423-545 |     | 4   | Screw, Shoulder                    |
| 5   | 1603-889 |     | 2   | Retainer, Spring                     | 21  | 1406-068 |     | 1   | Guard, Boot - Rear - Right - Black |
| 6   | 0504-543 |     | 2   | Spring, Suspension - Platinum        |     | 1406-069 |     | 1   | Guard, Boot - Rear - Left - Black  |
| 7   | 0404-057 |     | 2   | Cam, Spring Adjuster                 | 22  | 0504-630 | X   | 1   | Knuckle, Right Rear - Assembly     |
| 8   | 8409-050 |     | 2   | Screw, Cap                           |     |          |     |     | (inc. 23-26)                       |
| 9   | 0423-744 |     | 10  | Nut, Lock                            |     | 0504-551 |     | 1   | Knuckle, Left Rear - Assembly      |
| 10  | 0423-087 |     | 2   | Washer                               |     |          |     |     | (inc. 23-26)                       |
| 11  | 8408-820 |     | 2   | Screw, Cap                           | 23  | 0423-423 |     | 2   | ● Ring, Retaining                  |
| 12  | 0504-586 |     | 1   | A-Arm, Rear - Upper Right - Platinum | 24  | 1402-809 |     | 2   | ● Bearing                          |
|     |          |     |     | (inc. 13-14)                         | 25  | 0403-213 | X   | 4   | ● Axle                             |
|     | 0504-587 |     | 1   | A-Arm, Rear - Upper Left - Platinum  | 26  | 0403-206 | X   | 8   | ● Bushing                          |
|     |          |     |     | (inc. 13-14)                         | 27  | 8409-000 |     | 4   | Screw, Cap                         |
| 13  | 0403-208 | X   | 16  | ● Bushing                            | 28  | 8428-002 |     | 4   | Nut, Lock                          |
| 14  | 0403-214 | X   | 8   | ● Axle                               |     |          |     |     |                                    |
| 15  | 8409-075 |     | 8   | Screw, Cap                           |     |          |     |     |                                    |
| 16  | 0504-576 |     | 1   | A-Arm, Rear - Lower Right - Platinum |     |          |     |     |                                    |
|     |          |     |     | (inc. 13-14)                         |     |          |     |     |                                    |
|     | 0504-577 |     | 1   | A-Arm, Rear - Lower Left - Platinum  |     |          |     |     |                                    |
|     |          |     |     | (inc. 13-14)                         |     |          |     |     |                                    |



## WHEEL AND TIRE ASSEMBLY

0743-965

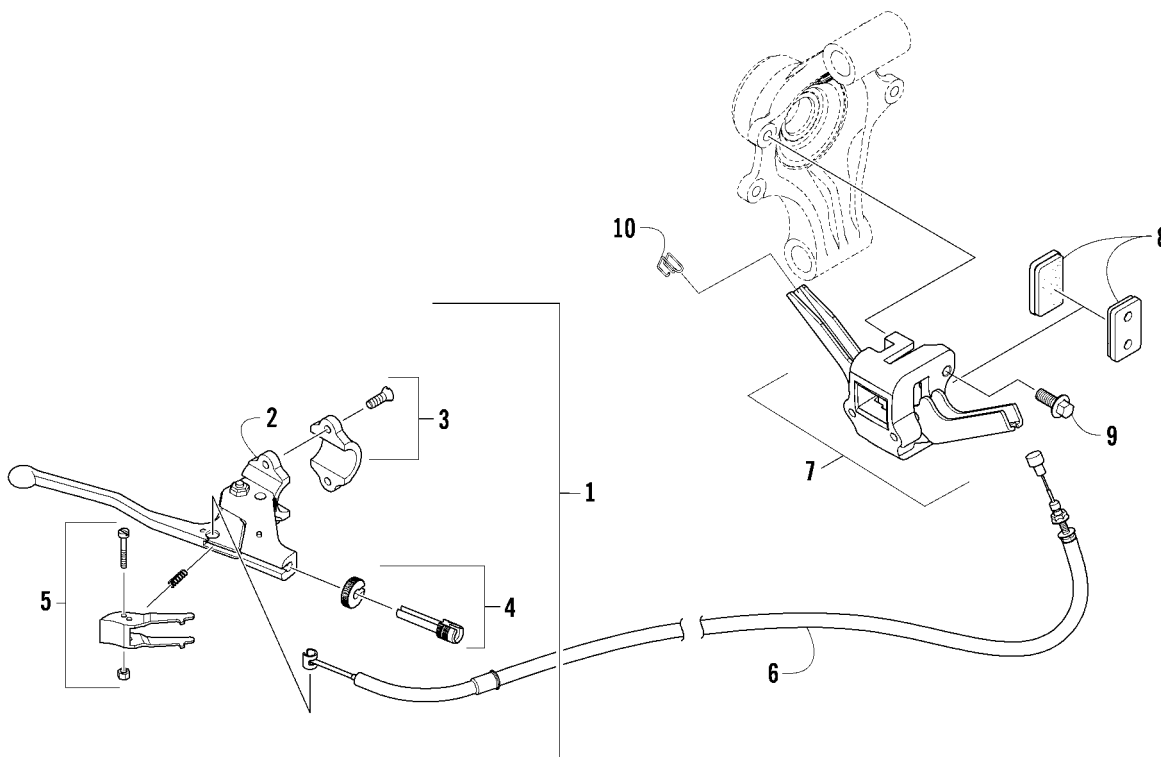
| Ref | Part No. | New | Qty | Description                 | Ref | Part No. | New | Qty | Description           |
|-----|----------|-----|-----|-----------------------------|-----|----------|-----|-----|-----------------------|
| 1   | 0423-557 |     | 12  | Screw, Shoulder             | 9   | 0423-618 |     | 16  | Nut, Lug - Chrome     |
| 2   | 1436-164 |     | 3   | Disc, Brake                 | 10  | 1402-858 |     | 2   | Tire - Front          |
| 3   | 1502-437 |     | 2   | Hub, Wheel - Front (inc. 4) |     | 1402-859 |     | 2   | Tire - Rear           |
| 4   | 0402-974 |     | 16  | ● Stud                      | 11  | 0402-064 |     | 4   | Stem, Valve (inc. 12) |
| 5   | 1502-437 |     | 2   | Hub, Wheel - Rear (inc. 4)  | 12  | 0402-140 |     | 4   | ● Cap, Valve Stem     |
| 6   | 0423-607 |     | 4   | Nut, Castle                 | 13  | 1402-736 |     | 4   | Cap, Wheel            |
| 7   | 0423-407 |     | 4   | Pin, Cotter                 |     |          |     |     |                       |
| 8   | 1402-730 |     | 2   | Wheel - Front - Aluminum    |     |          |     |     |                       |
|     | 1402-731 |     | 2   | Wheel - Rear - Aluminum     |     |          |     |     |                       |



## HYDRAULIC BRAKE ASSEMBLY

0745-026

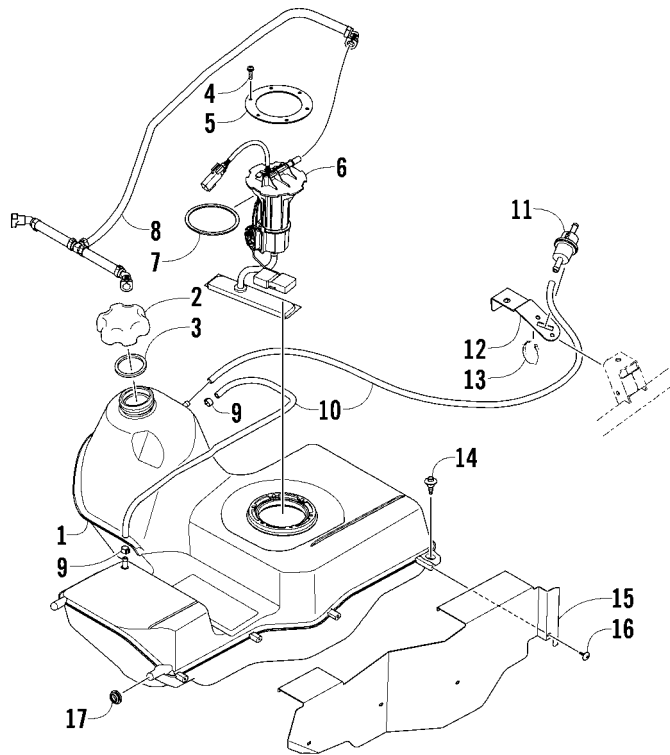
| Ref | Part No. | New | Qty | Description                                              | Ref | Part No. | New | Qty | Description                                                             |
|-----|----------|-----|-----|----------------------------------------------------------|-----|----------|-----|-----|-------------------------------------------------------------------------|
| 1   | 1502-148 |     | 1   | Hose, Brake - Assembly                                   | 22  | 1436-160 |     | 1   | ● Housing, Caliper - Assembly - Right Front (inc. two No. 20 and 23-25) |
| 2   | 0623-038 |     | 1   | Nut w/Washer                                             |     | 1436-161 |     | 1   | ● Housing, Caliper - Assembly - Left Front (inc. two No. 20 and 23-25)  |
| 3   | 8476-625 |     | 1   | Screw, Machine                                           |     | 1436-161 |     | 1   | ● Housing, Caliper - Assembly - Rear (inc. two No. 20 and 23-25)        |
| 4   | 1502-162 |     | 1   | Lever, Brake                                             |     |          |     |     | ● Piston/Seal Set (inc. 24)                                             |
| 5   | 8408-816 |     | 1   | Screw, Cap                                               | 23  | 0502-606 |     | 3   | ●● Seal Set                                                             |
| 6   | 8050-252 |     | 1   | Washer                                                   | 24  | 0502-607 |     | 3   | ●●● Seal Set                                                            |
| 7   | 1602-213 |     | 2   | O-Ring                                                   | 25  | 0502-609 |     | 3   | ●● Valve, Bleed                                                         |
| 8   | 1402-594 |     | 1   | Hose, Brake                                              | 26  | 0502-608 |     | 3   | ● O-Ring, Guide - Set                                                   |
| 9   | 1502-147 |     | 1   | Brake Assembly                                           | 27  | 0502-605 |     | 3   | ● Bracket Assembly                                                      |
| 10  | 1402-377 |     | 1   | Pin, Clevis                                              | 28  | 1502-694 | X   | 3   | ● Pad, Brake - Set                                                      |
| 11  | 8050-217 |     | 1   | Washer                                                   | 29  | 0502-914 |     | 1   | Brake Assembly (inc. 30-38)                                             |
| 12  | 0117-868 |     | 1   | Pin, Cotter                                              | 30  | 0502-566 |     | 1   | ● Screw, Machine - Kit                                                  |
| 13  | 1402-592 |     | 1   | Hose, Brake                                              | 31  | 0502-868 |     | 1   | ● Cover, Reservoir                                                      |
| 14  | 0423-413 |     | 5   | Bolt, Banjo-Fitting                                      | 32  | 0502-568 |     | 1   | ● Screw, Machine - Kit                                                  |
| 15  | 0423-178 |     | 13  | Washer, Crush                                            | 33  | 0502-869 |     | 1   | ● Clamp, Master Cylinder                                                |
| 16  | 0423-610 |     | 1   | Bolt, Banjo-Fitting - Double                             | 34  | 0502-704 |     | 1   | ● Master Cylinder Assembly                                              |
| 17  | 0502-785 |     | 1   | Spring, Brake Switch                                     | 35  | 0502-866 |     | 1   | ● Lever Assembly - Kit (inc. 36-37)                                     |
| 18  | 0502-840 |     | 1   | Bracket, Switch                                          | 36  | 0502-867 |     | 1   | ●● Lock, Brake Lever - Kit                                              |
| 19  | 8408-625 |     | 2   | Screw, Cap                                               | 37  | 0502-580 |     | 1   | ●● Lever Pin - Kit                                                      |
| 20  | 8408-821 |     | 6   | Screw, Cap                                               | 38  | 0502-564 |     | 1   | ● Switch, Brake                                                         |
| 21  | 1502-726 | X   | 1   | Caliper, Brake - Right Front (inc. two No. 20 and 22-28) | 39  | 1502-115 |     | 2   | Clip, Brake Hose                                                        |
|     | 1502-727 | X   | 1   | Caliper, Brake - Left Front (inc. two No. 20 and 22-28)  | 40  | 0123-788 |     | AR  | Tie, Cable - 8 in.                                                      |
|     | 1502-727 | X   | 1   | Caliper, Brake - Rear (inc. two No. 20 and 22-28)        |     |          |     |     |                                                                         |



## PARKING BRAKE ASSEMBLY

0743-214

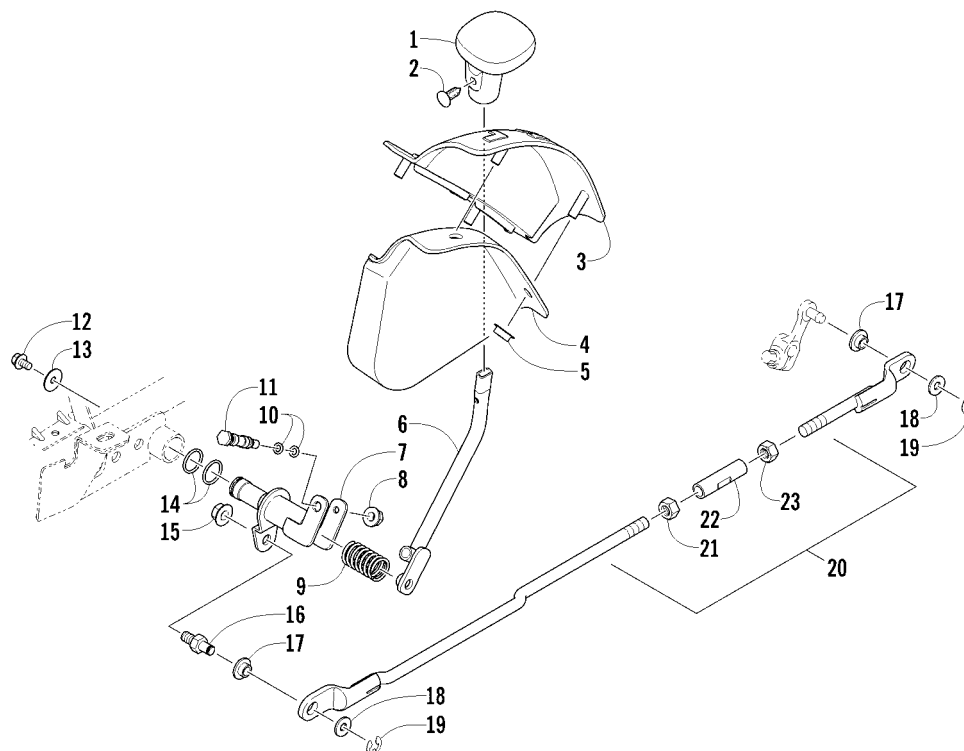
| Ref | Part No. | New Qty | Description                                | Ref | Part No. | New Qty | Description               |
|-----|----------|---------|--------------------------------------------|-----|----------|---------|---------------------------|
| 1   | 1502-278 | 1       | Lever, Parking Brake - Assembly (inc. 2-6) | 6   | 0487-055 | 1       | ● Cable, Brake - Rear     |
| 2   | 1502-429 | 1       | ● Lever, Parking Brake - Kit               | 7   | 1502-176 | 1       | Mechanical Brake Assembly |
| 3   | 1502-432 | 1       | ● Clamp, Handlebar - Kit                   | 8   | 1402-602 | 2       | Pad, Brake                |
| 4   | 1502-430 | 1       | ● Adjuster, Thumb Nut - Kit                | 9   | 8408-826 | 2       | Screw, Cap                |
| 5   | 1502-431 | 1       | ● Lock, Parking Brake Lever - Kit          | 10  | 0402-379 | 1       | Wire Form, Cable          |



## GAS TANK ASSEMBLY

0744-624

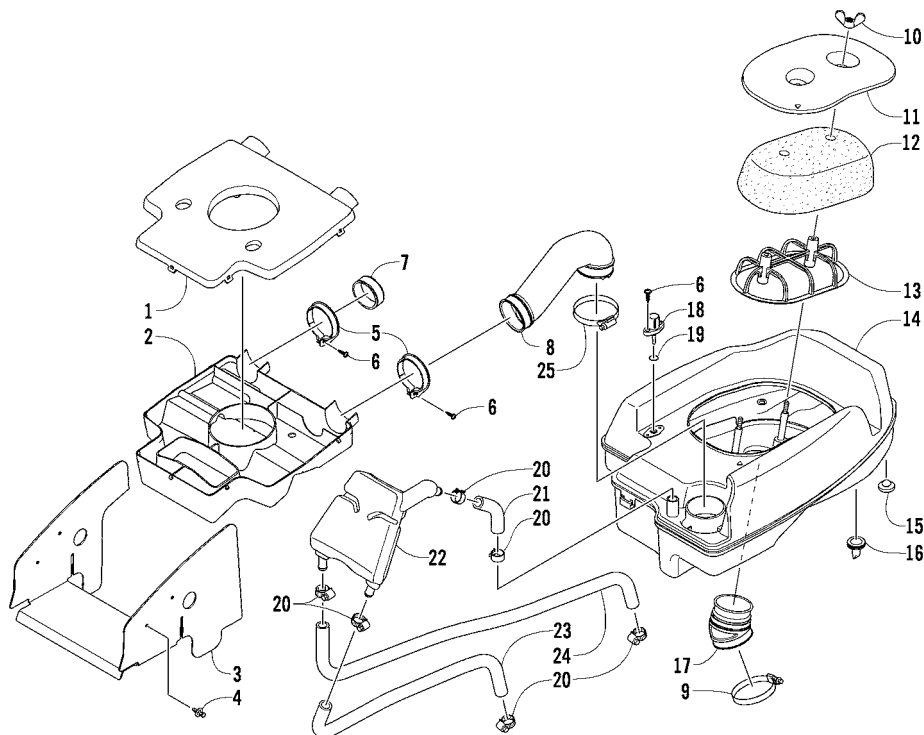
| Ref | Part No. | New | Qty | Description                     | Ref | Part No. | New | Qty | Description                |
|-----|----------|-----|-----|---------------------------------|-----|----------|-----|-----|----------------------------|
| 1   | 0570-308 | X   | 1   | Tank, Gas - Assembly (inc. 2-5) | 10  | 0410-070 | AR  |     | Hose, Gasline - 25 ft      |
| 2   | 0470-438 |     | 1   | ● Cap, Gas Tank (inc. 3)        | 11  | 0510-335 | 1   |     | Filter, In-Line            |
| 3   | 0109-733 |     | 1   | ●● Gasket, Gas Tank Cap         | 12  | 0470-794 | 1   |     | Bracket, Mounting - Filter |
| 4   | 0423-898 | X   | 6   | ● Screw, Self-Tapping           | 13  | 0123-788 | AR  |     | Tie, Cable - 8 in.         |
| 5   | 2670-042 | X   | 1   | ● Plate, Retaining              | 14  | 0423-732 | 2   |     | Screw, Shoulder            |
| 6   | 0570-323 | X   | 1   | Pump, Fuel - Assembly (inc. 7)  | 15  | 0470-822 | 1   |     | Shield, Heat               |
| 7   | 0470-838 | X   | 1   | ● Seal                          | 16  | 0623-797 | 4   |     | Screw, Self-Tapping        |
| 8   | 0570-282 | X   | 1   | Hose, Gasline - Assembly        | 17  | 0423-460 | 2   |     | Grommet                    |
| 9   | 0423-688 |     | 2   | Clamp, Hose                     |     |          |     |     |                            |



## SHIFT LEVER ASSEMBLY

0745-046

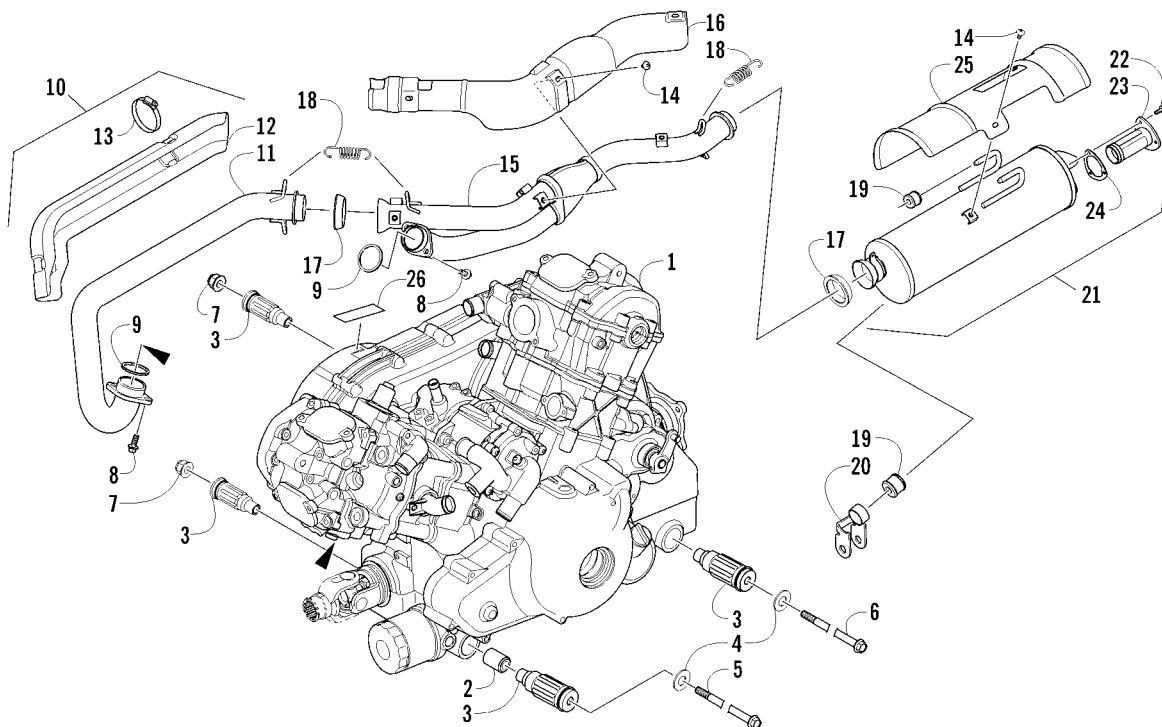
| Ref | Part No. | New Qty | Description           | Ref | Part No. | New Qty | Description                            |
|-----|----------|---------|-----------------------|-----|----------|---------|----------------------------------------|
| 1   | 0402-843 | 1       | Knob, Shift           | 13  | 0423-087 | 1       | Washer                                 |
| 2   | 0423-345 | 1       | Clip, Retaining       | 14  | 0423-299 | 2       | O-Ring                                 |
| 3   | 1402-576 | 1       | Plate, Shift          | 15  | 8424-802 | 1       | Nut                                    |
| 4   | 2406-345 | 1       | Shield, Shift Plate   | 16  | 1402-621 | 1       | Pin, Mounting - Shift Linkage          |
| 5   | 0423-357 | 4       | Nut, Stamped          | 17  | 0423-091 | 2       | Bushing                                |
| 6   | 0502-659 | 1       | Lever, Shift          | 18  | 0623-094 | 2       | Washer                                 |
| 7   | 1502-332 | 1       | Actuator, Shift Lever | 19  | 0423-169 | 2       | E-Ring                                 |
| 8   | 8424-602 | 1       | Nut                   | 20  | 1502-227 | 1       | Linkage, Shift - Assembly (inc. 21-23) |
| 9   | 0402-678 | 1       | Spring, Shift Lever   | 21  | 0623-294 | 1       | ● Nut, Hex - Right-Hand Thread         |
| 10  | 0423-182 | 2       | O-Ring                | 22  | 1402-619 | 1       | ● Coupler                              |
| 11  | 0402-675 | 1       | Axle, Pivot           | 23  | 0123-917 | 1       | ● Nut, Hex - Left-Hand Thread          |
| 12  | 8408-812 | 1       | Screw, Cap            |     |          |         |                                        |



## AIR INTAKE ASSEMBLY

0744-449

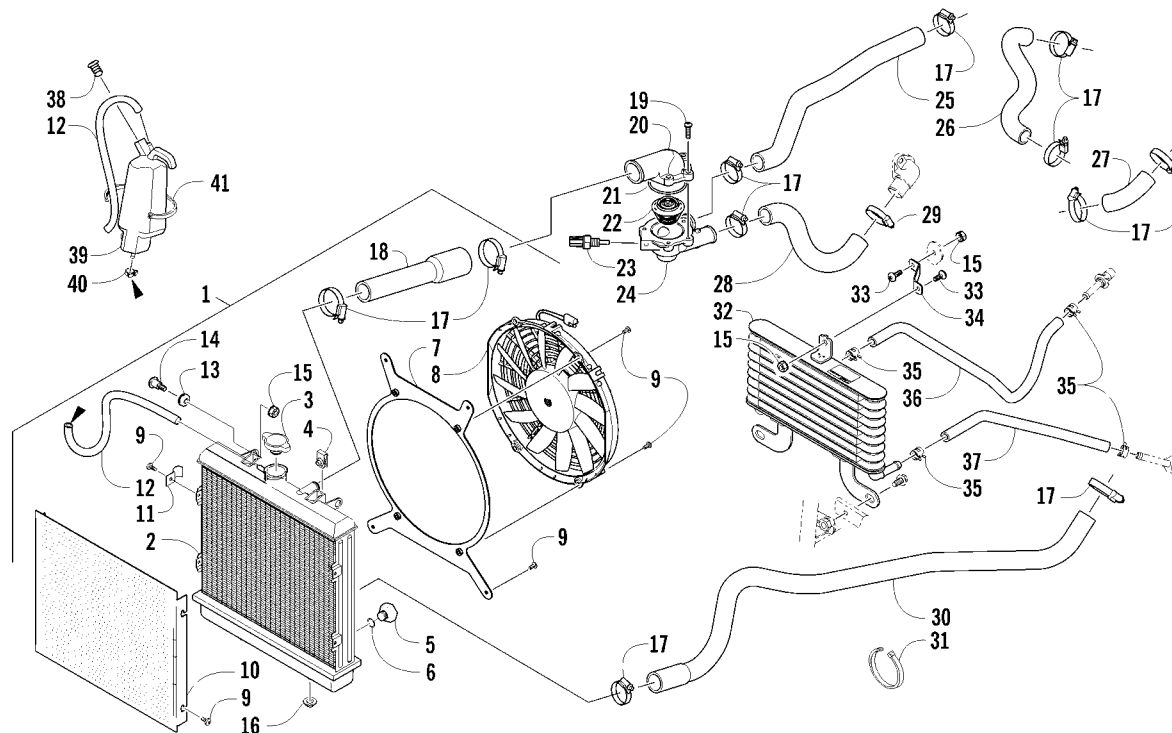
| Ref | Part No. | New | Qty | Description                | Ref | Part No. | New | Qty | Description                       |
|-----|----------|-----|-----|----------------------------|-----|----------|-----|-----|-----------------------------------|
| 1   | 0413-091 |     | 1   | Diverter, Air - Top        | 14  | 0570-221 |     | 1   | Housing, Air Intake               |
| 2   | 0413-093 |     | 1   | Diverter, Air - Bottom     | 15  | 0406-877 |     | 4   | Bumper                            |
| 3   | 2406-509 |     | 1   | Shroud, Splash             | 16  | 0470-442 |     | 2   | Valve, Drain                      |
| 4   | 0623-362 |     | 2   | Rivet, Reinstallable       | 17  | 0470-638 |     | 1   | Boot, Throttle Body               |
| 5   | 0423-551 |     | 2   | Clamp                      | 18  | 0430-055 |     | 1   | Sensor, Air Temperature (inc. 19) |
| 6   | 0423-342 |     | 4   | Screw, Self-Tapping        | 19  | 5507-224 |     | 1   | ● O-Ring                          |
| 7   | 0413-096 |     | 1   | Cap, Air Intake - Diverter | 20  | 0623-028 |     | 6   | Clamp, Hose                       |
| 8   | 0470-583 |     | 1   | Boot, Air Intake           | 21  | 0410-198 | X   | 1   | Hose, Separator Tank              |
| 9   | 0423-019 |     | 2   | Clamp                      | 22  | 0470-718 |     | 1   | Tank, Separator                   |
| 10  | 0423-716 |     | 2   | Wing Nut                   | 23  | 0410-196 | X   | 1   | Hose, Crankcase                   |
| 11  | 0470-832 |     | 1   | Cover, Air Intake          | 24  | 0410-208 | X   | 1   | Hose, Crankcase                   |
| 12  | 0470-828 |     | 1   | Filter, Air                | 25  | 0423-066 |     | 1   | Clamp                             |
| 13  | 0470-731 |     | 1   | Support, Air Filter        |     |          |     |     |                                   |



## ENGINE AND EXHAUST

0744-086

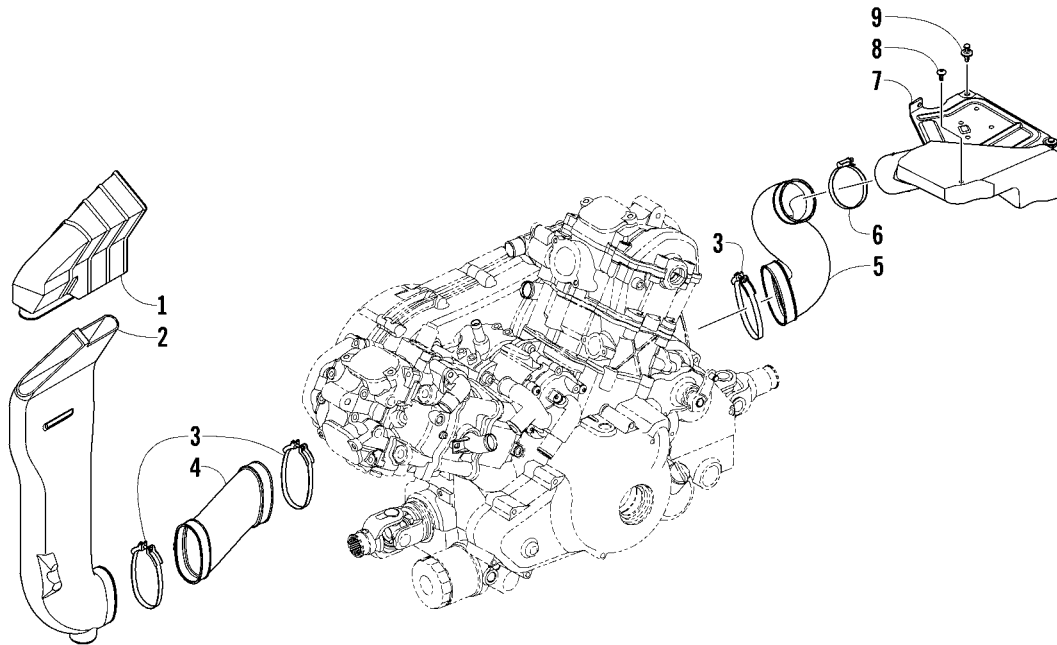
| Ref | Part No. | New | Qty | Description                           | Ref | Part No. | New | Qty | Description                     |
|-----|----------|-----|-----|---------------------------------------|-----|----------|-----|-----|---------------------------------|
| 1   | 0800-111 | X   | 1   | Engine, A950K (inc. 2-3)              | 14  | 8477-610 |     | 8   | Screw, Machine                  |
| 2   | 0801-128 |     | 1   | ● Spacer, Engine Mount                | 15  | 0512-453 |     | 1   | Pipe, Exhaust - Rear            |
| 3   | 0801-091 |     | 4   | ● Mount, Engine                       | 16  | 0412-484 |     | 1   | Shield, Exhaust Pipe - Rear     |
| 4   | 0423-426 |     | 2   | Washer                                | 17  | 0412-375 |     | 2   | Seal, Exhaust Pipe              |
| 5   | 0423-734 |     | 1   | Screw, Cap                            | 18  | 0612-668 |     | 4   | Spring, Extension               |
| 6   | 0423-451 |     | 1   | Screw, Cap                            | 19  | 0412-215 |     | 3   | Bushing                         |
| 7   | 8428-002 |     | 2   | Nut, Lock                             | 20  | 1506-732 |     | 1   | Channel, Muffler Support        |
| 8   | 8408-820 |     | 4   | Screw, Cap                            | 21  | 0512-355 |     | 1   | Muffler - Assembly (inc. 22-24) |
| 9   | 0412-338 |     | 2   | Gasket, Exhaust Pipe                  | 22  | 8408-616 |     | 3   | ● Screw, Cap                    |
| 10  | 0512-433 |     | 1   | Pipe, Exhaust - Assembly (inc. 11-13) | 23  | 0512-219 |     | 1   | ● Arrestor, Spark - Assembly    |
| 11  | 0512-349 |     | 1   | ● Pipe, Exhaust                       | 24  | 0412-313 |     | 1   | ● Gasket, Spark Arrestor        |
| 12  | 0412-400 |     | 1   | ● Shield, Exhaust Pipe                | 25  | 0412-373 |     | 1   | Cover, Muffler                  |
| 13  | 0423-317 |     | 2   | ● Clamp                               | 26  | 0411-426 |     | 1   | Decal, Warning - Clutch Cover   |



## COOLING ASSEMBLY

0745-017

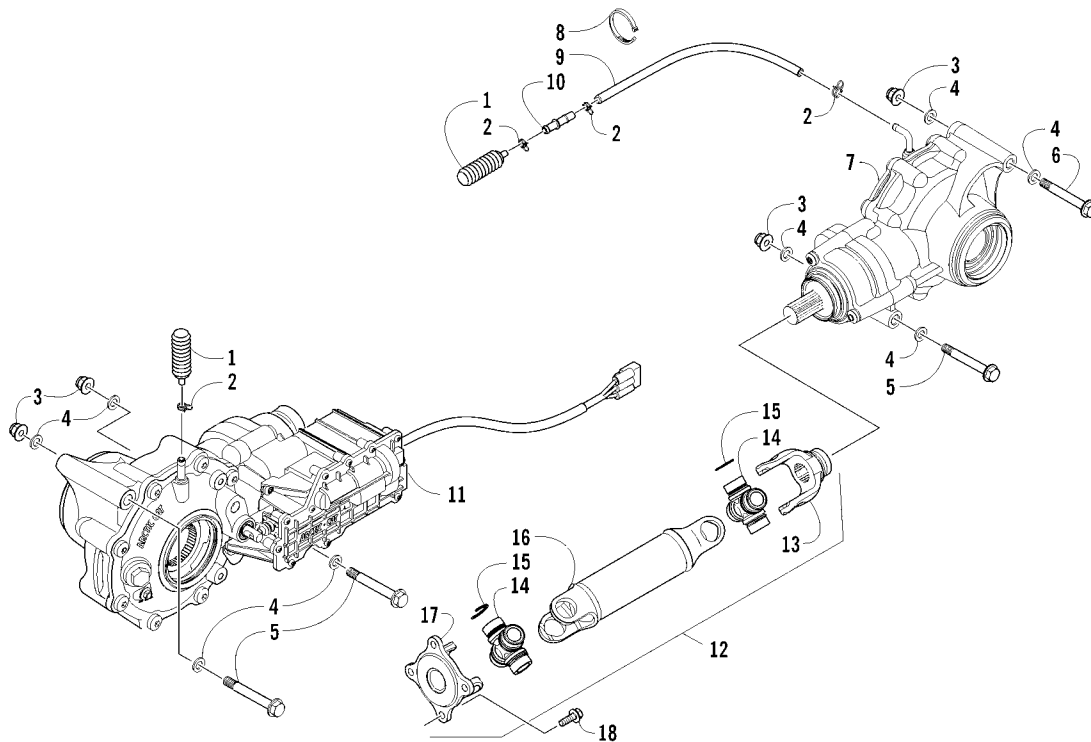
| Ref | Part No. | New | Qty | Description                                 | Ref | Part No. | New | Qty | Description                            |
|-----|----------|-----|-----|---------------------------------------------|-----|----------|-----|-----|----------------------------------------|
| 1   | 0413-258 | X   | 1   | Radiator Assembly (inc. 2-13)               | 21  | 0830-173 |     | 1   | O-Ring                                 |
| 2   | 0413-216 |     | 1   | ● Radiator                                  | 22  | 0808-093 |     | 1   | Thermostat                             |
| 3   | 0413-255 | X   | 1   | ● Cap, Radiator                             | 23  | 0808-124 |     | 1   | Sensor, Engine Coolant Temperature     |
| 4   | 1623-637 |     | 4   | ● Clip, U-Nut                               | 24  | 0808-189 | X   | 1   | Housing, Thermostat                    |
| 5   | 0413-195 |     | 1   | ● Plug, Drain                               | 25  | 0410-195 | X   | 1   | Hose, Coolant - No. 2                  |
| 6   | 1602-213 |     | 1   | ● O-Ring                                    | 26  | 0410-116 |     | 1   | Hose, Coolant                          |
| 7   | 0413-217 |     | 1   | ● Bracket, Mounting - Fan                   | 27  | 0410-115 |     | 1   | Hose, Coolant - Crossover              |
| 8   | 0413-123 |     | 1   | ● Fan, Cooling                              | 28  | 0410-117 |     | 1   | Hose, Coolant - No. 1                  |
| 9   | 8470-510 |     | 12  | ● Screw, Machine                            | 29  | 1623-093 |     | 1   | Clamp, Hose                            |
| 10  | 0413-214 |     | 1   | ● Screen, Radiator                          | 30  | 0410-119 |     | 1   | Hose, Coolant - Lower                  |
| 11  | 0423-351 |     | 1   | ● Clamp, Wire                               | 31  | 0623-751 | AR  |     | Tie, Cable - 11.5 in.                  |
| 12  | 0610-011 | AR  |     | ● Hose - 25 ft                              | 32  | 0413-211 |     | 1   | Cooler, Oil                            |
| 13  | 0423-030 |     | 2   | ● Grommet                                   | 33  | 8476-612 |     | 2   | Screw, Machine                         |
| 14  | 0423-484 |     | 2   | Screw, Shoulder                             | 34  | 0513-022 |     | 1   | Bracket, Mounting - Oil Cooler - Upper |
| 15  | 0623-038 |     | 4   | Nut w/Washer                                | 35  | 0423-632 |     | 4   | Clamp, Hose                            |
| 16  | 0423-028 |     | 2   | Bushing, Stem                               | 36  | 0410-149 |     | 1   | Hose, Oil Cooler - In                  |
| 17  | 0423-496 |     | 11  | Clamp, Hose                                 | 37  | 0410-219 | X   | 1   | Hose, Oil Cooler - Out                 |
| 18  | 0410-120 |     | 1   | Hose, Coolant - Radiator/Thermostat - Upper | 38  | 0413-087 |     | 1   | Plug                                   |
| 19  | 8470-520 |     | 4   | Screw, Machine                              | 39  | 0413-086 |     | 1   | Bottle, Overflow                       |
| 20  | 0808-092 |     | 1   | Cover, Thermostat                           | 40  | 0124-045 |     | 1   | Clamp, Hose                            |
|     |          |     |     |                                             | 41  | 0623-316 | AR  |     | Tie, Cable - 14 in.                    |



## CASE/BELT COOLING ASSEMBLY

0744-451

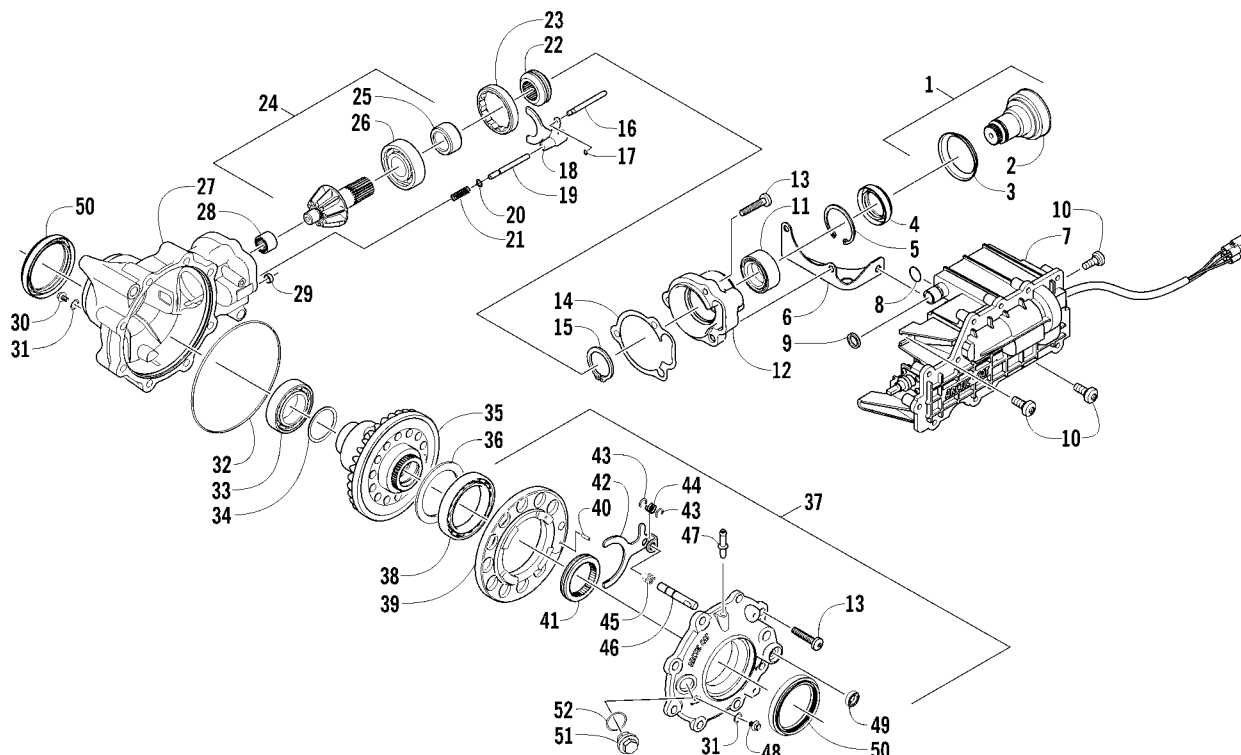
| Ref | Part No. | New Qty | Description             | Ref | Part No. | New Qty | Description             |
|-----|----------|---------|-------------------------|-----|----------|---------|-------------------------|
| 1   | 0413-137 | 1       | Shroud, Air - Air In    | 6   | 0423-019 | 1       | Clamp                   |
| 2   | 0413-138 | 1       | Duct, Cooling - Air In  | 7   | 0413-207 | 1       | Duct, Cooling - Air Out |
| 3   | 0423-730 | 3       | Clamp                   | 8   | 0623-797 | 1       | Screw, Self-Tapping     |
| 4   | 0413-139 | 1       | Boot, Cooling - Air In  | 9   | 0623-362 | 2       | Rivet, Reinstallable    |
| 5   | 0413-135 | 1       | Boot, Cooling - Air Out |     |          |         |                         |



## DRIVE TRAIN ASSEMBLY

0744-087

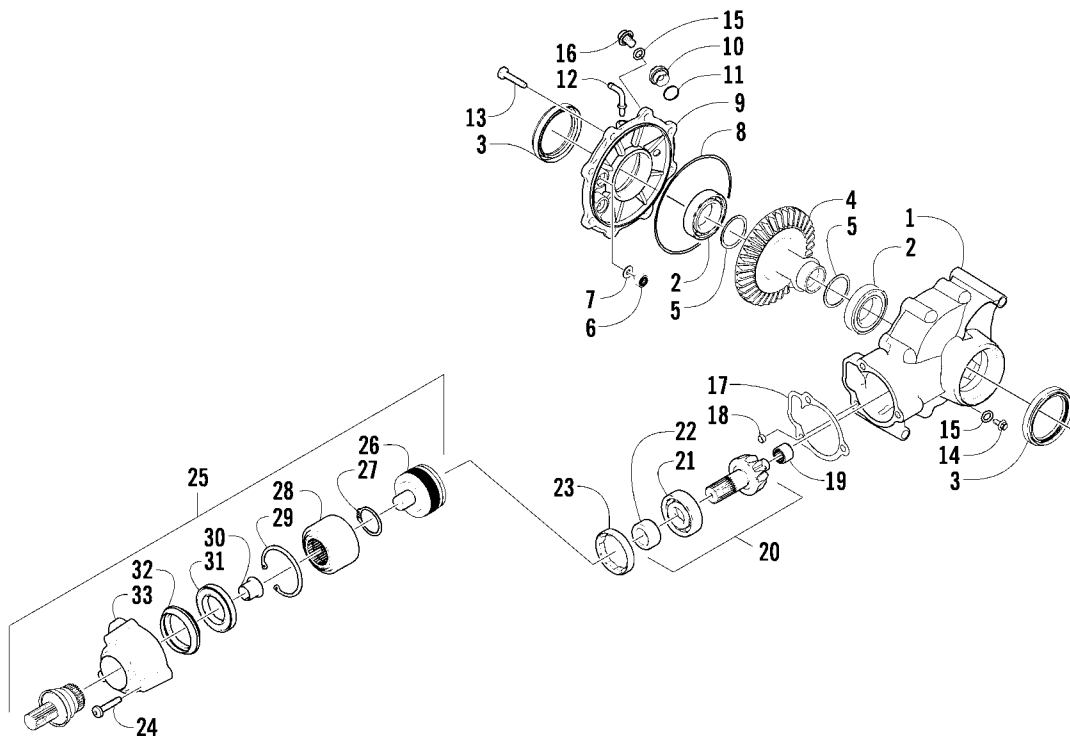
| Ref | Part No. | New | Qty | Description        | Ref | Part No. | New | Qty | Description                              |
|-----|----------|-----|-----|--------------------|-----|----------|-----|-----|------------------------------------------|
| 1   | 1402-620 |     | 2   | Bladder, Gearcase  | 10  | 0470-702 |     | 1   | Fitting, Vent                            |
| 2   | 0423-315 |     | 4   | Clamp, Hose        | 11  | 1502-395 |     | 1   | Gearcase, Front                          |
| 3   | 8428-002 |     | 4   | Nut, Lock          | 12  | 1502-338 |     | 1   | Driveshaft, Rear - Assembly (inc. 13-17) |
| 4   | 0423-426 |     | 8   | Washer             | 13  | 1402-567 |     | 1   | ● Yoke, Slip                             |
| 5   | 0423-404 |     | 3   | Screw, Cap         | 14  | 0402-944 |     | 2   | ● Joint, Universal (inc. four No. 15)    |
| 6   | 0423-830 |     | 1   | Screw, Cap         | 15  | 0423-395 |     | 8   | ●● Ring, Retaining                       |
| 7   | 1502-403 |     | 1   | Gearcase, Rear     | 16  | 1502-337 |     | 1   | ● Driveshaft, Rear                       |
| 8   | 0123-788 | AR  |     | Tie, Cable - 8 in. | 17  | 1402-689 |     | 1   | ● Yoke, Flange                           |
| 9   | 0410-070 | AR  |     | Hose, Vent - 25 ft | 18  | 8408-820 |     | 4   | Screw, Cap                               |



## FRONT DRIVE GEARCASE ASSEMBLY

0745-625

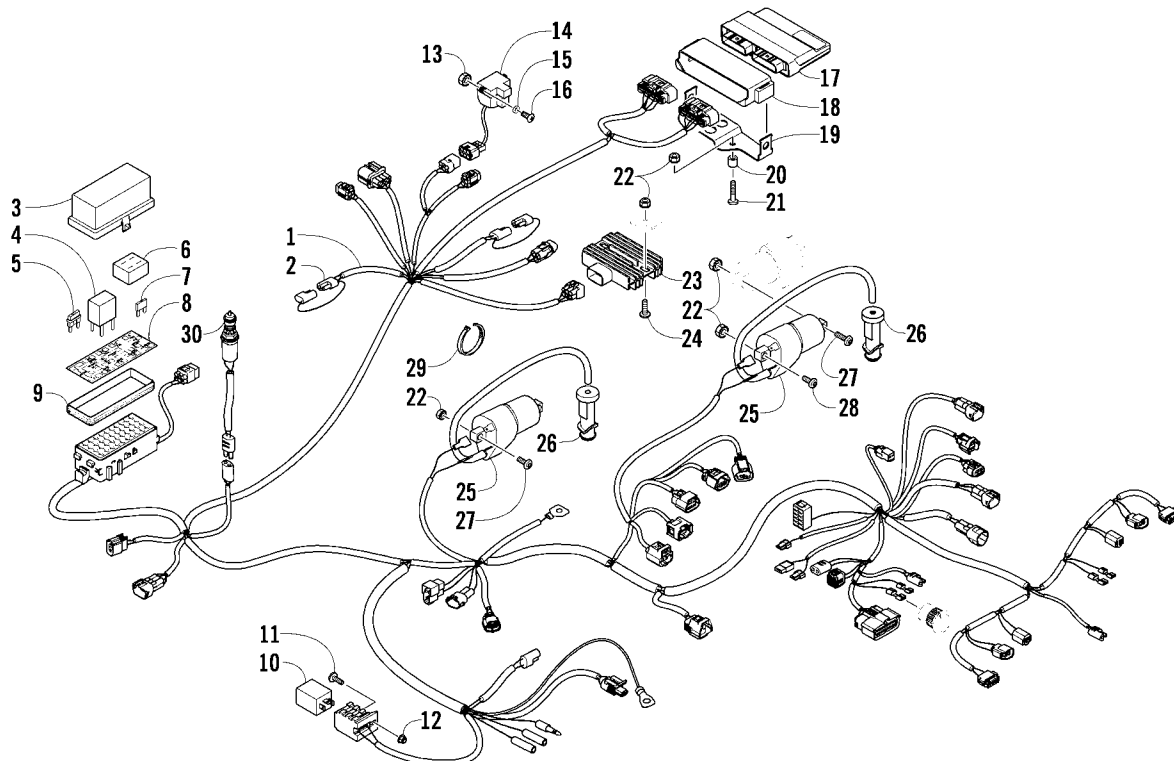
| Ref | Part No. | New | Qty | Description                                | Ref | Part No. | New | Qty | Description                                              |
|-----|----------|-----|-----|--------------------------------------------|-----|----------|-----|-----|----------------------------------------------------------|
| -   | 1502-395 |     | 1   | Complete Front Drive Gearcase Assembly     | 30  | 1402-210 |     | 1   | Plug, Magnetic (inc. one No. 31)                         |
| 1   | 0502-923 |     | 1   | Shaft, Propeller - Assembly (inc. 2-3)     | 31  | 0423-153 |     | 2   | ● O-Ring                                                 |
| 2   | 1402-438 |     | 1   | ● Shaft, Input                             | 32  | 0423-149 |     | 1   | O-Ring                                                   |
| 3   | 1402-168 |     | 1   | ● Deflector                                | 33  | 0402-393 |     | 1   | Bearing                                                  |
| 4   | 1402-011 |     | 1   | Seal                                       | 34  | 0402-405 |     | AR  | Shim, 41 x 49 x 1.3 mm                                   |
| 5   | 0423-423 |     | 1   | Ring, Retaining                            |     | 0402-406 |     | AR  | Shim, 41 x 49 x 1.4 mm                                   |
| 6   | 1502-237 |     | 1   | Bracket, Actuator                          |     | 0402-407 |     | AR  | Shim, 41 x 49 x 1.5 mm                                   |
| 7   | 0502-585 |     | 1   | Actuator (inc. 8)                          |     | 0402-408 |     | AR  | Shim, 41 x 49 x 1.6 mm                                   |
| 8   | 1402-981 | X   | 1   | ● O-Ring                                   |     | 0402-409 |     | AR  | Shim, 41 x 49 x 1.7 mm                                   |
| 9   | 0423-892 |     | 1   | O-Ring                                     | 35  | 1502-554 |     | 1   | Gear, Ring - 34T                                         |
| 10  | 0423-396 |     | 3   | Screw, Self-Tapping                        | 36  | 1402-074 |     | AR  | Shim, 61 x 69 x 1.3 mm                                   |
| 11  | 1402-043 |     | 1   | Bearing                                    |     | 1402-075 |     | AR  | Shim, 61 x 69 x 1.4 mm                                   |
| 12  | 0502-528 |     | 1   | Housing, Pinion                            |     | 1402-076 |     | AR  | Shim, 61 x 69 x 1.5 mm                                   |
| 13  | 0423-118 |     | 11  | Screw, Self-Tapping                        |     | 1402-077 |     | AR  | Shim, 61 x 69 x 1.6 mm                                   |
| 14  | 0402-947 |     | 1   | Gasket                                     |     | 1402-078 |     | AR  | Shim, 61 x 69 x 1.7 mm                                   |
| 15  | 0423-417 |     | 1   | Ring, Retaining                            | 37  | 1502-389 |     | 1   | Cover, Gearcase (inc. one No. 31, 38-49, and one No. 50) |
| 16  | 0402-997 |     | 1   | Shaft, Selector                            | 38  | 1402-053 |     | 1   | ● Bearing                                                |
| 17  | 0423-402 |     | 1   | Ring, Retaining                            | 39  | 0502-413 |     | 1   | ● Flange, Bearing                                        |
| 18  | 0402-998 |     | 1   | Fork, Selector                             | 40  | 1402-079 |     | 1   | ● Pin, Alignment                                         |
| 19  | 0402-417 |     | 1   | Shaft, Shuttle                             | 41  | 1402-042 |     | 1   | ● Collar, Sliding                                        |
| 20  | 0423-147 |     | 1   | O-Ring                                     | 42  | 1402-054 |     | 1   | ● Fork                                                   |
| 21  | 0402-999 |     | 1   | Spring, Return                             | 43  | 1402-058 |     | 2   | ● Ring, Retaining                                        |
| 22  | 0402-413 |     | 1   | Coupler, Drive                             | 44  | 1402-057 |     | 1   | ● Spring                                                 |
| 23  | 0402-357 |     | 1   | Collar, Lock                               | 45  | 1402-063 |     | 1   | ● Spring                                                 |
| 24  | 0502-784 |     | 1   | Gear, Pinion - Assembly - 11T (inc. 25-26) | 46  | 1402-656 |     | 1   | ● Shaft, Lock                                            |
| 25  | 0402-336 |     | 1   | ● Collar, Retaining                        | 47  | 1402-104 |     | 1   | ● Fitting                                                |
| 26  | 0402-327 |     | 1   | ● Bearing                                  | 48  | 1402-211 |     | 1   | ● Plug, Oil Level (inc. one No. 31)                      |
| 27  | 0502-514 |     | 1   | Housing, Gearcase                          | 49  | 1402-056 |     | 1   | ● Seal                                                   |
| 28  | 0402-328 |     | 1   | Bearing                                    | 50  | 1402-713 |     | 2   | ● Seal                                                   |
| 29  | 0402-411 |     | 1   | Pin, Dowel                                 | 51  | 0402-333 |     | 1   | Plug, Fill (inc. 52)                                     |
|     |          |     |     |                                            | 52  | 0423-154 |     | 1   | ● O-Ring                                                 |



## REAR DRIVE GEARCASE ASSEMBLY

0742-972

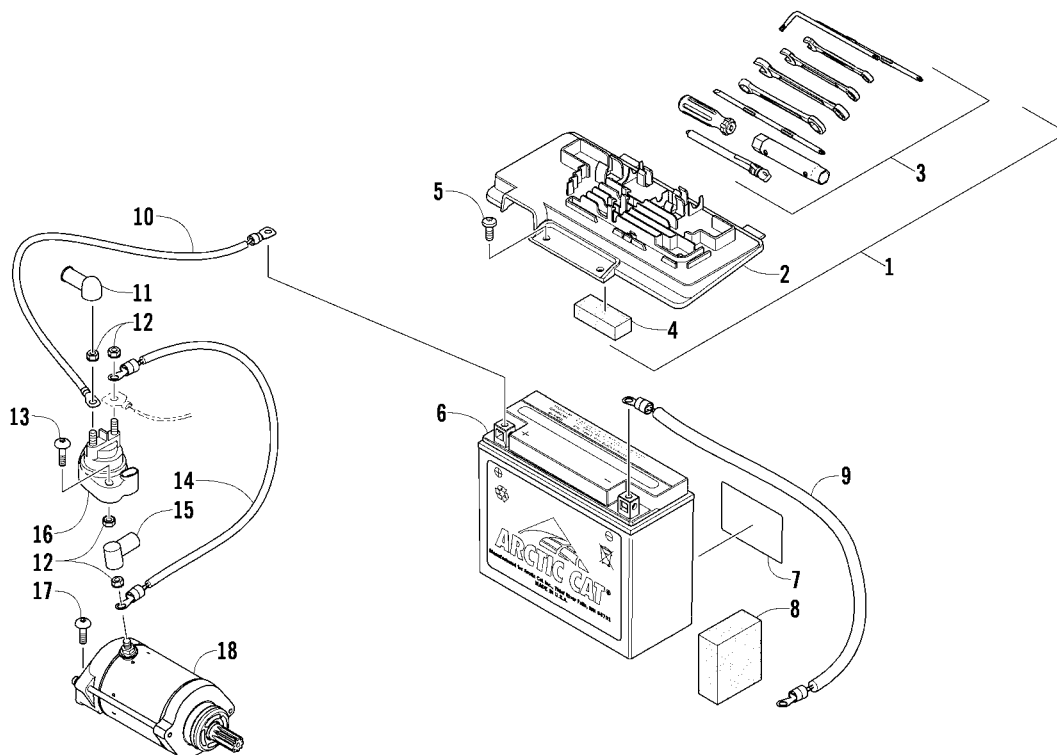
| Ref | Part No. | New | Qty | Description                           | Ref | Part No. | New | Qty | Description                                |
|-----|----------|-----|-----|---------------------------------------|-----|----------|-----|-----|--------------------------------------------|
| -   | 1502-403 |     | 1   | Complete Rear Drive Gearcase Assembly | 13  | 0423-118 |     | 8   | Screw, Self-Tapping                        |
| 1   | 1502-317 |     | 1   | Housing, Gearcase                     | 14  | 0402-450 |     | 1   | Plug, Magnetic (inc. one No. 15)           |
| 2   | 0402-393 |     | 2   | Bearing                               | 15  | 0423-153 |     | 2   | ● O-Ring                                   |
| 3   | 1402-713 |     | 2   | Seal                                  | 16  | 1402-211 |     | 1   | Plug, Oil Level (inc. one No. 15)          |
| 4   | 1402-033 |     | 1   | Gear, Ring - 34T                      | 17  | 0402-947 |     | 1   | Gasket                                     |
| 5   | 0402-405 |     | AR  | Shim                                  | 18  | 0402-411 |     | 1   | Pin, Dowel                                 |
|     | 0402-406 |     | AR  | Shim                                  | 19  | 0402-328 |     | 1   | Bearing                                    |
|     | 0402-407 |     | AR  | Shim                                  | 20  | 0502-784 |     | 1   | Gear, Pinion - Assembly - 11T (inc. 21-22) |
|     | 0402-408 |     | AR  | Shim                                  | 21  | 0402-327 |     | 1   | ● Bearing                                  |
|     | 0402-409 |     | AR  | Shim                                  | 22  | 0402-336 |     | 1   | ● Collar, Retaining                        |
| 6   | 0402-326 |     | 1   | Button, Thrust                        | 23  | 0402-331 |     | 1   | Collar, Lock                               |
| 7   | 0402-429 |     | AR  | Shim                                  | 24  | 0423-834 |     | 3   | Screw, Self-Tapping                        |
|     | 0402-430 |     | AR  | Shim                                  | 25  | 1502-284 |     | 1   | Shaft, Input (inc. 26-33)                  |
|     | 0402-431 |     | AR  | Shim                                  | 26  | 1502-287 |     | 1   | ● Cartridge, Clutch - Assembly             |
|     | 0402-432 |     | AR  | Shim                                  | 27  | 0423-799 |     | 1   | ● Ring, Retaining - External               |
|     | 0402-433 |     | AR  | Shim                                  | 28  | 1402-682 |     | 1   | ● Basket, Clutch                           |
| 8   | 0423-149 |     | 1   | O-Ring                                | 29  | 0423-798 |     | 1   | ● Ring, Retaining - Internal               |
| 9   | 1502-082 |     | 1   | Cover, Gearcase                       | 30  | 1402-678 |     | 1   | ● Bearing, Flange                          |
| 10  | 0402-333 |     | 1   | Plug, Fill (inc. 11)                  | 31  | 1402-677 |     | 1   | ● Bearing                                  |
| 11  | 0423-154 |     | 1   | ● O-Ring                              | 32  | 1402-687 |     | 1   | ● Seal                                     |
| 12  | 1402-102 |     | 1   | Fitting                               | 33  | 1502-285 |     | 1   | ● Housing, Input                           |



## WIRING HARNESS ASSEMBLY

0745-030

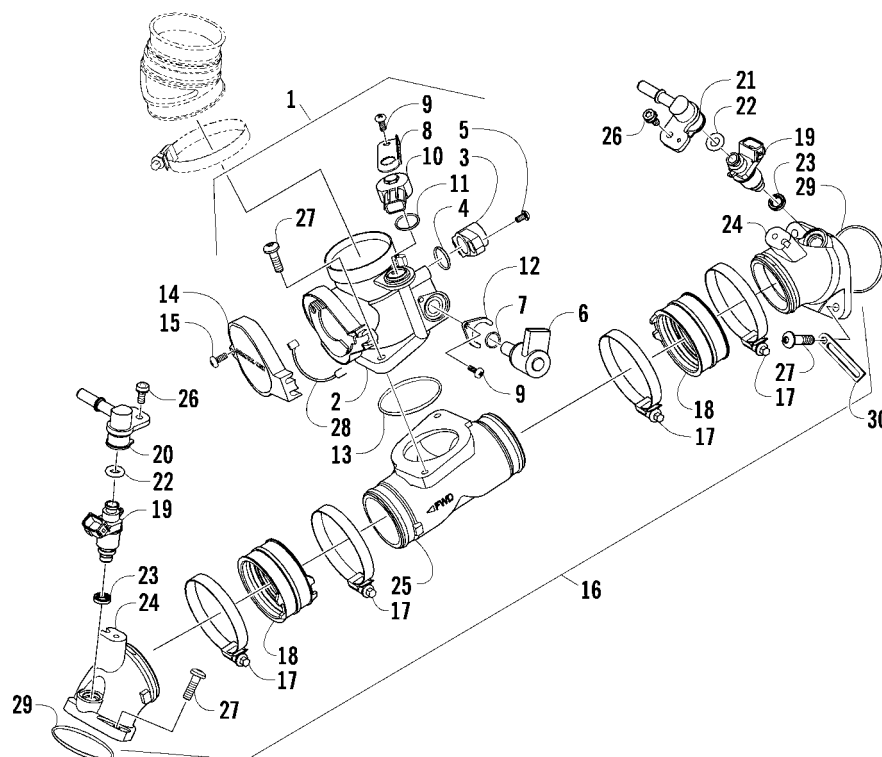
| Ref | Part No. | New | Qty | Description                   | Ref | Part No. | New | Qty | Description               |
|-----|----------|-----|-----|-------------------------------|-----|----------|-----|-----|---------------------------|
| 1   | 0486-355 | X   | 1   | Harness, Main (inc. 2-9)      | 16  | 8468-425 |     | 2   | Screw, Machine            |
| 2   | 0486-164 |     | 1   | ● Tether, Accessory Connector | 17  | 0530-034 | X   | 1   | ECU                       |
| 3   | 0430-085 | X   | 1   | ● Cover, Fuse Block           | 18  | 0430-059 |     | 1   | Cushion, ECU              |
| 4   | 0430-045 |     | 5   | ● Relay (4-Pin) - 20 Amp      | 19  | 2406-728 |     | 1   | Bracket, Mounting - ECU   |
| 5   | 0430-034 |     | 1   | ● Diode                       | 20  | 0423-036 |     | 2   | Spacer                    |
| 6   | 0430-037 |     | 1   | ● Holder, Fuse                | 21  | 8476-635 |     | 2   | Screw, Machine            |
| 7   | 0430-032 |     | 6   | ● Fuse - 10 Amp               | 22  | 0623-038 |     | 7   | Nut w/Washer              |
|     | 0430-031 |     | 4   | ● Fuse - 15 Amp               | 23  | 0824-037 |     | 1   | Regulator, Voltage        |
|     | 0430-030 |     | 2   | ● Fuse - 30 Amp               | 24  | 8476-625 |     | 2   | Screw, Machine            |
| 8   | 2411-081 | X   | 1   | ● Decal, Fuse Block           | 25  | 0824-043 |     | 2   | Coil, Ignition - Assembly |
| 9   | 0430-086 | X   | 1   | ● Seal                        | 26  | 0824-049 |     | 2   | Cap, Spark Plug           |
| 10  | 0430-049 |     | 1   | Control, Turn Signal          | 27  | 8476-620 |     | 2   | Screw, Machine            |
| 11  | 8476-516 |     | 1   | Screw, Machine                | 28  | 8476-630 |     | 1   | Screw, Machine            |
| 12  | 8427-502 |     | 1   | Nut, Lock                     | 29  | 0123-788 | AR  |     | Tie, Cable - 8 in.        |
| 13  | 0423-493 |     | 2   | Nut w/Washer                  |     | 0123-903 | AR  |     | Tie, Cable - 11.5 in.     |
| 14  | 0409-064 |     | 1   | Switch, Tilt Sensor           | 30  | 0409-089 |     | 1   | Switch, Brake - Assembly  |
| 15  | 0123-802 |     | 2   | Washer                        |     |          |     |     |                           |



## BATTERY AND STARTER ASSEMBLY

0744-454

| Ref | Part No. | New | Qty | Description                                    | Ref | Part No. | New | Qty | Description                       |
|-----|----------|-----|-----|------------------------------------------------|-----|----------|-----|-----|-----------------------------------|
| 1   | 5991-655 |     | 1   | Battery Cover/Tool Tray Assembly<br>(inc. 2-4) | 10  | 0445-062 |     | 1   | Cable, Battery/Solenoid           |
| 2   | 2406-815 |     | 1   | ● Cover, Battery                               | 11  | 0645-327 |     | 1   | Boot, Terminal                    |
| 3   | 0444-122 |     | 1   | ● Kit, Tool                                    | 12  | 0623-038 |     | 5   | Nut w/Washer                      |
| 4   | 0417-016 |     | 1   | ● Pad, Battery                                 | 13  | 8476-630 |     | 2   | Screw, Machine                    |
| 5   | 8476-620 |     | 2   | Screw, Machine                                 | 14  | 0445-066 |     | 1   | Cable, Solenoid/Starter (inc. 15) |
| 6   | 0645-480 |     | 1   | Battery Assembly (inc. 7)                      | 15  | 0645-019 |     | 1   | ● Boot, Terminal                  |
| 7   | 0645-430 |     | 1   | ● Decal, Warning                               | 16  | 0445-058 |     | 1   | Solenoid                          |
| 8   | 0417-017 |     | 1   | Foam, Battery                                  | 17  | 8476-625 |     | 2   | Screw, Machine                    |
| 9   | 0445-071 |     | 1   | Cable, Battery/Ground                          | 18  | 0825-015 | X   | 1   | Motor, Starter - Assembly         |

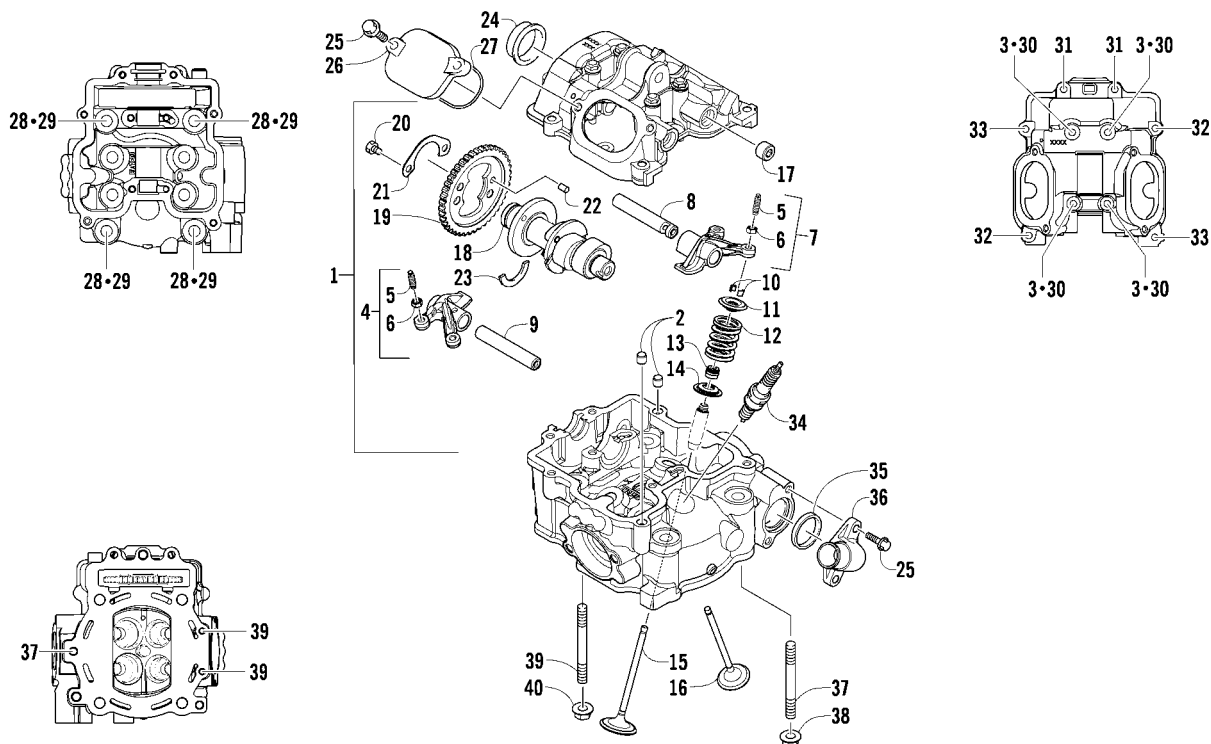


## THROTTLE BODY ASSEMBLY

0742-977

| Ref | Part No. | New | Qty | Description                          | Ref | Part No. | New | Qty | Description                              |
|-----|----------|-----|-----|--------------------------------------|-----|----------|-----|-----|------------------------------------------|
| 1   | 0470-686 | 1   |     | Throttle - Assembly (inc. 2-15)      | 16  | 0570-230 | 1   |     | Manifold, Intake - Assembly (inc. 17-26) |
| 2   | —        | 1   |     | ● Throttle Body - Not a Service Part | 17  | 0423-066 | 4   |     | ● Clamp                                  |
| 3   | 0430-072 | 1   |     | ● Sensor, Throttle Position          | 18  | 0470-660 | 2   |     | ● Boot, Intake - Manifold                |
| 4   | 5507-234 | 1   |     | ● O-Ring, Throttle Position Sensor   | 19  | 0470-688 | 2   |     | ● Injector, Fuel                         |
| 5   | 5507-231 | 1   |     | ● Screw, Machine                     | 20  | 0470-763 | 1   |     | ● Rail, Fuel - Front Cylinder            |
| 6   | 0430-074 | 1   |     | ● Valve, ISC                         | 21  | 0470-764 | 1   |     | ● Rail, Fuel - Rear Cylinder             |
| 7   | 5507-233 | 1   |     | ● O-Ring, ISC Valve                  | 22  | 0470-767 | 2   |     | ● O-Ring, Fuel Injector                  |
| 8   | 5507-227 | 1   |     | ● Bracket, MAP Sensor                | 23  | 0470-768 | 2   |     | ● Ring, Seal - Fuel Injector             |
| 9   | 5507-117 | 2   |     | ● Screw, Machine                     | 24  | 0570-140 | 2   |     | ● Manifold, Intake                       |
| 10  | 0430-073 | 1   |     | ● Sensor, MAP                        | 25  | 0570-156 | 1   |     | ● Plenum, Intake                         |
| 11  | 5507-232 | 1   |     | ● O-Ring, MAP Sensor                 | 26  | 0423-371 | 2   |     | ● Screw, Machine                         |
| 12  | 5507-229 | 1   |     | ● Plate, ISC Valve                   | 27  | 0826-008 | 6   |     | Screw, Machine                           |
| 13  | 5507-235 | 1   |     | ● O-Ring                             | 28  | 0487-046 | 1   |     | Cable, Throttle                          |
| 14  | 5507-223 | 1   |     | ● Cover                              | 29  | 0830-090 | 2   |     | O-Ring                                   |
| 15  | 5507-037 | 1   |     | ● Screw, Machine                     | 30  | 3002-964 | 1   |     | Clamp, Wire                              |

30

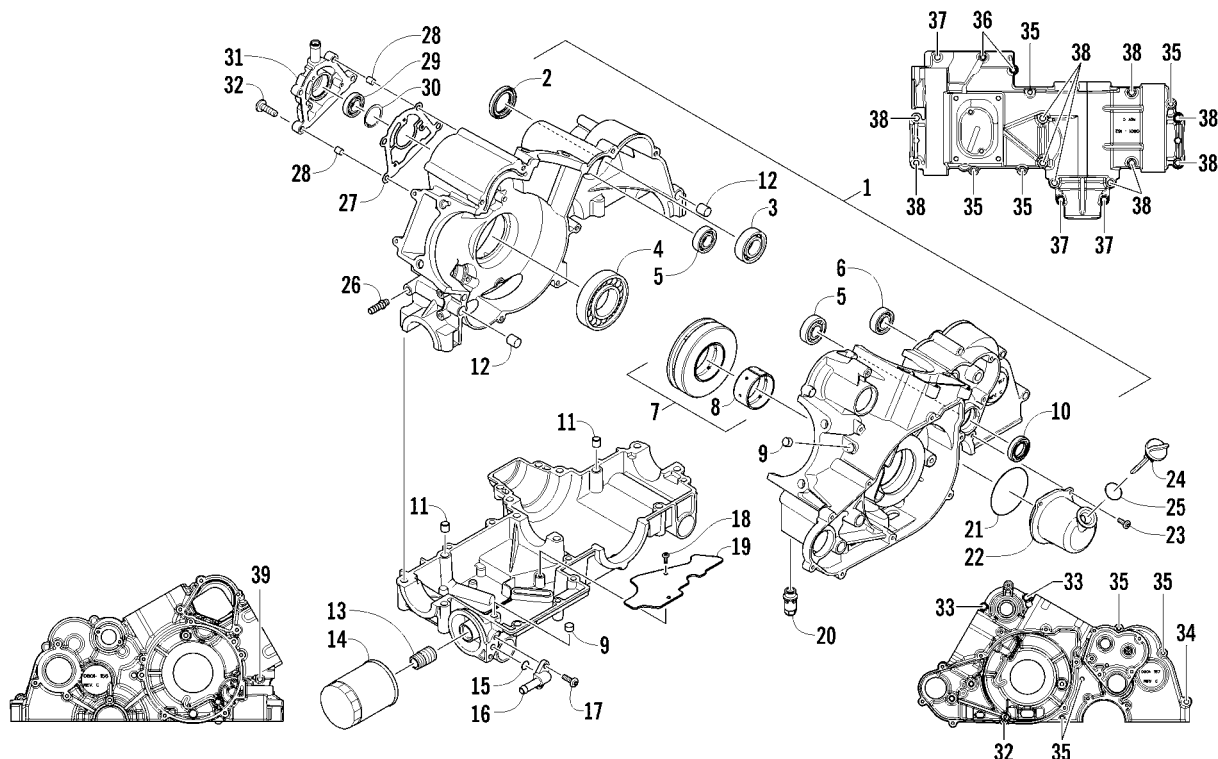


## CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0743-989

| Ref | Part No. | New | Qty | Description                                         | Ref | Part No. | New | Qty | Description         |
|-----|----------|-----|-----|-----------------------------------------------------|-----|----------|-----|-----|---------------------|
| 1   | 0808-135 | 2   |     | Head, Cylinder - Assembly (inc. 2-17)               | 20  | 0826-034 | 4   |     | Screw, Cap          |
| 2   | 0829-001 | 4   |     | ● Pin, Dowel                                        | 21  | 0828-004 | 2   |     | Plate, Retainer     |
| 3   | 0826-001 | 8   |     | ● Screw, Cap                                        | 22  | 0829-008 | 2   |     | Pin, Dowel          |
| 4   | 0809-202 | 2   |     | ● Arm, Valve Rocker - Intake<br>(inc. two No. 5-6)  | 23  | 0809-003 | 2   |     | C-Ring              |
| 5   | 0809-033 | 8   |     | ●● Screw, Adjuster                                  | 24  | 0808-077 | 2   |     | Plug, Cylinder Head |
| 6   | 0827-007 | 8   |     | ●● Nut                                              | 25  | 0826-007 | 12  |     | Screw, Cap          |
| 7   | 0809-205 | 2   |     | ● Arm, Valve Rocker - Exhaust<br>(inc. two No. 5-6) | 26  | 0808-003 | 4   |     | Cap, Inspection     |
| 8   | 0809-008 | 2   |     | ● Shaft, Rocker Arm - Exhaust                       | 27  | 0830-167 | 4   |     | O-Ring              |
| 9   | 0809-007 | 2   |     | ● Shaft, Rocker Arm - Intake                        | 28  | 0808-090 | 8   |     | Screw, Cap          |
| 10  | 0809-014 | 16  |     | ● Cotter, Valve                                     | 29  | 0830-147 | 8   |     | Washer              |
| 11  | 0809-013 | 8   |     | ● Retainer, Spring                                  | 30  | 0830-107 | 8   |     | Gasket              |
| 12  | 0809-138 | 8   |     | ● Spring, Valve                                     | 31  | 0826-002 | 4   |     | Screw, Cap          |
| 13  | 0830-016 | 8   |     | ● Seal, Oil                                         | 32  | 0826-005 | 4   |     | Screw, Cap          |
| 14  | 0809-006 | 8   |     | ● Seat, Spring - Valve                              | 33  | 0826-006 | 4   |     | Screw, Cap          |
| 15  | 0809-040 | 4   |     | ● Valve, Exhaust                                    | 34  | 0217-799 | 2   |     | Spark Plug - CPR8E  |
| 16  | 0809-039 | 4   |     | ● Valve, Intake                                     | 35  | 0830-120 | 2   |     | Seal                |
| 17  | 0831-041 | 4   |     | ● Plug, Shaft                                       | 36  | 0808-008 | 2   |     | Cover, Thermostat   |
| 18  | 0809-246 | 1   |     | Camshaft, Front Cylinder                            | 37  | 0827-062 | X   | 2   | Bolt, Stud          |
| 18  | 0809-248 | 1   |     | Camshaft, Rear Cylinder                             | 38  | 8424-804 | 2   |     | Nut                 |
| 19  | 0809-002 | 2   |     | Sprocket                                            | 39  | 0827-030 | 4   |     | Bolt, Stud          |
|     |          |     |     |                                                     | 40  | 8424-604 | 4   |     | Nut                 |

32

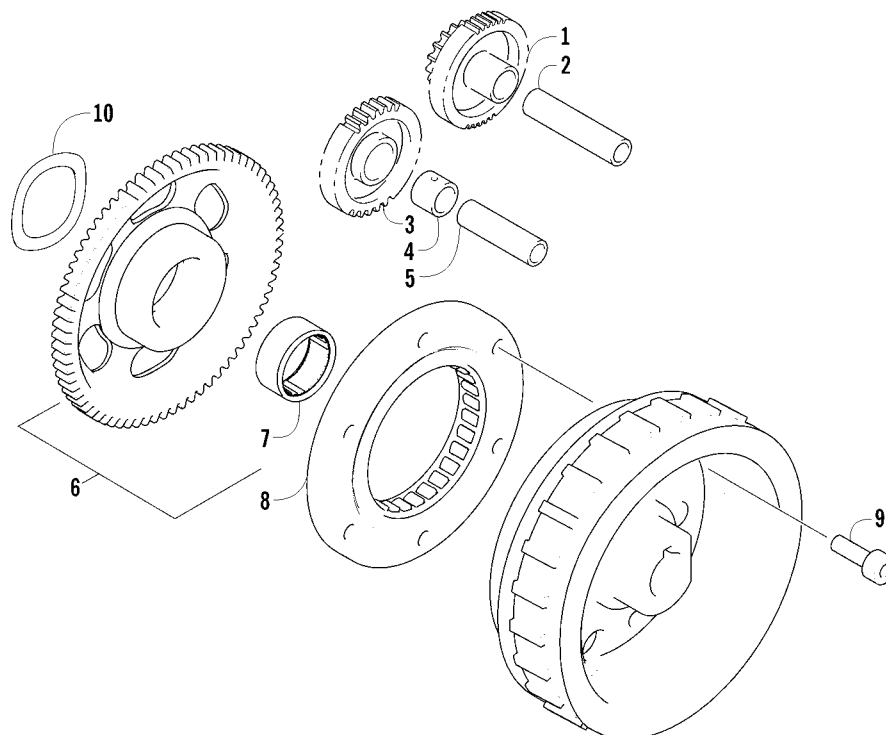


## CRANKCASE ASSEMBLY

0745-051

| Ref | Part No. | New | Qty | Description                      | Ref | Part No. | New | Qty | Description              |
|-----|----------|-----|-----|----------------------------------|-----|----------|-----|-----|--------------------------|
| 1   | 0801-172 | X   | 1   | Crankcase - Assembly (inc. 2-13) | 21  | 0830-162 |     | 1   | O-Ring, Oil Filler Cover |
| 2   | 0830-035 |     | 1   | ● Seal, Driveshaft               | 22  | 0812-081 |     | 1   | Cover, Oil Filler        |
| 3   | 0832-048 |     | 1   | ● Bearing                        | 23  | 8468-616 |     | 3   | Screw, Machine           |
| 4   | 0832-042 |     | 1   | ● Bearing                        | 24  | 0801-179 | X   | 1   | Stick, Oil Level         |
| 5   | 0832-050 |     | 2   | ● Bearing                        | 25  | 0830-010 |     | 1   | O-Ring                   |
| 6   | 0832-049 |     | 1   | ● Bearing                        | 26  | 0812-078 | X   | 1   | Fitting, Oil - Threaded  |
| 7   | 0832-055 |     | 1   | ● Bearing - Assembly (inc. 8)    | 27  | 0830-191 | X   | 1   | Gasket, Breather         |
| 8   | 0832-057 |     | 1   | ● ● Bearing                      | 28  | 0829-001 |     | 2   | Pin, Dowel               |
| 9   | 0801-002 |     | 2   | ● Plug, Engine Case              | 29  | 0832-084 | X   | 1   | Bearing                  |
| 10  | 0822-052 |     | 1   | ● Seal, Countershaft - Right     | 30  | 0831-086 | X   | 1   | Circlip                  |
| 11  | 0829-003 |     | 2   | ● Pin, Dowel                     | 31  | 0801-193 | X   | 1   | Cover, Breather          |
| 12  | 0829-002 |     | 2   | ● Pin, Dowel                     | 32  | 8468-625 |     | 5   | Screw, Machine           |
| 13  | 0812-008 |     | 1   | ● Union, Oil Filter              | 33  | 8468-630 |     | 2   | Screw, Machine           |
| 14  | 0812-029 |     | 1   | Filter, Oil                      | 34  | 8412-875 |     | 1   | Screw, Cap               |
| 15  | 0830-172 | X   | 1   | O-Ring                           | 35  | 8468-660 |     | 8   | Screw, Machine           |
| 16  | 0812-060 |     | 1   | Fitting, Oil                     | 36  | 8468-640 |     | 2   | Screw, Machine           |
| 17  | 8468-620 |     | 2   | Screw, Machine                   | 37  | 8412-830 |     | 3   | Screw, Cap               |
| 18  | 0623-914 |     | 2   | Screw, Self-Tapping              | 38  | 8412-860 |     | 10  | Screw, Cap               |
| 19  | 0812-079 | X   | 1   | Plate, Oil Sump                  | 39  | 8412-850 |     | 1   | Screw, Cap               |
| 20  | 0812-052 |     | 1   | Valve, Oil-Relief - Assembly     |     |          |     |     |                          |

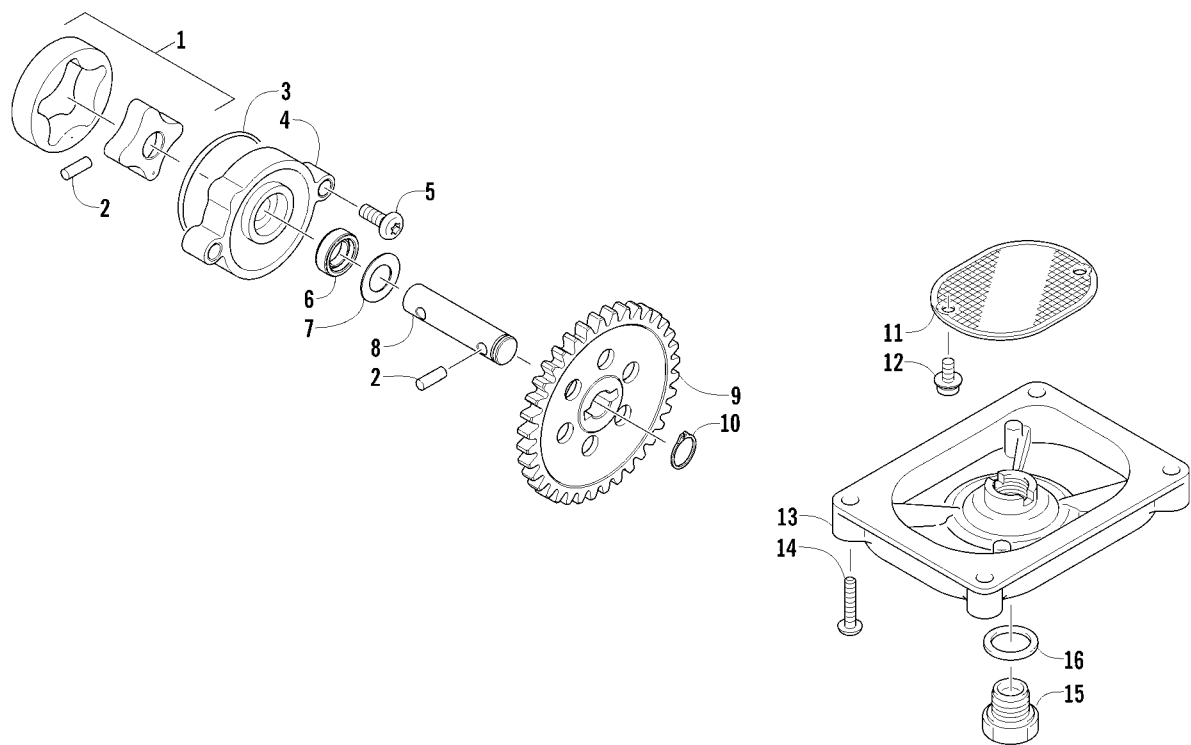
34



## STARTER CLUTCH ASSEMBLY

0745-071

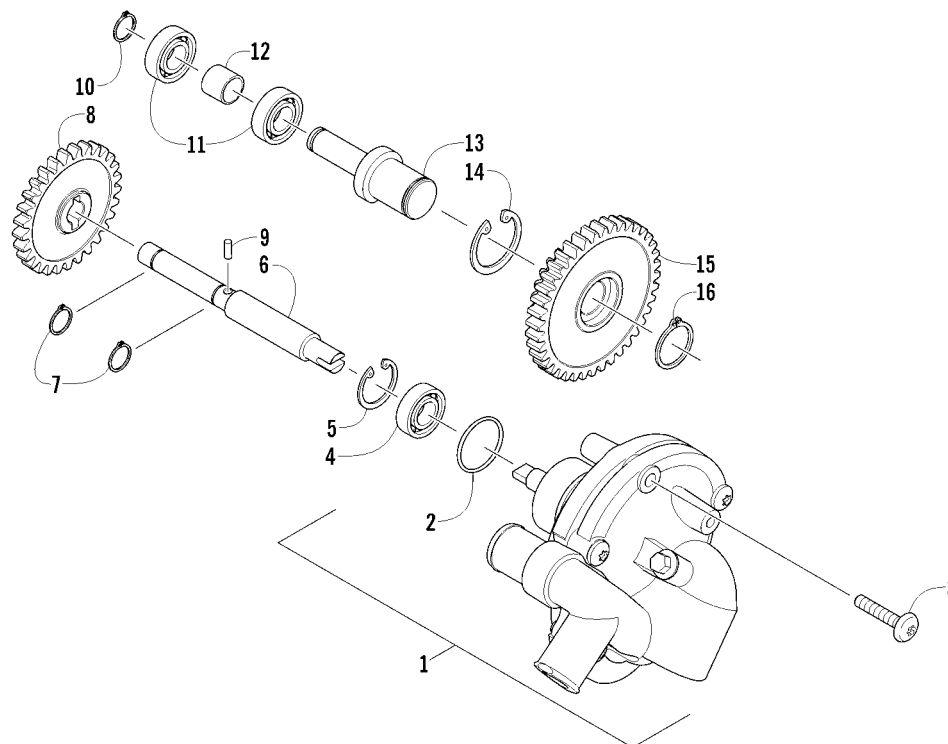
| Ref | Part No. | New | Qty | Description                      | Ref | Part No. | New | Qty | Description                   |
|-----|----------|-----|-----|----------------------------------|-----|----------|-----|-----|-------------------------------|
| 1   | 0815-026 | X   | 1   | Gear, Starter Idler - No. 1      | 6   | 0815-004 |     | 1   | Gear, Starter Clutch (inc. 7) |
| 2   | 0829-031 |     | 1   | Shaft, Starter Gear              | 7   | 0832-079 |     | 1   | ● Bearing                     |
| 3   | 0815-002 |     | 1   | Gear, Starter Idler - No. 2      | 8   | 0802-035 |     | 1   | Clutch, Starter               |
| 4   | 0815-003 |     | 1   | Spacer, Starter Idler Gear No. 2 | 9   | 0826-069 |     | 6   | Screw, Cap                    |
| 5   | 0829-032 |     | 1   | Shaft, Starter Gear              | 10  | 0828-113 |     | 1   | Washer, Wave                  |



OIL PUMP ASSEMBLY

0745-052

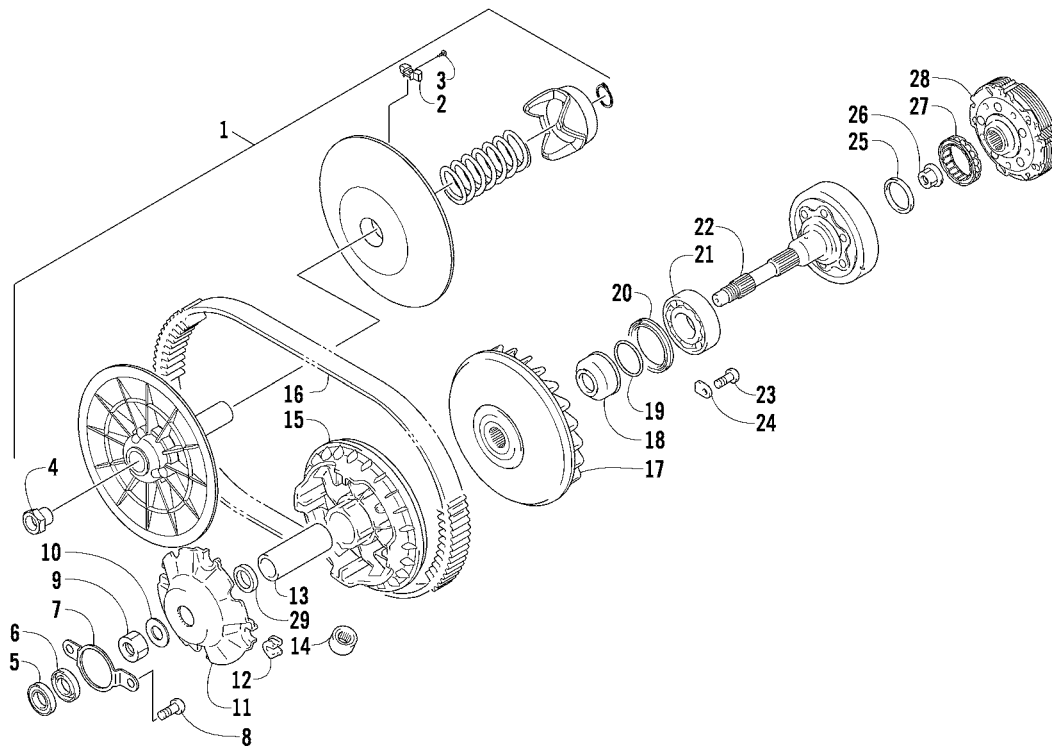
| Ref | Part No. | New | Qty | Description       | Ref | Part No. | New | Qty | Description        |
|-----|----------|-----|-----|-------------------|-----|----------|-----|-----|--------------------|
| 1   | 0812-041 |     | 1   | Gerotor - Set     | 9   | 0812-045 |     | 1   | Gear, Driven       |
| 2   | 0829-009 |     | 2   | Pin, Dowel        | 10  | 0831-002 |     | 1   | Ring, Retaining    |
| 3   | 0812-048 |     | 1   | O-Ring            | 11  | 0812-057 |     | 1   | Strainer, Oil      |
| 4   | 0812-040 |     | 1   | Housing, Oil Pump | 12  | 0826-040 |     | 2   | Screw, Machine     |
| 5   | 8468-625 |     | 2   | Screw, Machine    | 13  | 0812-053 |     | 1   | Cap, Oil Strainer  |
| 6   | 0812-047 |     | 1   | Seal, Oil Pump    | 14  | 8468-625 |     | 4   | Screw, Machine     |
| 7   | 0828-007 |     | 1   | Shim              | 15  | 0812-006 |     | 1   | Plug, Drain        |
| 8   | 0812-046 |     | 1   | Shaft, Oil Pump   | 16  | 0830-017 |     | 1   | Gasket, Drain Plug |



## WATER PUMP ASSEMBLY

0745-053

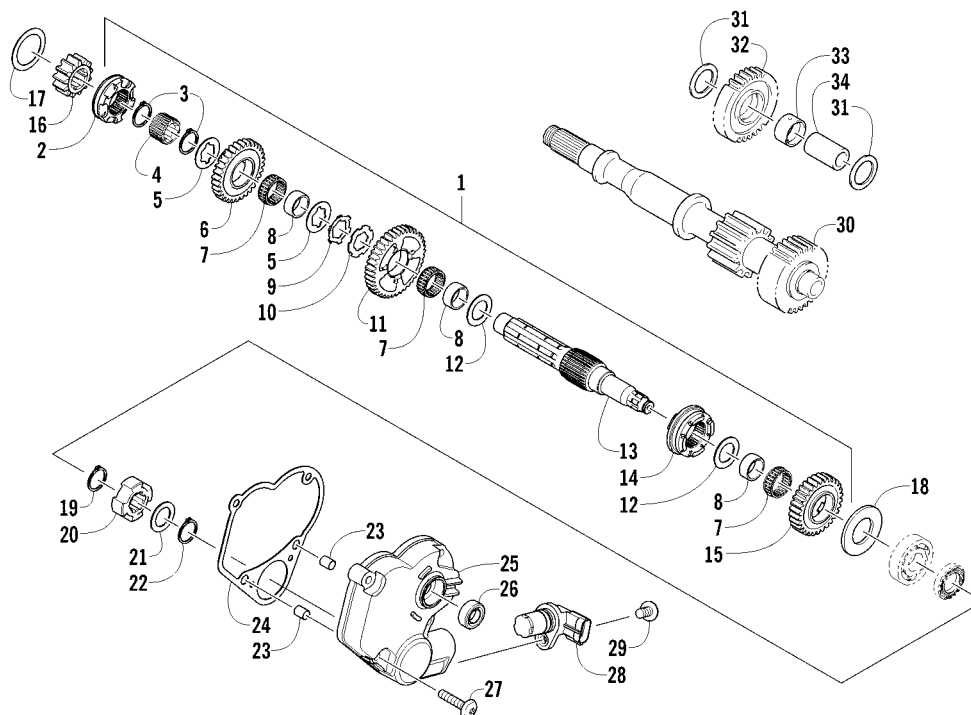
| Ref | Part No. | New | Qty | Description                     | Ref | Part No. | New | Qty | Description                      |
|-----|----------|-----|-----|---------------------------------|-----|----------|-----|-----|----------------------------------|
| 1   | 0813-056 | X   | 1   | Pump, Water - Assembly (inc. 2) | 9   | 0829-009 |     | 1   | Pin, Dowel                       |
| 2   | 0830-029 |     | 1   | ● O-Ring                        | 10  | 0831-002 |     | 1   | Ring, Retaining                  |
| 3   | 8468-650 |     | 2   | Screw, Machine                  | 11  | 0832-046 |     | 2   | Bearing                          |
| 4   | 0832-084 | X   | 1   | Bearing                         | 12  | 0813-028 |     | 1   | Spacer, Idler - Water Pump       |
| 5   | 0831-086 | X   | 1   | Circlip                         | 13  | 0813-026 |     | 1   | Shaft, Water Pump Idler Gear     |
| 6   | 0813-041 | X   | 1   | Shaft, Driven Gear              | 14  | 0831-004 |     | 1   | Ring, Retaining                  |
| 7   | 0831-010 |     | 2   | Ring, Retaining                 | 15  | 0813-027 |     | 1   | Gear, Idler - Water Pump - Drive |
| 8   | 0813-043 | X   | 1   | Gear, Driven                    | 16  | 0831-040 |     | 1   | Ring, Retaining                  |



## TRANSMISSION ASSEMBLY

0744-238

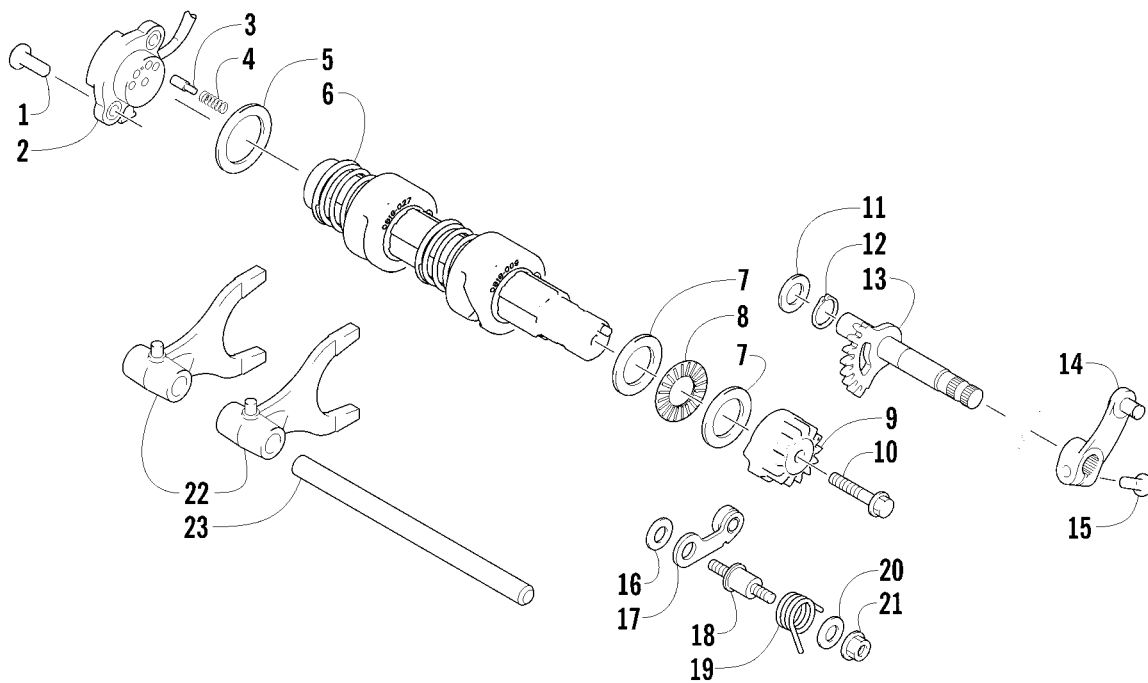
| Ref | Part No. | New | Qty | Description                          | Ref | Part No. | New | Qty | Description                   |
|-----|----------|-----|-----|--------------------------------------|-----|----------|-----|-----|-------------------------------|
| 1   | 0823-157 |     | 1   | Pulley, Driven - Assembly (inc. 2-4) | 16  | 0823-231 |     | 1   | Belt, Drive                   |
| 2   | 0823-176 |     | 3   | ● Shoe, Cam                          | 17  | 0823-156 |     | 1   | Face, Fixed Drive             |
| 3   | 0823-177 |     | 3   | ● Screw, Machine                     | 18  | 0823-015 |     | 1   | Spacer, Fixed Drive Face      |
| 4   | 0823-178 |     | 1   | ● Nut, Driven Pulley                 | 19  | 0470-531 |     | 1   | O-Ring                        |
| 5   | 0832-010 |     | 1   | Bearing                              | 20  | 0830-188 |     | 1   | Seal, Clutch Housing - Right  |
| 6   | 0830-176 |     | 1   | Seal                                 | 21  | 0832-047 |     | 1   | Bearing                       |
| 7   | 0823-020 |     | 1   | Retainer, Bearing                    | 22  | 0823-261 |     | 1   | Housing, Clutch               |
| 8   | 0826-031 |     | 2   | Screw, Machine                       | 23  | 0826-029 |     | 2   | Screw, Machine                |
| 9   | 0827-010 |     | 1   | Nut                                  | 24  | 0822-010 |     | 2   | Retainer, Bearing             |
| 10  | 0828-106 |     | 1   | Washer                               | 25  | 0830-189 |     | 1   | Seal, Clutch Housing - Left   |
| 11  | 0823-008 |     | 1   | Plate, Movable Drive Face            | 26  | 0827-011 |     | 1   | Nut                           |
| 12  | 0823-010 |     | 4   | Damper, Movable Drive Face           | 27  | 0823-018 |     | 1   | Clutch, One-Way               |
| 13  | 0823-265 |     | 1   | Spacer, Movable Drive Face           | 28  | 0823-098 |     | 1   | Clutch, Centrifugal - 6 Plate |
| 14  | 0823-170 |     | 8   | Roller, Movable Drive Face           | 29  | 0823-292 |     | 1   | Spacer                        |
| 15  | 0823-159 |     | 1   | Face, Movable Drive                  |     |          |     |     |                               |



## SECONDARY TRANSMISSION ASSEMBLY

0745-054

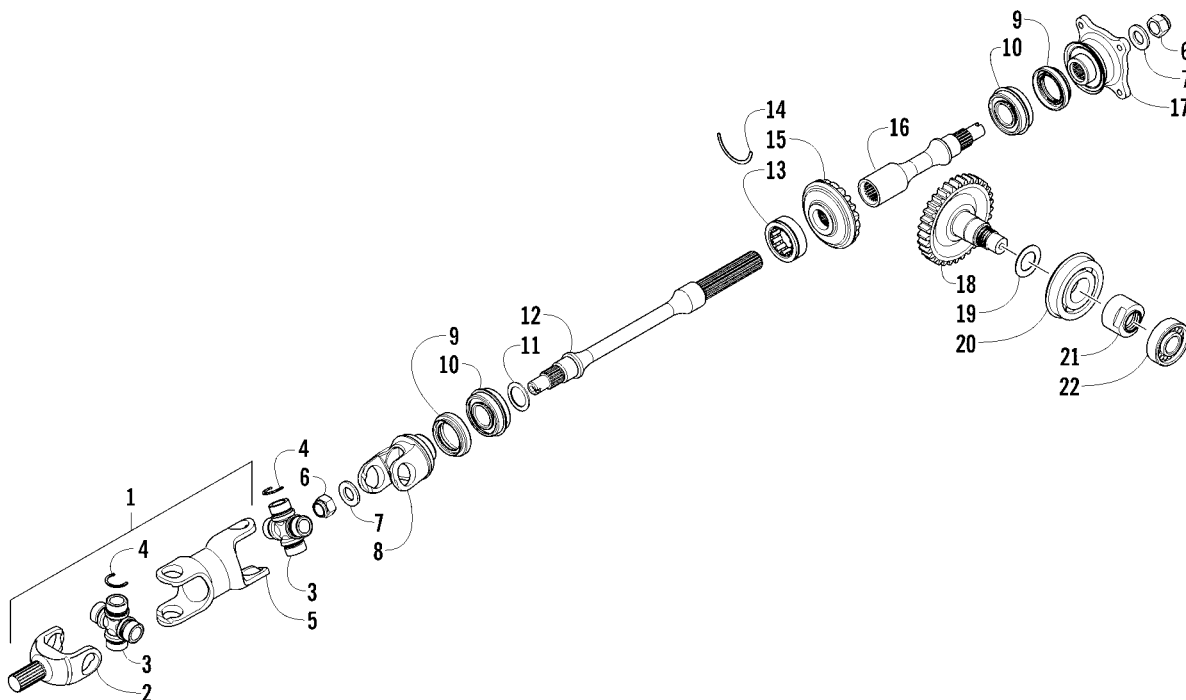
| Ref | Part No. | New | Qty | Description                       | Ref | Part No. | New | Qty | Description                 |
|-----|----------|-----|-----|-----------------------------------|-----|----------|-----|-----|-----------------------------|
| 1   | 0822-091 |     | 1   | Countershaft Assembly (inc. 2-15) | 18  | 0828-011 |     | 1   | Washer                      |
| 2   | 0822-014 |     | 1   | ● Gear Select, Reverse            | 19  | 0831-040 |     | 1   | Ring, Retaining             |
| 3   | 0831-011 |     | 2   | ● Ring, Retaining                 | 20  | 0822-050 |     | 1   | Trigger, Speedometer Sensor |
| 4   | 0822-045 |     | 1   | ● Spacer, Reverse Driven Gear     | 21  | 0828-069 |     | 1   | Washer, Thrust              |
| 5   | 0828-008 |     | 2   | ● Washer                          | 22  | 0831-039 |     | 1   | Ring, Retaining             |
| 6   | 0822-013 |     | 1   | ● Gear, Reverse Driven            | 23  | 0829-001 |     | 2   | Pin, Dowel                  |
| 7   | 0832-011 |     | 3   | ● Bearing                         | 24  | 0830-194 | X   | 1   | Gasket                      |
| 8   | 0822-005 |     | 3   | ● Bushing                         | 25  | 0806-105 | X   | 1   | Housing, Speedometer Sensor |
| 9   | 0828-014 |     | 1   | ● Washer, Lock                    | 26  | 0830-044 |     | 1   | Seal                        |
| 10  | 0828-015 |     | 1   | ● Washer, Lock                    | 27  | 8468-630 |     | 4   | Screw, Machine              |
| 11  | 0822-004 |     | 1   | ● Gear, Driven - Low              | 28  | 0824-042 |     | 1   | Sensor, Speedometer         |
| 12  | 0822-046 |     | 2   | ● Washer, Driven Gear             | 29  | 8468-620 |     | 1   | Screw, Machine              |
| 13  | 0822-003 |     | 1   | Countershaft                      | 30  | 0822-001 |     | 1   | Driveshaft                  |
| 14  | 0822-007 |     | 1   | ● Gear Select, Sliding            | 31  | 0828-016 |     | 2   | Washer, Thrust              |
| 15  | 0822-006 |     | 1   | ● Gear, Driven - High             | 32  | 0822-011 |     | 1   | Gear, Reverse Idle          |
| 16  | 0822-089 |     | 1   | Gear, Drive                       | 33  | 0822-012 |     | 1   | Bushing                     |
| 17  | 0828-019 |     | 1   | Washer, Thrust                    | 34  | 0822-015 |     | 1   | Shaft, Reverse Idle         |



## GEAR SHIFTING ASSEMBLY

0745-057

| Ref | Part No. | New | Qty | Description                  | Ref | Part No. | New | Qty | Description           |
|-----|----------|-----|-----|------------------------------|-----|----------|-----|-----|-----------------------|
| 1   | 8470-516 |     | 2   | Screw, Machine               | 13  | 0818-095 | X   | 1   | Shaft, Sub-Gear Shift |
| 2   | 0409-091 |     | 1   | Switch, Gear Position        | 14  | 0818-014 |     | 1   | Arm, Shift            |
| 3   | 0818-013 |     | 2   | Contact                      | 15  | 8468-620 |     | 1   | Screw, Machine        |
| 4   | 0818-017 |     | 2   | Spring                       | 16  | 0828-038 |     | 1   | Washer                |
| 5   | 0828-040 |     | 1   | Washer                       | 17  | 0818-002 |     | 1   | Stopper, Cam          |
| 6   | 0818-046 |     | 1   | Shaft, Gear Shift - Assembly | 18  | 0818-004 |     | 1   | Support, Cam Stopper  |
| 7   | 0828-095 |     | 2   | Washer, Thrust               | 19  | 0818-090 |     | 1   | Spring                |
| 8   | 0832-052 |     | 1   | Bearing, Thrust              | 20  | 0828-035 |     | 1   | Washer                |
| 9   | 0818-055 |     | 1   | Cam, Gear Shift              | 21  | 8424-602 |     | 1   | Nut                   |
| 10  | 0826-006 |     | 1   | Screw, Cap                   | 22  | 0818-072 |     | 2   | Fork, Shift           |
| 11  | 0828-036 |     | 1   | Washer                       | 23  | 0818-006 |     | 1   | Shaft, Shift Fork     |
| 12  | 0831-010 |     | 1   | Ring, Retaining              |     |          |     |     |                       |

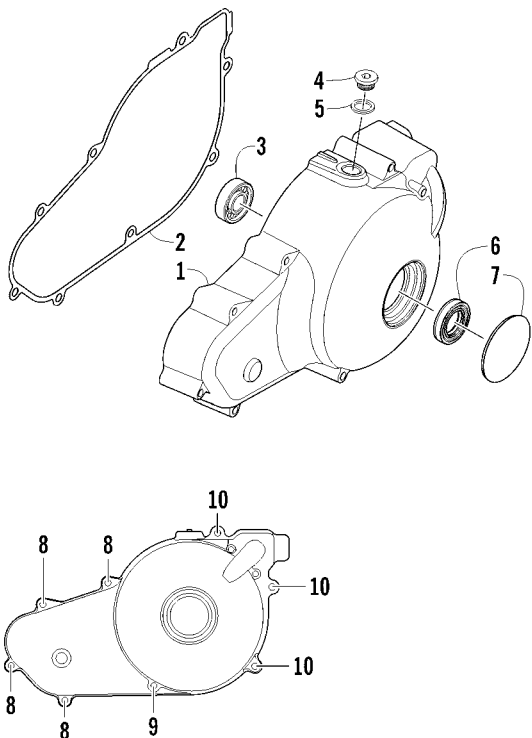


## SECONDARY DRIVE ASSEMBLY

0745-058

| Ref | Part No. | New | Qty | Description                                                         | Ref | Part No. | New | Qty | Description                     |
|-----|----------|-----|-----|---------------------------------------------------------------------|-----|----------|-----|-----|---------------------------------|
| 1   | 1502-342 |     | 1   | Driveshaft, Front - Assembly (inc. 2, one No. 3, four No. 4, and 5) | 12  | 0819-089 | X   | 1   | Shaft, Secondary Driven - Front |
| 2   | 1402-701 |     | 1   | ● Yoke, Slip                                                        | 13  | 0832-016 |     | 1   | Bearing, Driven Gear            |
| 3   | 0402-944 |     | 2   | ● Joint, Universal - Set (inc. 4)                                   | 14  | 0819-011 |     | 1   | Ring, Driven Bearing            |
| 4   | 0423-395 |     | 8   | ●● Ring, Retaining                                                  | 15  | 0822-106 |     | 1   | Gear, Secondary Driven          |
| 5   | 1502-341 |     | 1   | ● Driveshaft, Front                                                 | 16  | 0819-053 |     | 1   | Shaft, Secondary Driven - Rear  |
| 6   | 0827-013 |     | 2   | Nut                                                                 | 17  | 0819-005 |     | 1   | Flange, Output Joint - Rear     |
| 7   | 0828-020 |     | 2   | Washer                                                              | 18  | 0822-108 |     | 1   | Gear, Secondary Drive           |
| 8   | 1502-325 |     | 1   | Yoke, Propeller Shaft Joint                                         | 19  | 0828-119 |     | AR  | Shim, 30 x 48 x 0.25 mm         |
| 9   | 0830-043 |     | 2   | Seal, Oil                                                           |     | 0828-120 |     | AR  | Shim, 30 x 48 x 0.30 mm         |
| 10  | 0832-017 |     | 2   | Bearing                                                             |     | 0828-121 |     | AR  | Shim, 30 x 48 x 0.35 mm         |
| 11  | 0828-021 |     | AR  | Shim, 25 x 34 x 0.25 mm                                             |     | 0828-122 |     | AR  | Shim, 30 x 48 x 0.90 mm         |
|     | 0828-022 |     | AR  | Shim, 25 x 34 x 0.30 mm                                             |     | 0828-123 |     | AR  | Shim, 30 x 48 x 0.95 mm         |
|     | 0828-023 |     | AR  | Shim, 25 x 34 x 0.70 mm                                             |     | 0828-124 |     | AR  | Shim, 30 x 48 x 1.00 mm         |
|     | 0828-024 |     | AR  | Shim, 25 x 34 x 0.90 mm                                             |     | 0828-125 |     | AR  | Shim, 30 x 48 x 1.05 mm         |
|     | 0828-025 |     | AR  | Shim, 25 x 34 x 0.95 mm                                             |     | 0828-126 |     | AR  | Shim, 30 x 48 x 1.10 mm         |
|     | 0828-026 |     | AR  | Shim, 25 x 34 x 1.00 mm                                             |     | 0828-127 |     | AR  | Shim, 30 x 48 x 1.15 mm         |
|     | 0828-027 |     | AR  | Shim, 25 x 34 x 1.05 mm                                             | 20  | 0832-083 | X   | 1   | Bearing                         |
|     | 0828-028 |     | AR  | Shim, 25 x 34 x 1.10 mm                                             | 21  | 0827-060 |     | 1   | Nut                             |
|     | 0828-029 |     | AR  | Shim, 25 x 34 x 1.15 mm                                             | 22  | 0832-050 |     | 1   | Bearing                         |

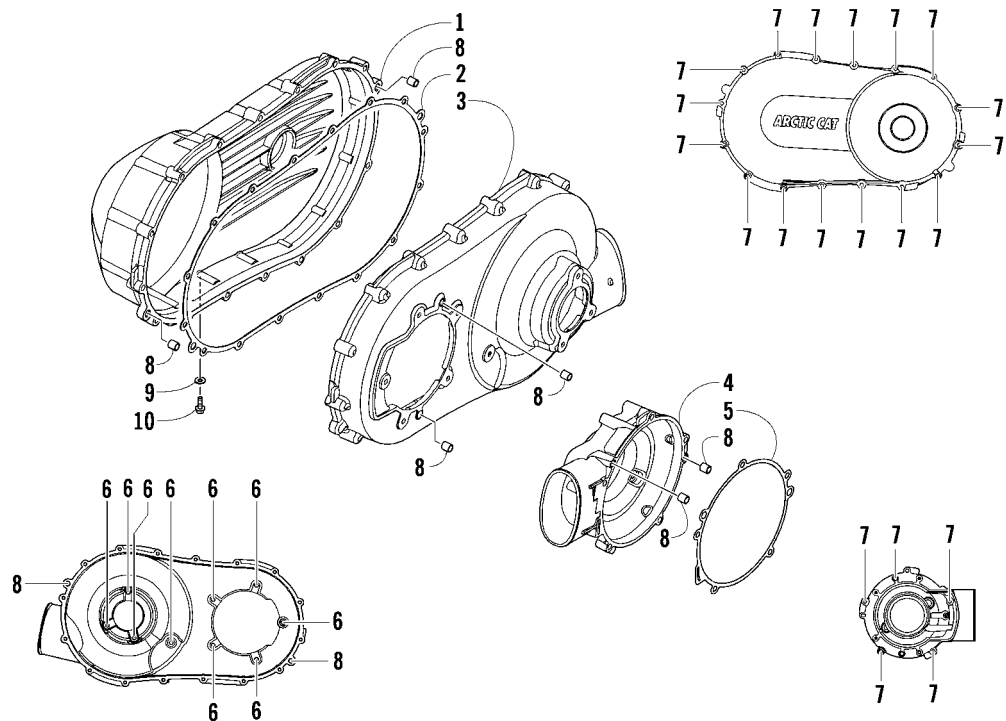
42



# MAGNETO SIDE ENGINE COVERS

0745-061

| Ref | Part No. | New | Qty | Description           | Ref | Part No. | New | Qty | Description        |
|-----|----------|-----|-----|-----------------------|-----|----------|-----|-----|--------------------|
| 1   | 0806-107 | X   | 1   | Cover, Magneto        | 6   | 0830-176 |     | 1   | Seal, Cap          |
| 2   | 0830-132 |     | 1   | Gasket, Magneto Cover | 7   | 0806-066 |     | 1   | Cap, Magneto Cover |
| 3   | 0832-010 |     | 1   | Bearing               | 8   | 8468-650 |     | 4   | Screw, Machine     |
| 4   | 0826-155 | X   | 1   | Plug, Check           | 9   | 8468-695 |     | 1   | Screw, Machine     |
| 5   | 0830-015 |     | 1   | Washer, Crush         | 10  | 8468-665 |     | 3   | Screw, Machine     |



CLUTCH SIDE ENGINE COVERS

0742-232

| Ref | Part No. | New | Qty | Description          | Ref | Part No. | New | Qty | Description    |
|-----|----------|-----|-----|----------------------|-----|----------|-----|-----|----------------|
| 1   | 0806-112 | X   | 1   | Cover, Outside       | 6   | 8468-616 |     | 9   | Screw, Machine |
| 2   | 0830-137 |     | 1   | Gasket, Cover        | 7   | 8468-630 |     | 21  | Screw, Machine |
| 3   | 0806-110 | X   | 1   | Cover, Inside        | 8   | 0829-001 |     | 6   | Pin, Dowel     |
| 4   | 0806-109 | X   | 1   | Cover, Clutch        | 9   | 0830-013 |     | 1   | Washer, Crush  |
| 5   | 0830-133 |     | 1   | Gasket, Clutch Cover | 10  | 8408-812 |     | 1   | Screw, Cap     |

