

# 2012 ATV

## ILLUSTRATED PARTS MANUAL

**1000 GT EFT**



**Model Number A2012AGW1PETV**

**ARCTIC CAT®**  
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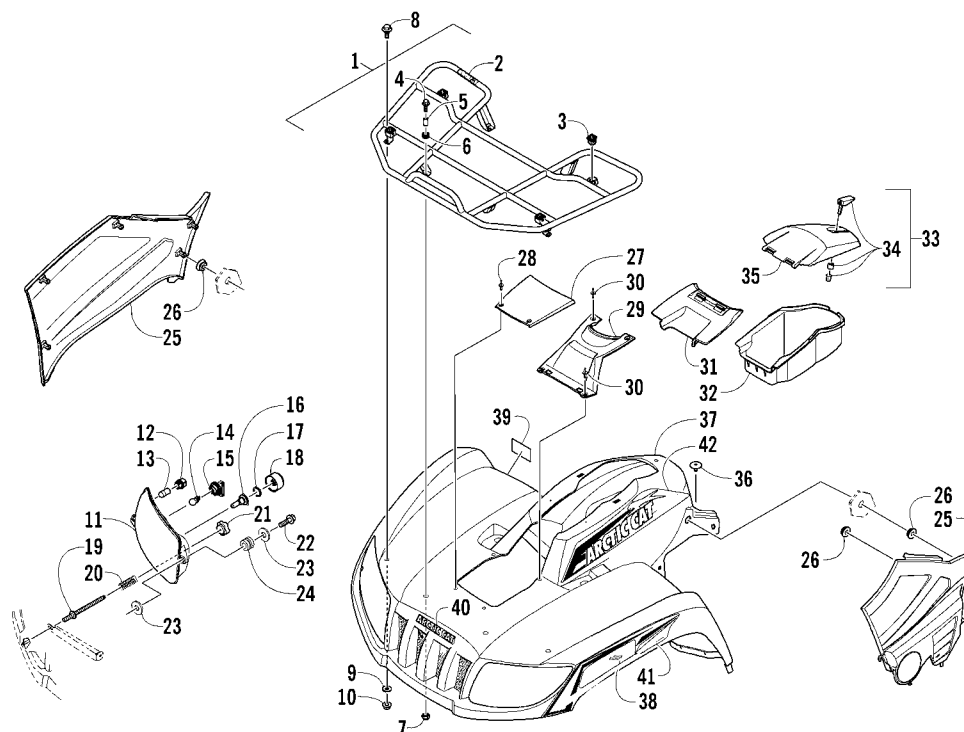
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## 2012 ATV 1000 GT EFT

Orange-Black (Model No. A2012AGW1PETY)

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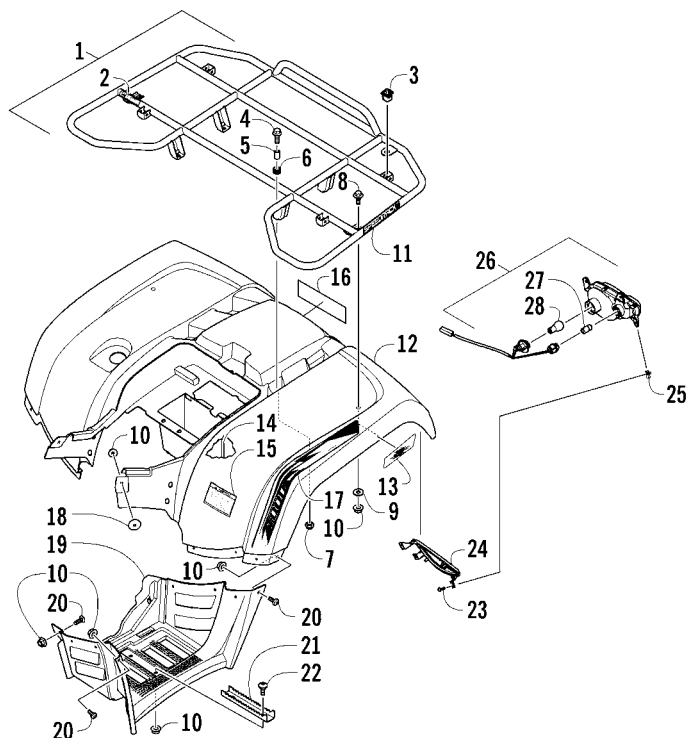
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



## FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0746-490

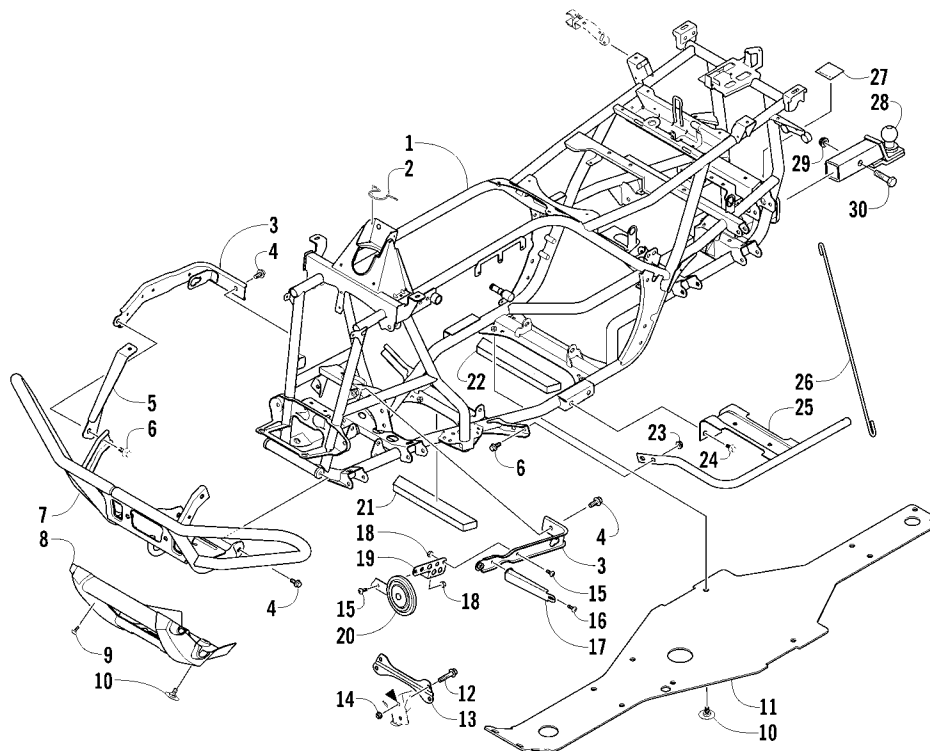
| Ref | Part No. | New | Qty | Description                             | Ref | Part No. | New | Qty | Description                           |
|-----|----------|-----|-----|-----------------------------------------|-----|----------|-----|-----|---------------------------------------|
| 1   | 2506-106 |     | 1   | Rack, Front - Assembly (inc. 2-3)       | 24  | 0423-447 |     | 4   | Grommet                               |
| 2   | 0411-576 |     | 1   | ● Decal, Warning - Load                 | 25  | 2406-588 |     | 1   | Panel, Side - Lower - Right           |
| 3   | 0441-592 |     | 4   | ● Bushing                               |     | 2406-589 |     | 1   | Panel, Side - Lower - Left            |
| 4   | 8410-830 |     | 4   | Screw, Cap                              | 26  | 0423-678 |     | 8   | Grommet                               |
| 5   | 0423-669 |     | 4   | Spacer                                  | 27  | 1406-358 |     | 1   | Cover, Access                         |
| 6   | 0423-465 |     | 4   | Grommet                                 | 28  | 0423-535 |     | 2   | Rivet, Reinstallable                  |
| 7   | 8432-802 |     | 4   | Nut, Lock                               | 29  | 1406-484 |     | 1   | Cover, Steering Post                  |
| 8   | 0423-654 |     | 2   | Screw, Shoulder                         | 30  | 0623-362 |     | 4   | Rivet, Reinstallable                  |
| 9   | 8050-222 |     | 2   | Washer                                  | 31  | 0470-513 |     | 1   | Cover, Storage Box                    |
| 10  | 0423-540 |     | 2   | Nut, Lock                               | 32  | 1406-573 |     | 1   | Box, Storage                          |
| 11  | 0509-036 |     | 1   | Headlight Assembly - Right (inc. 12-18) | 33  | 2506-234 |     | 1   | Lid, Storage Box w/Latch (inc. 34-35) |
|     | 0509-037 |     | 1   | Headlight Assembly - Left (inc. 12-18)  | 34  | 1406-599 |     | 1   | ● Latch, Storage Box                  |
| 12  | 0409-102 |     | 2   | ● Socket, Position Bulb                 | 35  | 0470-514 |     | 1   | ● Lid, Storage Box                    |
| 13  | 0409-101 |     | 2   | ● Bulb, Position                        | 36  | 0423-101 |     | 2   | Screw, Shoulder                       |
| 14  | 0409-099 |     | 2   | ● Bulb, Turn Signal                     | 37  | 2516-985 |     | 1   | Panel, Fender - Orange                |
| 15  | 0409-100 |     | 2   | ● Socket, Turn Signal Bulb              | 38  | 0411-818 |     | 1   | Decal, Reflector - Right - Amber      |
| 16  | 0409-096 |     | 2   | ● Bulb, Headlight                       |     | 0411-819 |     | 1   | Decal, Reflector - Left - Amber       |
| 17  | 0409-097 |     | 2   | ● Retainer, Spring                      | 39  | 1411-906 |     | 1   | Decal, Warning - Throttle             |
| 18  | 0409-098 |     | 2   | ● Boot, Rubber                          | 40  | 1411-725 |     | 1   | Decal, "Arctic Cat"                   |
| 19  | 0423-514 |     | 2   | Stud, Adjuster - Headlight              | 41  | 2411-700 | X   | 1   | Decal, Side - Front Right             |
| 20  | 0423-522 |     | 2   | Spring, Adjuster                        |     | 2411-701 | X   | 1   | Decal, Side - Front Left              |
| 21  | 0423-513 |     | 2   | Knob, Adjuster                          | 42  | 2411-702 | X   | 1   | Decal, Side - Upper Right             |
| 22  | 0623-785 |     | 4   | Screw, Self-Tapping                     |     | 2411-703 | X   | 1   | Decal, Side - Upper Left              |
| 23  | 8050-217 |     | 8   | Washer                                  |     |          |     |     |                                       |



## REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0746-493

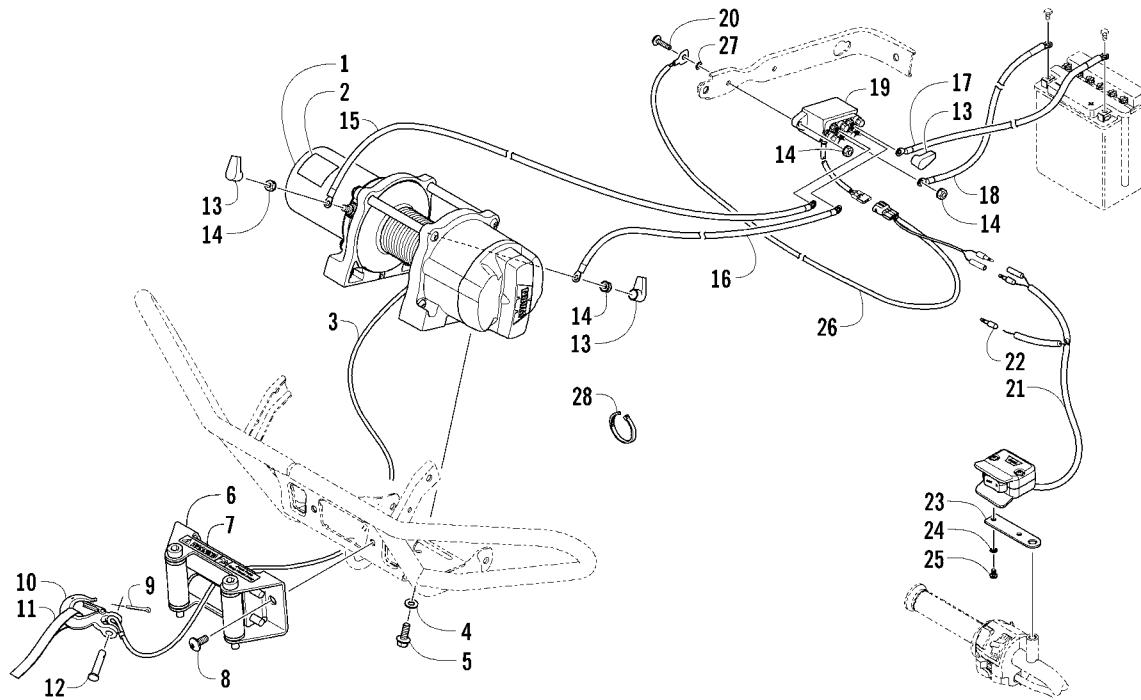
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|-----|----------|-----|-----|----------------------------------|-----|----------|-----|-----|-----------------------------------------|
| 1   | 2506-125 |     | 1   | Rack, Rear - Assembly (inc. 2-3) | 17  | 2411-704 | X   | 1   | Decal, 1000 - Right                     |
| 2   | 0411-648 |     | 1   | ● Decal, Warning - Load          |     | 2411-705 | X   | 1   | Decal, 1000 - Left                      |
| 3   | 0441-592 |     | 4   | ● Bushing, Rack                  | 18  | 0423-101 |     | 2   | Screw, Shoulder                         |
| 4   | 8410-830 |     | 4   | Screw, Cap                       | 19  | 2506-450 |     | 1   | Footwell - Right                        |
| 5   | 0423-669 |     | 4   | Spacer                           |     | 1406-519 |     | 1   | Footwell - Left                         |
| 6   | 0423-465 |     | 4   | Grommet                          | 20  | 0423-419 |     | 18  | Screw, Machine                          |
| 7   | 8432-802 |     | 4   | Nut, Lock                        | 21  | 1506-125 |     | 2   | Footpeg                                 |
| 8   | 0423-654 |     | 2   | Screw, Shoulder                  | 22  | 0423-355 |     | 4   | Screw, Shoulder                         |
| 9   | 8050-222 |     | 2   | Washer                           | 23  | 8476-516 |     | 6   | Screw, Machine                          |
| 10  | 0423-540 |     | 26  | Nut, Lock                        | 24  | 0409-112 |     | 1   | Bezel, Taillight - Right                |
| 11  | 0411-965 |     | 2   | Decal, "Speedrack"               |     | 0409-113 |     | 1   | Bezel, Taillight - Left                 |
| 12  | 2516-242 |     | 1   | Panel, Fender - Rear - Black     | 25  | 3304-061 |     | 6   | Clip, U-Nut                             |
| 13  | 1411-592 |     | 1   | Decal, Reflector - Right - Red   | 26  | 3313-392 |     | 1   | Taillight Assembly - Right (inc. 27-28) |
|     | 1411-593 |     | 1   | Decal, Reflector - Left - Red    |     | 3313-393 |     | 1   | Taillight Assembly - Left (inc. 27-28)  |
| 14  | 0470-658 |     | 1   | Foil, Protective                 | 27  | 3313-506 |     | 2   | ● Bulb, Turn Signal                     |
| 15  | 2411-609 | X   | 1   | Decal, Warning - Tire Pressure   | 28  | 3303-849 |     | 2   | ● Bulb, Taillight                       |
| 16  | 1411-725 |     | 1   | Decal, "Arctic Cat"              |     |          |     |     |                                         |



## FRAME AND RELATED PARTS

0745-699

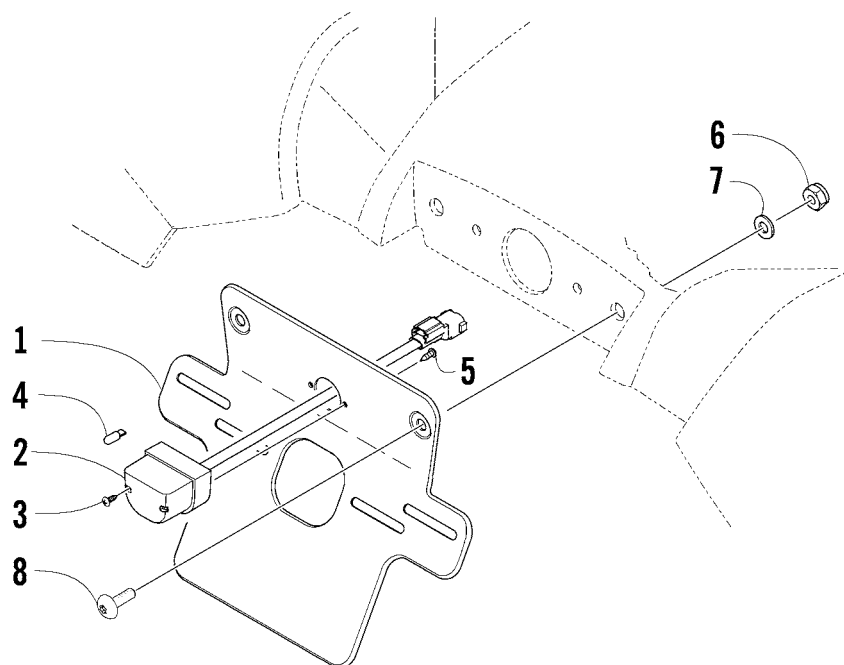
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|-----|----------|-----|-----|------------------------------------|-----|----------|-----|-----|--------------------------------|
| 1   | 4506-555 | X   | 1   | Frame, Main                        | 17  | 2416-162 |     | 1   | Bracket, Support - Right       |
| 2   | 2416-401 |     | 1   | Clip, Routing                      |     | 2416-163 |     | 1   | Bracket, Support - Left        |
| 3   | 2506-813 |     | 1   | Channel, Mounting - Bumper - Right | 18  | 0623-038 |     | 3   | Nut w/Washer                   |
|     | 2506-285 |     | 1   | Channel, Mounting - Bumper - Left  | 19  | 2406-321 |     | 1   | Bracket, Mounting - Horn       |
| 4   | 8409-020 |     | 4   | Screw, Cap                         | 20  | 0430-053 |     | 1   | Horn, Electric - 12V           |
| 5   | 1506-562 |     | 1   | Bracket, Mounting - Bumper - Right | 21  | 2506-701 |     | 1   | Pad, Foam                      |
|     | 1506-563 |     | 1   | Bracket, Mounting - Bumper - Left  | 22  | 0406-289 |     | 1   | Pad, Foam                      |
| 6   | 8408-816 |     | 6   | Screw, Cap                         | 23  | 8424-802 |     | 4   | Nut                            |
| 7   | 1506-855 |     | 1   | Bumper, Front                      | 24  | 8409-016 |     | 4   | Screw, Cap                     |
| 8   | 1406-360 |     | 1   | Fascia, Bumper - Front             | 25  | 2506-449 |     | 1   | Footrest - Right               |
| 9   | 0423-419 |     | 2   | Screw, Machine                     |     | 1506-379 |     | 1   | Footrest - Left                |
| 10  | 0423-101 |     | 12  | Screw, Shoulder                    | 26  | 2506-423 |     | 2   | Rod, Support                   |
| 11  | 2406-648 |     | 1   | Panel, Belly                       | 27  | 1411-077 |     | 1   | Decal, Warning - Towing        |
| 12  | 8409-025 |     | 2   | Screw, Cap                         | 28  | 0541-857 |     | 1   | Mount, Ball Hitch (inc. 29-30) |
| 13  | 2516-852 |     | 1   | Brace, A-Arm                       | 29  | 0423-690 |     | 1   | ● Nut, Lock                    |
| 14  | 0423-744 |     | 2   | Nut, Lock                          | 30  | 0423-693 |     | 1   | ● Screw, Cap                   |
| 15  | 8477-616 |     | 2   | Screw, Machine                     |     |          |     |     |                                |
| 16  | 8477-620 |     | 1   | Screw, Machine                     |     |          |     |     |                                |



## WINCH ASSEMBLY

0745-322

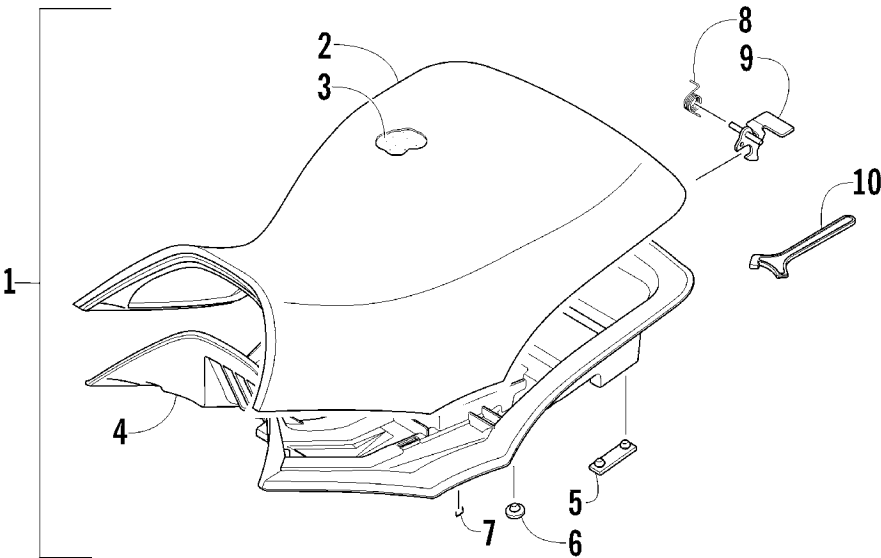
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|-----|----------|-----|-----|--------------------------------|-----|----------|-----|-----|---------------------------------------|
| 1   | 1441-657 |     | 1   | Winch (inc. 2-3)               | 16  | 0445-069 |     | 1   | Cable, Winch/Solenoid - Blue          |
| 2   | 1411-826 |     | 1   | ● Decal, Warning               | 17  | 0445-087 |     | 1   | Cable, Solenoid/Battery - Red         |
| 3   | 0441-061 |     | 1   | ● Cable, Winch                 | 18  | 1441-112 |     | 1   | Cable, Solenoid/Battery - Black       |
| 4   | 8051-246 |     | 4   | Washer, Lock                   | 19  | 0409-066 |     | 1   | Solenoid                              |
| 5   | 8408-820 |     | 4   | Screw, Cap                     | 20  | 8476-625 |     | 2   | Screw, Machine                        |
| 6   | 0441-403 |     | 1   | Roller, Winch (inc. 7)         | 21  | 0505-552 |     | 1   | Switch, Winch - Assembly (inc. 22-27) |
| 7   | 0411-474 |     | 1   | ● Decal, Warning - Pinch Point | 22  | 1441-428 |     | 1   | ● Connector, Harness                  |
| 8   | 8468-820 |     | 2   | Screw, Machine                 | 23  | 0505-551 |     | 1   | ● Bracket, Winch Switch               |
| 9   | 0623-175 |     | 1   | Pin, Cotter                    | 24  | 8052-093 |     | 2   | ● Washer, Internal Tooth Lock         |
| 10  | 1441-833 |     | 1   | Hook, Winch                    | 25  | 8009-243 |     | 2   | ● Screw, Machine                      |
| 11  | 1441-781 |     | 1   | Strap                          | 26  | 0486-276 |     | 1   | ● Harness, Adapter - Solenoid         |
| 12  | 1441-834 |     | 1   | Pin                            | 27  | 8053-212 |     | 1   | ● Washer, External Tooth Lock         |
| 13  | 0645-019 |     | 3   | Boot, Terminal                 | 28  | 0123-788 |     | AR  | Tie, Cable - 8 in.                    |
| 14  | 0623-038 |     | 8   | Nut w/Washer                   |     | 0123-903 |     | AR  | Tie, Cable - 11.5 in.                 |
| 15  | 0445-068 |     | 1   | Cable, Winch/Solenoid - Yellow |     |          |     |     |                                       |



## LICENSE PLATE HOLDER ASSEMBLY

0743-236

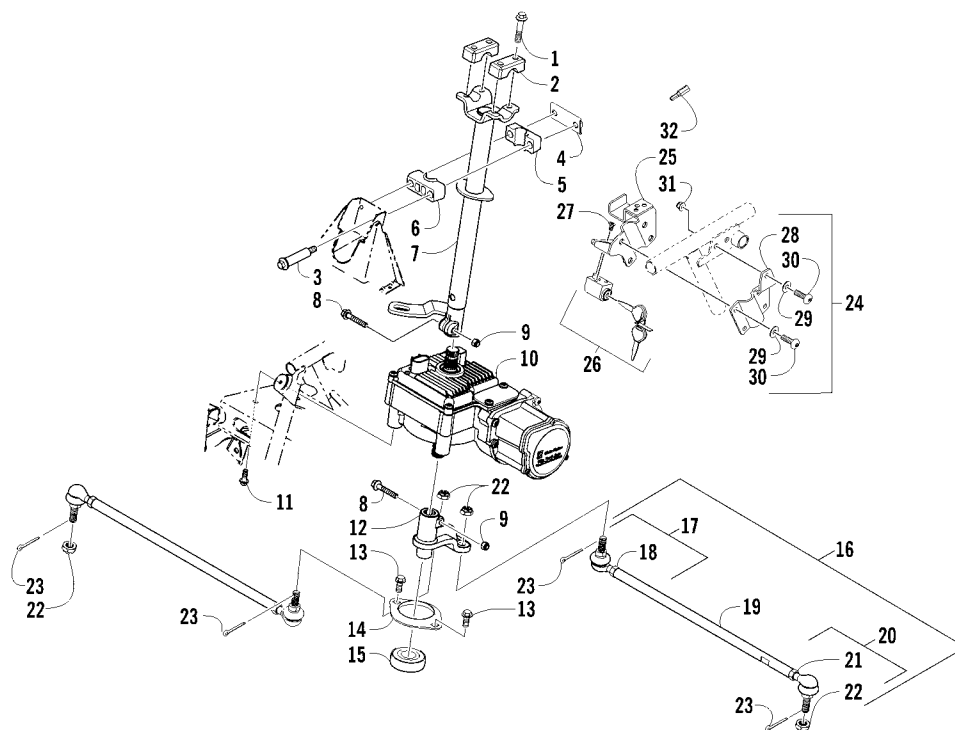
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|-----|----------|-----|-----|-----------------------------------------------|-----|----------|-----|-----|---------------------|
| 1   | 2506-914 |     | 1   | Mount, License Plate                          | 5   | 0123-950 |     | 2   | Screw, Self-Tapping |
| 2   | 3304-772 |     | 1   | Light, License Plate Assembly (inc. 3-4)      | 6   | 8432-802 |     | 2   | Nut, Lock           |
| 3   | —        |     | 2   | ● Screw, Self-Tapping -<br>Not a Service Part | 7   | 8050-247 |     | 2   | Washer              |
| 4   | 3303-847 |     | 1   | ● Bulb                                        | 8   | 8468-820 |     | 2   | Screw, Machine      |



SEAT ASSEMBLY

0744-621

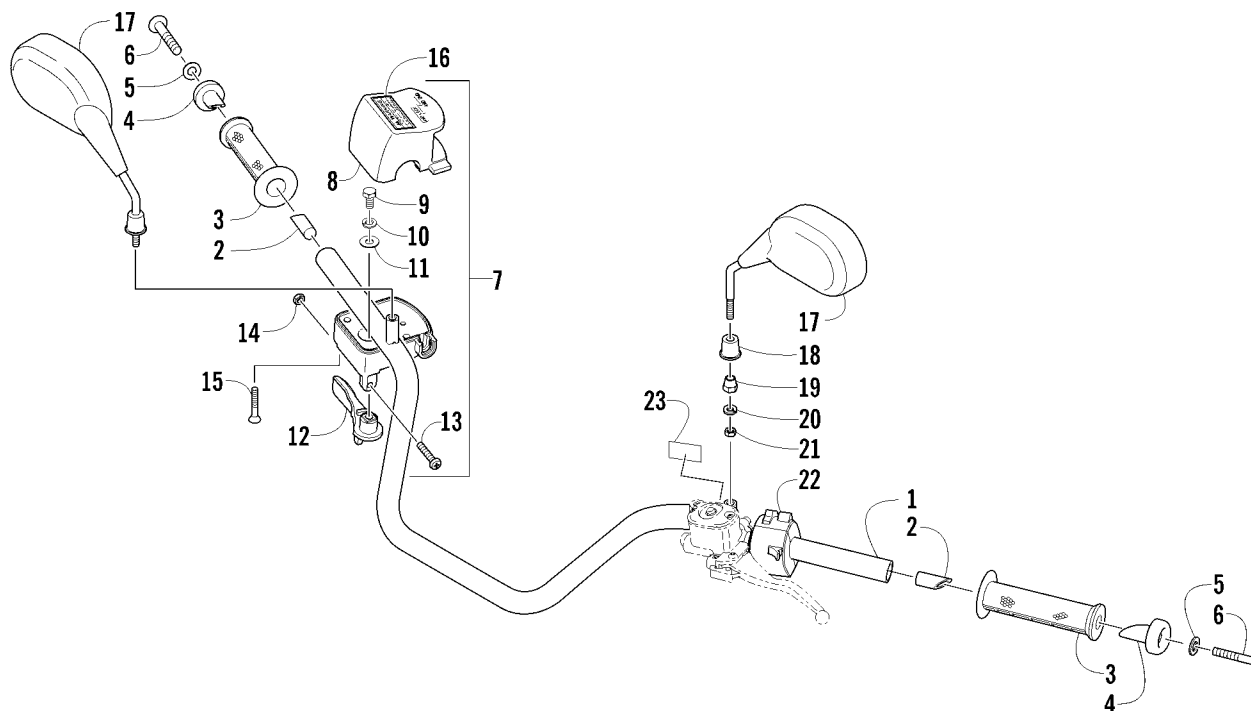
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|-----|----------|-----|-----|------------------------------------|-----|----------|-----|-----|-------------------------|
| 1   | 4506-558 | X   | 1   | Seat Assembly (inc. 2-9)           | 6   | 0406-877 |     | 4   | ●● Bumper, Seat - Front |
| 2   | 1506-209 |     | 1   | ● Cover, Seat                      | 7   | 0624-263 |     | AR  | ● Staple                |
| 3   | 0517-119 |     | 1   | ● Foam, Seat                       | 8   | 1406-592 |     | 1   | ● Spring, Seat Latch    |
| 4   | 2416-827 | X   | 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         |



## STEERING ASSEMBLY

0745-656

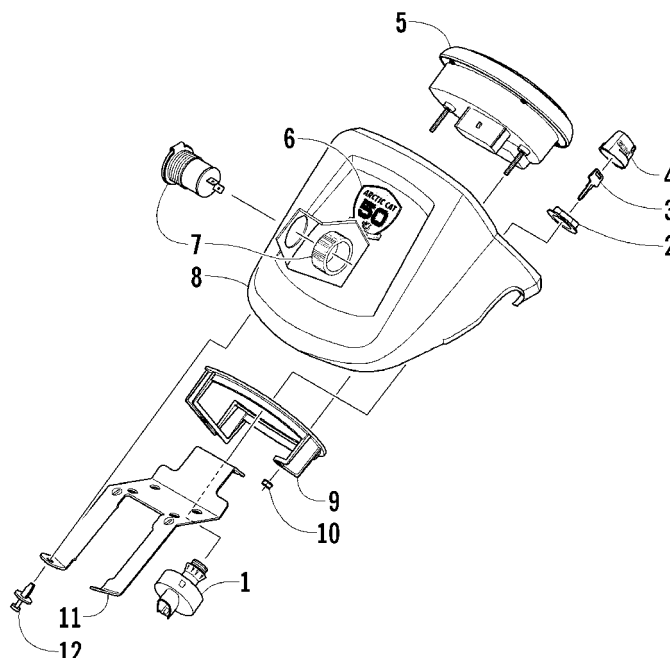
| Ref | Part No. | New | Qty | Description                                       | Ref | Part No. | New | Qty | Description                                        |
|-----|----------|-----|-----|---------------------------------------------------|-----|----------|-----|-----|----------------------------------------------------|
| 1   | 8408-835 |     | 4   | Screw, Cap                                        | 18  | 0423-013 |     | 2   | ●● Nut - Left-Hand Thread                          |
| 2   | 0405-035 |     | 2   | Cap, Steering Adjuster                            | 19  | 0405-281 |     | 2   | ● Tie Rod                                          |
| 3   | 0423-505 |     | 2   | Screw, Shoulder                                   | 20  | 0505-510 |     | 2   | ● End, Tie Rod - Right-Hand Thread - Kit (inc. 21) |
| 4   | 0505-484 |     | 1   | Cap, Housing                                      | 21  | 8420-002 |     | 2   | ●● Nut - Right-Hand Thread                         |
| 5   | 0405-260 |     | 1   | Housing, Upper                                    | 22  | 0423-157 |     | 4   | Nut, Lock                                          |
| 6   | 0405-259 |     | 1   | Housing, Lower                                    | 23  | 0623-175 |     | 4   | Pin, Cotter                                        |
| 7   | 0505-712 |     | 1   | Post, Steering                                    | 24  | 0505-770 | X   | 1   | Lock, Steering - Assembly (inc. 25-31)             |
| 8   | 8020-045 |     | 2   | Screw, Cap                                        | 25  | 0505-710 |     | 1   | ● Mount, Steering Lock                             |
| 9   | 8040-366 |     | 2   | Nut, Lock                                         | 26  | 3306-182 |     | 1   | ● Lock, Steering                                   |
| 10  | 0505-767 | X   | 1   | Assembly, Electronic Power Steering               | 27  | 1423-112 | X   | 2   | ● Screw, Machine                                   |
| 11  | 8409-020 |     | 4   | Screw, Cap                                        | 28  | 0405-409 |     | 1   | ● Mount, Steering Lock                             |
| 12  | 0505-664 |     | 1   | Arm, Steering                                     | 29  | 8050-247 |     | 5   | ● Washer                                           |
| 13  | 8408-816 |     | 2   | Screw, Cap                                        | 30  | 1423-112 | X   | 5   | ● Screw, Cap                                       |
| 14  | 0602-233 |     | 1   | Flange, Bearing                                   | 31  | 8424-802 |     | 1   | ● Nut                                              |
| 15  | 0405-052 |     | 1   | Bearing w/Inverted Oil Seal                       | 32  | 2441-251 | X   | 1   | Tool, Anti-Tamper - Optional                       |
| 16  | 0505-499 |     | 2   | Tie Rod - Assembly (inc. 17-21)                   |     |          |     |     |                                                    |
| 17  | 0505-511 |     | 2   | ● End, Tie Rod - Left-Hand Thread - Kit (inc. 18) |     |          |     |     |                                                    |



## HANDLEBAR ASSEMBLY

0745-005

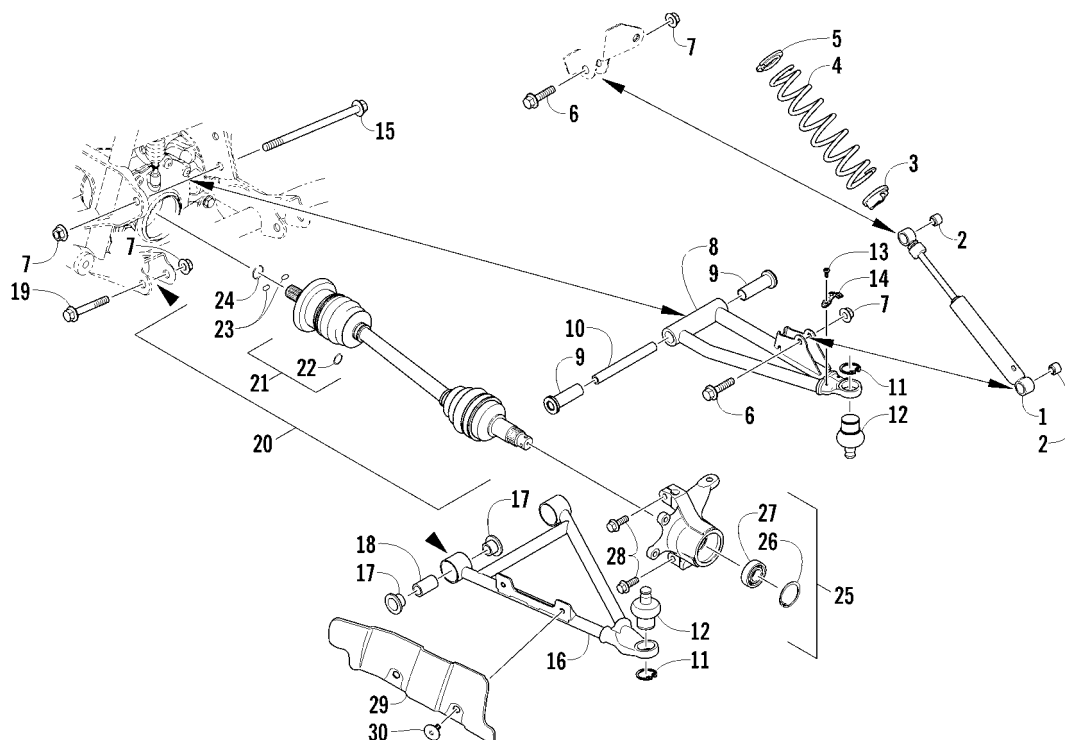
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|-----|----------|-----|-----|---------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 0505-522 |     | 1   | Handlebar                             | 13  | 3423-014 |     | 1   | ● Screw, Machine                   |
| 2   | 0405-218 |     | 2   | Plug, Handlebar                       | 14  | 3423-327 |     | 1   | ● Nut                              |
| 3   | 0405-147 |     | 2   | Grip, Handlebar                       | 15  | 3423-199 |     | 2   | ● Screw, Machine                   |
| 4   | 0405-149 |     | 2   | End Cap, Handlebar                    | 16  | 0411-966 |     | 1   | Decal, Warning - Differential Lock |
| 5   | 8050-247 |     | 2   | Washer                                | 17  | 2406-630 |     | 1   | Mirror - Right (inc. 18-21)        |
| 6   | 8477-845 |     | 2   | Screw, Machine                        |     | 2406-631 |     | 1   | Mirror - Left (inc. 18-21)         |
| 7   | 0509-054 |     | 1   | Case, Throttle - Assembly (inc. 8-15) | 18  | 0423-985 |     | 2   | ● Cover                            |
| 8   | 0409-141 |     | 1   | ● Cover, Throttle Case w/Switch       | 19  | 0423-986 |     | 2   | ● Nut, Adjuster                    |
| 9   | 3007-392 |     | 1   | ● Screw, Cap                          | 20  | 0423-987 |     | 2   | ● Washer, Lock                     |
| 10  | 3004-447 |     | 1   | ● Washer, Lock                        | 21  | 0423-988 |     | 2   | ● Nut                              |
| 11  | 3003-030 |     | 1   | ● Washer                              | 22  | 0409-081 |     | 1   | Switch, Control - Assembly         |
| 12  | 0409-133 |     | 1   | ● Lever, Throttle                     | 23  | 1411-865 |     | 1   | Decal, Warning - Brake Lever Lock  |



## INSTRUMENT POD ASSEMBLY

0745-865

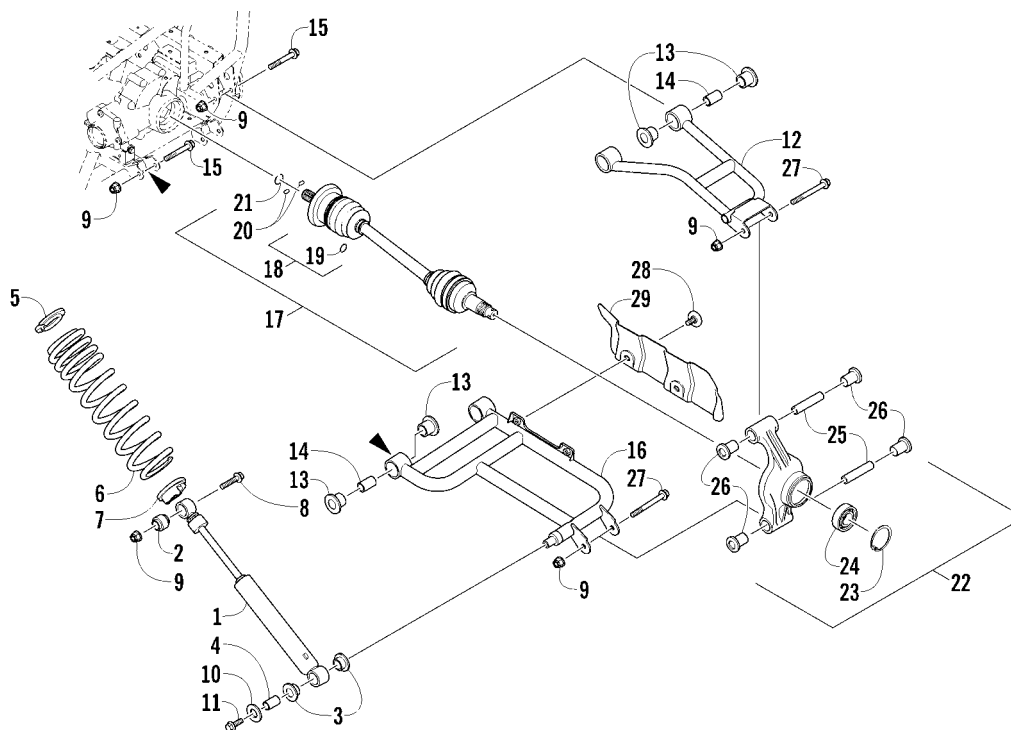
| Ref | Part No. | New | Qty | Description                                 | Ref | Part No. | New | Qty | Description                        |
|-----|----------|-----|-----|---------------------------------------------|-----|----------|-----|-----|------------------------------------|
| 1   | 0430-090 |     | 1   | Switch, Ignition - Assembly (inc. 2-4)      | 6   | 9611-399 | X   | 1   | Decal, 50th Anniversary            |
| 2   | 0430-050 |     | 1   | ● Nut, Retaining                            | 7   | 0641-897 |     | 1   | Outlet, Accessory - 12V            |
| 3   | 0430-042 |     | 1   | ● Key, Ignition (Y Series - Left-Side Cut)  | 8   | 0505-590 |     | 1   | Instrument Pod - Black             |
|     | 0430-043 |     | 1   | ● Key, Ignition (Z Series - Right-Side Cut) | 9   | 0420-065 |     | 1   | Bracket, Retaining                 |
| 4   | 0430-054 |     | 1   | ● Cover, Key                                | 10  | 0423-493 |     | 2   | Nut w/Washer                       |
| 5   | 0520-132 | X   | 1   | Gauge, LCD                                  | 11  | 2506-470 |     | 1   | Bracket, Mounting - Instrument Pod |
|     |          |     |     |                                             | 12  | 0423-535 |     | 2   | Rivet, Reinstallable               |



## FRONT SUSPENSION ASSEMBLY

0745-247

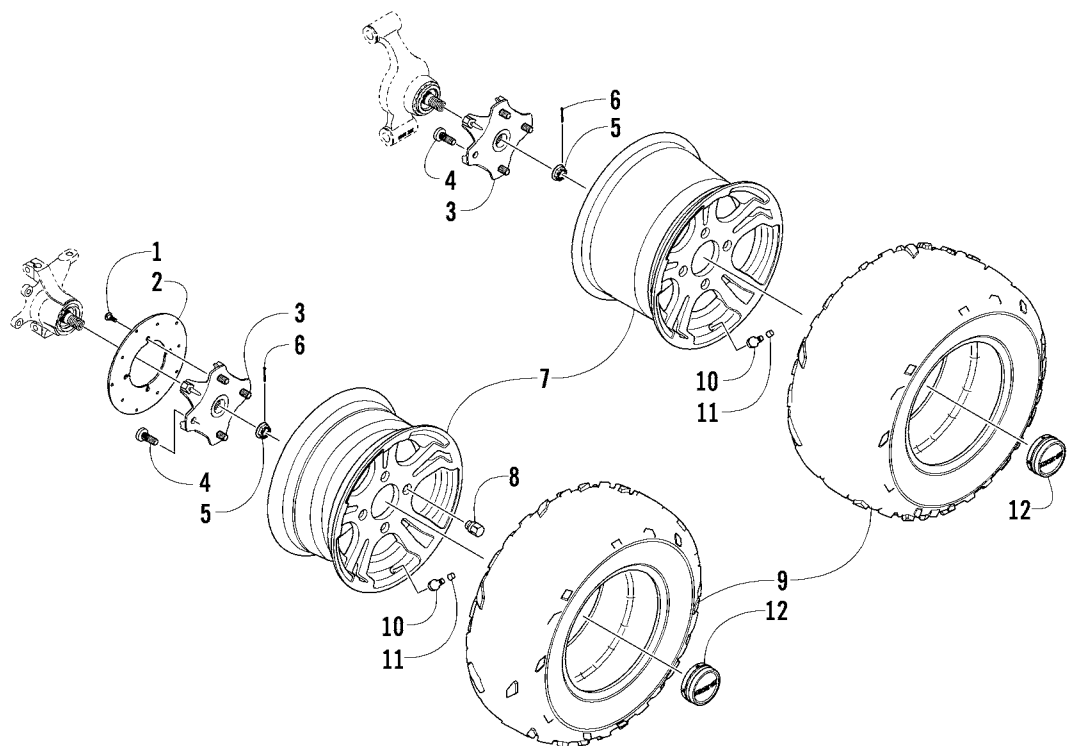
| Ref | Part No. | New | Qty | Description                                               | Ref | Part No. | New | Qty | Description                               |
|-----|----------|-----|-----|-----------------------------------------------------------|-----|----------|-----|-----|-------------------------------------------|
| 1   | 0403-188 |     | 2   | Shock Absorber (inc. 2)                                   | 17  | 0403-208 |     | 8   | ● Bushing                                 |
| 2   | 0403-182 |     | 4   | ● Bushing                                                 | 18  | 0403-214 |     | 4   | ● Axle                                    |
| 3   | 0403-102 |     | 2   | Cam, Spring Adjuster                                      | 19  | 8409-075 |     | 4   | Screw, Cap                                |
| 4   | 0503-468 |     | 2   | Spring, Suspension - White                                | 20  | 1502-806 |     | 1   | Axle, Drive - Right (inc. 21-24)          |
| 5   | 1603-889 |     | 2   | Retainer, Spring                                          |     | 1502-805 |     | 1   | Axle, Drive - Locking - Left (inc. 21-24) |
| 6   | 8409-040 |     | 4   | Screw, Cap                                                | 21  | 1436-410 |     | 2   | ● Repair Kit, Boot (inc. 22)              |
| 7   | 0423-744 |     | 10  | Nut, Lock                                                 | 22  | 1441-988 |     | 2   | ● Clip, Retaining                         |
| 8   | 0503-416 |     | 1   | A-Arm, Upper Right - Black (inc. 9-12)                    | 23  | 1402-885 |     | 4   | ● Pin, Detent                             |
|     | 0503-417 |     | 1   | A-Arm, Upper Left - Black (inc. 9-12)                     | 24  | 1402-889 |     | 2   | ● Clip, Retaining                         |
| 9   | 0403-207 |     | 4   | ● Bushing                                                 | 25  | 0505-578 |     | 1   | Knuckle - Assembly - Right (inc. 26-27)   |
| 10  | 0403-080 |     | 2   | ● Axle                                                    |     | 0505-579 |     | 1   | Knuckle - Assembly - Left (inc. 26-27)    |
| 11  | 0423-009 |     | 4   | ● Ring, Retaining                                         | 26  | 0423-423 |     | 2   | ● Ring, Retaining                         |
| 12  | 0405-115 |     | 4   | ● Ball Joint                                              | 27  | 1402-809 |     | 2   | ● Bearing                                 |
| 13  | 0423-946 |     | 4   | Screw, Self-Tapping                                       | 28  | 0423-998 |     | 4   | Screw, Shoulder                           |
| 14  | 1502-594 |     | 2   | Clamp, Routing                                            | 29  | 1406-034 |     | 1   | Guard, Boot - Right - Black               |
| 15  | 0423-334 |     | 2   | Screw, Cap                                                |     | 1406-035 |     | 1   | Guard, Boot - Left - Black                |
| 16  | 0503-376 |     | 1   | A-Arm, Lower Right - Black (inc. 17-18 and two No. 11-12) | 30  | 0423-545 |     | 4   | Screw, Shoulder                           |
|     | 0503-377 |     | 1   | A-Arm, Lower Left - Black (inc. 17-18 and two No. 11-12)  |     |          |     |     |                                           |



## REAR SUSPENSION ASSEMBLY

0745-252

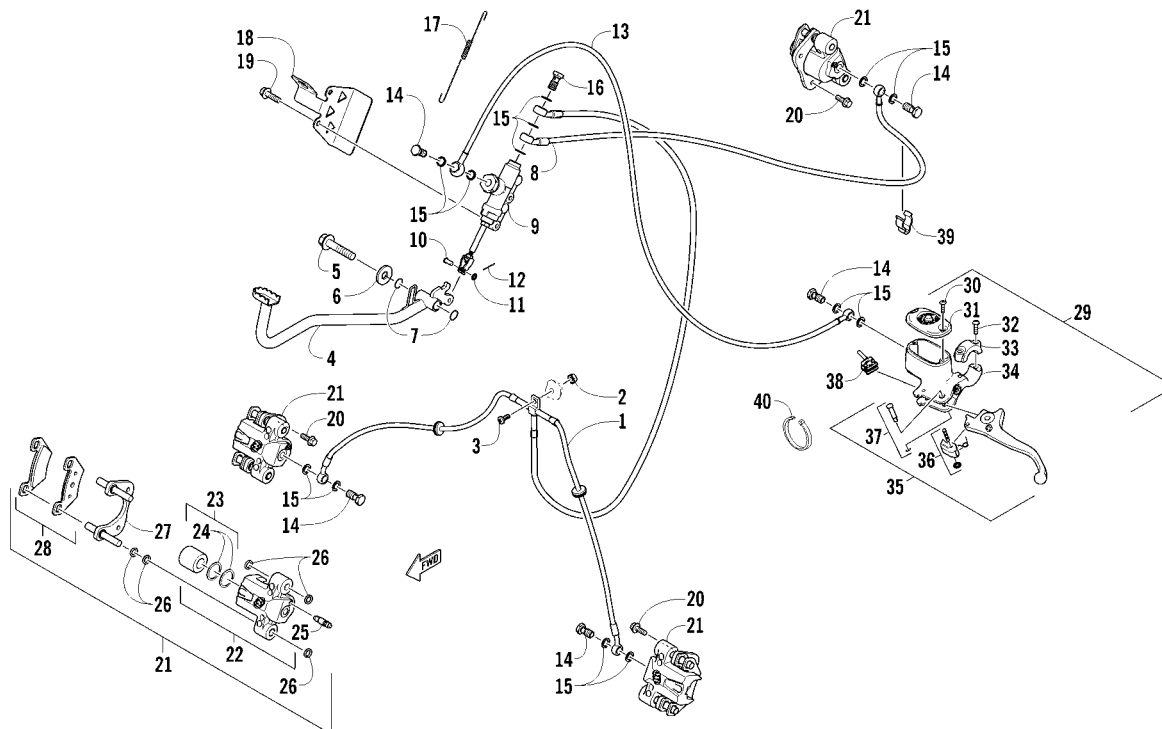
| Ref | Part No. | New | Qty | Description                                    | Ref | Part No. | New | Qty | Description                                    |
|-----|----------|-----|-----|------------------------------------------------|-----|----------|-----|-----|------------------------------------------------|
| 1   | 0404-158 |     | 2   | Shock Absorber (inc. 2-4)                      | 16  | 0504-572 |     | 1   | A-Arm, Rear - Lower Right - Black (inc. 13-14) |
| 2   | 0403-182 |     | 2   | ● Bushing                                      |     | 0504-573 |     | 1   | A-Arm, Rear - Lower Left - Black (inc. 13-14)  |
| 3   | 0603-955 |     | 4   | ● Bushing                                      | 17  | 1502-804 |     | 2   | Axle, Drive (inc. 18-21)                       |
| 4   | 1603-219 |     | 2   | ● Sleeve                                       | 18  | 1436-410 |     | 2   | ● Repair Kit, Boot (inc. 19)                   |
| 5   | 1603-889 |     | 2   | Retainer, Spring                               | 19  | 1441-988 |     | 2   | ● Clip, Retaining                              |
| 6   | 0504-659 | X   | 2   | Spring, Suspension - White                     | 20  | 1402-884 |     | 4   | ● Pin, Detent                                  |
| 7   | 0404-057 |     | 2   | Cam, Spring Adjuster                           | 21  | 1402-890 |     | 2   | ● Clip, Retaining                              |
| 8   | 8409-040 |     | 1   | Screw, Cap - Right                             | 22  | 0504-630 |     | 1   | Knuckle, Right - Assembly (inc. 23-26)         |
| 9   | 8409-050 |     | 1   | Screw, Cap - Left                              |     | 0504-551 |     | 1   | Knuckle, Left - Assembly (inc. 23-26)          |
| 10  | 0423-744 |     | 14  | Nut, Lock                                      | 23  | 0423-423 |     | 2   | ● Ring, Retaining                              |
| 11  | 0423-087 |     | 2   | Washer                                         | 24  | 1402-809 |     | 2   | ● Bearing                                      |
| 12  | 8408-820 |     | 2   | Screw, Cap                                     | 25  | 0403-213 |     | 4   | ● Axle                                         |
|     | 0504-582 |     | 1   | A-Arm, Rear - Upper Right - Black (inc. 13-14) | 26  | 0403-206 |     | 8   | ● Bushing                                      |
|     | 0504-583 |     | 1   | A-Arm, Rear - Upper Left - Black (inc. 13-14)  | 27  | 8409-000 |     | 4   | Screw, Cap                                     |
| 13  | 0403-208 |     | 16  | ● Bushing                                      | 28  | 0423-545 |     | 4   | Screw, Shoulder                                |
| 14  | 0403-214 |     | 8   | ● Axle                                         | 29  | 1406-068 |     | 1   | Guard, Boot - Rear - Right - Black             |
| 15  | 8409-075 |     | 8   | Screw, Cap                                     |     | 1406-069 |     | 1   | Guard, Boot - Rear - Left - Black              |



WHEEL AND TIRE ASSEMBLY

0743-839

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

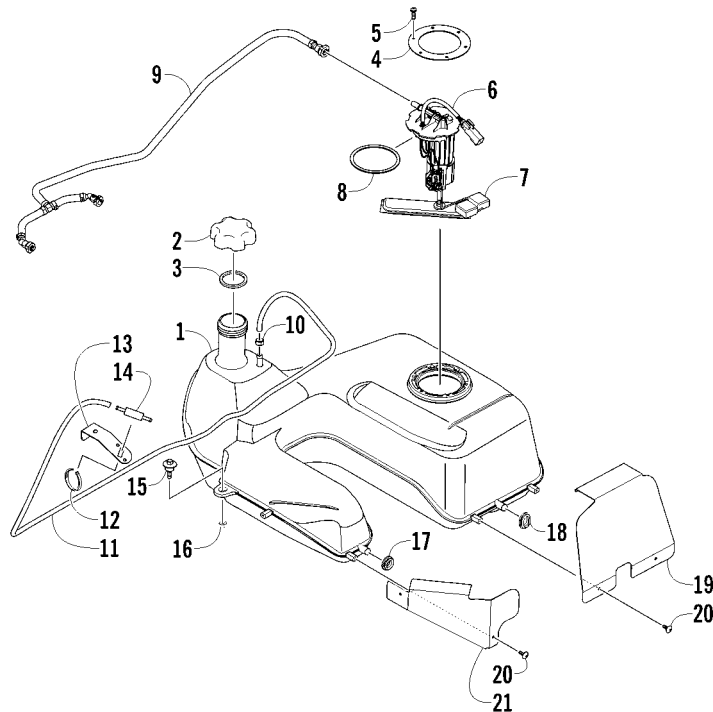


## HYDRAULIC BRAKE ASSEMBLY

0745-015

| 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                                             | 23  | 0502-606 |     | 3   | ●● Piston/Seal Set (inc. 24)                                            |
| 5   | 8408-816 |     | 1   | Screw, Cap                                               | 24  | 0502-607 |     | 3   | ●●● Seal Set                                                            |
| 6   | 8050-252 |     | 1   | Washer                                                   | 25  | 0502-609 |     | 3   | ●● Valve, Bleed                                                         |
| 7   | 1602-213 |     | 2   | O-Ring                                                   | 26  | 0502-608 |     | 3   | ● O-Ring, Guide - Set                                                   |
| 8   | 1402-594 |     | 1   | Hose, Brake                                              | 27  | 0502-605 |     | 3   | ● Bracket Assembly                                                      |
| 9   | 1502-147 |     | 1   | Brake Assembly                                           | 28  | 1436-420 |     | 3   | ● Pad, Brake - Set                                                      |
| 10  | 1402-377 |     | 1   | Pin, Clevis                                              | 29  | 0502-914 |     | 1   | Brake Assembly (inc. 30-38)                                             |
| 11  | 8050-217 |     | 1   | Washer                                                   | 30  | 0502-566 |     | 1   | ● Screw, Machine - Kit                                                  |
| 12  | 0117-868 |     | 1   | Pin, Cotter                                              | 31  | 0502-868 |     | 1   | ● Cover, Reservoir                                                      |
| 13  | 1402-592 |     | 1   | Hose, Brake                                              | 32  | 0502-568 |     | 1   | ● Screw, Machine - Kit                                                  |
| 14  | 0423-413 |     | 5   | Bolt, Banjo-Fitting                                      | 33  | 0502-869 |     | 1   | ● Clamp, Master Cylinder                                                |
| 15  | 0423-178 |     | 13  | Washer, Crush                                            | 34  | 0502-704 |     | 1   | ● Master Cylinder Assembly                                              |
| 16  | 0423-610 |     | 1   | Bolt, Banjo-Fitting - Double                             | 35  | 0502-866 |     | 1   | ● Lever Assembly - Kit (inc. 36-37)                                     |
| 17  | 0502-785 |     | 1   | Spring, Brake Switch                                     | 36  | 0502-867 |     | 1   | ●● Lock, Brake Lever - Kit                                              |
| 18  | 1502-164 |     | 1   | Bracket, Switch                                          | 37  | 0502-580 |     | 1   | ●● Lever Pin - Kit                                                      |
| 19  | 8408-625 |     | 2   | Screw, Cap                                               | 38  | 0502-564 |     | 1   | ● Switch, Brake                                                         |
| 20  | 8408-821 |     | 6   | Screw, Cap                                               | 39  | 1502-115 |     | 2   | Clip, Brake Hose                                                        |
| 21  | 1436-422 |     | 1   | Caliper, Brake - Right Front (inc. two No. 20 and 22-28) | 40  | 0123-788 |     | AR  | Tie, Cable - 8 in.                                                      |
|     | 1436-423 |     | 1   | Caliper, Brake - Left Front (inc. two No. 20 and 22-28)  |     |          |     |     |                                                                         |
|     | 1436-423 |     | 1   | Caliper, Brake - Rear (inc. two No. 20 and 22-28)        |     |          |     |     |                                                                         |

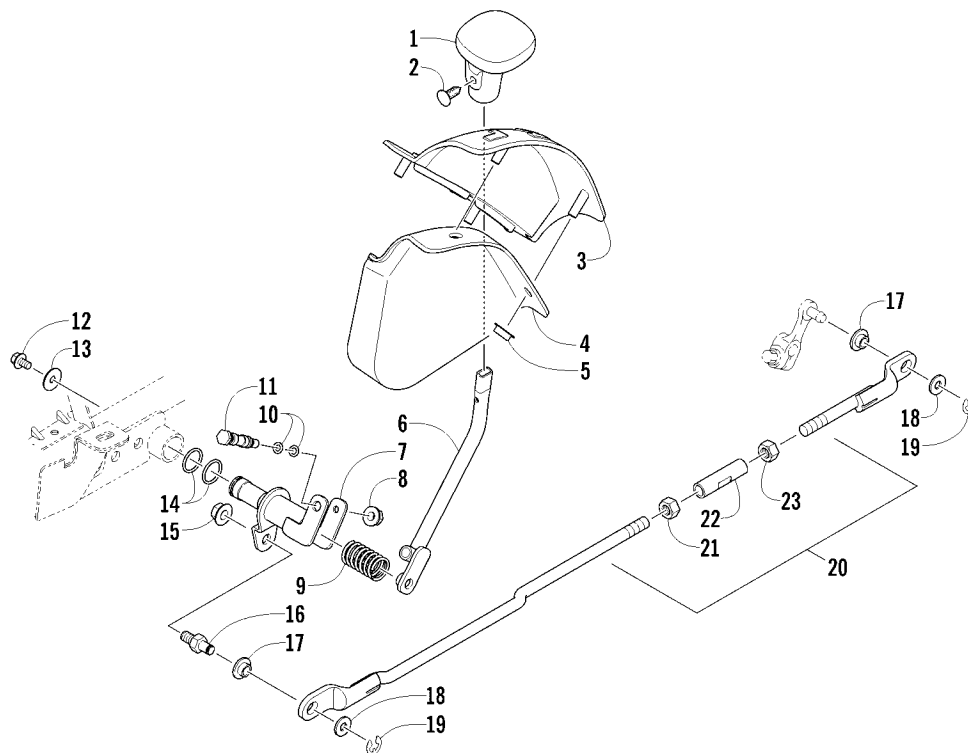
14



## GAS TANK ASSEMBLY

0745-700

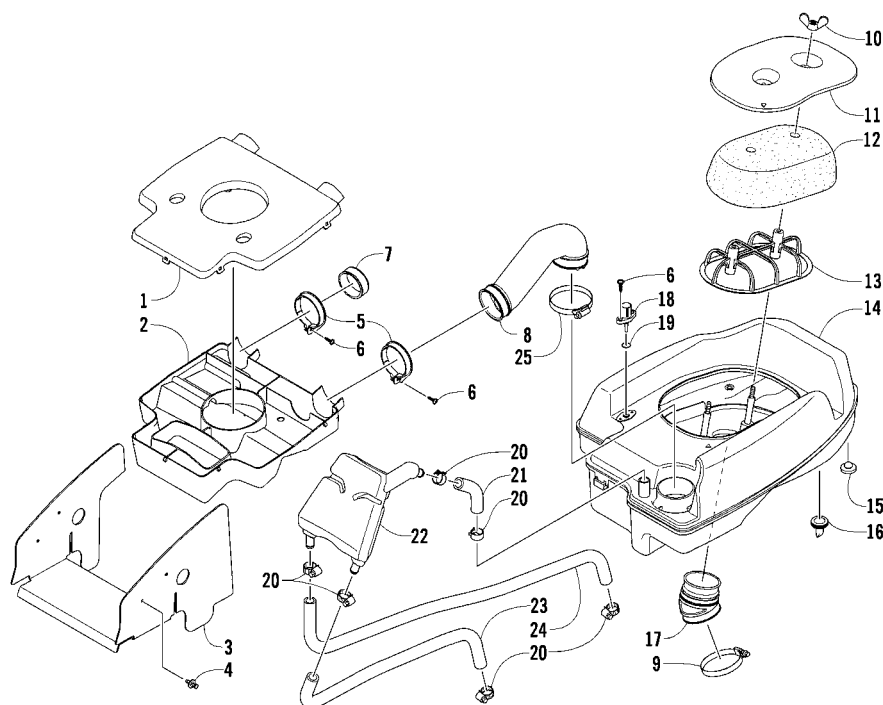
| Ref | Part No. | New | Qty | Description                      | Ref | Part No. | New | Qty | Description                     |
|-----|----------|-----|-----|----------------------------------|-----|----------|-----|-----|---------------------------------|
| 1   | 0570-307 |     | 1   | Tank, Gas - Assembly (inc. 2-5)  | 12  | 0123-788 | AR  |     | Tie, Cable - 8 in.              |
| 2   | 0470-438 |     | 1   | ● Cap, Gas Tank (inc. 3)         | 13  | 0470-827 |     | 1   | Bracket, Filter Mounting        |
| 3   | 0109-733 |     | 1   | ●● Gasket, Gas Tank Cap          | 14  | 0510-335 |     | 1   | Filter, In-Line                 |
| 4   | 2670-042 |     | 1   | ● Plate, Retaining               | 15  | 0423-732 |     | 2   | Screw, Shoulder                 |
| 5   | 0423-898 |     | 6   | ● Screw, Self-Tapping            | 16  | 0623-038 |     | 1   | Nut w/Washer                    |
| 6   | 0570-322 |     | 1   | Pump, Fuel - Assembly (inc. 7-8) | 17  | 0423-460 |     | 1   | Grommet                         |
| 7   | 2670-235 |     | 1   | ● Float                          | 18  | 0423-806 |     | 1   | Grommet                         |
| 8   | 0470-838 |     | 1   | ● Seal                           | 19  | 0470-710 |     | 1   | Shield, Heat - Gas Tank - Rear  |
| 9   | 0570-278 |     | 1   | Hose, Fuel - Assembly            | 20  | 0623-797 |     | 4   | Screw, Self-Tapping             |
| 10  | 0423-688 |     | 1   | Clamp, Hose                      | 21  | 0470-709 |     | 1   | Shield, Heat - Gas Tank - Front |
| 11  | 0410-070 | AR  |     | Hose, Gasline - 25 ft            |     |          |     |     |                                 |



## SHIFT LEVER ASSEMBLY

0745-046

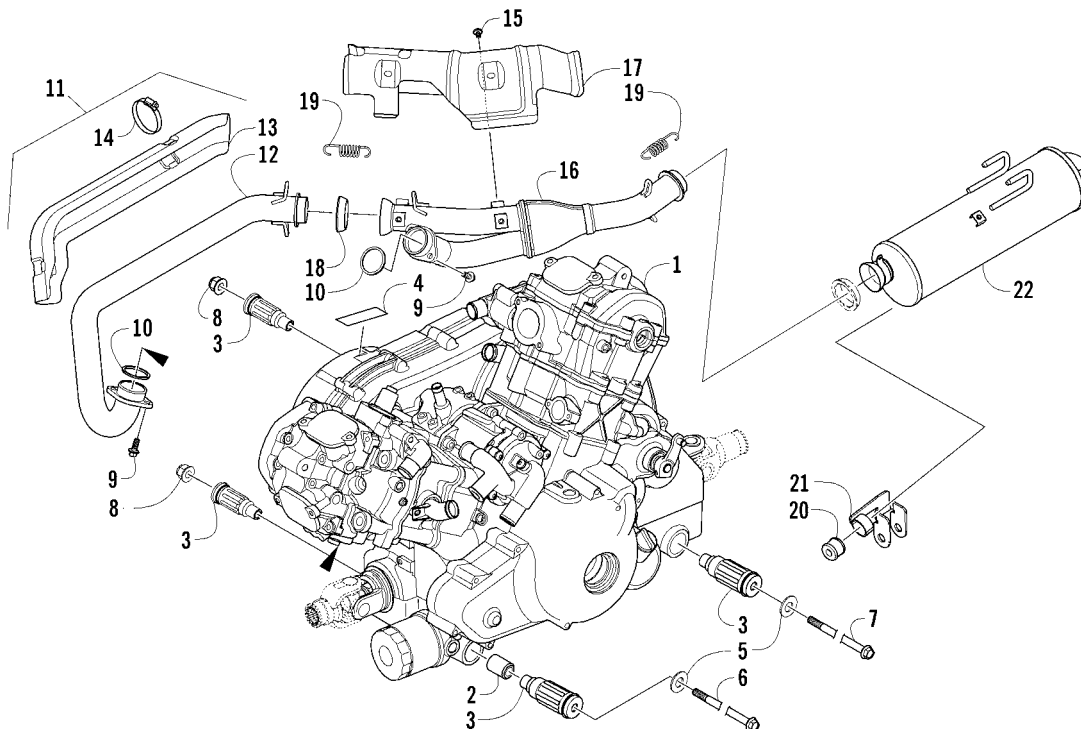
| Ref | Part No. | New | Qty | Description           | Ref | Part No. | New | Qty | Description                            |
|-----|----------|-----|-----|-----------------------|-----|----------|-----|-----|----------------------------------------|
| 1   | 0402-843 |     | 1   | Knob, Shift           | 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

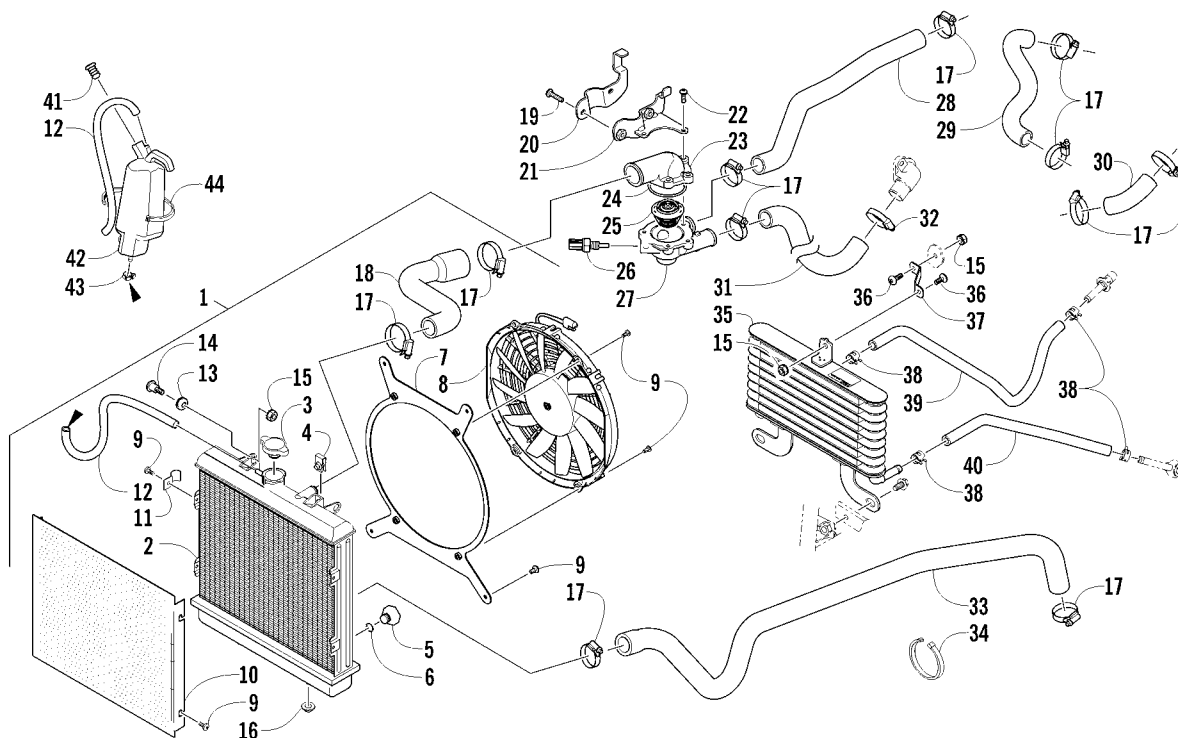
| Ref | Part No. | New | Qty | Description                | Ref | Part No. | New | Qty | Description                       |
|-----|----------|-----|-----|----------------------------|-----|----------|-----|-----|-----------------------------------|
| 1   | 0413-091 |     | 1   | Diverter, Air - Top        | 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  | 0470-858 |     | 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 |     | 1   | Hose, Separator Tank              |
| 9   | 0423-019 |     | 1   | Clamp                      | 22  | 0470-718 |     | 1   | Tank, Separator                   |
| 10  | 0423-716 |     | 2   | Wing Nut                   | 23  | 0410-196 |     | 1   | Hose, Crankcase                   |
| 11  | 0470-832 |     | 1   | Cover, Air Intake          | 24  | 0410-208 |     | 1   | Hose, Crankcase                   |
| 12  | 0470-828 |     | 1   | Filter, Air                | 25  | 0423-066 |     | 1   | Clamp, Hose                       |
| 13  | 0470-731 |     | 1   | Support, Air Filter        |     |          |     |     |                                   |



## ENGINE AND EXHAUST

0746-512

| Ref | Part No. | New | Qty | Description                           | Ref | Part No. | New | Qty | Description                                       |
|-----|----------|-----|-----|---------------------------------------|-----|----------|-----|-----|---------------------------------------------------|
| 1   | 0800-097 |     | 1   | Engine, A950H (inc. 2-3)              | 13  | 0412-400 |     | 1   | ● Shield, Exhaust Pipe                            |
| 2   | 0801-128 |     | 1   | ● Spacer, Engine Mount                | 14  | 0423-317 |     | 2   | ● Clamp                                           |
| 3   | 0801-091 |     | 4   | ● Mount, Engine                       | 15  | 8477-610 |     | 4   | Screw, Machine                                    |
| 4   | 0411-426 |     | 1   | Decal, Warning - Clutch Cover         | 16  | 0512-477 |     | 1   | Pipe, Exhaust - Rear                              |
| 5   | 0423-426 |     | 2   | Washer                                | 17  | 0412-403 |     | 1   | Shield, Exhaust Pipe - Rear                       |
| 6   | 0423-734 |     | 1   | Screw, Cap                            | 18  | 0412-375 |     | 1   | Seal, Exhaust Pipe                                |
| 7   | 0423-451 |     | 1   | Screw, Cap                            | 19  | 0612-668 |     | 4   | Spring, Extension                                 |
| 8   | 8428-002 |     | 2   | Nut, Lock                             | 20  | 0412-577 | X   | 3   | Bushing                                           |
| 9   | 8408-820 |     | 4   | Screw, Cap                            | 21  | 2506-631 |     | 1   | Channel, Muffler Support                          |
| 10  | 0412-338 |     | 2   | Gasket, Exhaust Pipe                  | 22  | —        |     | 1   | Muffler - Assembly -<br>Not Serviced Individually |
| 11  | 0512-433 |     | 1   | Pipe, Exhaust - Assembly (inc. 12-14) |     |          |     |     |                                                   |
| 12  | 0512-349 |     | 1   | ● Pipe, Exhaust                       |     |          |     |     |                                                   |

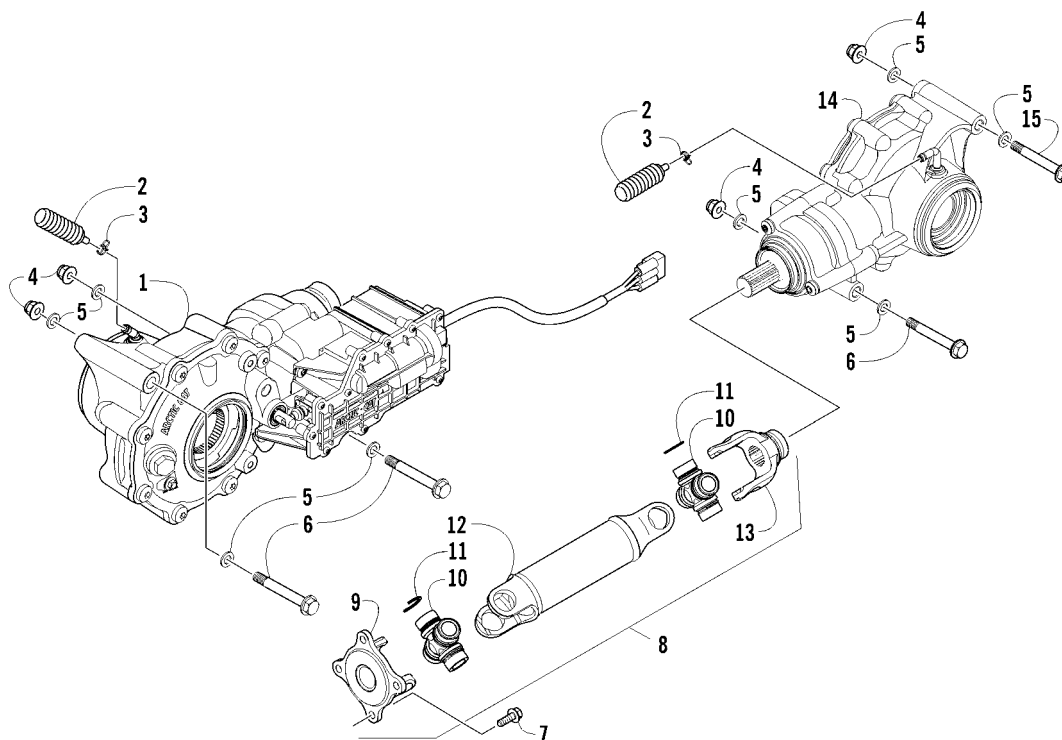


## COOLING ASSEMBLY

0745-701

| Ref | Part No. | New | Qty | Description                                 | Ref | Part No. | New | Qty | Description                            |
|-----|----------|-----|-----|---------------------------------------------|-----|----------|-----|-----|----------------------------------------|
| 1   | 0413-258 |     | 1   | Radiator Assembly (inc. 2-13)               | 23  | 0808-092 |     | 1   | Cover, Thermostat                      |
| 2   | 0413-216 |     | 1   | ● Radiator                                  | 24  | 0830-173 |     | 1   | O-Ring                                 |
| 3   | 0413-255 |     | 1   | ● Cap, Radiator                             | 25  | 0808-093 |     | 1   | Thermostat                             |
| 4   | 1623-637 |     | 4   | ● Clip, U-Nut                               | 26  | 0808-124 |     | 1   | Sensor, Engine Coolant Temperature     |
| 5   | 0413-195 |     | 1   | ● Plug, Drain                               | 27  | 0808-189 |     | 1   | Housing, Thermostat                    |
| 6   | 1602-213 |     | 1   | ● O-Ring                                    | 28  | 0410-195 |     | 1   | Hose, Coolant - No. 2                  |
| 7   | 0413-217 |     | 1   | ● Bracket, Mounting - Fan                   | 29  | 0410-116 |     | 1   | Hose, Coolant                          |
| 8   | 0413-123 |     | 1   | ● Fan, Cooling                              | 30  | 0410-115 |     | 1   | Hose, Coolant - Crossover              |
| 9   | 8470-510 |     | 12  | ● Screw, Machine                            | 31  | 0410-233 | X   | 1   | Hose, Coolant - No. 1                  |
| 10  | 0413-214 |     | 1   | ● Screen, Radiator                          | 32  | 1623-093 |     | 1   | Clamp, Hose                            |
| 11  | 0423-351 |     | 1   | ● Clamp, Wire                               | 33  | 0410-229 | X   | 1   | Hose, Coolant - Lower                  |
| 12  | 0610-011 | AR  |     | ● Hose - 25 ft                              | 34  | 0623-751 | AR  |     | Tie, Cable - 11.5 in.                  |
| 13  | 0423-030 |     | 2   | ● Grommet                                   | 35  | 0413-211 |     | 1   | Cooler, Oil                            |
| 14  | 0423-484 |     | 2   | Screw, Shoulder                             | 36  | 8476-612 |     | 2   | Screw, Machine                         |
| 15  | 0623-038 |     | 4   | Nut w/Washer                                | 37  | 0513-022 |     | 1   | Bracket, Mounting - Oil Cooler - Upper |
| 16  | 0423-028 |     | 2   | Bushing, Stem                               | 38  | 0423-632 |     | 4   | Clamp, Hose                            |
| 17  | 0423-496 |     | 11  | Clamp, Hose                                 | 39  | 0410-149 |     | 1   | Hose, Oil Cooler - In                  |
| 18  | 0410-232 | X   | 1   | Hose, Coolant - Radiator/Thermostat - Upper | 40  | 0410-219 |     | 1   | Hose, Oil Cooler - Out                 |
| 19  | 8476-616 |     | 2   | Screw, Machine                              | 41  | 0413-087 |     | 1   | Plug                                   |
| 20  | 0413-290 | X   | 1   | Plate, Backing                              | 42  | 0413-086 |     | 1   | Bottle, Overflow                       |
| 21  | 0513-045 | X   | 1   | Bracket, Mounting - Thermostat              | 43  | 0124-045 |     | 1   | Clamp, Hose                            |
| 22  | 8470-520 |     | 4   | Screw, Machine                              | 44  | 0623-316 | AR  |     | Tie, Cable - 14 in.                    |

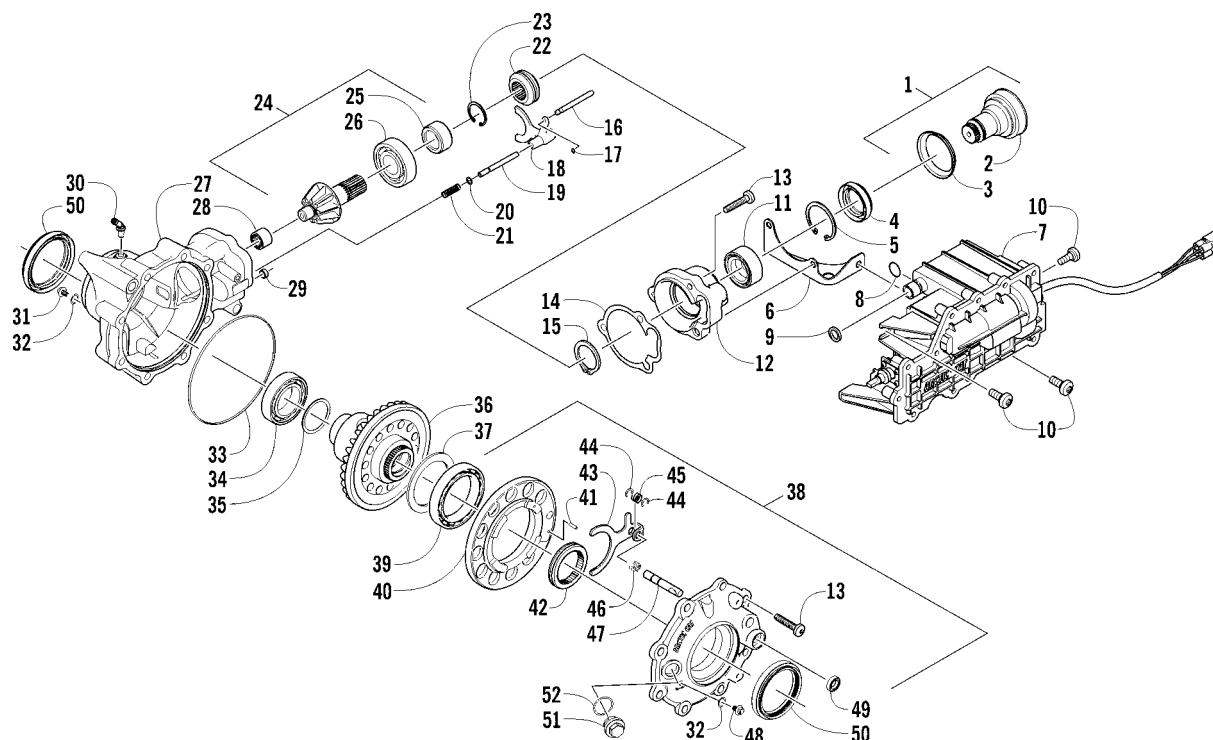
20



## DRIVE TRAIN ASSEMBLY

0746-188

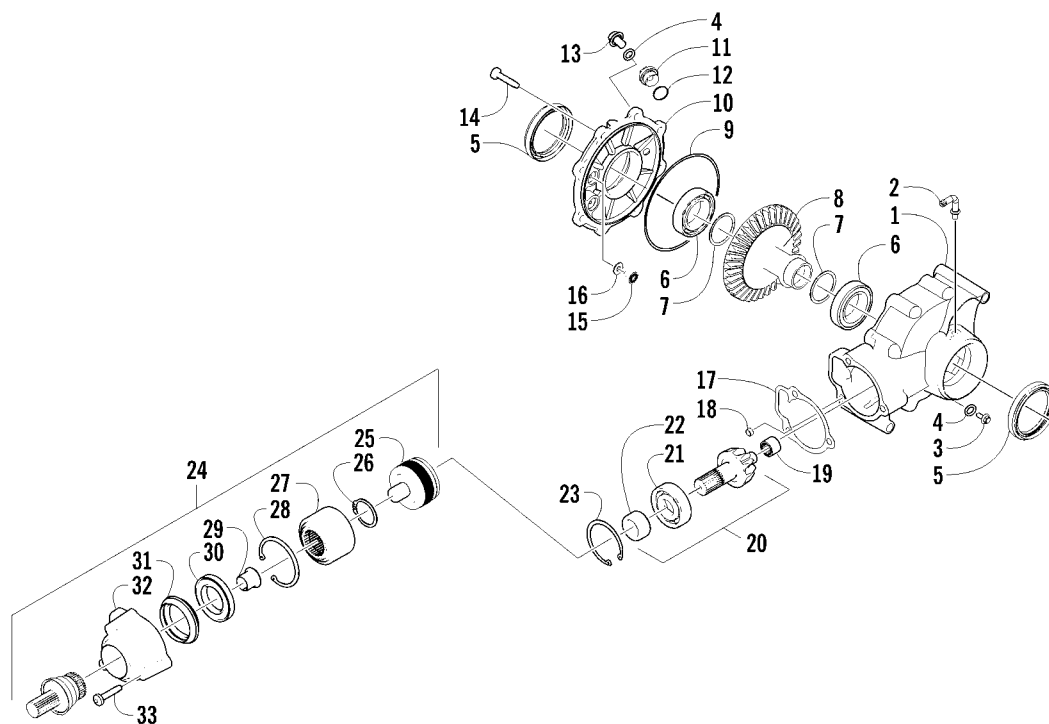
| Ref | Part No. | New | Qty | Description                             | Ref | Part No. | New | Qty | Description                  |
|-----|----------|-----|-----|-----------------------------------------|-----|----------|-----|-----|------------------------------|
| 1   | 1502-882 | X   | 1   | Gearcase, Front                         | 9   | 1402-689 |     | 1   | ● Yoke, Flange               |
| 2   | 1402-620 |     | 2   | Bladder, Gearcase                       | 10  | 0402-944 |     | 2   | ● Joint, Universal (inc. 11) |
| 3   | 0423-315 |     | 2   | Clamp, Hose                             | 11  | 0423-395 |     | 8   | ●● Ring, Retaining           |
| 4   | 8428-002 |     | 4   | Nut, Lock                               | 12  | 1502-099 |     | 1   | ● Driveshaft, Rear           |
| 5   | 0423-426 |     | 8   | Washer                                  | 13  | 1402-567 |     | 1   | ● Yoke, Slip                 |
| 6   | 0423-404 |     | 3   | Screw, Cap                              | 14  | 1502-883 | X   | 1   | Gearcase, Rear               |
| 7   | 8408-820 |     | 4   | Screw, Cap                              | 15  | 0423-830 |     | 1   | Screw, Cap                   |
| 8   | 1502-098 |     | 1   | Driveshaft, Rear - Assembly (inc. 9-13) |     |          |     |     |                              |



## FRONT DRIVE GEARCASE ASSEMBLY

0746-189

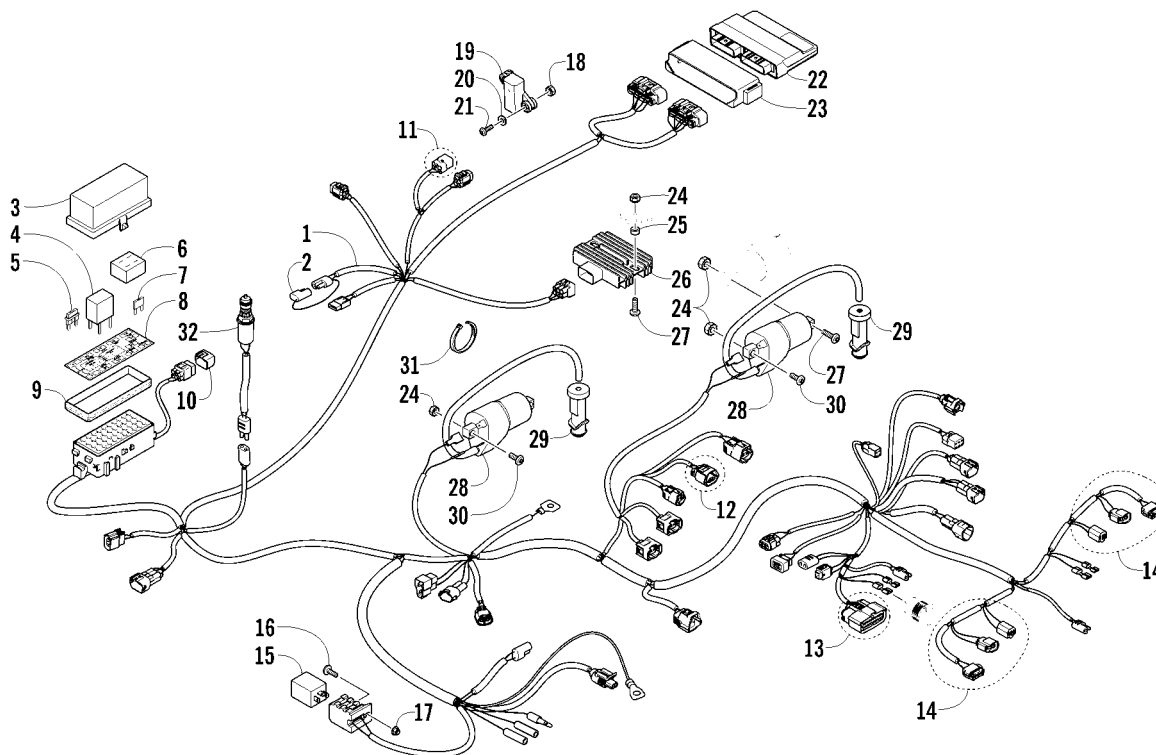
| Ref | Part No. | New | Qty | Description                                | Ref | Part No. | New | Qty | Description                                              |
|-----|----------|-----|-----|--------------------------------------------|-----|----------|-----|-----|----------------------------------------------------------|
| —   | 1502-882 | X   | 1   | Complete Front Drive Gearcase Assembly     | 30  | 1402-980 | X   | 1   | Fitting, Elbow                                           |
| 1   | 0502-923 |     | 1   | Shaft, Propeller - Assembly (inc. 2-3)     | 31  | 1402-210 |     | 1   | Plug, Magnetic (inc. one No. 32)                         |
| 2   | 1402-438 |     | 1   | ● Shaft, Input                             | 32  | 0423-153 |     | 2   | ● O-Ring                                                 |
| 3   | 1402-168 |     | 1   | ● Deflector                                | 33  | 0423-149 |     | 1   | O-Ring                                                   |
| 4   | 1402-011 |     | 1   | Seal                                       | 34  | 0402-393 |     | 1   | Bearing                                                  |
| 5   | 0423-423 |     | 1   | Ring, Retaining                            | 35  | 0402-405 |     | AR  | Shim, 41 x 49 x 1.3 mm                                   |
| 6   | 1502-237 |     | 1   | Bracket, Actuator                          |     | 0402-406 |     | AR  | Shim, 41 x 49 x 1.4 mm                                   |
| 7   | 1502-909 | X   | 1   | Actuator (inc. 8)                          |     | 0402-407 |     | AR  | Shim, 41 x 49 x 1.5 mm                                   |
| 8   | 1402-981 |     | 1   | ● O-Ring                                   |     | 0402-408 |     | AR  | Shim, 41 x 49 x 1.6 mm                                   |
| 9   | 0423-892 |     | 1   | O-Ring                                     |     | 0402-409 |     | AR  | Shim, 41 x 49 x 1.7 mm                                   |
| 10  | 0423-396 |     | 3   | Screw, Self-Tapping                        | 36  | 1502-859 | X   | 1   | Gear, Ring - 34T                                         |
| 11  | 1402-043 |     | 1   | Bearing                                    | 37  | 1402-074 |     | AR  | Shim, 61 x 69 x 1.3 mm                                   |
| 12  | 0502-528 |     | 1   | Housing, Pinion                            |     | 1402-075 |     | AR  | Shim, 61 x 69 x 1.4 mm                                   |
| 13  | 0423-118 |     | 11  | Screw, Self-Tapping                        |     | 1402-076 |     | AR  | Shim, 61 x 69 x 1.5 mm                                   |
| 14  | 0402-947 |     | 1   | Gasket                                     |     | 1402-077 |     | AR  | Shim, 61 x 69 x 1.6 mm                                   |
| 15  | 0423-417 |     | 1   | Ring, Retaining                            |     | 1402-078 |     | AR  | Shim, 61 x 69 x 1.7 mm                                   |
| 16  | 0402-997 |     | 1   | Shaft, Selector                            | 38  | 1502-895 | X   | 1   | Cover, Gearcase (inc. one No. 32, 39-49, and one No. 50) |
| 17  | 0423-402 |     | 1   | Ring, Retaining                            | 39  | 1402-053 |     | 1   | ● Bearing                                                |
| 18  | 0402-998 |     | 1   | Fork, Selector                             | 40  | 0502-413 |     | 1   | ● Flange, Bearing                                        |
| 19  | 0402-417 |     | 1   | Shaft, Shuttle                             | 41  | 1402-079 |     | 1   | ● Pin, Alignment                                         |
| 20  | 0423-147 |     | 1   | O-Ring                                     | 42  | 1402-042 |     | 1   | ● Collar, Sliding                                        |
| 21  | 0402-999 |     | 1   | Spring, Return                             | 43  | 1402-054 |     | 1   | ● Fork                                                   |
| 22  | 0402-413 |     | 1   | Coupler, Drive                             | 44  | 1402-058 |     | 2   | ● Ring, Retaining                                        |
| 23  | 1423-067 | X   | 1   | Ring, Retaining                            | 45  | 1402-057 |     | 1   | ● Spring                                                 |
| 24  | 1502-851 | X   | 1   | Gear, Pinion - Assembly - 11T (inc. 25-26) | 46  | 1402-063 |     | 1   | ● Spring                                                 |
| 25  | 1402-977 | X   | 1   | ● Collar, Retaining                        | 47  | 1402-656 |     | 1   | ● Shaft, Lock                                            |
| 26  | 0402-327 |     | 1   | ● Bearing                                  | 48  | 1402-211 |     | 1   | ● Plug, Oil Level (inc. one No. 32)                      |
| 27  | 1502-856 | X   | 1   | Housing, Gearcase                          | 49  | 1402-056 |     | 1   | ● Seal                                                   |
| 28  | 0402-328 |     | 1   | Bearing                                    | 50  | 1402-950 |     | 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

0746-191

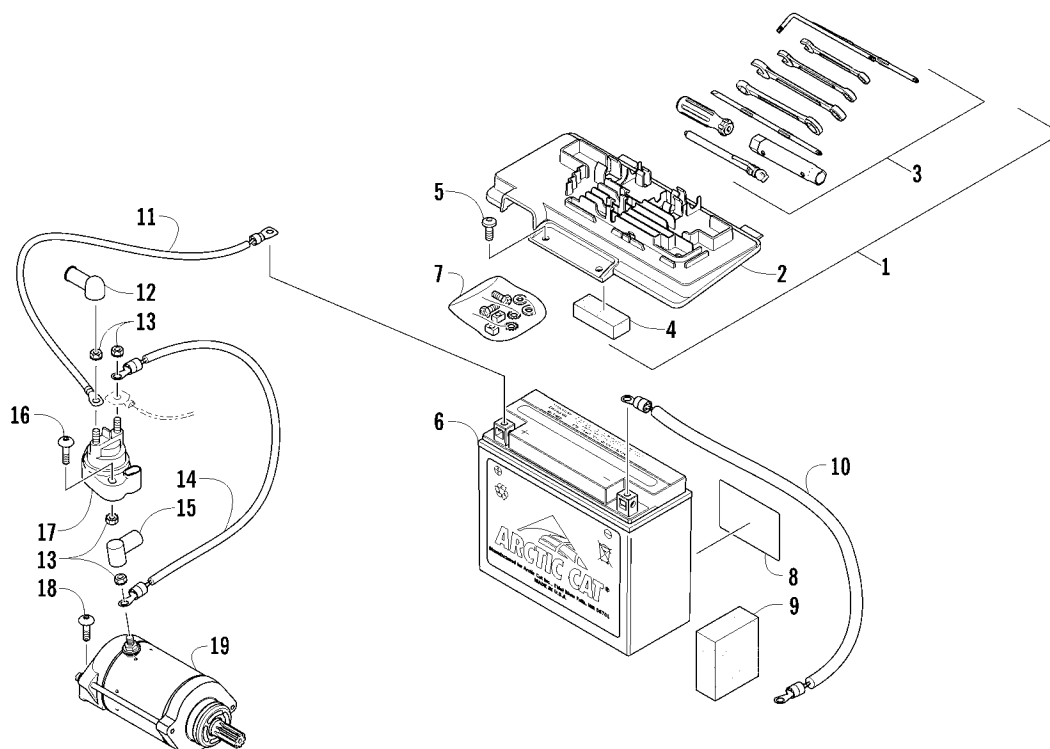
| Ref | Part No. | New | Qty | Description                           | Ref | Part No. | New | Qty | Description                                |
|-----|----------|-----|-----|---------------------------------------|-----|----------|-----|-----|--------------------------------------------|
| —   | 1502-883 | X   | 1   | Complete Rear Drive Gearcase Assembly | 17  | 0402-947 |     | 1   | Gasket                                     |
| 1   | 1502-896 | X   | 1   | Housing, Gearcase                     | 18  | 0402-411 |     | 1   | Pin, Dowel                                 |
| 2   | 1402-442 |     | 1   | Fitting, Elbow                        | 19  | 0402-328 |     | 1   | Bearing                                    |
| 3   | 0402-450 |     | 1   | Plug, Magnetic (inc. one No. 4)       | 20  | 1502-851 | X   | 1   | Gear, Pinion - Assembly - 11T (inc. 21-22) |
| 4   | 0423-153 |     | 2   | ● O-Ring                              | 21  | 0402-327 |     | 1   | ● Bearing                                  |
| 5   | 1402-950 |     | 2   | Seal                                  | 22  | 1402-977 | X   | 1   | ● Collar, Retaining                        |
| 6   | 0402-393 |     | 2   | Bearing                               | 23  | 1423-067 | X   | 1   | Ring, Retaining                            |
| 7   | 0402-405 | AR  |     | Shim, 41 x 49 x 1.3 mm                | 24  | 1502-655 |     | 1   | Shaft, Input (inc. 25-32)                  |
|     | 0402-406 | AR  |     | Shim, 41 x 49 x 1.4 mm                | 25  | 1502-564 |     | 1   | ● Cartridge, Clutch - Assembly             |
|     | 0402-407 | AR  |     | Shim, 41 x 49 x 1.5 mm                | 26  | 0423-799 |     | 1   | ● Ring, Retaining - External               |
|     | 0402-408 | AR  |     | Shim, 41 x 49 x 1.6 mm                | 27  | 1402-682 |     | 1   | ● Basket, Clutch                           |
|     | 0402-409 | AR  |     | Shim, 41 x 49 x 1.7 mm                | 28  | 0423-798 |     | 1   | ● Ring, Retaining - Internal               |
| 8   | 1402-033 |     | 1   | Gear, Ring - 34T                      | 29  | 1402-678 |     | 1   | ● Bearing, Flange                          |
| 9   | 0423-149 |     | 1   | O-Ring                                | 30  | 1402-677 |     | 1   | ● Bearing                                  |
| 10  | 1502-897 | X   | 1   | Cover, Gearcase                       | 31  | 1402-687 |     | 1   | ● Seal                                     |
| 11  | 0402-333 |     | 1   | Plug, Fill (inc. 12)                  | 32  | 1502-285 |     | 1   | ● Housing, Input                           |
| 12  | 0423-154 |     | 1   | ● O-Ring                              | 33  | 0423-834 |     | 3   | Screw, Self-Tapping                        |
| 13  | 1402-211 |     | 1   | Plug, Oil Level (inc. one No. 4)      |     |          |     |     |                                            |
| 14  | 0423-118 |     | 8   | Screw, Self-Tapping                   |     |          |     |     |                                            |
| 15  | 0402-326 |     | 1   | Button, Thrust                        |     |          |     |     |                                            |
| 16  | 0402-429 | AR  |     | Shim, 6.3 x 18 x 1.3 mm               |     |          |     |     |                                            |
|     | 0402-430 | AR  |     | Shim, 6.3 x 18 x 1.4 mm               |     |          |     |     |                                            |
|     | 0402-431 | AR  |     | Shim, 6.3 x 18 x 1.5 mm               |     |          |     |     |                                            |
|     | 0402-432 | AR  |     | Shim, 6.3 x 18 x 1.6 mm               |     |          |     |     |                                            |
|     | 0402-433 | AR  |     | Shim, 6.3 x 18 x 1.7 mm               |     |          |     |     |                                            |



## WIRING HARNESS ASSEMBLY

0745-703

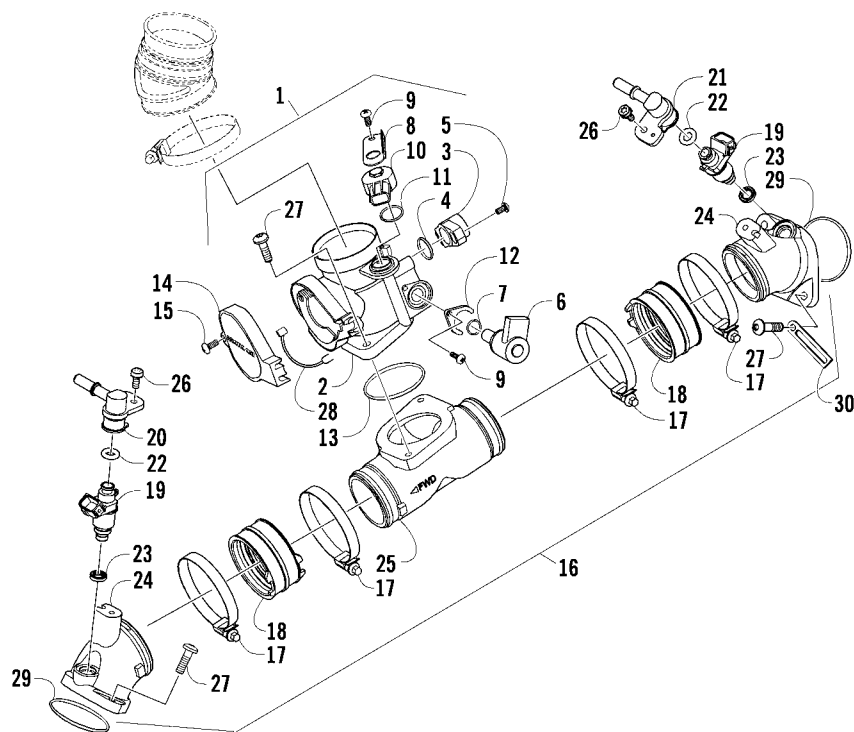
| Ref | Part No. | New | Qty | Description                                            | Ref | Part No. | New | Qty | Description               |
|-----|----------|-----|-----|--------------------------------------------------------|-----|----------|-----|-----|---------------------------|
| 1   | 0486-373 |     | 1   | Harness, Main (inc. 2-10)                              | 16  | 8476-516 |     | 1   | Screw, Machine            |
| 2   | 0486-164 |     | 1   | ● Tether, Accessory Connector                          | 17  | 8427-502 |     | 1   | Nut, Lock                 |
| 3   | 0430-085 |     | 1   | ● Cover, Fuse Block                                    | 18  | 0423-493 |     | 2   | Nut w/Washer              |
| 4   | 0430-045 |     | 6   | ● Relay (4-Pin) - 20 Amp                               | 19  | 0409-064 |     | 1   | Sensor, Tilt              |
| 5   | 0430-034 |     | 2   | ● Diode                                                | 20  | 0123-802 |     | 2   | Washer                    |
| 6   | 0430-037 |     | 1   | ● Holder, Fuse                                         | 21  | 8468-425 |     | 2   | Screw, Machine            |
| 7   | 0430-032 |     | 5   | ● Fuse - 10 Amp                                        | 22  | 0530-033 |     | 1   | ECU                       |
|     | 0430-031 |     | 4   | ● Fuse - 15 Amp                                        | 23  | 0430-059 |     | 1   | Cushion, ECU              |
|     | 0430-030 |     | 3   | ● Fuse - 30 Amp                                        | 24  | 0623-038 |     | 5   | Nut w/Washer              |
| 8   | 2411-213 |     | 1   | ● Decal, Fuse Block                                    | 25  | 0423-036 |     | 2   | Spacer                    |
| 9   | 0430-086 |     | 1   | ● Seal                                                 | 26  | 0824-037 |     | 1   | Regulator, Voltage        |
| 10  | 0430-097 |     | 1   | ● Cover, Diagnostics Connector                         | 27  | 8476-630 |     | 3   | Screw, Machine            |
| 11  | 1436-416 |     | 1   | Repair Kit, Connector - Tilt Sensor                    | 28  | 0824-043 |     | 2   | Coil, Ignition - Assembly |
| 12  | 1436-417 |     | 1   | Repair Kit, Connector - Idle Speed Control             | 29  | 0824-049 |     | 2   | Cap, Spark Plug           |
| 13  | 1436-415 |     | 1   | Repair Kit, Connector - LCD Gauge                      | 30  | 8476-620 |     | 2   | Screw, Machine            |
| 14  | 1436-424 | AR  |     | Repair Kit, Connector - Headlight/Turn Signal/Position | 31  | 0123-788 |     | AR  | Tie, Cable - 8 in.        |
|     |          |     |     |                                                        |     | 0123-903 |     | AR  | Tie, Cable - 11.5 in.     |
| 15  | 0430-049 |     | 1   | Control, Turn Signal                                   | 32  | 0409-089 |     | 1   | Switch, Brake - Assembly  |



## BATTERY AND STARTER ASSEMBLY

0745-641

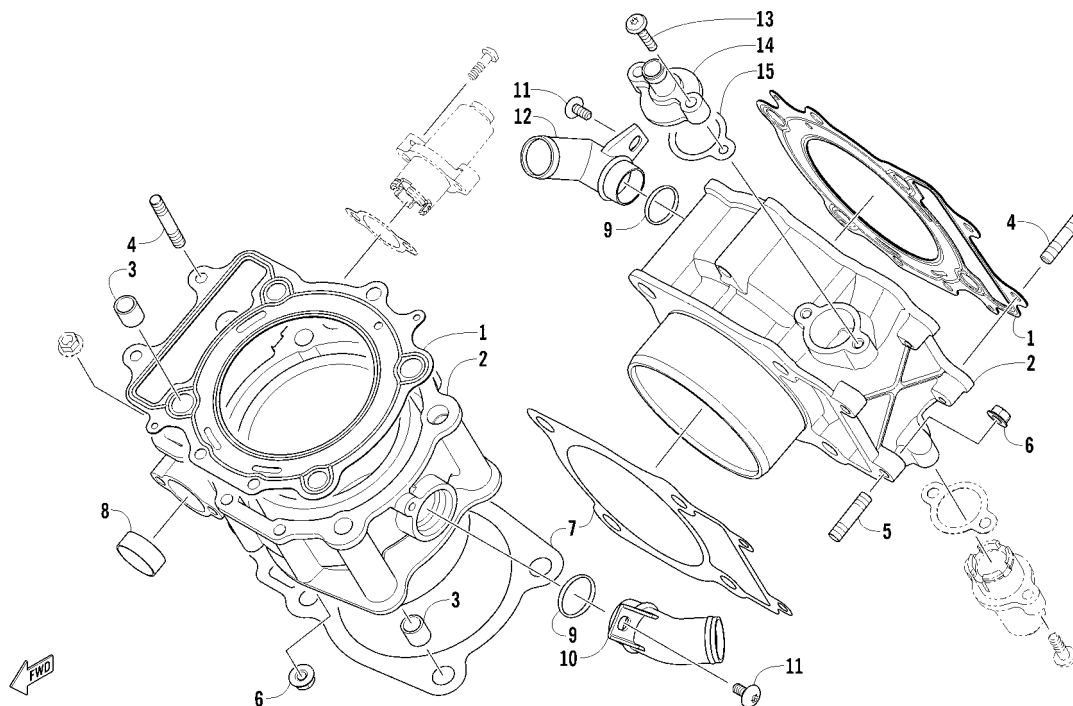
| Ref | Part No. | New | Qty | Description                                    | Ref | Part No. | New | Qty | Description                       |
|-----|----------|-----|-----|------------------------------------------------|-----|----------|-----|-----|-----------------------------------|
| 1   | 5991-655 |     | 1   | Battery Cover/Tool Tray Assembly<br>(inc. 2-4) | 11  | 0445-062 |     | 1   | Cable, Battery/Soleniod           |
| 2   | 2406-815 |     | 1   | ● Cover, Battery                               | 12  | 0645-327 |     | 1   | Boot, Terminal                    |
| 3   | 0444-122 |     | 1   | ● Kit, Tool                                    | 13  | 0623-038 |     | 5   | Nut w/Washer                      |
| 4   | 0417-016 |     | 1   | ● Pad, Battery                                 | 14  | 0445-066 |     | 1   | Cable, Solenoid/Starter (inc. 15) |
| 5   | 8476-620 |     | 2   | Screw, Machine                                 | 15  | 0645-019 |     | 1   | ● Boot, Terminal                  |
| 6   | 0645-480 |     | 1   | Battery Assembly (inc. 7-8)                    | 16  | 8476-630 |     | 2   | Screw, Machine                    |
| 7   | 0445-082 |     | 1   | ● Kit, Hardware                                | 17  | 0445-058 |     | 1   | Solenoid                          |
| 8   | 0645-430 |     | 1   | ● Decal, Warning                               | 18  | 8476-625 |     | 2   | Screw, Machine                    |
| 9   | 0417-012 |     | 1   | Foam, Battery                                  | 19  | 0825-015 |     | 1   | Motor, Starter - Assembly         |
| 10  | 0445-071 |     | 1   | Cable, Battery/Ground                          |     |          |     |     |                                   |



## THROTTLE BODY ASSEMBLY

0742-977

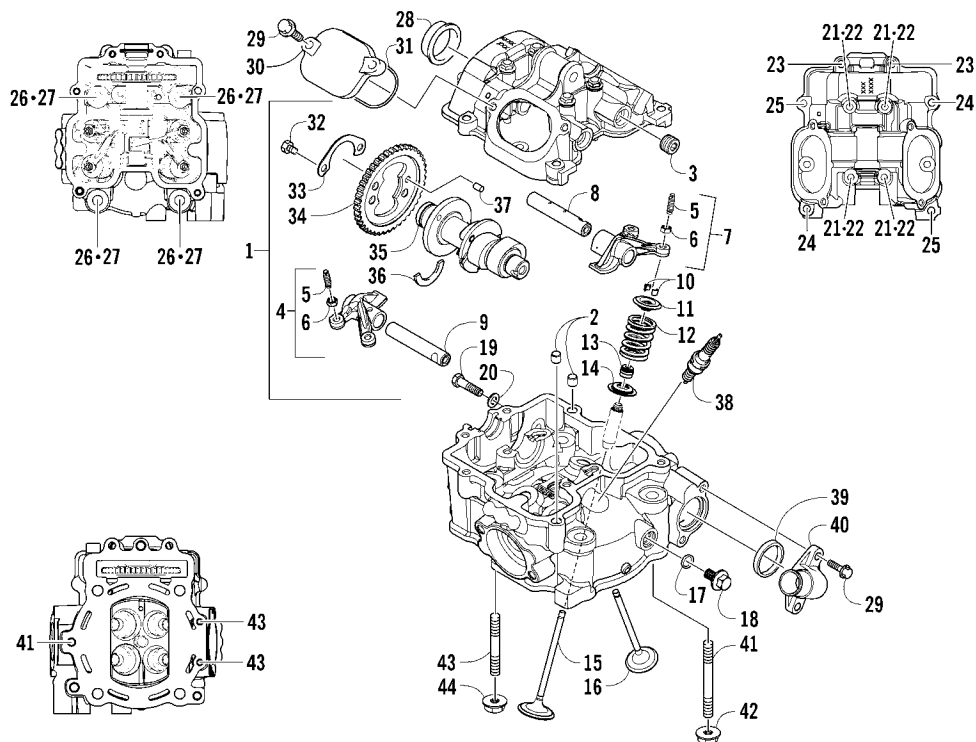
| Ref | Part No. | New | Qty | Description                          | Ref | Part No. | New | Qty | Description                              |
|-----|----------|-----|-----|--------------------------------------|-----|----------|-----|-----|------------------------------------------|
| 1   | 0470-686 |     | 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                              |



## CYLINDER ASSEMBLY

0745-047

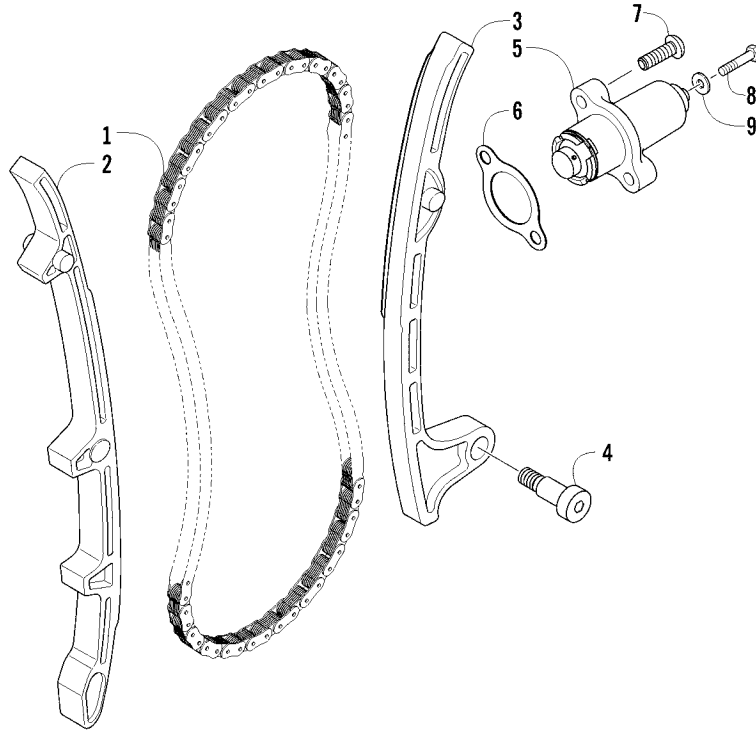
| Ref | Part No. | New | Qty | Description    | Ref | Part No. | New | Qty | Description         |
|-----|----------|-----|-----|----------------|-----|----------|-----|-----|---------------------|
| 1   | 0830-209 |     | 2   | Gasket, Head   | 9   | 0830-007 |     | 2   | O-Ring              |
| 2   | 0804-031 |     | 2   | Cylinder       | 10  | 0804-046 |     | 1   | Union, Coolant Hose |
| 3   | 0829-002 |     | 8   | Pin, Dowel     | 11  | 8468-612 |     | 2   | Screw, Machine      |
| 4   | 0827-002 |     | 4   | Bolt, Stud     | 12  | 0804-030 |     | 1   | Union, Coolant Hose |
| 5   | 0827-018 |     | 4   | Bolt, Stud     | 13  | 8468-620 |     | 2   | Screw, Machine      |
| 6   | 8424-604 |     | 8   | Nut            | 14  | 0801-174 |     | 1   | Cover, Breather     |
| 7   | 0830-193 |     | 2   | Gasket, Base   | 15  | 0830-134 |     | 1   | Gasket              |
| 8   | 0804-037 |     | 1   | Plug, Cylinder |     |          |     |     |                     |



## CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0746-494

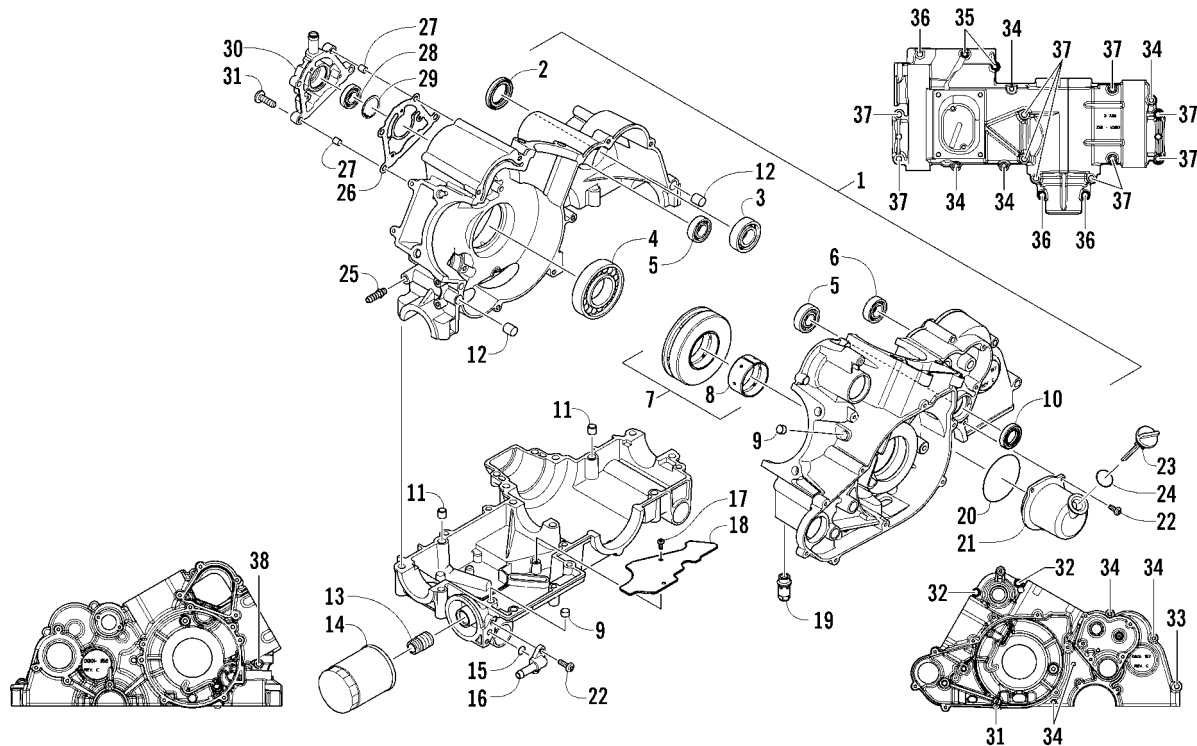
| Ref | Part No. | New | Qty | Description                                         | Ref | Part No. | New | Qty | Description              |
|-----|----------|-----|-----|-----------------------------------------------------|-----|----------|-----|-----|--------------------------|
| 1   | 0808-216 | X   | 2   | Head, Cylinder - Assembly (inc. 2-21)               | 23  | 0826-002 |     | 4   | Screw, Cap               |
| 2   | 0829-048 |     | 4   | ● Pin, Dowel                                        | 24  | 0826-005 |     | 4   | Screw, Cap               |
| 3   | 0831-092 | X   | 4   | ● Plug, Shaft                                       | 25  | 0826-006 |     | 4   | Screw, Cap               |
| 4   | 0809-237 |     | 2   | ● Arm, Valve Rocker - Exhaust<br>(inc. two No. 5-6) | 26  | 0808-090 |     | 8   | Screw, Cap               |
| 5   | 0809-240 |     | 8   | ●● Screw, Adjuster                                  | 27  | 0830-147 |     | 8   | Washer                   |
| 6   | 0827-059 |     | 8   | ●● Nut                                              | 28  | 0808-077 |     | 2   | Plug, Cylinder Head      |
| 7   | 0809-234 |     | 2   | ● Arm, Valve Rocker - Intake<br>(inc. two No. 5-6)  | 29  | 0826-007 |     | 12  | Screw, Cap               |
| 8   | 0809-241 |     | 2   | ● Shaft, Rocker Arm - Intake                        | 30  | 0808-003 |     | 4   | Cap, Inspection          |
| 9   | 0809-242 |     | 2   | ● Shaft, Rocker Arm - Exhaust                       | 31  | 0830-167 |     | 4   | O-Ring                   |
| 10  | 0809-233 |     | 16  | ● Cotter, Valve                                     | 32  | 0826-034 |     | 4   | Screw, Cap               |
| 11  | 0809-232 |     | 8   | ● Retainer, Spring                                  | 33  | 0828-004 |     | 2   | Plate, Retainer          |
| 12  | 0809-231 |     | 8   | ● Spring, Valve                                     | 34  | 0809-212 |     | 2   | Sprocket                 |
| 13  | 0830-186 |     | 8   | ● Seal, Oil                                         | 35  | 0809-246 |     | 1   | Camshaft, Front Cylinder |
| 14  | 0809-006 |     | 8   | ● Seat, Spring - Valve                              |     | 0809-248 |     | 1   | Camshaft, Rear Cylinder  |
| 15  | 0809-228 |     | 4   | ● Valve, Intake                                     | 36  | 0809-003 |     | 2   | C-Ring                   |
| 16  | 0809-229 |     | 4   | ● Valve, Exhaust                                    | 37  | 0829-049 |     | 2   | Pin, Dowel               |
| 17  | 0830-213 |     | 2   | ● O-Ring                                            | 38  | 0217-799 |     | 2   | Spark Plug - CPR8E       |
| 18  | 0826-157 |     | 2   | ● Screw, Cap                                        | 39  | 0830-120 |     | 2   | Seal                     |
| 19  | 8400-812 |     | 2   | ● Screw, Cap                                        | 40  | 0808-008 |     | 2   | Cover, Thermostat        |
| 20  | 0830-025 |     | 2   | ● Washer, Crush                                     | 41  | 0827-062 |     | 2   | Bolt, Stud               |
| 21  | 0826-149 |     | 8   | ● Screw, Cap                                        | 42  | 8424-804 |     | 2   | Nut                      |
| 22  | 0830-155 |     | 8   | Gasket                                              | 43  | 0827-030 |     | 4   | Bolt, Stud               |
|     |          |     |     |                                                     | 44  | 8424-604 |     | 4   | Nut                      |



## CAM CHAIN ASSEMBLY

0745-069

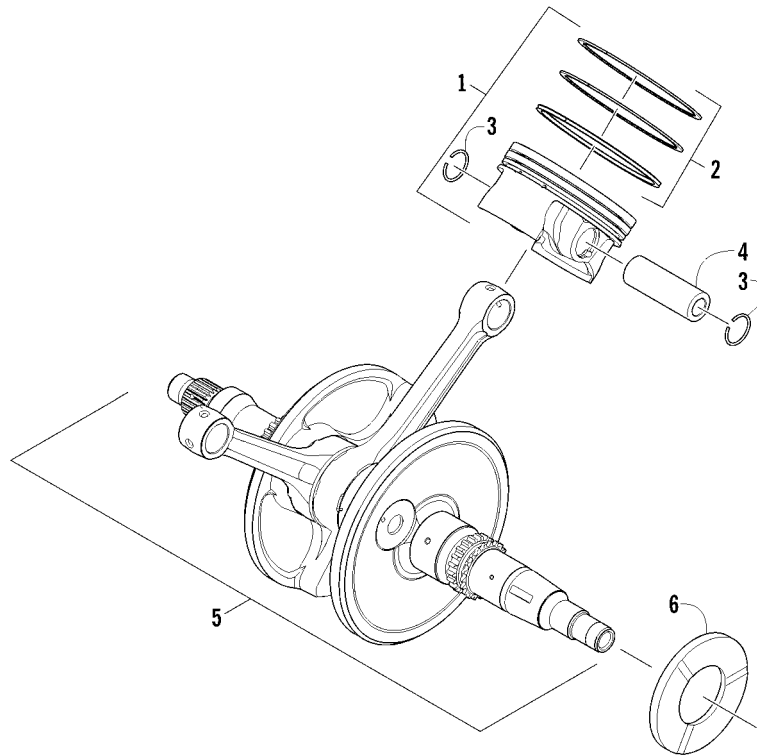
| <b>Ref</b> | <b>Part No.</b> | <b>New Qty</b> | <b>Description</b>             | <b>Ref</b> | <b>Part No.</b> | <b>New Qty</b> | <b>Description</b> |
|------------|-----------------|----------------|--------------------------------|------------|-----------------|----------------|--------------------|
| 1          | 0810-001        |                | Chain, Cam                     | 6          | 0830-134        | 2              | Gasket             |
| 2          | 0810-046        |                | Guide, Chain                   | 7          | 8468-620        | 4              | Screw, Machine     |
| 3          | 0810-049        |                | Tensioner, Chain               | 8          | 8400-610        | 2              | Screw, Cap         |
| 4          | 0826-106        |                | Pivot, Tensioner               | 9          | 0828-129        | 2              | Washer             |
| 5          | 0810-004        |                | Adjuster, Tensioner - Assembly |            |                 |                |                    |



## CRANKCASE ASSEMBLY

0746-499

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



## CRANKSHAFT AND PISTON ASSEMBLY

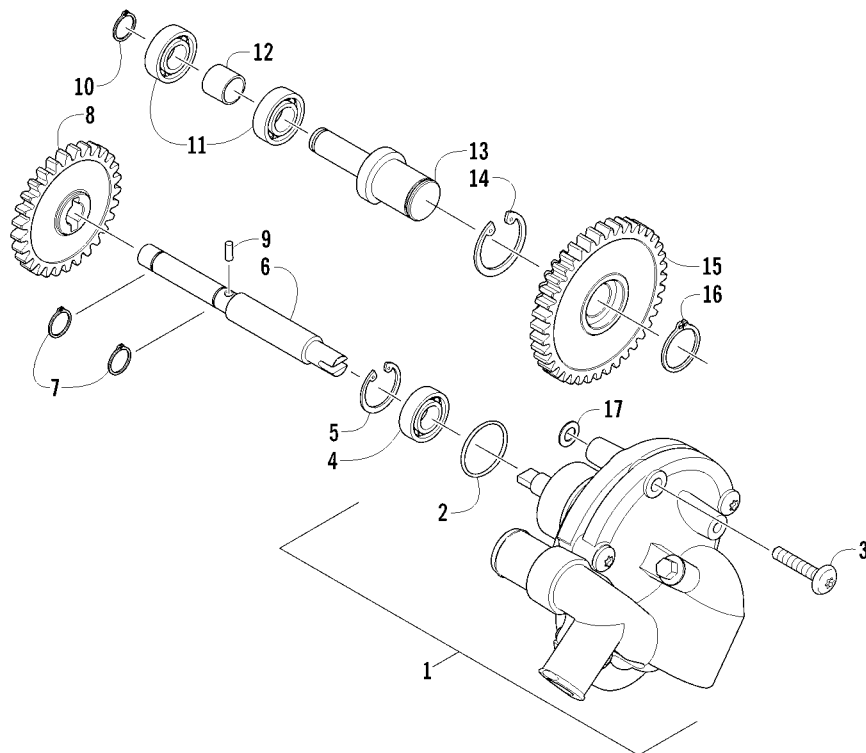
0745-070

| Ref | Part No. | New Qty | Description                      | Ref | Part No. | New Qty | Description             |
|-----|----------|---------|----------------------------------|-----|----------|---------|-------------------------|
| 1   | 0805-299 |         |                                  | 4   | 0805-198 |         | ● Pin, Piston           |
| 2   | 0805-164 |         |                                  | 5   | 0805-331 | X       | 1 Crankshaft - Assembly |
| 3   | 0805-199 |         |                                  | 6   | 0805-273 |         | 1 Washer, Thrust        |
| 2   |          |         | Piston Set - Assembly (inc. 2-4) |     |          |         |                         |
| 2   |          |         | ● Ring, Piston - Set             |     |          |         |                         |
| 4   |          |         | ● Circlip, Piston Pin            |     |          |         |                         |

32

## 0746-500

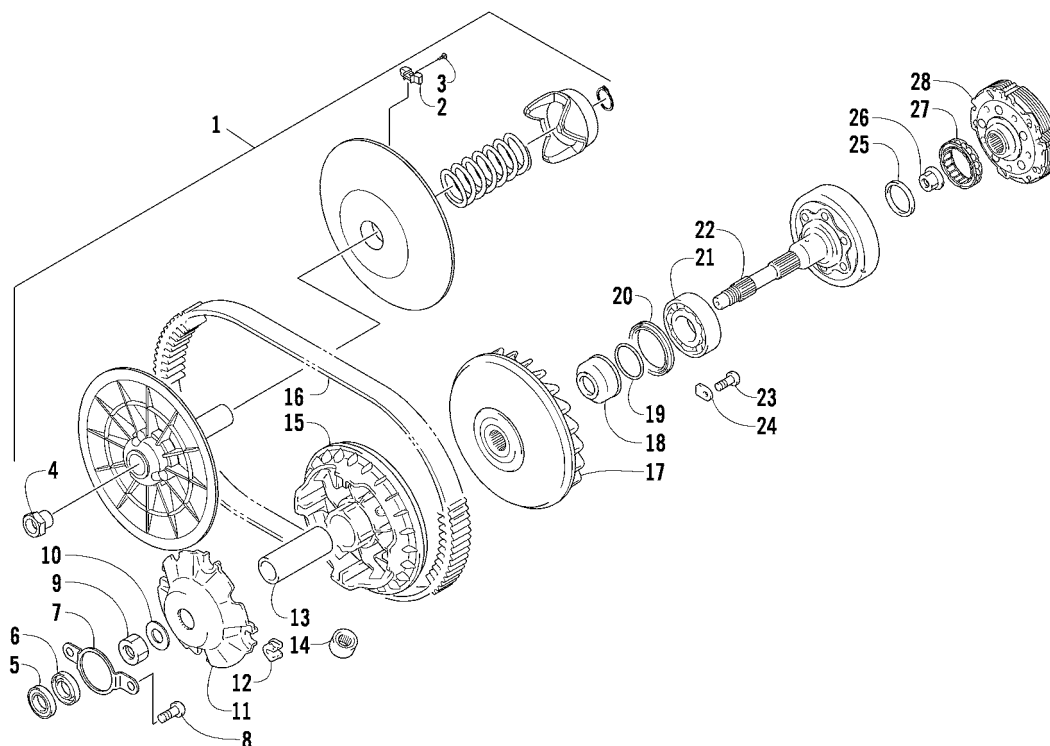
33



## WATER PUMP ASSEMBLY

0745-537

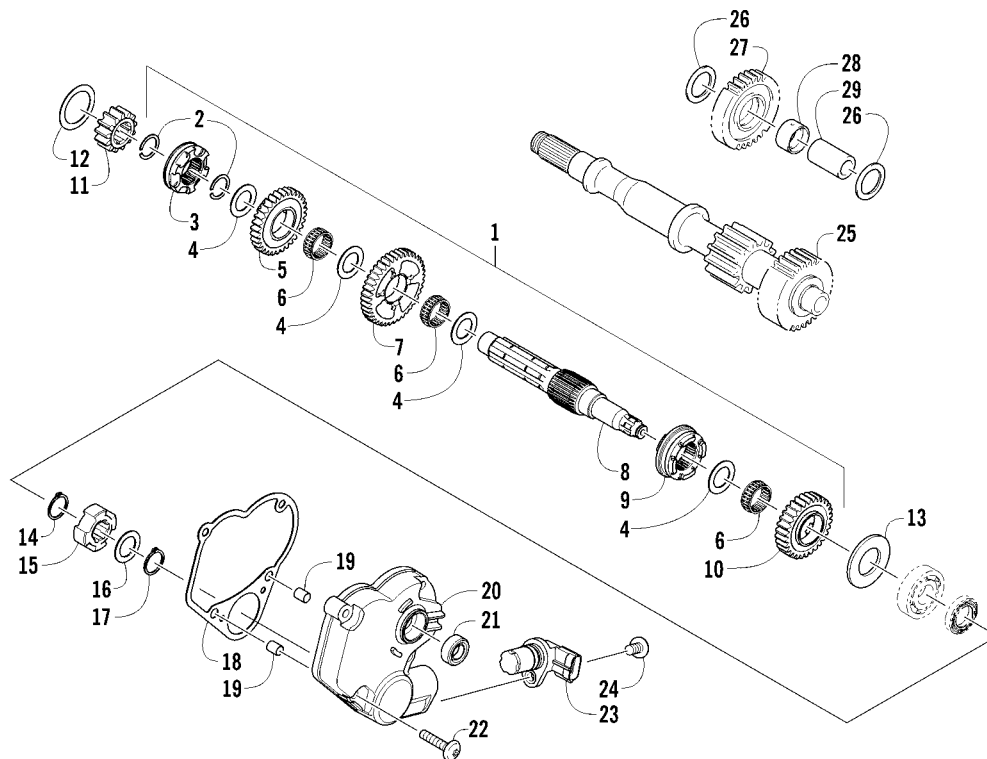
| Ref | Part No. | New | Qty | Description                     | Ref | Part No. | New | Qty | Description                      |
|-----|----------|-----|-----|---------------------------------|-----|----------|-----|-----|----------------------------------|
| 1   | 0813-056 |     | 1   | Pump, Water - Assembly (inc. 2) | 10  | 0831-002 |     | 1   | Ring, Retaining                  |
| 2   | 0830-029 |     | 1   | ● O-Ring                        | 11  | 0832-046 |     | 2   | Bearing                          |
| 3   | 8468-650 |     | 2   | Screw, Machine                  | 12  | 0813-028 |     | 1   | Spacer, Idler - Water Pump       |
| 4   | 0832-084 |     | 1   | Bearing                         | 13  | 0813-026 |     | 1   | Shaft, Water Pump Idler Gear     |
| 5   | 0831-086 |     | 1   | Circlip                         | 14  | 0831-004 |     | 1   | Ring, Retaining                  |
| 6   | 0813-041 |     | 1   | Shaft, Driven Gear              | 15  | 0813-027 |     | 1   | Gear, Idler - Water Pump - Drive |
| 7   | 0831-010 |     | 2   | Ring, Retaining                 | 16  | 0831-040 |     | 1   | Ring, Retaining                  |
| 8   | 0813-043 |     | 1   | Gear, Driven                    | 17  | 0828-038 | AR  |     | Washer                           |
| 9   | 0829-009 |     | 1   | Pin, Dowel                      |     |          |     |     |                                  |



## TRANSMISSION ASSEMBLY

0742-982

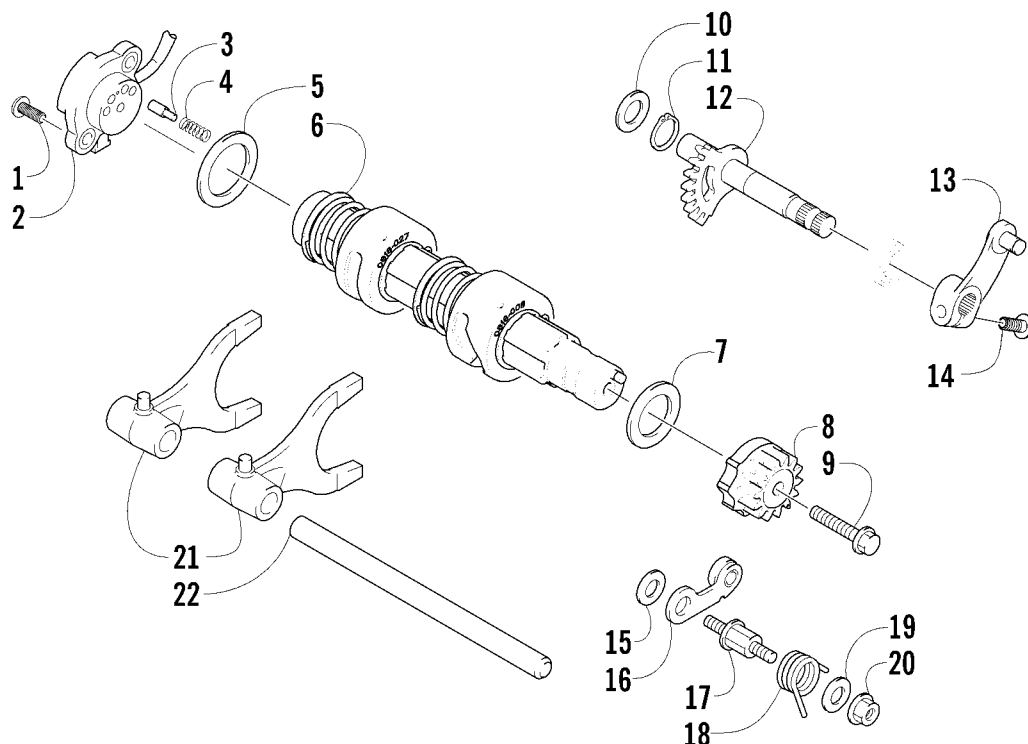
| Ref | Part No. | New | Qty | Description                          | Ref | Part No. | New | Qty | Description                   |
|-----|----------|-----|-----|--------------------------------------|-----|----------|-----|-----|-------------------------------|
| 1   | 0823-353 | X   | 1   | Pulley, Driven - Assembly (inc. 2-4) | 15  | 0823-273 | X   | 1   | Face, Movable Drive           |
| 2   | 0823-176 |     | 3   | ● Shoe, Cam                          | 16  | 0823-231 |     | 1   | Belt, Drive                   |
| 3   | 0823-177 |     | 3   | ● Screw, Machine                     | 17  | 0823-272 | X   | 1   | Face, Fixed Drive             |
| 4   | 0823-178 |     | 1   | ● Nut, Driven Pulley                 | 18  | 0823-015 |     | 1   | Spacer, Fixed Drive Face      |
| 5   | 0832-010 |     | 1   | Bearing                              | 19  | 0470-531 |     | 1   | O-Ring                        |
| 6   | 0830-176 |     | 1   | Seal                                 | 20  | 0830-188 |     | 1   | Seal, Clutch Housing - Right  |
| 7   | 0823-020 |     | 1   | Retainer, Bearing                    | 21  | 0832-009 |     | 1   | Bearing                       |
| 8   | 0826-031 |     | 2   | Screw, Machine                       | 22  | 0821-002 |     | 1   | Housing, Clutch               |
| 9   | 0827-010 |     | 1   | Nut                                  | 23  | 0826-029 |     | 2   | Screw, Machine                |
| 10  | 0828-106 |     | 1   | Washer                               | 24  | 0822-010 |     | 2   | Retainer, Bearing             |
| 11  | 0823-276 | X   | 1   | Plate, Movable Drive Face            | 25  | 0830-189 |     | 1   | Seal, Clutch Housing - Left   |
| 12  | 0823-277 | X   | 4   | Damper, Movable Drive Face           | 26  | 0827-011 |     | 1   | Nut                           |
| 13  | 0823-358 | X   | 1   | Spacer, Movable Drive Face           | 27  | 0823-018 |     | 1   | Clutch, One-Way               |
| 14  | 0823-170 |     | 8   | Roller, Movable Drive Face           | 28  | 0823-310 |     | 1   | Clutch, Centrifugal - 6 Plate |



## SECONDARY TRANSMISSION ASSEMBLY

0745-540

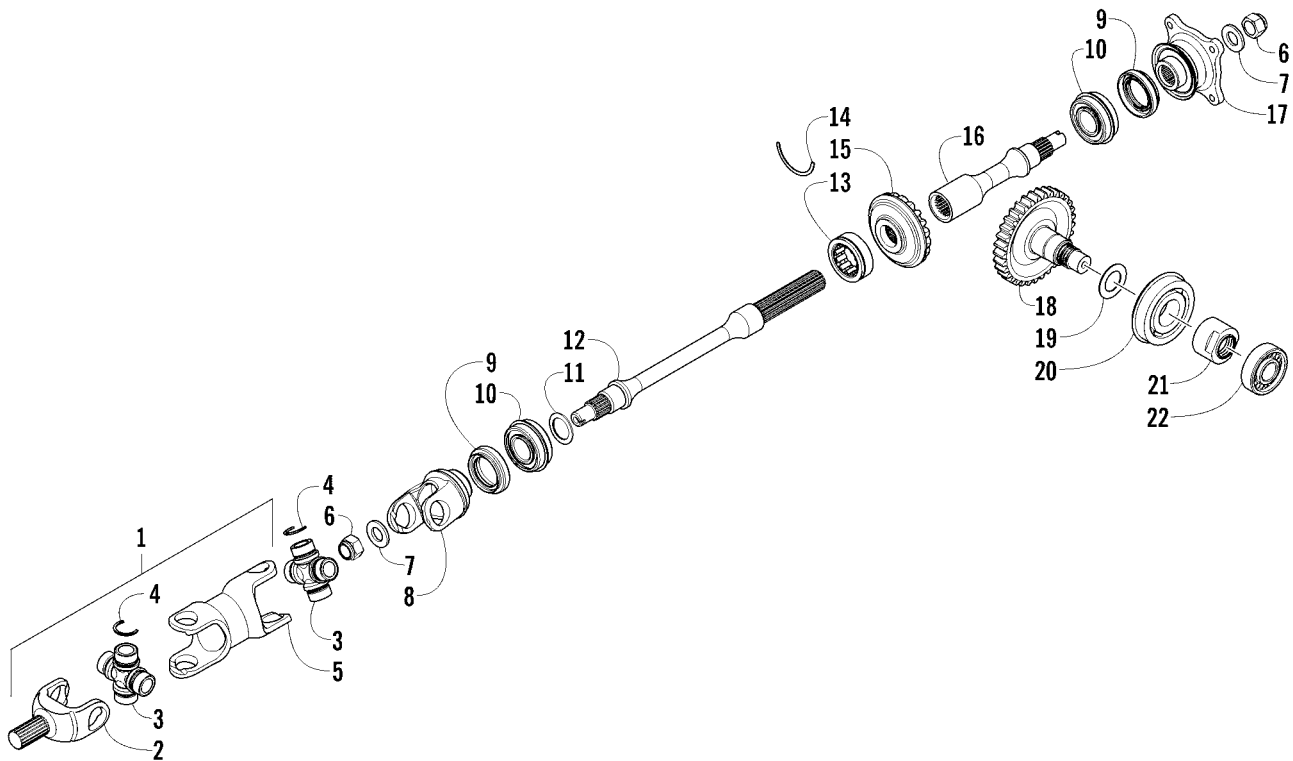
| Ref | Part No. | New | Qty | Description                       | Ref | Part No. | New | Qty | Description                 |
|-----|----------|-----|-----|-----------------------------------|-----|----------|-----|-----|-----------------------------|
| 1   | 0822-124 |     | 1   | Countershaft Assembly (inc. 2-10) | 16  | 0828-069 |     | 1   | Washer, Thrust              |
| 2   | 0831-085 |     | 2   | ● Ring, Retaining                 | 17  | 0831-039 |     | 1   | Ring, Retaining             |
| 3   | 0822-120 | X   | 1   | ● Gear Select, Reverse            | 18  | 0830-194 |     | 1   | Gasket                      |
| 4   | 0822-121 |     | 4   | ● Shim                            | 19  | 0829-048 |     | 2   | Pin, Dowel                  |
| 5   | 0822-119 |     | 1   | ● Gear, Reverse Driven            | 20  | 0806-105 |     | 1   | Housing, Speedometer Sensor |
| 6   | 0832-082 |     | 3   | ● Bearing                         | 21  | 0830-044 |     | 1   | Seal                        |
| 7   | 0822-114 | X   | 1   | ● Gear, Driven - Low              | 22  | 8468-630 |     | 4   | Screw, Machine              |
| 8   | 0822-113 |     | 1   | ● Countershaft                    | 23  | 0824-042 |     | 1   | Sensor, Speedometer         |
| 9   | 0822-116 | X   | 1   | ● Gear Select, Sliding            | 24  | 8468-620 |     | 1   | Screw, Machine              |
| 10  | 0822-115 | X   | 1   | ● Gear, Driven - High             | 25  | 0822-001 |     | 1   | Driveshaft                  |
| 11  | 0822-125 | X   | 1   | Gear, Drive                       | 26  | 0828-016 |     | 2   | Washer, Thrust              |
| 12  | 0828-019 |     | 1   | Washer, Thrust                    | 27  | 0822-011 |     | 1   | Gear, Reverse Idle          |
| 13  | 0828-011 |     | 1   | Washer                            | 28  | 0822-012 |     | 1   | Bushing                     |
| 14  | 0831-040 |     | 1   | Ring, Retaining                   | 29  | 0822-015 |     | 1   | Shaft, Reverse Idle         |
| 15  | 0822-050 |     | 1   | Trigger, Speedometer Sensor       |     |          |     |     |                             |



## GEAR SHIFTING ASSEMBLY

0746-501

| Ref | Part No. | New | Qty | Description                  | Ref | Part No. | New | Qty | Description           |
|-----|----------|-----|-----|------------------------------|-----|----------|-----|-----|-----------------------|
| 1   | 8470-516 |     | 2   | Screw, Machine               | 12  | 0818-095 |     | 1   | Shaft, Sub-Gear Shift |
| 2   | 0409-091 |     | 1   | Switch, Gear Position        | 13  | 0818-014 |     | 1   | Arm, Shift            |
| 3   | 0818-013 |     | 2   | Contact                      | 14  | 8468-620 |     | 1   | Screw, Machine        |
| 4   | 0818-017 |     | 2   | Spring                       | 15  | 0828-038 |     | 1   | Washer                |
| 5   | 0828-040 |     | 1   | Washer                       | 16  | 0818-002 |     | 1   | Stopper, Cam          |
| 6   | 0818-046 |     | 1   | Shaft, Gear Shift - Assembly | 17  | 0818-004 |     | 1   | Support, Cam Stopper  |
| 7   | 0828-131 | X   | 1   | Spacer                       | 18  | 0818-090 |     | 1   | Spring                |
| 8   | 0818-055 |     | 1   | Cam, Gear Shift              | 19  | 0828-035 |     | 1   | Washer                |
| 9   | 0826-006 |     | 1   | Screw, Cap                   | 20  | 8424-602 |     | 1   | Nut                   |
| 10  | 0828-036 |     | 1   | Washer                       | 21  | 0818-072 |     | 2   | Fork, Shift           |
| 11  | 0831-010 |     | 1   | Ring, Retaining              | 22  | 0818-006 |     | 1   | Shaft, Shift Fork     |



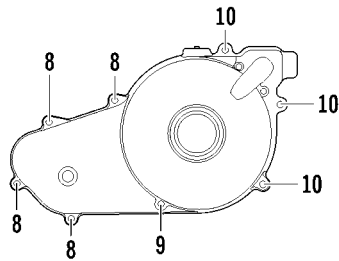
## SECONDARY DRIVE ASSEMBLY

0745-058

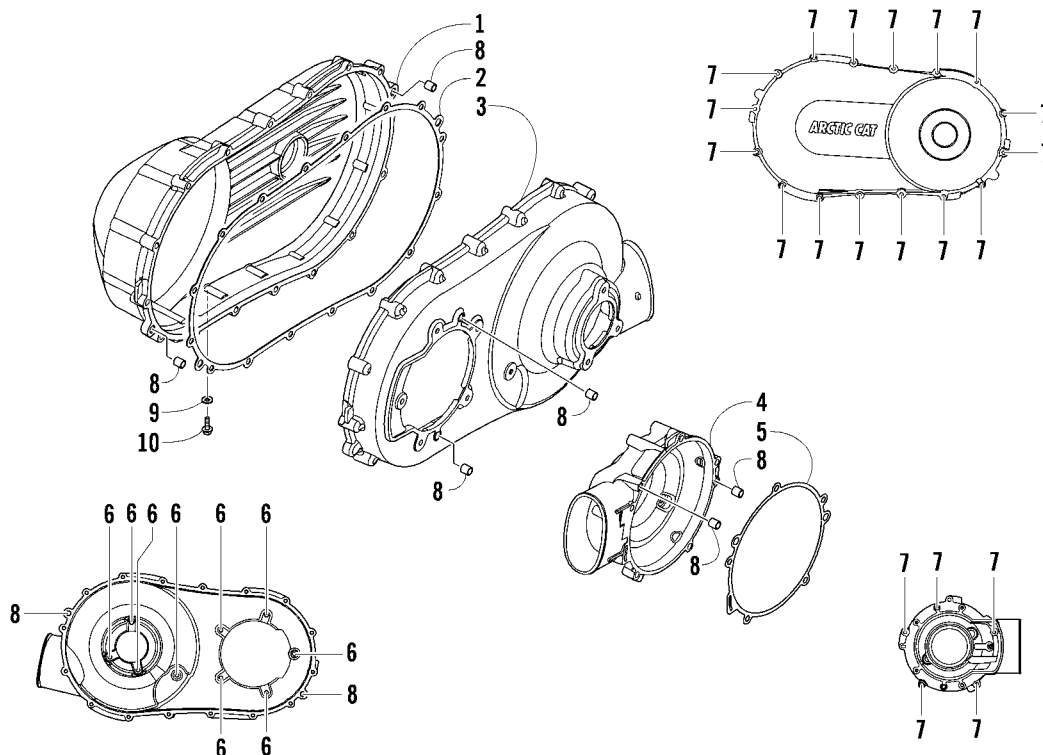
| Ref | Part No. | New | Qty | Description                                                        | Ref | Part No. | New | Qty | Description                     |
|-----|----------|-----|-----|--------------------------------------------------------------------|-----|----------|-----|-----|---------------------------------|
| 1   | 1502-342 |     | 1   | Driveshaft, Front - Assembly(inc. 2, one No. 3, four No. 4, and 5) | 12  | 0819-089 |     | 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  | 0822-132 |     | 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 |     | 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                         |



| Ref | Part No. | New Qty | Description      | Ref | Part No. | New Qty | Description         |
|-----|----------|---------|------------------|-----|----------|---------|---------------------|
| 1   | 0802-042 |         | 1 Rotor/Flywheel | 5   | 0802-041 |         | 1 Stator - Assembly |
| 2   | 0829-012 |         | 1 Key            | 6   | 0831-064 |         | 1 Clamp             |
| 3   | 0827-010 |         | 1 Nut            | 7   | 8470-510 |         | 4 Screw, Machine    |
| 4   | 8409-632 |         | 3 Screw, Cap     |     |          |         |                     |



| Ref | Part No. | New Qty | Description             | Ref | Part No. | New Qty | Description          |
|-----|----------|---------|-------------------------|-----|----------|---------|----------------------|
| 1   | 0806-107 |         | 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 |         | 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 | 1       | Cover, Outside       | 6   | 8468-616 | 9       | Screw, Machine |
| 2   | 0830-137 | 1       | Gasket, Cover        | 7   | 8468-630 | 21      | Screw, Machine |
| 3   | 0806-110 | 1       | Cover, Inside        | 8   | 0829-048 | 6       | Pin, Dowel     |
| 4   | 0806-109 | 1       | Cover, Clutch        | 9   | 0830-013 | 1       | Washer, Crush  |
| 5   | 0830-133 | 1       | Gasket, Clutch Cover | 10  | 8408-812 | 1       | Screw, Cap     |

