

# 2008

## THUNDERCAT



## ILLUSTRATED PARTS MANUAL



MODEL NUMBER A2008IEW4EUSL (SILVER)

**ARCTIC CAT**<sup>®</sup>  
MORE TO GO ON.<sup>™</sup>

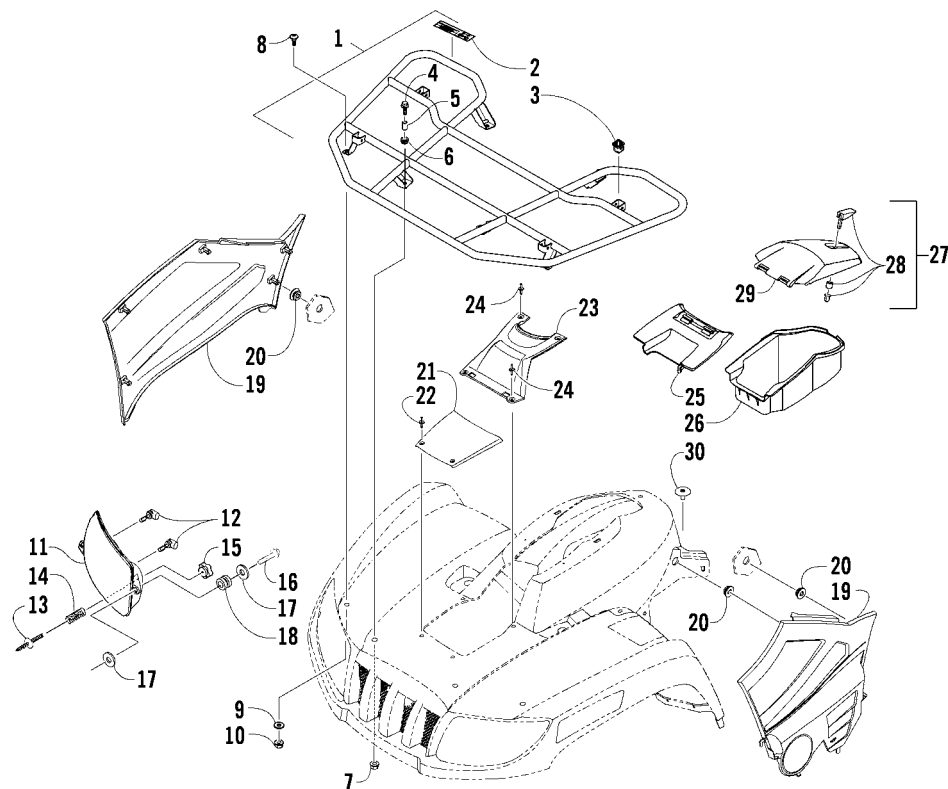
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## 2008 Thundercat

Silver (Model No. A2008IEW4EUSL)

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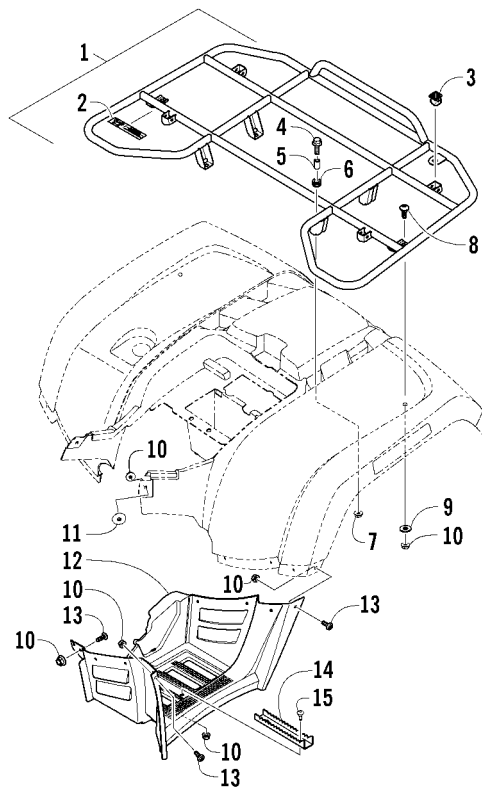
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2008 model year. For a complete list of related items, refer to the current accessory catalog.



## FRONT RACK AND HEADLIGHT ASSEMBLIES

0742-955

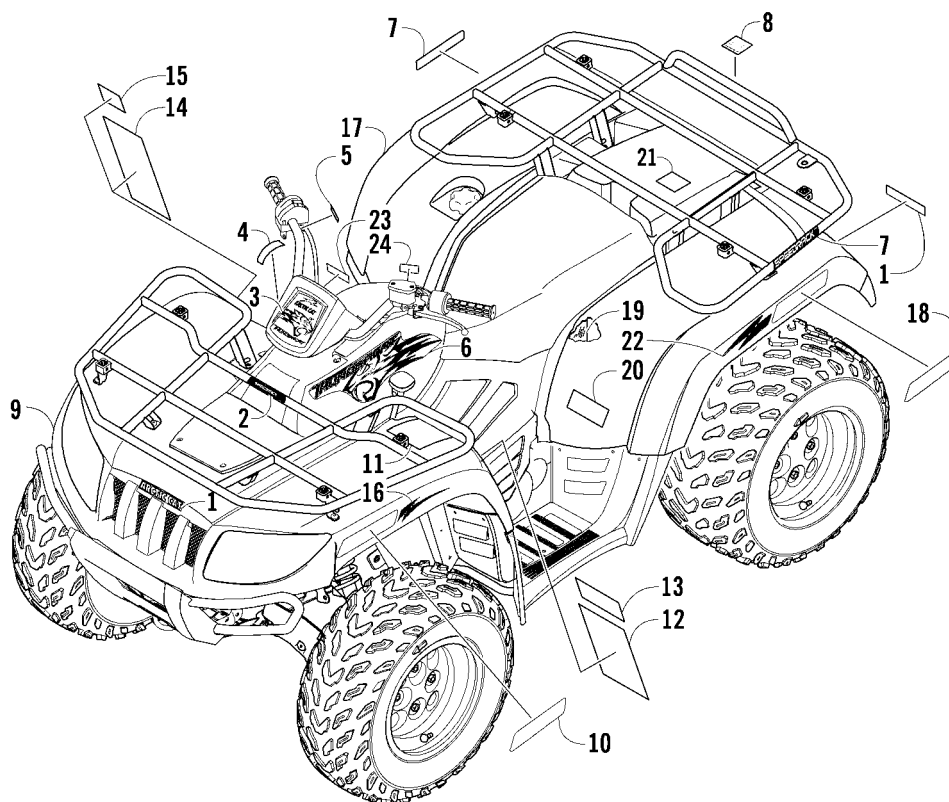
| Ref. | Part No.        | Qty. | Description                          | Ref. | Part No.        | Qty. | Description                           |
|------|-----------------|------|--------------------------------------|------|-----------------|------|---------------------------------------|
| 1    | <u>2506-106</u> | 1    | Rack, Front - Assembly (inc. 2-3)    | 16   | 0623-785        | 4    | Screw, Self-Tapping                   |
| 2    | 0411-576        | 1    | ● Decal, Warning - Front Rack Load   | 17   | 8050-217        | 8    | Washer                                |
| 3    | 0441-592        | 4    | ● Bushing, Rack                      | 18   | 0423-447        | 4    | Grommet                               |
| 4    | 8410-830        | 4    | Screw, Cap                           | 19   | <u>2406-588</u> | 1    | Panel, Side - Lower - Right           |
| 5    | 0423-669        | 4    | Spacer                               |      | <u>2406-589</u> | 1    | Panel, Side - Lower - Left            |
| 6    | 0423-465        | 4    | Grommet                              | 20   | 0423-678        | 8    | Grommet                               |
| 7    | 8432-802        | 4    | Nut, Lock                            | 21   | 1406-358        | 1    | Cover, Access                         |
| 8    | 0423-654        | 2    | Screw, Shoulder                      | 22   | 0423-535        | 2    | Rivet, Reinstallable                  |
| 9    | 8050-222        | 2    | Washer                               | 23   | 1406-484        | 1    | Cover, Steering Post                  |
| 10   | 0423-540        | 2    | Nut, Lock                            | 24   | 0623-362        | 4    | Rivet, Reinstallable                  |
| 11   | 0509-034        | 1    | Headlight Assembly - Right (inc. 12) | 25   | 0470-513        | 1    | Cover, Storage Box                    |
|      | 0509-035        | 1    | Headlight Assembly - Left (inc. 12)  | 26   | 1406-573        | 1    | Box, Storage                          |
| 12   | 0409-055        | 4    | ● Bulb, Headlight                    | 27   | 2506-234        | 1    | Lid, Storage Box w/Latch (inc. 28-29) |
| 13   | 0423-514        | 2    | Stud, Adjuster - Headlight           | 28   | 1406-599        | 1    | ● Latch, Storage Box                  |
| 14   | 0423-522        | 2    | Spring, Adjuster                     | 29   | 0470-514        | 1    | ● Lid, Storage Box                    |
| 15   | 0423-513        | 2    | Knob, Adjuster                       | 30   | 0423-101        | 2    | Screw, Body                           |



## REAR RACK AND FOOTWELL ASSEMBLIES

0742-957

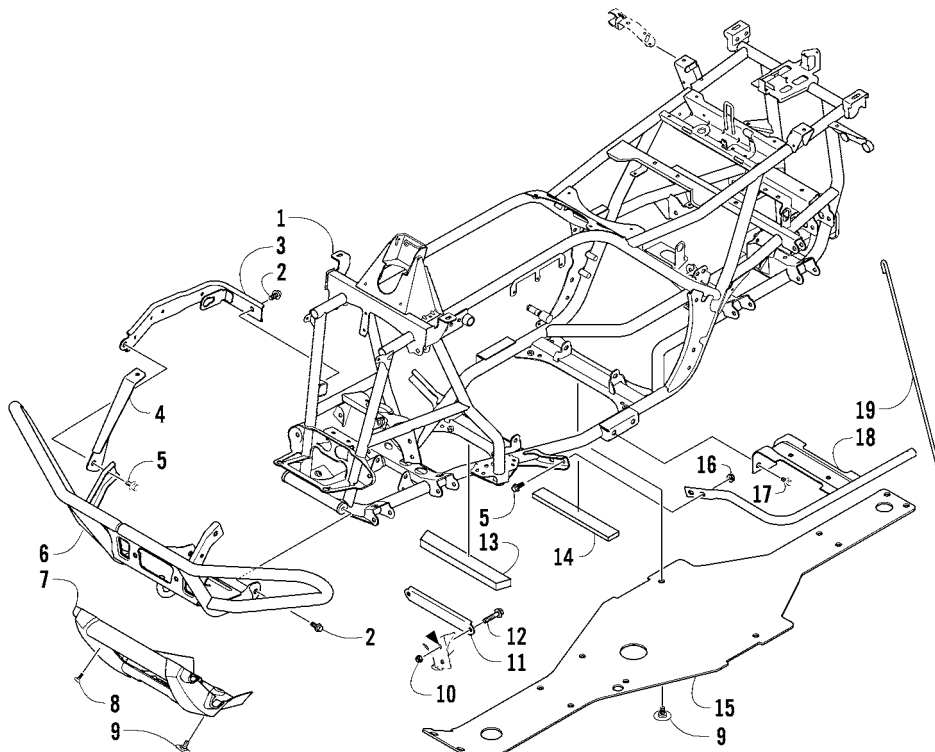
| Ref. | Part No.        | Qty. | Description                       | Ref. | Part No.        | Qty. | Description      |
|------|-----------------|------|-----------------------------------|------|-----------------|------|------------------|
| 1    | <u>2506-125</u> | 1    | Rack, Rear - Assembly (inc. 2-3)  | 9    | 8050-222        | 2    | Washer           |
| 2    | 0411-648        | 1    | ● Decal, Warning - Rear Rack Load | 10   | 0423-540        | 26   | Nut, Lock        |
| 3    | 0441-592        | 4    | ● Bushing, Rack                   | 11   | 0423-101        | 2    | Screw, Body      |
| 4    | 8410-830        | 4    | Screw, Cap                        | 12   | <u>2506-450</u> | 1    | Footwell - Right |
| 5    | 0423-669        | 4    | Spacer                            |      | 1406-519        | 1    | Footwell - Left  |
| 6    | 0423-465        | 4    | Grommet                           | 13   | 0423-419        | 18   | Screw, Machine   |
| 7    | 8432-802        | 4    | Nut, Lock                         | 14   | 1506-125        | 2    | Footpeg          |
| 8    | 0423-654        | 2    | Screw, Shoulder                   | 15   | 0423-355        | 4    | Screw, Shoulder  |



## BODY PANELS AND DECALS

0742-959

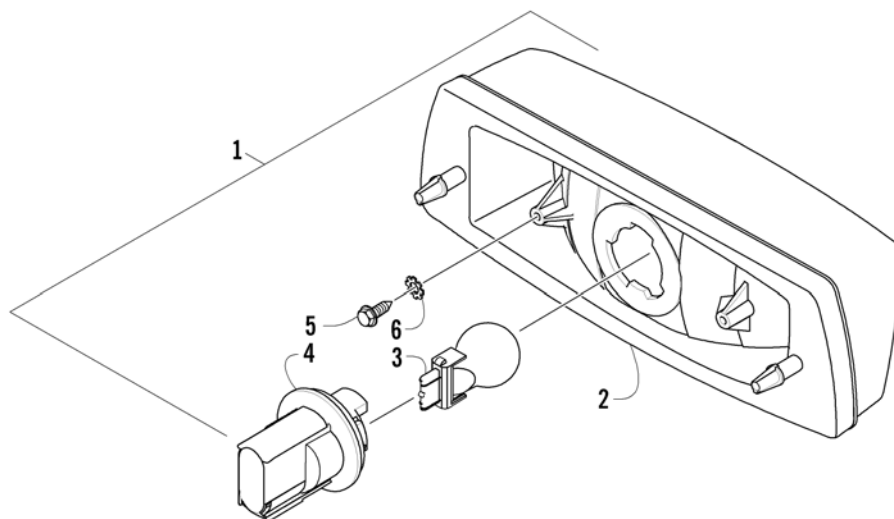
| Ref. | Part No.        | Qty. | Description                                 | Ref. | Part No.        | Qty. | Description                                                 |
|------|-----------------|------|---------------------------------------------|------|-----------------|------|-------------------------------------------------------------|
| 1    | <u>1411-817</u> | 2    | Decal, Front/Rear                           | 14   | 1411-250        | 1    | ● Decal, Warning - Reverse/Pre-Ride                         |
| 2    | 1411-050        | 1    | Decal, "Speedrack"                          | 15   | 0411-835        | 1    | ● Decal, Warning - Turn/Hill                                |
| 3    | <u>1411-824</u> | 1    | Decal, Instrument Pod                       | 16   | <u>1411-820</u> | 1    | Decal, Side Fender - Front - Right                          |
| 4    | 0411-426        | 1    | Decal, Warning - Clutch Cover               |      | <u>1411-821</u> | 1    | Decal, Side Fender - Front - Left                           |
| 5    | 0411-966        | 1    | Decal, Warning - Differential Lock          | 17   | <u>2506-852</u> | 1    | Panel, Fender - Rear - Silver<br>(inc. 18-21 and one No. 1) |
| 6    | <u>1411-818</u> | 1    | Decal, Side - Upper Right                   | 18   | <u>1411-592</u> | 1    | ● Decal, Reflector - Rear - Right                           |
|      | <u>1411-819</u> | 1    | Decal, Side - Upper Left                    |      | <u>1411-593</u> | 1    | ● Decal, Reflector - Rear - Left                            |
| 7    | 0411-965        | 2    | Decal, "Speedrack"                          | 19   | 0470-658        | 1    | ● Shield, Heat                                              |
| 8    | 1411-077        | 1    | Decal, Warning - Towing                     | 20   | 0411-430        | 1    | ● Decal, Warning - Tire Pressure                            |
| 9    | <u>2506-784</u> | 1    | Panel, Fender - Front - Silver (inc. 10-15) | 21   | 0411-435        | 1    | ● Decal, Passenger                                          |
| 10   | 0411-818        | 1    | ● Decal, Reflector - Front - Right          | 22   | <u>1411-822</u> | 1    | Decal, Side Fender - Rear - Right                           |
|      | 0411-819        | 1    | ● Decal, Reflector - Front - Left           |      | <u>1411-823</u> | 1    | Decal, Side Fender - Rear - Left                            |
| 11   | 0411-401        | 1    | ● Decal, Warning - Age                      | 23   | <u>8611-267</u> | 1    | Decal, AirCat - Chrome                                      |
| 12   | 0411-218        | 1    | ● Decal, Warning - General                  | 24   | <u>1411-865</u> | 1    | Decal, Caution - Brake Lever Lock                           |
| 13   | 1411-574        | 1    | ● Decal, Warning - Off-Road Only            |      |                 |      |                                                             |



## FRAME AND RELATED PARTS

0742-956

| Ref. | Part No.        | Qty. | Description                        | Ref. | Part No.        | Qty. | Description      |
|------|-----------------|------|------------------------------------|------|-----------------|------|------------------|
| 1    | <u>2506-094</u> | 1    | Frame, Main                        | 10   | 0423-744        | 2    | Nut, Lock        |
| 2    | 8409-020        | 4    | Screw, Cap                         | 11   | 1506-429        | 1    | Brace, A-Arm     |
| 3    | <u>2506-813</u> | 1    | Channel, Mounting - Bumper - Right | 12   | 8409-025        | 2    | Screw, Cap       |
|      | 2506-285        | 1    | Channel, Mounting - Bumper - Left  | 13   | <u>2506-701</u> | 1    | Pad, Frame       |
| 4    | 1506-562        | 1    | Bracket, Mounting - Bumper - Right | 14   | 0406-289        | 1    | Pad, Battery     |
|      | 1506-563        | 1    | Bracket, Mounting - Bumper - Left  | 15   | <u>2406-648</u> | 1    | Panel, Belly     |
| 5    | 8408-816        | 6    | Screw, Cap                         | 16   | 8424-802        | 4    | Nut, Flange      |
| 6    | <u>1506-855</u> | 1    | Bumper, Front                      | 17   | 8409-016        | 4    | Screw, Cap       |
| 7    | <u>2406-732</u> | 1    | Fascia, Bumper - Front             | 18   | <u>2506-449</u> | 1    | Footrest - Right |
| 8    | 0423-419        | 2    | Screw, Machine                     |      | 1506-379        | 1    | Footrest - Left  |
| 9    | 0423-101        | 12   | Screw, Body                        | 19   | 2506-423        | 2    | Rod, Support     |

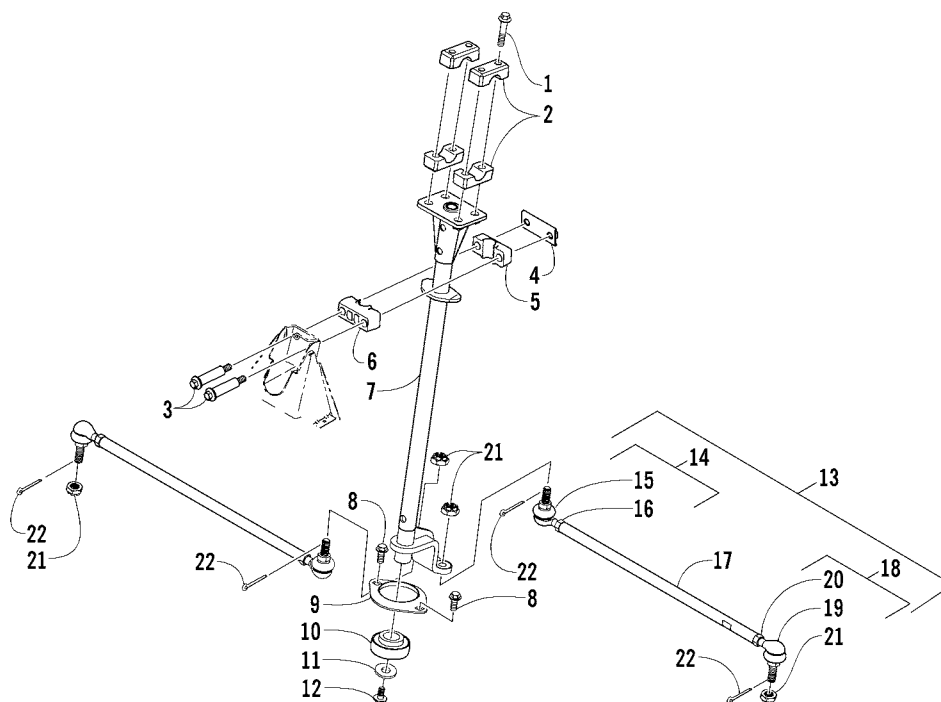


## TAILLIGHT ASSEMBLY

0739-667

| Ref. | Part No. | Qty. | Description                   | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|-------------------------------|------|----------|------|-------------------------------|
| 1    | 0509-022 | 1    | Taillight Assembly (inc. 2-4) | 4    | 0409-057 | 1    | ● Socket, Taillight           |
| 2    | 0509-025 | 1    | ● Housing, Taillight          | 5    | 0623-301 | 2    | Screw, Self-Tapping           |
| 3    | 0409-056 | 1    | ● Bulb, Taillight             | 6    | 8053-212 | 2    | Washer, Lock - External Tooth |

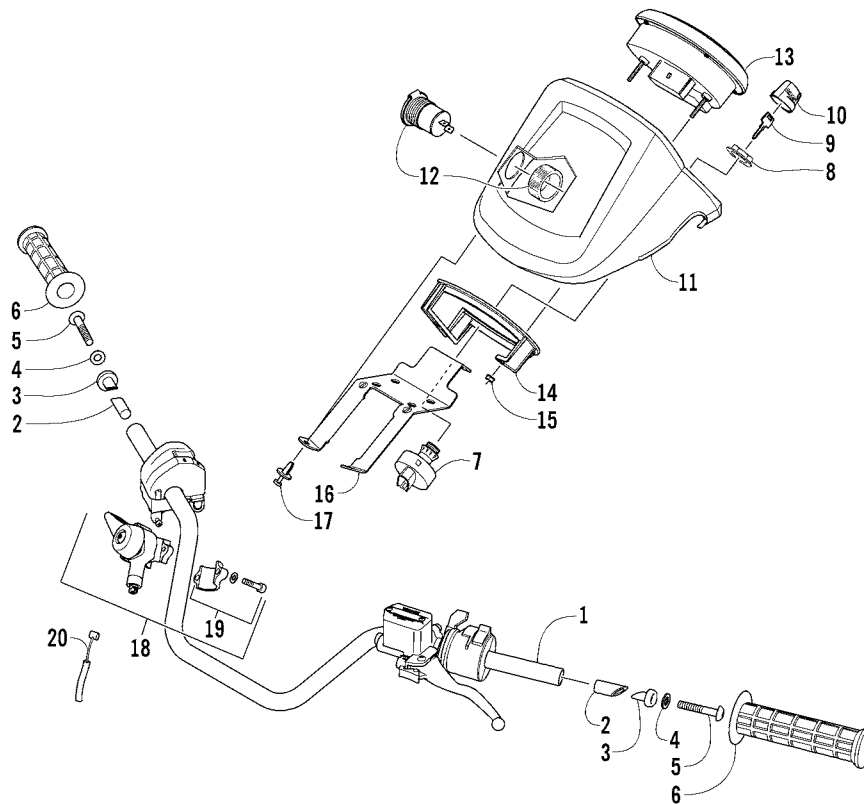
6



## STEERING POST ASSEMBLY

0742-327R \*Not a Service Part

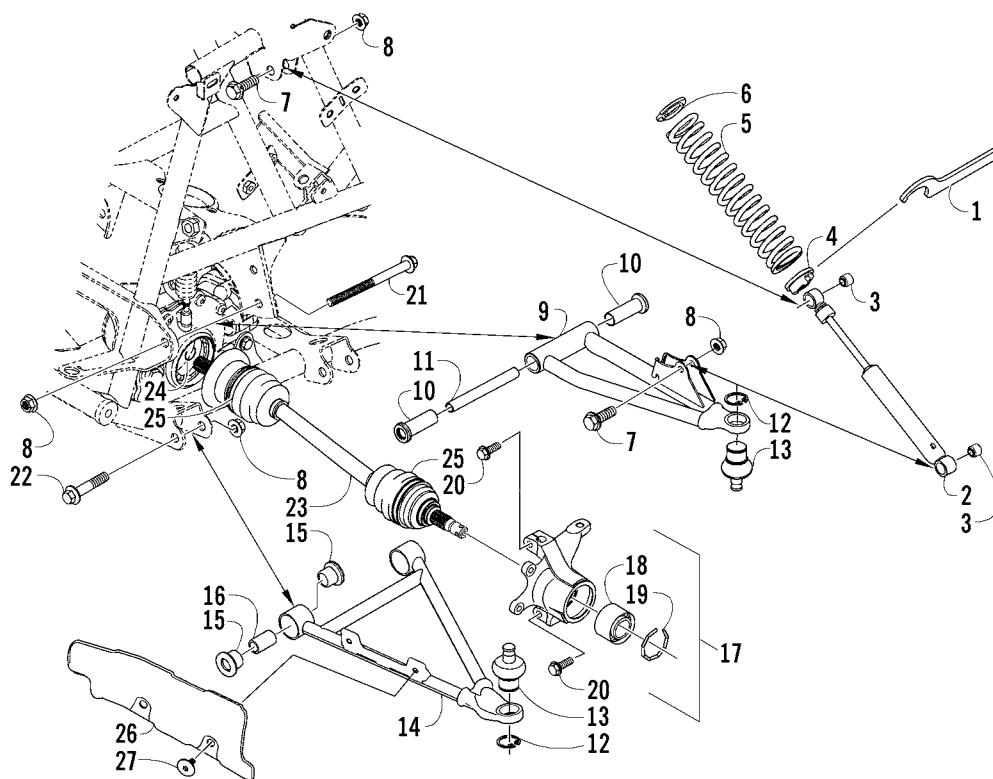
| Ref. | Part No.        | Qty. | Description                 | Ref. | Part No.        | Qty. | Description                                                                |
|------|-----------------|------|-----------------------------|------|-----------------|------|----------------------------------------------------------------------------|
| 1    | 8408-860        | 4    | Screw, Cap                  | 13   | <u>0505-499</u> | 2    | Tie Rod - Assembly (inc. 14-20)                                            |
| 2    | 0405-035        | 4    | Cap, Steering Adjuster      | 14   | <u>0505-511</u> | 2    | ● End, Tie Rod - Left-Hand Thread - Kit<br>(inc. 15-16 and two No. 21-22)  |
| 3    | 0423-505        | 2    | Screw, Shoulder             | 15   | *               | 2    | ● End, Tie Rod - Left-Hand Thread                                          |
| 4    | <u>0505-484</u> | 1    | Cap, Housing                | 16   | 0423-013        | 2    | ● Nut - Left-Hand Thread                                                   |
| 5    | 0405-138        | 1    | Housing, Lower              | 17   | <u>0405-281</u> | 2    | ● Tie Rod                                                                  |
| 6    | 0405-139        | 1    | Housing, Upper              | 18   | <u>0505-510</u> | 2    | ● End, Tie Rod - Right-Hand Thread - Kit<br>(inc. 19-20 and two No. 21-22) |
| 7    | 0505-451        | 1    | Post, Steering              | 19   | *               | 2    | ● End, Tie Rod - Right-Hand Thread                                         |
| 8    | 8408-816        | 2    | Screw, Cap                  | 20   | 8420-002        | 2    | ● Nut - Right-Hand Thread                                                  |
| 9    | 0602-233        | 1    | Flange, Bearing             | 21   | 0423-157        | 4    | Nut, Lock                                                                  |
| 10   | 0405-052        | 1    | Bearing w/Inverted Oil Seal | 22   | 0623-175        | 4    | Pin, Cotter                                                                |
| 11   | 0423-073        | 1    | Washer                      |      |                 |      |                                                                            |
| 12   | 8409-020        | 1    | Screw, Cap                  |      |                 |      |                                                                            |



## HANDLEBAR ASSEMBLY

0742-728

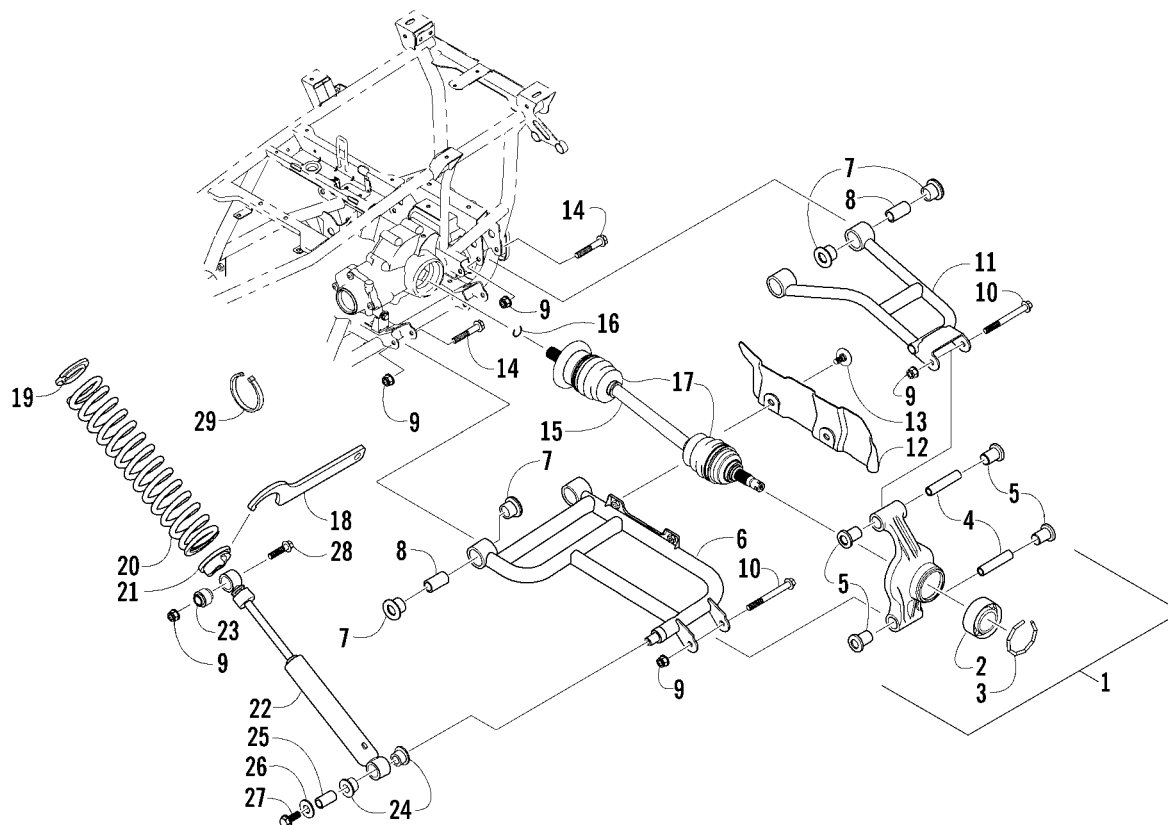
| Ref. | Part No.        | Qty. | Description                                 | Ref. | Part No.        | Qty. | Description                              |
|------|-----------------|------|---------------------------------------------|------|-----------------|------|------------------------------------------|
| 1    | 0505-448        | 1    | Tube, Handlebar                             | 11   | <u>0505-515</u> | 1    | Instrument Pod                           |
| 2    | 0405-218        | 2    | Plug, Handlebar                             | 12   | 0641-897        | 1    | Outlet, Accessory - 12V                  |
| 3    | 0405-149        | 2    | End Cap, Handlebar                          | 13   | <u>0420-083</u> | 1    | Gauge, LCD                               |
| 4    | 8050-247        | 2    | Washer                                      | 14   | 0420-065        | 1    | Clamp, Plastic                           |
| 5    | 8477-845        | 2    | Screw, Machine                              | 15   | 0423-493        | 2    | Nut, Hex                                 |
| 6    | 0405-147        | 2    | Grip, Handlebar                             | 16   | <u>2506-470</u> | 1    | Bracket, Mounting - Instrument Pod       |
| 7    | <u>0430-069</u> | 1    | Switch, Ignition - Assembly (inc. 8-10)     | 17   | 0423-535        | 2    | Rivet, Reinstallable                     |
| 8    | 0430-050        | 1    | ● Nut, Flange - Ignition Switch             | 18   | 0502-527        | 1    | Control, Differential Lock (inc. 19)     |
| 9    | <u>0430-042</u> | 1    | ● Key, Ignition (Y Series - Left-Side Cut)  | 19   | 0502-613        | 1    | ● Clamp, Differential Lock Control - Kit |
|      | <u>0430-043</u> | 1    | ● Key, Ignition (Z Series - Right-Side Cut) | 20   | 0487-050        | 1    | Cable, Differential Lock                 |
| 10   | 0430-054        | 1    | ● Cover, Key                                |      |                 |      |                                          |



## FRONT SUSPENSION ASSEMBLY

0742-646

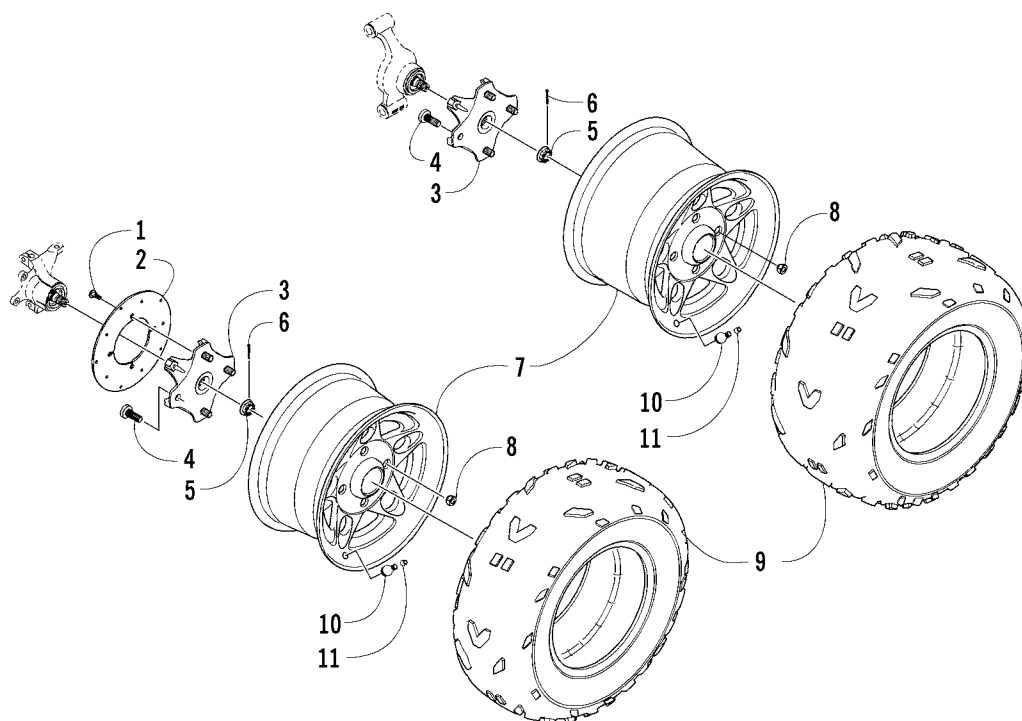
| Ref. | Part No.            | Qty. | Description                                                  | Ref. | Part No.            | Qty. | Description                              |
|------|---------------------|------|--------------------------------------------------------------|------|---------------------|------|------------------------------------------|
| 1    | 0441-587            | 1    | Wrench, Spanner                                              | 15   | 0403-115            | 8    | ● Bushing                                |
| 2    | <del>0403-188</del> | 2    | Shock Absorber - Front (inc. 3)                              | 16   | 0403-114            | 4    | ● Collar                                 |
| 3    | 0403-182            | 4    | ● Bushing, Double-Bonded                                     | 17   | <del>0505-506</del> | 1    | Knuckle - Assembly - Right (inc. 18-19)  |
| 4    | 0403-102            | 2    | Cam, Spring Adjuster                                         |      | <del>0505-507</del> | 1    | Knuckle - Assembly - Left (inc. 18-19)   |
| 5    | <del>0503-346</del> | 2    | Spring, Shock Absorber - Cat Green                           | 18   | 1402-027            | 2    | ● Bearing, Wheel Hub                     |
| 6    | 1603-889            | 2    | Retainer, Spring                                             | 19   | 0423-423            | 2    | ● Ring, Retaining                        |
| 7    | 8409-040            | 4    | Screw, Cap                                                   | 20   | 8409-030            | 4    | Screw, Cap                               |
| 8    | 0423-744            | 10   | Nut, Lock                                                    | 21   | 0423-334            | 2    | Screw, Cap                               |
| 9    | 0503-272            | 1    | A-Arm, Upper Right - Platinum (inc. 10-13)                   | 22   | 8409-075            | 4    | Screw, Cap                               |
|      | 0503-273            | 1    | A-Arm, Upper Left - Platinum (inc. 10-13)                    | 23   | 0502-812            | 1    | Axle, Drive - Front - Right (inc. 24-25) |
| 10   | 0403-081            | 4    | ● Bushing                                                    |      | 0502-813            | 1    | Axle, Drive - Front - Left (inc. 24-25)  |
| 11   | 0403-080            | 2    | ● Collar                                                     | 24   | 1441-109            | 2    | ● Clip, Retaining                        |
| 12   | 0423-009            | 4    | ● Clip, Ball Joint                                           | 25   | 0436-276            | 2    | ● Repair Kit, Boot - Front Axle          |
| 13   | 0405-115            | 4    | ● Ball Joint - Front                                         | 26   | <del>1441-084</del> | 1    | Guard, Boot - Right - Silver             |
| 14   | 0503-342            | 1    | A-Arm, Lower Right - Platinum (inc. 15-16 and two No. 12-13) |      | <del>1441-085</del> | 1    | Guard, Boot - Left - Silver              |
|      | 0503-343            | 1    | A-Arm, Lower Left - Platinum (inc. 15-16 and two No. 12-13)  | 27   | 0423-545            | 4    | Screw, Body                              |



## REAR SUSPENSION ASSEMBLY

0741-439

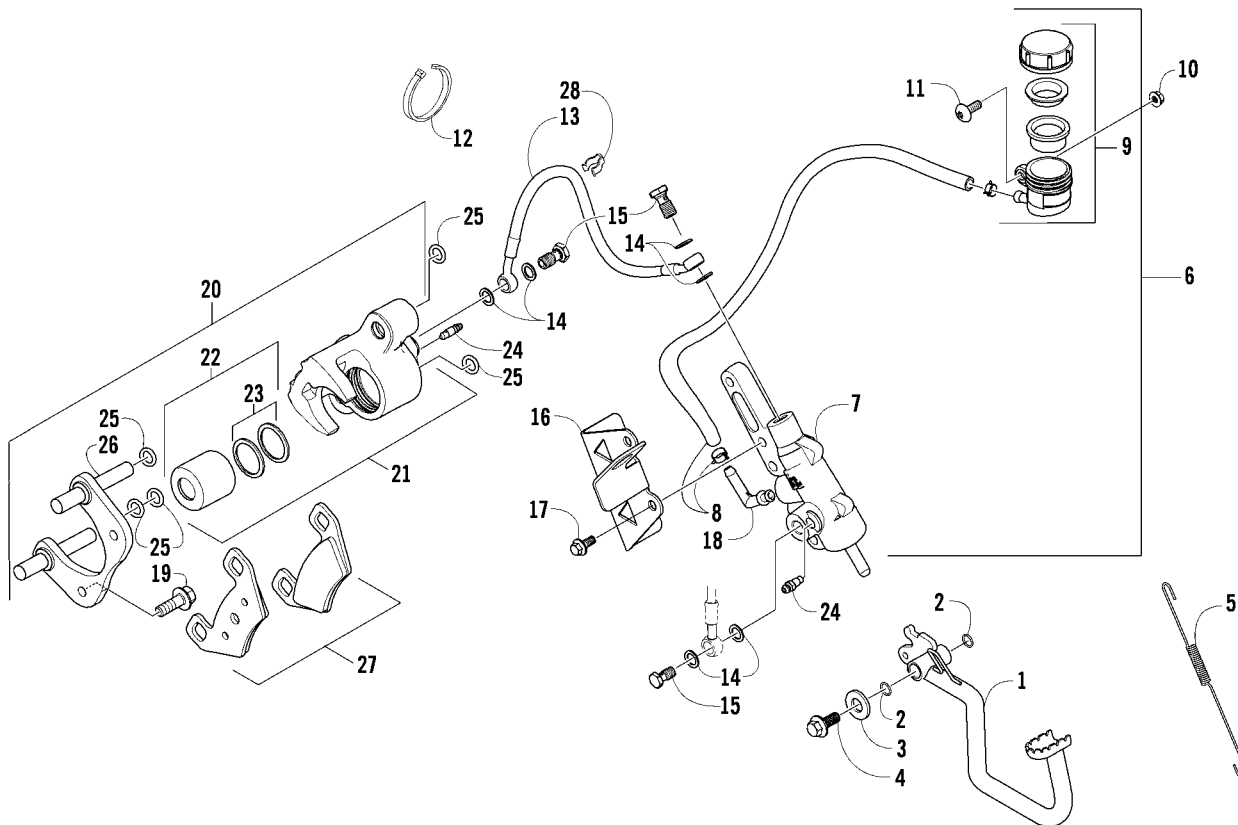
| Ref. | Part No.        | Qty. | Description                                     | Ref. | Part No.        | Qty. | Description                        |
|------|-----------------|------|-------------------------------------------------|------|-----------------|------|------------------------------------|
| 1    | <u>0504-493</u> | 1    | Knuckle, Right Rear - Assembly (inc. 2-5)       | 13   | 0423-545        | 4    | Screw, Body                        |
|      | <u>0504-389</u> | 1    | Knuckle, Left Rear - Assembly (inc. 2-5)        | 14   | 8409-075        | 8    | Screw, Cap                         |
| 2    | 1402-027        | 2    | ● Bearing, Wheel Hub                            | 15   | 0502-811        | 2    | Axle, Drive (inc. 16-17)           |
| 3    | 0423-423        | 2    | ● Ring, Retaining                               | 16   | 0441-893        | 2    | ● Clip, Retaining                  |
| 4    | 0403-038        | 4    | ● Collar, Suspension Bushing                    | 17   | 0436-276        | 2    | ● Repair Kit, Boot - Rear Axle     |
| 5    | 0403-032        | 8    | ● Bushing, Suspension                           | 18   | 0441-587        | 1    | Wrench, Spanner                    |
| 6    | 0504-440        | 1    | A-Arm, Rear - Lower Right - Platinum (inc. 7-8) | 19   | 1603-889        | 2    | Retainer, Spring                   |
|      | 0504-441        | 1    | A-Arm, Rear - Lower Left - Platinum (inc. 7-8)  | 20   | <u>0504-499</u> | 2    | Spring, Suspension - Cat Green     |
| 7    | 0403-115        | 16   | ● Bushing                                       | 21   | 0404-057        | 2    | Cam, Spring Adjuster               |
| 8    | 0403-114        | 8    | ● Collar                                        | 22   | <u>0404-158</u> | 2    | Shock Absorber - Rear (inc. 23-25) |
| 9    | 0423-744        | 14   | Nut, Lock                                       | 23   | 0403-182        | 2    | ● Bushing, Double-Bonded           |
| 10   | 8409-000        | 4    | Screw, Cap                                      | 24   | 0603-955        | 4    | ● Bushing, Shock Absorber          |
| 11   | <u>0504-512</u> | 1    | A-Arm, Rear - Upper Right - Platinum (inc. 7-8) | 25   | 1603-219        | 2    | ● Sleeve, Shock Absorber           |
|      | <u>0504-513</u> | 1    | A-Arm, Rear - Upper Left - Platinum (inc. 7-8)  | 26   | 0423-087        | 2    | Washer                             |
| 12   | <u>1441-086</u> | 1    | Guard, Boot - Right - Silver                    | 27   | 8408-820        | 2    | Screw, Cap                         |
|      | <u>1441-087</u> | 1    | Guard, Boot - Left - Silver                     | 28   | 8409-040        | 1    | Screw, Cap - Right                 |
|      |                 |      |                                                 |      | 8409-050        | 1    | Screw, Cap - Left                  |
|      |                 |      |                                                 | 29   | 0123-788        | AR   | Cable Tie                          |



## WHEEL AND TIRE ASSEMBLY

0742-960

| Ref. | Part No.            | Qty. | Description                 | Ref. | Part No.            | Qty. | Description                    |
|------|---------------------|------|-----------------------------|------|---------------------|------|--------------------------------|
| 1    | 0423-557            | 12   | Screw, Shoulder w/Loctite   | 8    | 0423-618            | 16   | Nut, Mounting - Wheel - Chrome |
| 2    | <del>1436-164</del> | 3    | Disc, Brake                 | 9    | <del>1402-699</del> | 2    | Tire - Front                   |
| 3    | <del>0502-980</del> | 4    | Hub, Wheel - Front (inc. 4) |      | <del>1402-700</del> | 2    | Tire - Rear                    |
| 4    | 0402-974            | 16   | ● Stud, Wheel Hub           | 10   | 0402-064            | 4    | Stem, Valve (inc. 11)          |
| 5    | 0423-607            | 4    | Nut, Castle Flange          | 11   | 0402-140            | 4    | ● Cap, Valve Stem              |
| 6    | 0423-407            | 4    | Pin, Cotter                 |      |                     |      |                                |
| 7    | 1402-424            | 2    | Wheel - Front - Black       |      |                     |      |                                |
|      | 1402-425            | 2    | Wheel - Rear - Black        |      |                     |      |                                |

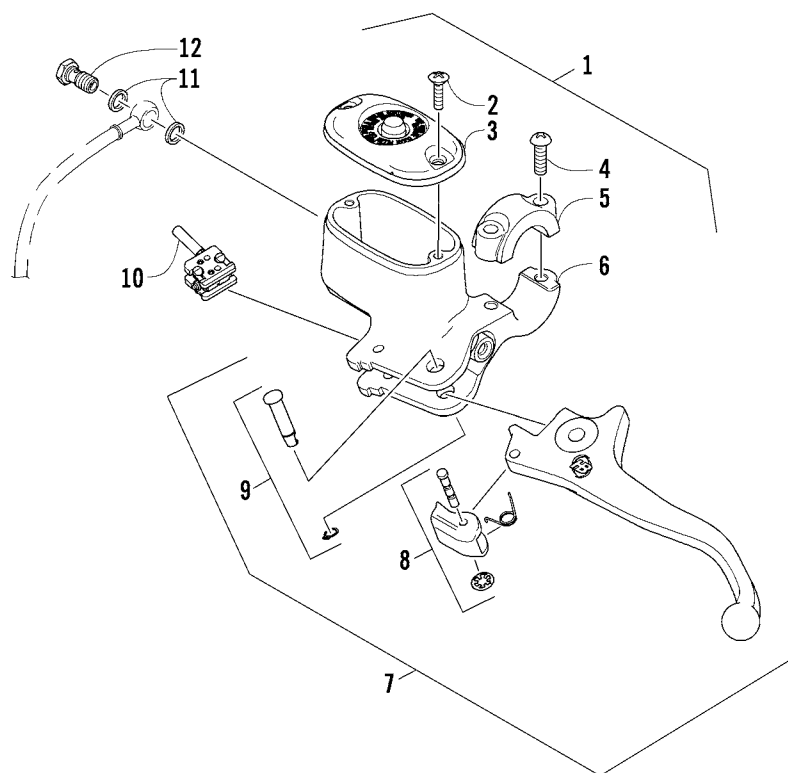


## AUXILIARY BRAKE ASSEMBLY

(Master Cylinder Replacement Kit p/n 1502-295)

0742-961 \*Not a Service Part

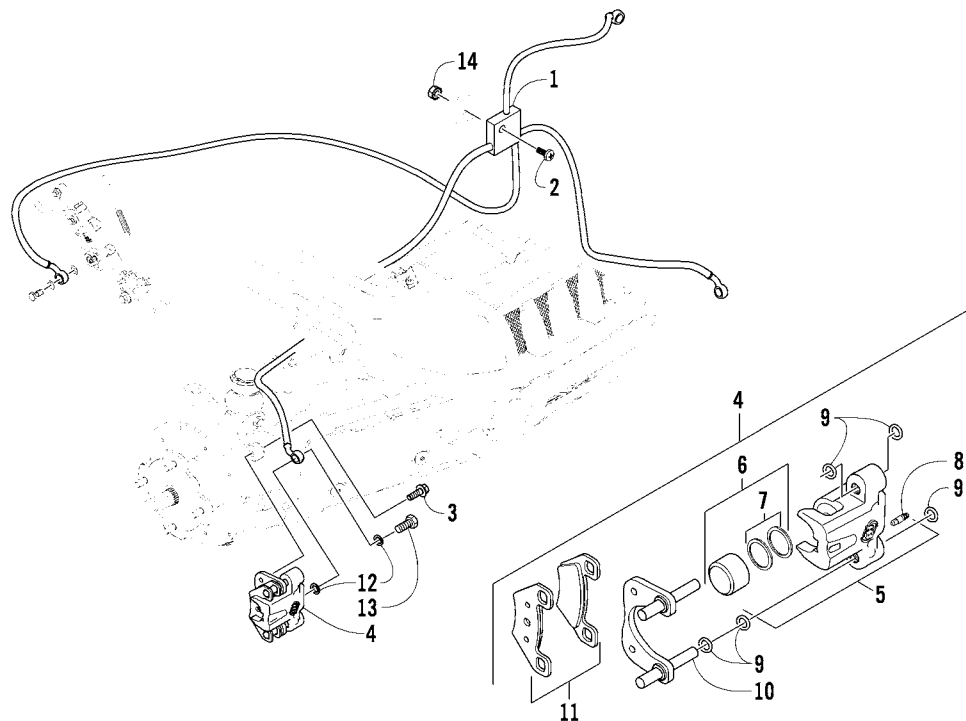
| Ref. | Part No.        | Qty. | Description                              | Ref. | Part No.        | Qty. | Description                                |
|------|-----------------|------|------------------------------------------|------|-----------------|------|--------------------------------------------|
| 1    | <u>1502-162</u> | 1    | Lever, Brake                             | 16   | <u>1502-164</u> | 1    | Bracket, Switch                            |
| 2    | 1602-213        | 2    | O-Ring                                   | 17   | 8408-625        | 2    | Screw, Cap                                 |
| 3    | 8050-252        | 1    | Washer                                   | 18   | <u>1502-296</u> | 1    | Adapter, Hose                              |
| 4    | 8408-816        | 1    | Screw, Cap                               | 19   | 8408-821        | 2    | Screw, Cap                                 |
| 5    | 0502-785        | 1    | Spring, Brake Switch                     | 20   | <u>1436-162</u> | 1    | Caliper, Brake                             |
| 6    | <u>1502-293</u> | 1    | Brake Assembly (inc. 7-9 and one No. 24) |      |                 |      | (inc. 21-23, one No. 24, and 25-27)        |
| 7    | *               | 1    | ● Master Cylinder                        | 21   | <u>1436-160</u> | 1    | ● Housing, Caliper - Assembly - Right Rear |
| 8    | *               | 1    | ● Hose, Brake Reservoir w/Clamps         |      |                 |      | (inc. 22-23 and one No. 24)                |
| 9    | 1502-155        | 1    | ● Reservoir, Brake w/Clamp               | 22   | 0502-606        | 1    | ● ● Piston/Seal Set (inc. 23)              |
| 10   | 0623-038        | 1    | Nut, Flanged                             | 23   | 0502-607        | 1    | ● ● ● Seal Set                             |
| 11   | 8476-616        | 1    | Screw, Machine                           | 24   | 0502-609        | 2    | ● ● Valve, Bleed                           |
| 12   | 0123-788        | AR   | Cable Tie - 7.5 in.                      | 25   | 0502-608        | 1    | ● O-Ring, Guide - Set                      |
| 13   | 1502-139        | 1    | Hose, Brake                              | 26   | 0502-605        | 1    | ● Bracket Assembly                         |
| 14   | 0423-178        | 6    | Washer, Crush                            | 27   | <u>1436-165</u> | 1    | ● Pad, Brake - Set                         |
| 15   | 0423-413        | 3    | Bolt, Banjo-Fitting                      | 28   | 1502-115        | 2    | Clip, Brake Hose                           |



## HYDRAULIC HAND BRAKE ASSEMBLY

0742-962

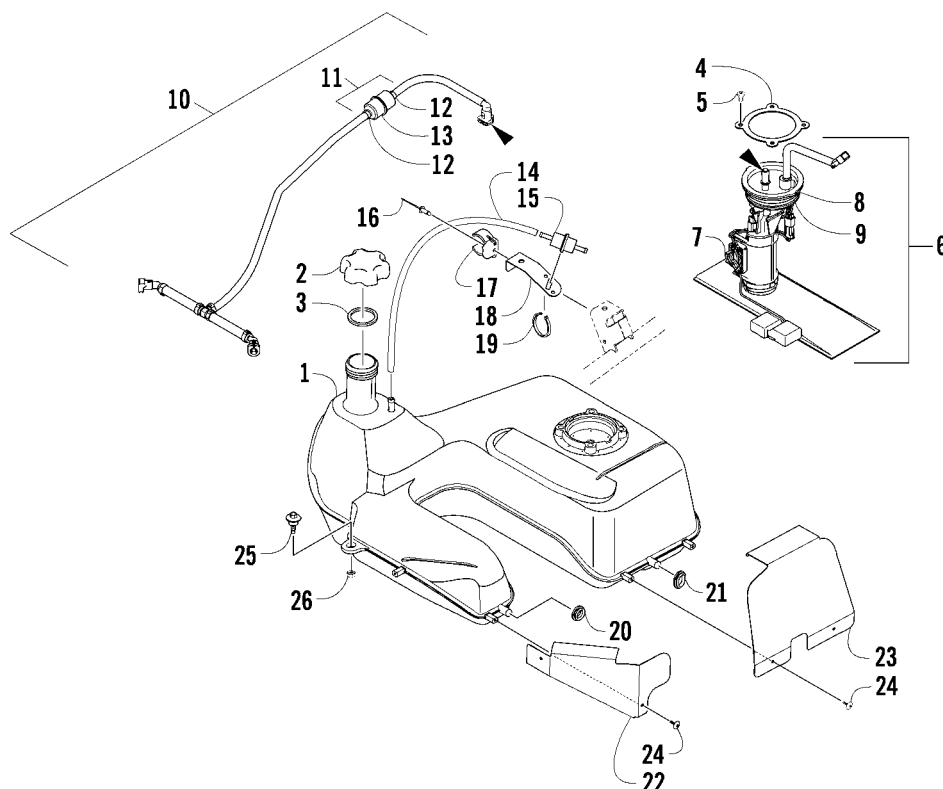
| Ref. | Part No. | Qty. | Description                    | Ref. | Part No. | Qty. | Description                       |
|------|----------|------|--------------------------------|------|----------|------|-----------------------------------|
| 1    | 0502-914 | 1    | Brake Assembly (inc. 2-10)     | 7    | 0502-866 | 1    | ● Lever Assembly - Kit (inc. 8-9) |
| 2    | 0502-566 | 1    | ● Screw, Reservoir Cover       | 8    | 0502-867 | 1    | ● ● Lock, Brake Lever - Kit       |
| 3    | 0502-868 | 1    | ● Cover, Reservoir             | 9    | 0502-580 | 1    | ● ● Lever Pin - Kit               |
| 4    | 0502-568 | 1    | ● Screw, Master Cylinder Clamp | 10   | 0502-564 | 1    | ● Switch, Brake                   |
| 5    | 0502-869 | 1    | ● Clamp, Master Cylinder       | 11   | 0423-178 | 2    | Washer, Crush                     |
| 6    | 0502-704 | 1    | ● Master Cylinder Assembly     | 12   | 0423-413 | 1    | Bolt, Banjo-Fitting               |



## HYDRAULIC BRAKE ASSEMBLY

0742-383

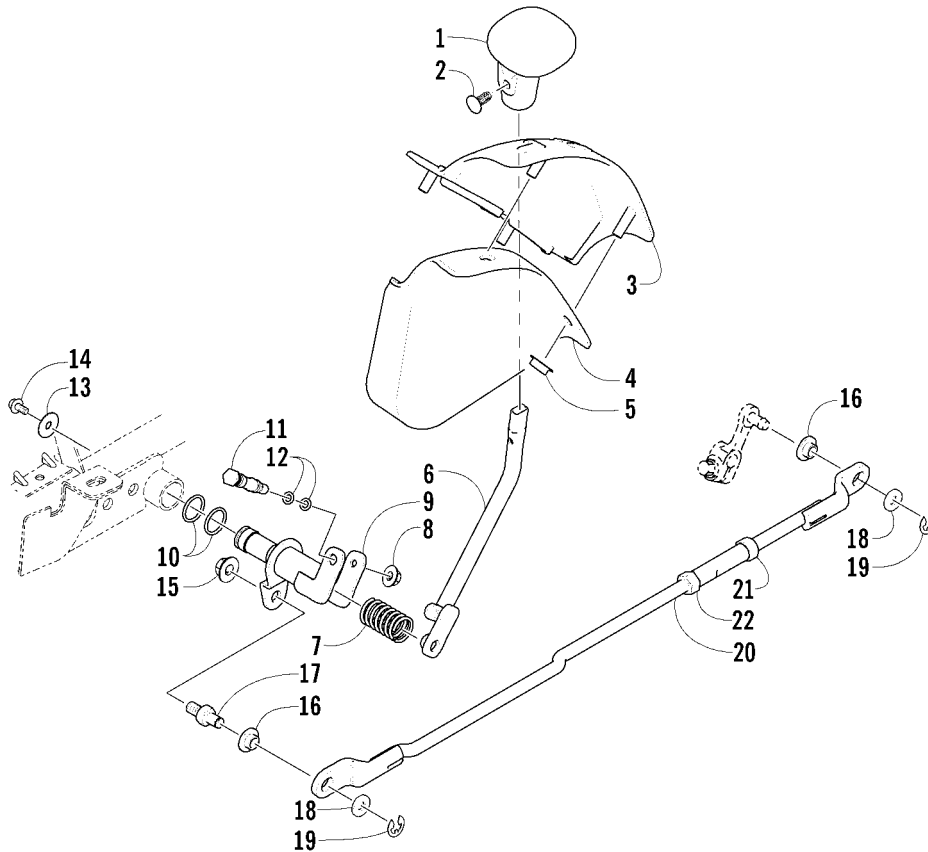
| Ref. | Part No.        | Qty. | Description                                               | Ref. | Part No.        | Qty. | Description                 |
|------|-----------------|------|-----------------------------------------------------------|------|-----------------|------|-----------------------------|
| 1    | 1502-015        | 1    | Hose, Brake - Assembly                                    | 6    | 0502-606        | 2    | ●● Piston/Seal Set (inc. 7) |
| 2    | 8476-625        | 1    | Screw, Cap                                                | 7    | 0502-607        | 2    | ●●● Seal Set                |
| 3    | 8408-821        | 4    | Screw, Cap                                                | 8    | 0502-609        | 2    | ●● Valve, Bleed             |
| 4    | <u>1436-162</u> | 1    | Caliper, Brake - Right Front<br>(inc. 3 and 5-11)         | 9    | 0502-608        | 2    | ● O-Ring, Guide - Set       |
|      | <u>1436-163</u> | 1    | Caliper, Brake - Left Front (inc. 3 and 5-11)             | 10   | 0502-605        | 2    | ● Bracket Assembly          |
| 5    | <u>1436-160</u> | 1    | ● Housing, Caliper - Assembly - Right Front<br>(inc. 6-8) | 11   | <u>1436-165</u> | 2    | ● Pad, Brake - Set          |
|      | <u>1436-161</u> | 1    | ● Housing, Caliper - Assembly - Left Front<br>(inc. 6-8)  | 12   | 0423-178        | 4    | Washer, Crush               |
|      |                 |      |                                                           | 13   | 0423-413        | 2    | Bolt, Banjo-Fitting         |
|      |                 |      |                                                           | 14   | 0623-038        | 1    | Nut w/Washer                |



## GAS TANK ASSEMBLY

0742-963 \*Not a Service Part

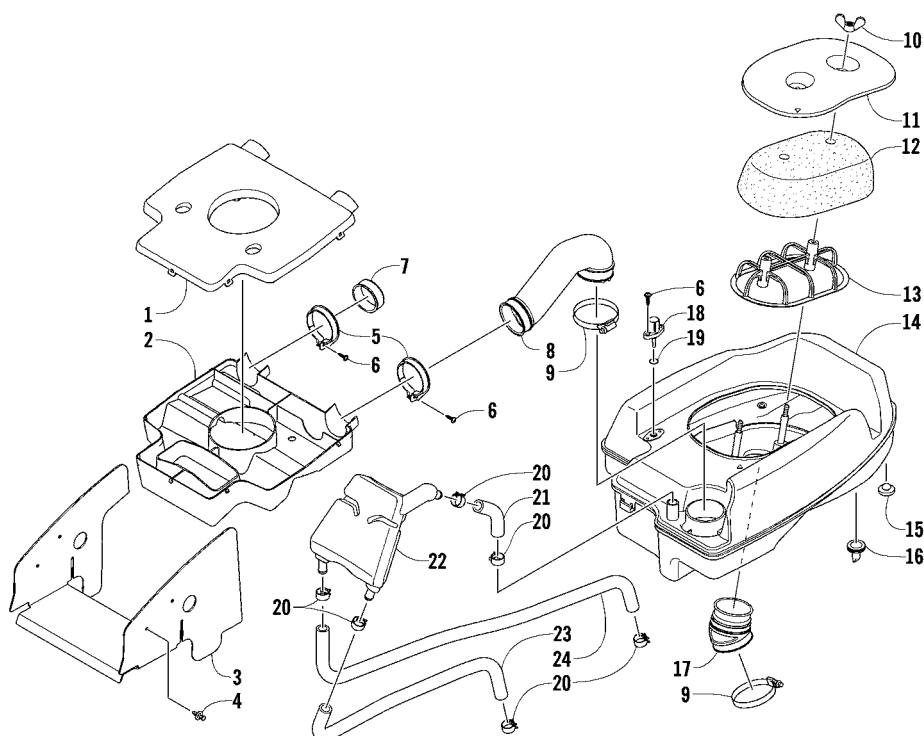
| Ref. | Part No.        | Qty. | Description                                      | Ref. | Part No.        | Qty. | Description                     |
|------|-----------------|------|--------------------------------------------------|------|-----------------|------|---------------------------------|
| 1    | <u>0570-159</u> | 1    | Tank, Gas - Assembly<br>(inc. 2-5 and one No. 9) | 14   | 0410-070        | AR   | Hose, Gasline - 25 ft           |
| 2    | 0470-438        | 1    | ● Cap, Gas Tank (inc. 3)                         | 15   | 0510-335        | 1    | Filter, In-Line                 |
| 3    | 0109-733        | 1    | ● Gasket, Gas Tank Cap                           | 16   | 8060-628        | 1    | Rivet                           |
| 4    | 0470-606        | 1    | ● Plate, Mounting - Fuel Pump                    | 17   | <u>1670-826</u> | 1    | Bracket, Fuel Filter            |
| 5    | 8476-612        | 4    | ● Screw, Self-Tapping                            | 18   | <u>0470-827</u> | 1    | Bracket, Filter Mounting        |
| 6    | <u>0570-207</u> | 1    | Pump, Fuel - Assembly (inc. 7-9)                 | 19   | 0123-788        | 1    | Tie, Cable                      |
| 7    | <u>0570-208</u> | 1    | ● Sensor, Fuel Level - Kit (inc. 8-9)            | 20   | 0423-460        | 1    | Grommet                         |
| 8    | 0470-614        | 1    | ● Seal, Fuel Pump                                | 21   | 0423-806        | 1    | Grommet                         |
| 9    | 0470-613        | 1    | ● Seal, Fuel Pump                                | 22   | <u>0470-709</u> | 1    | Shield, Heat - Gas Tank - Front |
| 10   | <u>0570-244</u> | 1    | Hose, Gasline - Assembly (inc. 11-13)            | 23   | <u>0470-710</u> | 1    | Shield, Heat - Gas Tank - Rear  |
| 11   | <u>0570-246</u> | 1    | ● Filter, Fuel - Kit (inc. 12-13)                | 24   | 0623-797        | 4    | Screw, Self-Tapping             |
| 12   | *               | 2    | ● Clamp                                          | 25   | 0423-732        | 2    | Screw, Gas Tank                 |
| 13   | *               | 1    | ● Filter, Fuel                                   | 26   | 0623-038        | 1    | Nut w/Washer                    |



## SHIFT LEVER ASSEMBLY

0742-964

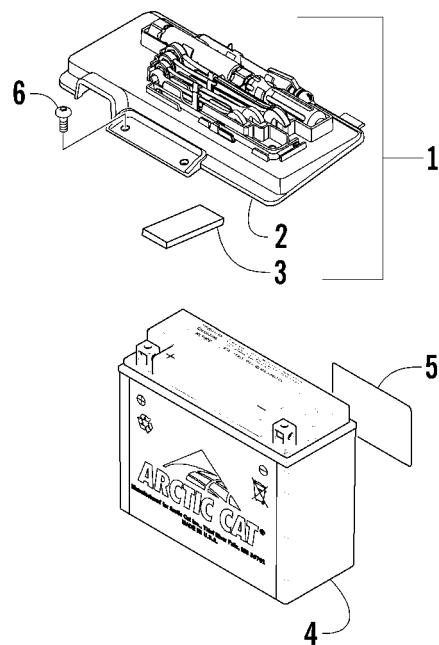
| Ref. | Part No. | Qty. | Description         | Ref. | Part No.        | Qty. | Description                            |
|------|----------|------|---------------------|------|-----------------|------|----------------------------------------|
| 1    | 0402-843 | 1    | Knob, Shift         | 12   | 0423-182        | 2    | O-Ring                                 |
| 2    | 0423-345 | 1    | Clip, Push          | 13   | 0423-087        | 1    | Washer                                 |
| 3    | 1402-576 | 1    | Plate, Shift        | 14   | 8408-812        | 1    | Screw, Cap                             |
| 4    | 2406-345 | 1    | Shield, Shift Plate | 15   | 8424-802        | 1    | Nut, Hex                               |
| 5    | 0423-357 | 4    | Nut, Stamped        | 16   | 0423-091        | 2    | Bushing, Shift Linkage                 |
| 6    | 0502-659 | 1    | Lever, Shift        | 17   | <u>1402-621</u> | 1    | Pin, Mounting - Shift Linkage          |
| 7    | 0402-678 | 1    | Spring, Shift Lever | 18   | 0623-094        | 2    | Washer                                 |
| 8    | 8424-602 | 1    | Nut                 | 19   | 0423-169        | 2    | E-Ring                                 |
| 9    | 0502-742 | 1    | Axle, Shift Lever   | 20   | <u>1502-227</u> | 1    | Linkage, Shift - Assembly (inc. 21-22) |
| 10   | 0423-299 | 2    | O-Ring              | 21   | 0623-294        | 1    | ● Nut, Hex - Right-Hand Thread         |
| 11   | 0402-675 | 1    | Axle, Pivot         | 22   | 0123-917        | 1    | ● Nut, Hex - Left-Hand Thread          |



## AIR INTAKE ASSEMBLY

0742-966

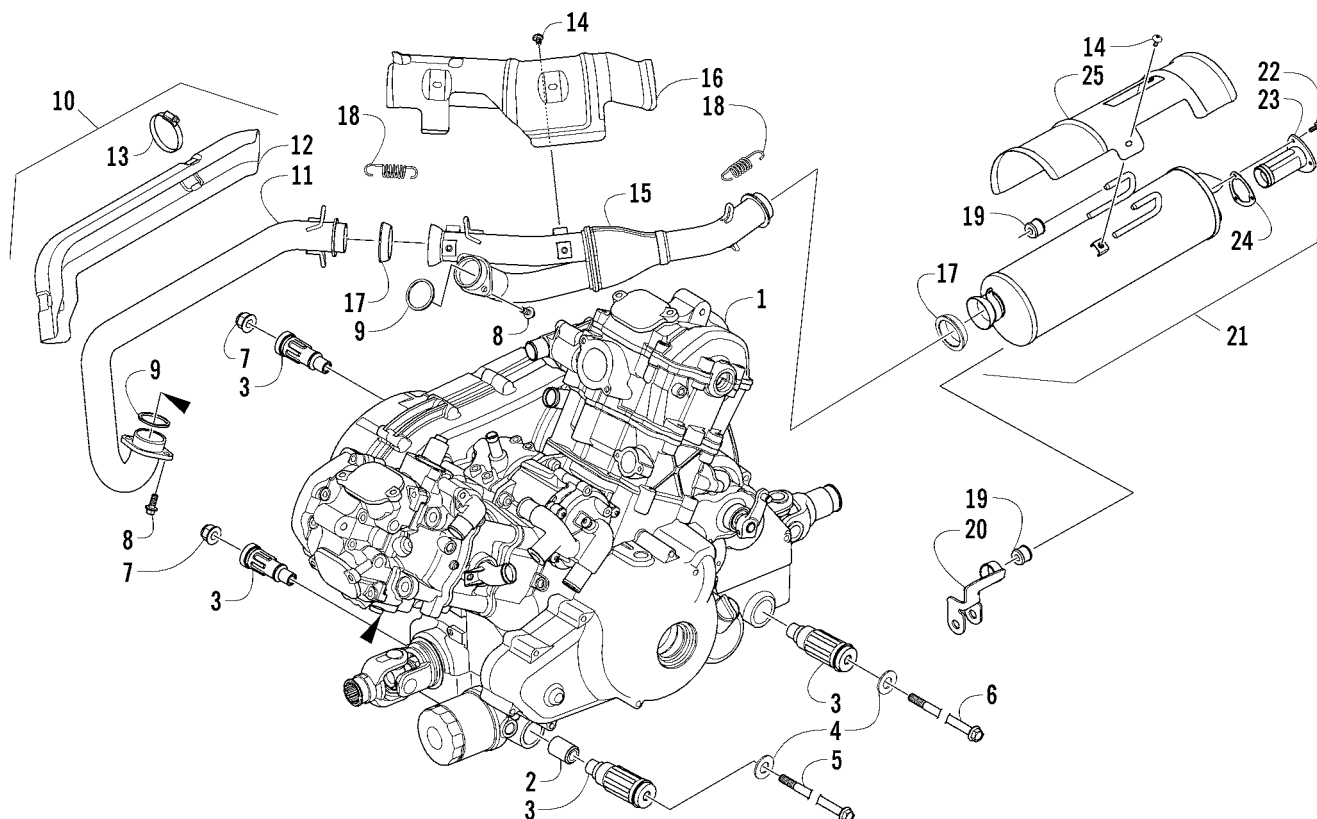
| Ref. | Part No.        | Qty. | Description                | Ref. | Part No.        | Qty. | Description                       |
|------|-----------------|------|----------------------------|------|-----------------|------|-----------------------------------|
| 1    | 0413-091        | 1    | Diverter, Air - Top        | 13   | <u>0470-731</u> | 1    | Cage, Air Filter                  |
| 2    | 0413-093        | 1    | Diverter, Air - Bottom     | 14   | <u>0570-221</u> | 1    | Housing, Air Intake               |
| 3    | <u>2406-509</u> | 1    | Shroud, Splash             | 15   | 0406-877        | 4    | Bumper                            |
| 4    | 0623-362        | 2    | Rivet, Reinstallable       | 16   | 0470-442        | 2    | Valve, Drain                      |
| 5    | 0423-551        | 2    | Clamp                      | 17   | <u>0470-638</u> | 1    | Boot, Throttle Body               |
| 6    | 0423-342        | 4    | Screw, Self-Tapping        | 18   | <u>0430-055</u> | 1    | Sensor, Air Temperature (inc. 19) |
| 7    | 0413-096        | 1    | Cap, Air Intake - Diverter | 19   | 5507-224        | 1    | ● Grommet                         |
| 8    | 0470-583        | 1    | Boot, Air Intake           | 20   | 1623-285        | 6    | Clamp, Hose                       |
| 9    | 0423-019        | 2    | Clamp                      | 21   | <u>0410-152</u> | 1    | Hose, Separator Tank              |
| 10   | 0423-716        | 2    | Wing Nut                   | 22   | <u>0470-718</u> | 1    | Tank, Separator                   |
| 11   | 0470-616        | 1    | Cover, Air Intake          | 23   | <u>0410-150</u> | 1    | Hose, Crankcase                   |
| 12   | <u>0470-828</u> | 1    | Filter, Air                | 24   | <u>0410-151</u> | 1    | Hose, Crankcase                   |



BATTERY ASSEMBLY

0742-965 \*Not Illustrated

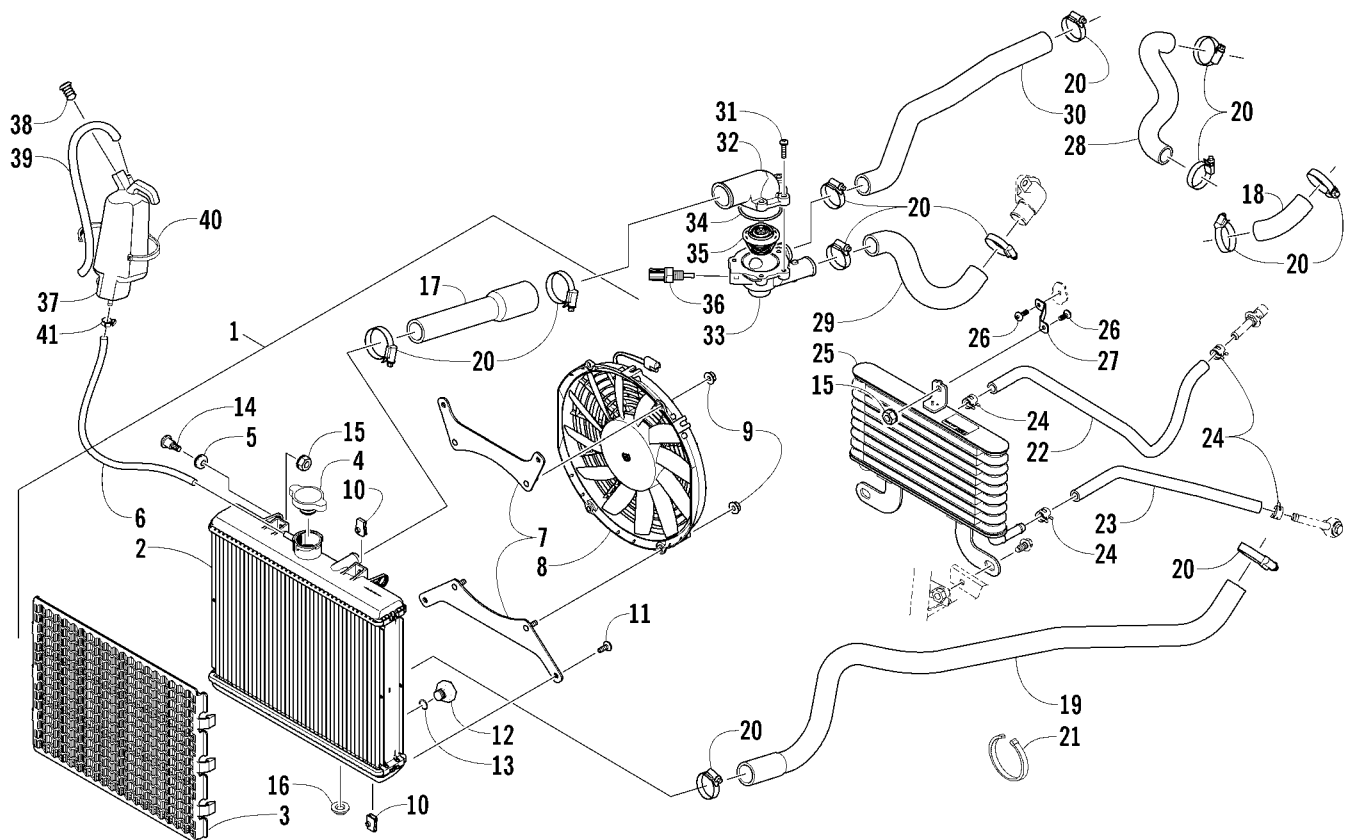
| Ref. | Part No. | Qty. | Description                                 | Ref. | Part No. | Qty. | Description                |
|------|----------|------|---------------------------------------------|------|----------|------|----------------------------|
| 1    | 5991-395 | 1    | Battery Cover/Tool Tray Assembly (inc. 2-3) | 4    | 0645-480 | 1    | Battery Assembly (inc. 5)  |
| 2    | 2406-815 | 1    | ● Cover, Battery                            | 5    | 0645-430 | 1    | ● Decal, Battery - Warning |
| 3    | 0406-288 | 2    | ● Pad, Battery                              | 6    | 8476-620 | 2    | Screw, Machine             |
| *    | 0444-122 | 1    | ● Kit, Tool                                 |      |          |      |                            |



## ENGINE AND EXHAUST

0742-236

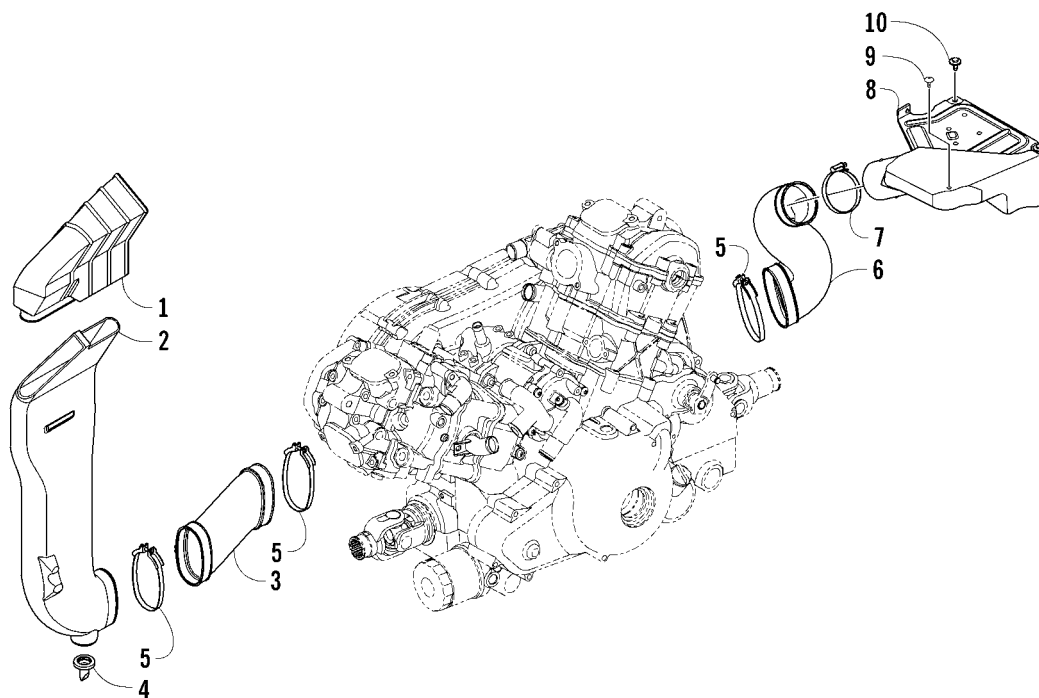
| Ref. | Part No.        | Qty. | Description                           | Ref. | Part No.        | Qty. | Description                     |
|------|-----------------|------|---------------------------------------|------|-----------------|------|---------------------------------|
| 1    | <u>0800-021</u> | 1    | Engine, AGZa (inc. 2-3)               | 14   | 8477-610        | 7    | Screw, Machine                  |
| 2    | <u>0801-128</u> | 1    | ● Spacer, Engine Mount                | 15   | <u>0512-352</u> | 1    | Pipe, Exhaust - Rear            |
| 3    | <u>0801-091</u> | 4    | ● Mount, Rubber - Engine              | 16   | 0412-403        | 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, Exhaust Pipe           |
| 7    | 8428-002        | 2    | Nut, Lock                             | 20   | <u>2506-631</u> | 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   | <u>0512-433</u> | 1    | Pipe, Exhaust - Assembly (inc. 11-13) | 23   | 0512-219        | 1    | ● Arrestor, Spark - Assembly    |
| 11   | <u>0512-349</u> | 1    | ● Pipe, Exhaust                       | 24   | 0412-313        | 1    | ● Gasket, Spark Arrestor        |
| 12   | <u>0412-400</u> | 1    | ● Shield, Exhaust Pipe                | 25   | 0412-373        | 1    | Cover, Muffler                  |
| 13   | 0423-317        | 3    | ● Hose Clamp                          |      |                 |      |                                 |



## COOLING ASSEMBLY

0742-978

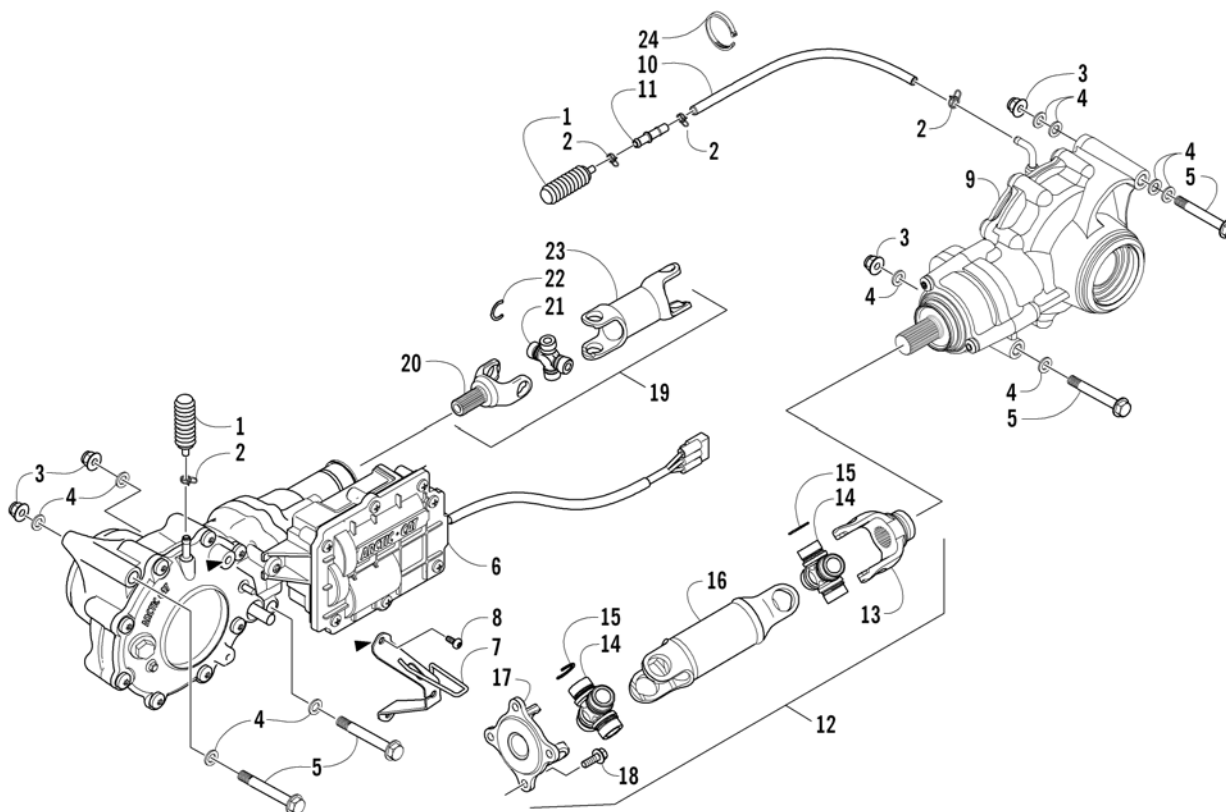
| Ref. | Part No.        | Qty. | Description                                 | Ref. | Part No.        | Qty. | Description                            |
|------|-----------------|------|---------------------------------------------|------|-----------------|------|----------------------------------------|
| 1    | <u>0413-178</u> | 1    | Radiator Assembly (inc. 2-13)               | 21   | 0123-788        | 2    | Cable Tie                              |
| 2    | <u>0413-179</u> | 1    | ● Radiator                                  | 22   | <u>0410-168</u> | 1    | Hose, Oil Cooler - Out                 |
| 3    | <u>0413-181</u> | 1    | ● Screen, Radiator                          | 23   | <u>0410-149</u> | 1    | Hose, Oil Cooler - In                  |
| 4    | 0413-002        | 1    | ● Cap, Radiator                             | 24   | 0423-632        | 4    | Clamp, Hose                            |
| 5    | 0423-030        | 2    | ● Grommet                                   | 25   | 0413-163        | 1    | Cooler, Oil                            |
| 6    | 0610-016        | AR   | ● Hose - 25 ft                              | 26   | 8476-612        | 2    | Screw, Machine                         |
| 7    | <u>0413-190</u> | 1    | ● Bracket, Mounting - Fan - Upper           | 27   | 0513-022        | 1    | Bracket, Mounting - Oil Cooler - Upper |
|      | <u>0413-191</u> | 1    | ● Bracket, Mounting - Fan - Lower           | 28   | <u>0410-116</u> | 1    | Hose, Coolant                          |
| 8    | 0413-123        | 1    | ● Fan, Cooling                              | 29   | <u>0410-117</u> | 1    | Hose, Coolant - No. 1                  |
| 9    | 8424-602        | 4    | ● Nut, Hex                                  | 30   | <u>0410-118</u> | 1    | Hose, Coolant - No. 2                  |
| 10   | 0423-577        | 4    | ● Clip, U-Nut                               | 31   | 8470-520        | 4    | Screw, Machine                         |
| 11   | 8476-616        | 4    | ● Screw, Machine                            | 32   | 0808-092        | 1    | Cover, Thermostat                      |
| 12   | <u>0413-195</u> | 1    | ● Plug, Drain                               | 33   | 0808-091        | 1    | Housing, Thermostat                    |
| 13   | 1602-213        | 1    | ● O-Ring                                    | 34   | 0830-173        | 1    | O-Ring                                 |
| 14   | 0423-484        | 2    | Screw, Shoulder                             | 35   | 0808-093        | 1    | Thermostat                             |
| 15   | 0623-038        | 2    | Nut w/Washer                                | 36   | 0808-124        | 1    | Sensor, Water Temperature              |
| 16   | 0423-028        | 2    | Bushing, Stem                               | 37   | 0413-086        | 1    | Bottle, Overflow                       |
| 17   | <u>0410-120</u> | 1    | Hose, Coolant - Radiator/Thermostat - Upper | 38   | 0413-087        | 1    | Stopper, Overflow Bottle               |
| 18   | <u>0410-115</u> | 1    | Hose, Coolant - Crossover                   | 39   | 0610-011        | AR   | Hose, Clear - 25 ft                    |
| 19   | <u>0410-119</u> | 1    | Hose, Coolant - Suction Pump - Lower        | 40   | 0623-316        | 1    | Cable Tie                              |
| 20   | 0423-496        | 12   | Clamp, Hose                                 | 41   | 0124-045        | 1    | Clamp, Hose                            |



## CASE/BELT COOLING ASSEMBLY

0742-968

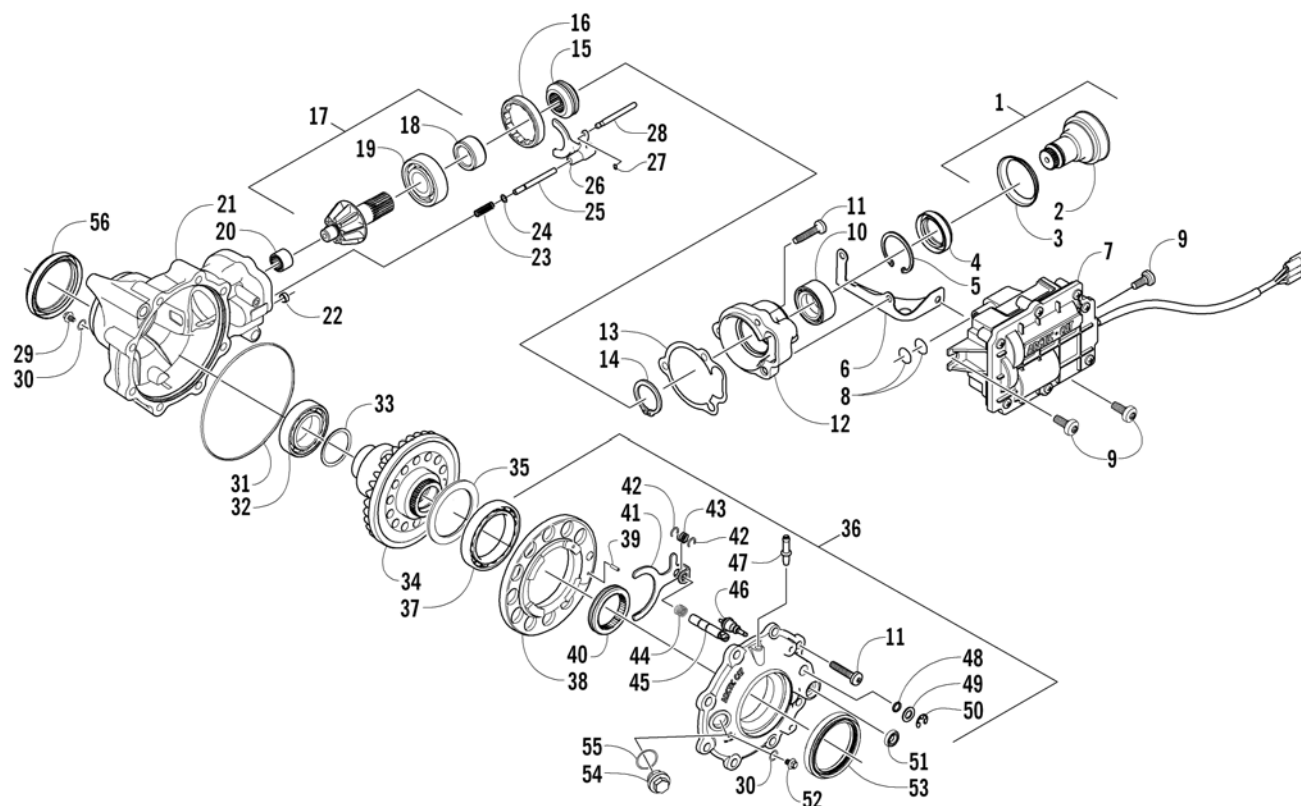
| Ref. | Part No.        | Qty. | Description            | Ref. | Part No.        | Qty. | Description             |
|------|-----------------|------|------------------------|------|-----------------|------|-------------------------|
| 1    | <u>0413-137</u> | 1    | Shroud, Air - Air In   | 6    | <u>0413-135</u> | 1    | Boot, Cooling - Air Out |
| 2    | <u>0413-138</u> | 1    | Duct, Cooling - Air In | 7    | 0423-019        | 1    | Clamp                   |
| 3    | <u>0413-139</u> | 1    | Boot, Cooling - Air In | 8    | <u>0413-194</u> | 1    | Duct, Cooling - Air Out |
| 4    | 0470-442        | 1    | Valve, Drain           | 9    | 0623-797        | 1    | Screw, Self-Tapping     |
| 5    | 0423-730        | 3    | Clamp, Screw           | 10   | 0623-362        | 2    | Rivet, Plastic          |



## DRIVE TRAIN ASSEMBLY

0742-971

| Ref. | Part No.        | Qty. | Description                              | Ref. | Part No.        | Qty. | Description                               |
|------|-----------------|------|------------------------------------------|------|-----------------|------|-------------------------------------------|
| 1    | 0402-147        | 2    | Bladder, Gearcase                        | 13   | <u>1402-567</u> | 1    | ● Yoke, Slip                              |
| 2    | 0423-315        | 4    | Clamp, Fitting                           | 14   | 0402-944        | 2    | ● Joint, Universal (inc. 15)              |
| 3    | 8428-002        | 4    | Nut, Lock                                | 15   | 0423-395        | 8    | ●● Ring, Retaining                        |
| 4    | 0423-426        | 10   | Washer                                   | 16   | <u>1502-099</u> | 1    | ● Driveshaft, Rear                        |
| 5    | 0423-404        | 4    | Screw, Cap                               | 17   | <u>1402-689</u> | 1    | ● Yoke, Flange                            |
| 6    | <u>1502-281</u> | 1    | Gearcase, Front                          | 18   | 8408-820        | 4    | Screw, Cap                                |
| 7    | 0502-500        | 1    | Plate, Cable                             | 19   | <u>1502-279</u> | 1    | Driveshaft, Front - Assembly (inc. 20-23) |
| 8    | 0423-396        | 2    | Screw, Self-Tapping                      | 20   | 1402-439        | 1    | ● Yoke, Slip                              |
| 9    | <u>1502-280</u> | 1    | Gearcase, Rear                           | 21   | 1402-164        | 2    | ● Joint, Universal (inc. 22)              |
| 10   | 0410-048        | AR   | Hose, Vent - 25 ft                       | 22   | 0423-450        | 8    | ●● Ring, Retaining                        |
| 11   | 0470-462        | 1    | Fitting, Vent                            | 23   | <u>1502-219</u> | 1    | ● Driveshaft, Front                       |
| 12   | <u>1502-098</u> | 1    | Driveshaft, Rear - Assembly (inc. 13-17) | 24   | 0123-788        | AR   | Tie, Cable                                |

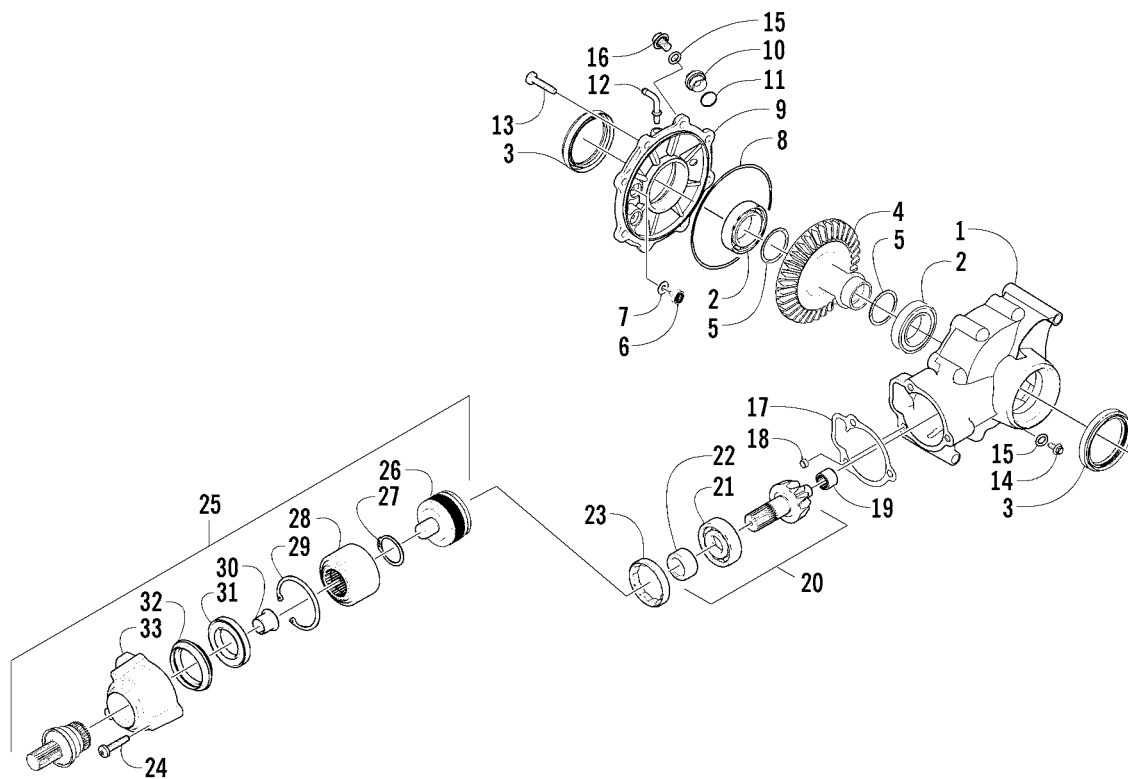


## FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-281)

0742-557

| Ref. | Part No. | Qty. | Description                                | Ref. | Part No.        | Qty. | Description                                 |
|------|----------|------|--------------------------------------------|------|-----------------|------|---------------------------------------------|
| 1    | 0502-923 | 1    | Shaft, Propeller - Assembly (inc. 2-3)     | 33   | 0402-405        | AR   | Shim                                        |
| 2    | 1402-438 | 1    | ● Shaft, Input                             |      | 0402-406        | AR   | Shim                                        |
| 3    | 1402-168 | 1    | ● Deflector                                |      | 0402-407        | AR   | Shim                                        |
| 4    | 1402-011 | 1    | Seal                                       |      | 0402-408        | AR   | Shim                                        |
| 5    | 0423-423 | 1    | Ring, Retaining                            |      | 0402-409        | AR   | Shim                                        |
| 6    | 0502-347 | 1    | Bracket, Actuator                          | 34   | <u>1502-233</u> | 1    | Gear, Ring - 34T                            |
| 7    | 0502-579 | 1    | Actuator (inc. one No. 8)                  | 35   | 1402-074        | AR   | Shim                                        |
| 8    | 0423-498 | 2    | ● O-Ring                                   |      | 1402-075        | AR   | Shim                                        |
| 9    | 0423-396 | 3    | Screw, Self-Tapping                        |      | 1402-076        | AR   | Shim                                        |
| 10   | 1402-043 | 1    | Bearing                                    |      | 1402-077        | AR   | Shim                                        |
| 11   | 0423-118 | 11   | Screw, Self-Tapping                        |      | 1402-078        | AR   | Shim                                        |
| 12   | 0502-528 | 1    | Housing, Pinion                            | 36   | 1502-097        | 1    | Cover, Gearcase (inc. one No. 30 and 37-53) |
| 13   | 0402-947 | 1    | Gasket, Flange                             | 37   | 1402-053        | 1    | ● Bearing                                   |
| 14   | 0423-417 | 1    | Ring, Retaining                            | 38   | 0502-413        | 1    | ● Flange, Bearing                           |
| 15   | 0402-413 | 1    | Coupler, Drive                             | 39   | 1402-079        | 1    | ● Pin, Parallel                             |
| 16   | 0402-357 | 1    | Collar, Lock                               | 40   | 1402-042        | 1    | ● Collar, Sliding                           |
| 17   | 0502-784 | 1    | Gear, Pinion - Assembly - 11T (inc. 18-19) | 41   | 1402-054        | 1    | ● Fork                                      |
| 18   | 0402-336 | 1    | ● Collar, Retaining                        | 42   | 1402-058        | 2    | ● Ring, Retaining                           |
| 19   | 0402-327 | 1    | ● Bearing                                  | 43   | 1402-057        | 1    | ● Spring                                    |
| 20   | 0402-328 | 1    | Bearing                                    | 44   | 1402-063        | 1    | ● Spring                                    |
| 21   | 0502-514 | 1    | Housing, Gearcase                          | 45   | 1402-055        | 1    | ● Shaft, Lock                               |
| 22   | 0402-411 | 1    | Pin, Dowel                                 | 46   | 0402-419        | 1    | ● Switch, Indicator                         |
| 23   | 0402-999 | 1    | Spring, Return                             | 47   | 1402-104        | 1    | ● Fitting                                   |
| 24   | 0423-147 | 1    | O-Ring                                     | 48   | 0423-133        | 1    | ● O-Ring                                    |
| 25   | 0402-417 | 1    | Shaft, Shuttle                             | 49   | 0423-132        | 1    | ● Washer                                    |
| 26   | 0402-998 | 1    | Fork, Selector                             | 50   | 0423-424        | 1    | ● Ring, Retaining                           |
| 27   | 0423-402 | 1    | Ring, Retaining                            | 51   | 1402-056        | 1    | ● Seal                                      |
| 28   | 0402-997 | 1    | Shaft, Selector                            | 52   | 1402-211        | 1    | ● Plug, Oil Level (inc. one No. 30)         |
| 29   | 1402-210 | 1    | Plug, Magnetic (inc. one No. 30)           | 53   | 1402-441        | 1    | ● Seal                                      |
| 30   | 0423-153 | 2    | ● O-Ring                                   | 54   | 0402-333        | 1    | Plug, Fill (inc. 55)                        |
| 31   | 0423-149 | 1    | O-Ring                                     | 55   | 0423-154        | 1    | ● O-Ring                                    |
| 32   | 0402-393 | 1    | Bearing                                    | 56   | 0402-394        | 1    | Seal                                        |

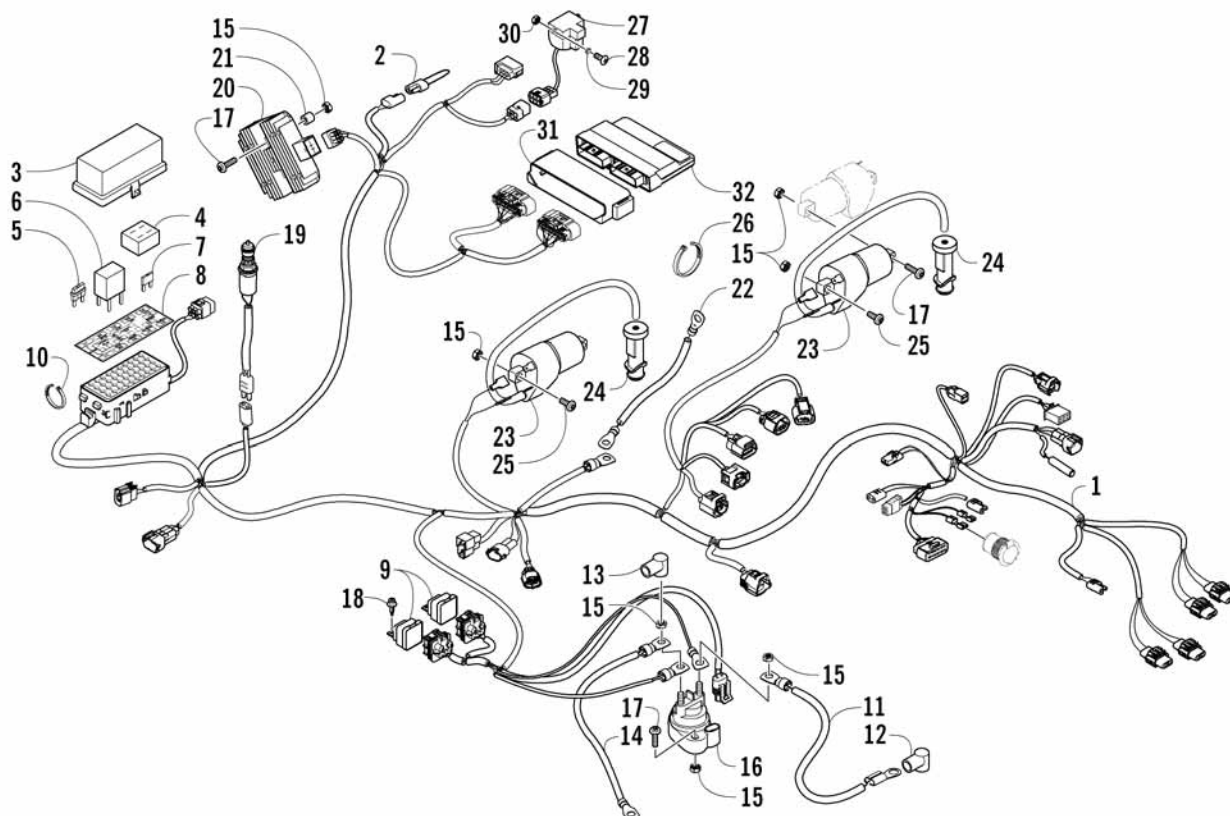


## REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-280)

0742-972

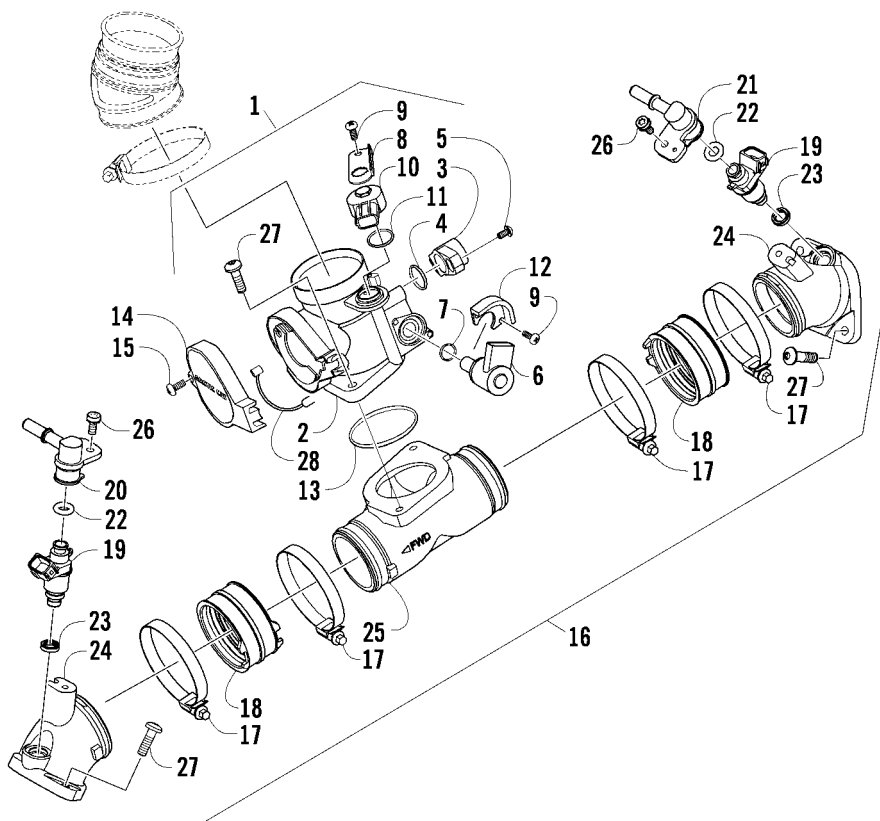
| Ref. | Part No.        | Qty. | Description          | Ref. | Part No.        | Qty. | Description                                |
|------|-----------------|------|----------------------|------|-----------------|------|--------------------------------------------|
| 1    | <u>1502-317</u> | 1    | Housing, Gearcase    | 14   | 0402-450        | 1    | Plug, Magnetic (inc. one No. 15)           |
| 2    | 0402-393        | 2    | Bearing              | 15   | 0423-153        | 2    | ● O-Ring                                   |
| 3    | 1402-441        | 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, Flange                             |
| 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   | <u>1502-284</u> | 1    | Shaft, Input (inc. 26-33)                  |
|      | 0402-431        | AR   | Shim                 | 26   | <u>1502-287</u> | 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, Flanger                         |
| 10   | 0402-333        | 1    | Plug, Fill (inc. 11) | 31   | 1402-677        | 1    | ● Bearing, Ball                            |
| 11   | 0423-154        | 1    | ● O-Ring             | 32   | 1402-687        | 1    | ● Seal, Dual Lip                           |
| 12   | 1402-102        | 1    | Fitting              | 33   | <u>1502-285</u> | 1    | ● Housing, Input                           |
| 13   | 0423-118        | 8    | Screw, Self-Tapping  |      |                 |      |                                            |



## WIRING HARNESS ASSEMBLY

0742-973

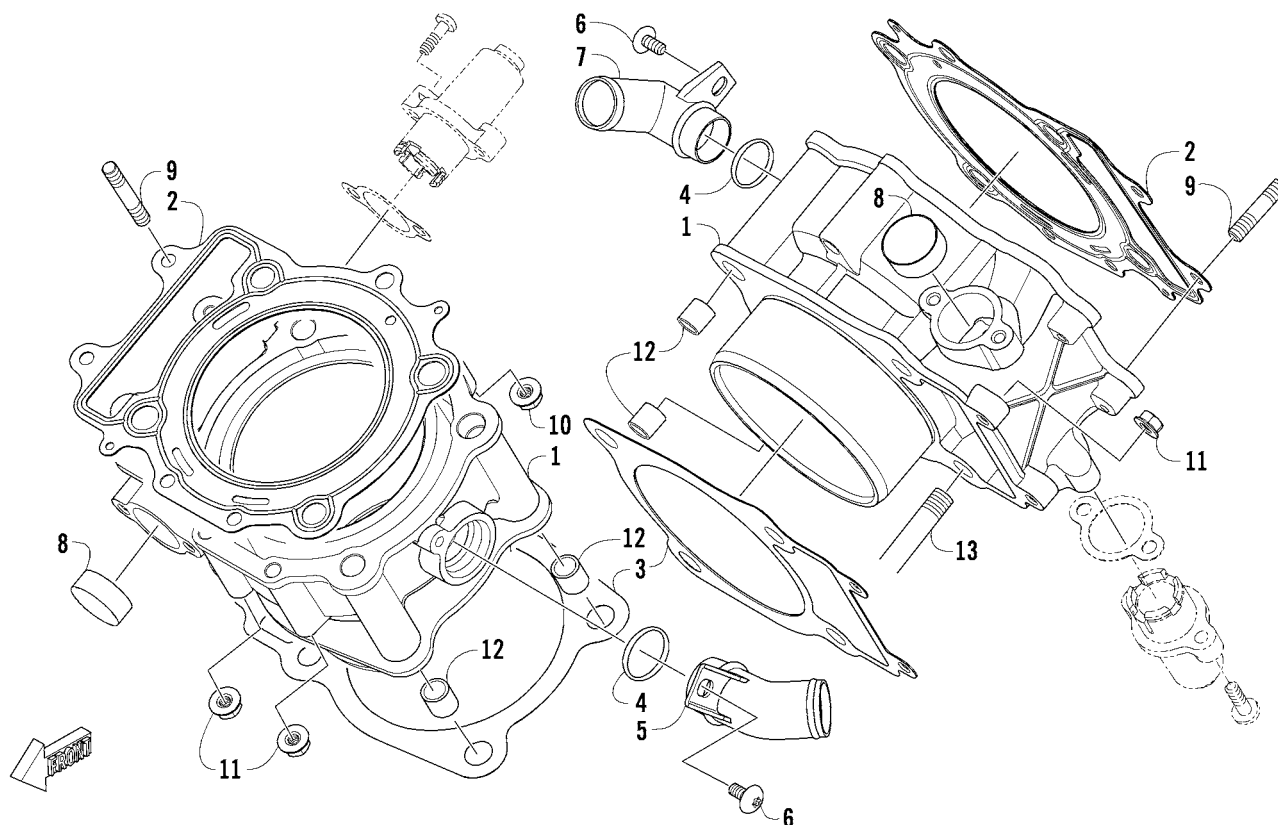
| Ref. | Part No.        | Qty. | Description                       | Ref. | Part No.        | Qty. | Description               |
|------|-----------------|------|-----------------------------------|------|-----------------|------|---------------------------|
| 1    | <u>0486-278</u> | 1    | Harness, Main (inc. 2-9)          | 16   | 0445-058        | 1    | Solenoid                  |
| 2    | 0486-164        | 1    | ● Tether, Accessory Connector     | 17   | 8476-630        | 5    | Screw, Machine            |
| 3    | 0530-008        | 1    | ● Cover, Fuse Block               | 18   | 0623-362        | 2    | Rivet, Reinstallable      |
| 4    | 0430-037        | 1    | ● Holder, Fuse                    | 19   | 0409-089        | 1    | Switch, Brake - Assembly  |
| 5    | 0430-034        | 2    | ● Diode                           | 20   | 0824-037        | 1    | Regulator, Voltage        |
| 6    | 0430-045        | 5    | ● Relay (4-Pin) - 20 Amp          | 21   | 0423-036        | 2    | Collar                    |
| 7    | 0430-032        | 5    | ● Fuse - 10 Amp                   | 22   | <u>0445-071</u> | 1    | Cable, Battery/Ground     |
|      | 0430-031        | 3    | ● Fuse - 15 Amp                   | 23   | <u>0824-043</u> | 2    | Coil, Ignition - Assembly |
|      | 0430-030        | 2    | ● Fuse - 30 Amp                   | 24   | <u>0824-049</u> | 2    | Cap, Spark Plug           |
| 8    | <u>1411-526</u> | 1    | ● Decal, Fuse Block               | 25   | 8476-620        | 2    | Screw, Machine            |
| 9    | 0430-052        | 2    | ● Relay (5-Pin) - 30 Amp          | 26   | 0123-903        | AR   | Cable Tie - 11.5 in.      |
| 10   | 0123-788        | AR   | Cable Tie - 7.5 in.               | 27   | 0409-064        | 1    | Switch, Invert Sensor     |
| 11   | <u>0445-066</u> | 1    | Cable, Solenoid/Starter (inc. 12) | 28   | 8468-425        | 2    | Screw, Machine            |
| 12   | 0645-019        | 1    | ● Boot, Terminal                  | 29   | 0123-802        | 2    | Washer                    |
| 13   | 0645-327        | 1    | Boot, Terminal - Solenoid         | 30   | 0423-493        | 2    | Nut w/Washer              |
| 14   | 0445-062        | 1    | Cable, Battery/Solenoid           | 31   | 0430-059        | 1    | Cushion                   |
| 15   | 0623-038        | 9    | Nut w/Washer                      | 32   | <u>0530-015</u> | 1    | Electronic Control Unit   |



## THROTTLE BODY ASSEMBLY

0742-977 \*Not a Service Part

| Ref. | Part No.        | Qty. | Description                        | Ref. | Part No.        | Qty. | Description                              |
|------|-----------------|------|------------------------------------|------|-----------------|------|------------------------------------------|
| 1    | <u>0470-686</u> | 1    | Throttle - Assembly (inc. 2-14)    | 15   | 5507-037        | 1    | Screw                                    |
| 2    | *               | 1    | ● Throttle Body                    | 16   | <u>0570-230</u> | 1    | Manifold, Intake - Assembly (inc. 17-26) |
| 3    | <u>0430-072</u> | 1    | ● Sensor, Throttle Position        | 17   | 0423-066        | 4    | ● Clamp, Worm                            |
| 4    | <u>5507-234</u> | 1    | ● O-Ring, Throttle Position Sensor | 18   | <u>0470-660</u> | 2    | ● Boot, Intake - Manifold                |
| 5    | <u>5507-231</u> | 1    | ● Screw, Throttle Position Sensor  | 19   | <u>0470-688</u> | 2    | ● Injector, Fuel                         |
| 6    | <u>0430-074</u> | 1    | ● Valve, ISC                       | 20   | <u>0470-763</u> | 1    | ● Rail, Fuel - Front Cylinder            |
| 7    | <u>5507-233</u> | 1    | ● O-Ring, ISC Valve                | 21   | <u>0470-764</u> | 1    | ● Rail, Fuel                             |
| 8    | <u>5507-227</u> | 1    | ● Bracket, MAP Sensor              | 22   | 0470-767        | 2    | ● O-Ring, Fuel Injector                  |
| 9    | <u>5507-117</u> | 2    | ● Screw                            | 23   | 0470-768        | 2    | ● Ring, Seal - Fuel Injector             |
| 10   | <u>0430-073</u> | 1    | ● Sensor, MAP                      | 24   | <u>0570-140</u> | 2    | ● Manifold, Intake                       |
| 11   | <u>5507-232</u> | 1    | ● O-Ring, MAP Sensor               | 25   | <u>0570-156</u> | 1    | ● Plenum, Intake                         |
| 12   | <u>5507-229</u> | 1    | ● Plate, ISC Valve                 | 26   | 0423-371        | 2    | ● Screw, Machine                         |
| 13   | <u>5507-235</u> | 1    | ● O-Ring                           | 27   | 0826-008        | 6    | Screw, Machine                           |
| 14   | <u>5507-223</u> | 1    | ● Cover                            | 28   | 0487-046        | 1    | Cable, Throttle                          |

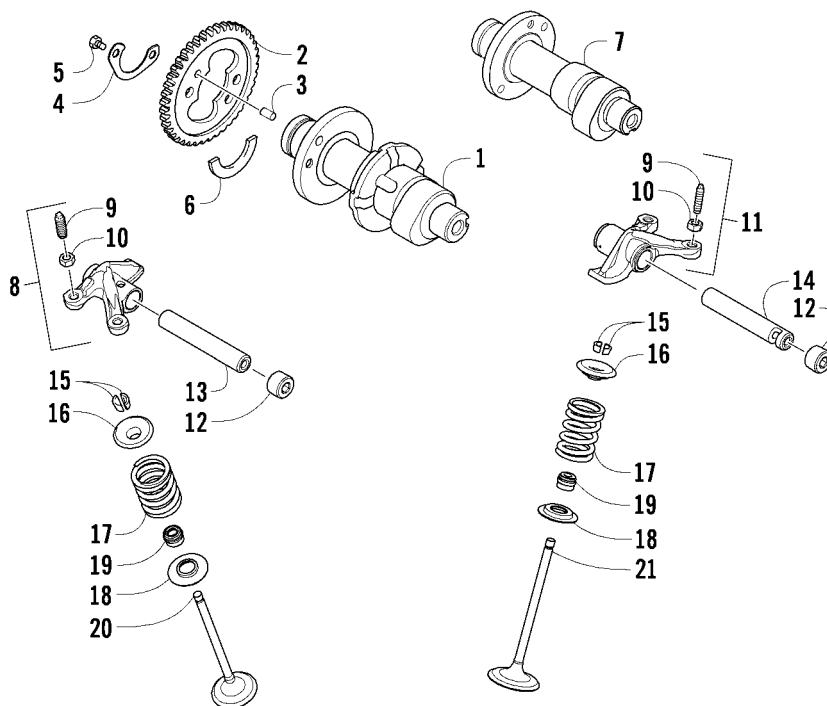


## CYLINDER ASSEMBLY

0742-230

| Ref. | Part No.        | Qty. | Description         | Ref. | Part No.        | Qty. | Description     |
|------|-----------------|------|---------------------|------|-----------------|------|-----------------|
| 1    | <u>0804-031</u> | 2    | Cylinder            | 8    | <u>0804-037</u> | 2    | Plug, Cylinder  |
| 2    | <u>0830-126</u> | 2    | Gasket, Head        | 9    | <u>0827-002</u> | 4    | Bolt, Stud      |
| 3    | <u>0830-127</u> | 2    | Gasket, Base        | 10   | <u>8424-804</u> | 2    | Nut, Hex Flange |
| 4    | <u>0830-007</u> | 2    | O-Ring              | 11   | <u>8424-604</u> | 12   | Nut, Hex Flange |
| 5    | <u>0804-046</u> | 1    | Union, Coolant Hose | 12   | <u>0829-002</u> | 4    | Dowel, Sleeve   |
| 6    | <u>8468-612</u> | 2    | Screw, Machine      | 13   | <u>0827-018</u> | 4    | Bolt, Stud      |
| 7    | <u>0804-030</u> | 1    | Union, Coolant Hose |      |                 |      |                 |

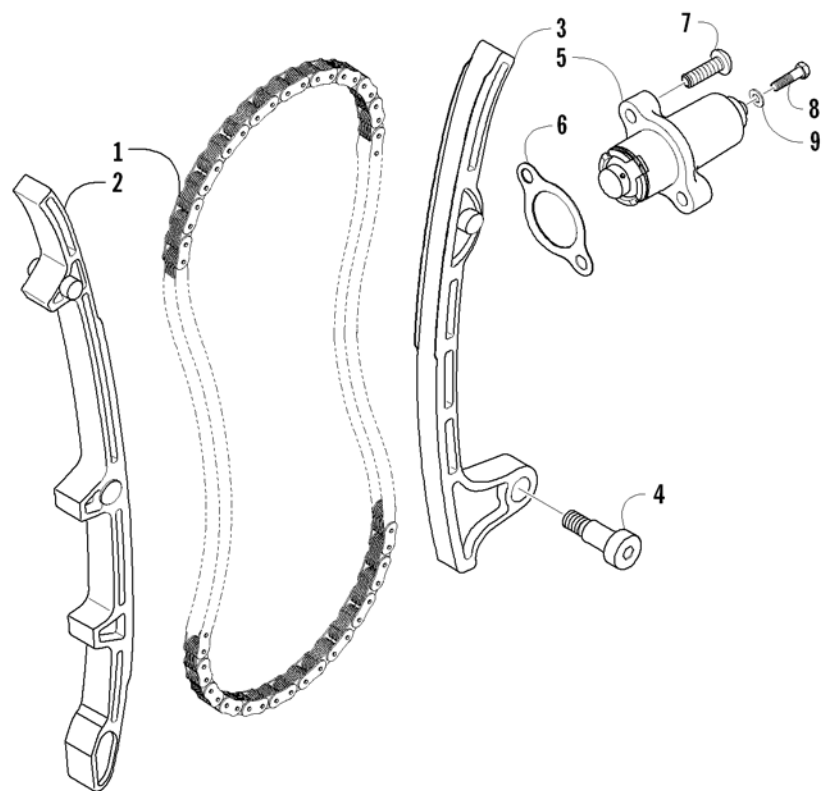
28



## CAMSHAFT/VALVE ASSEMBLY

0742-233 \*Included in Cylinder Head Assembly (p/n 0808-053)

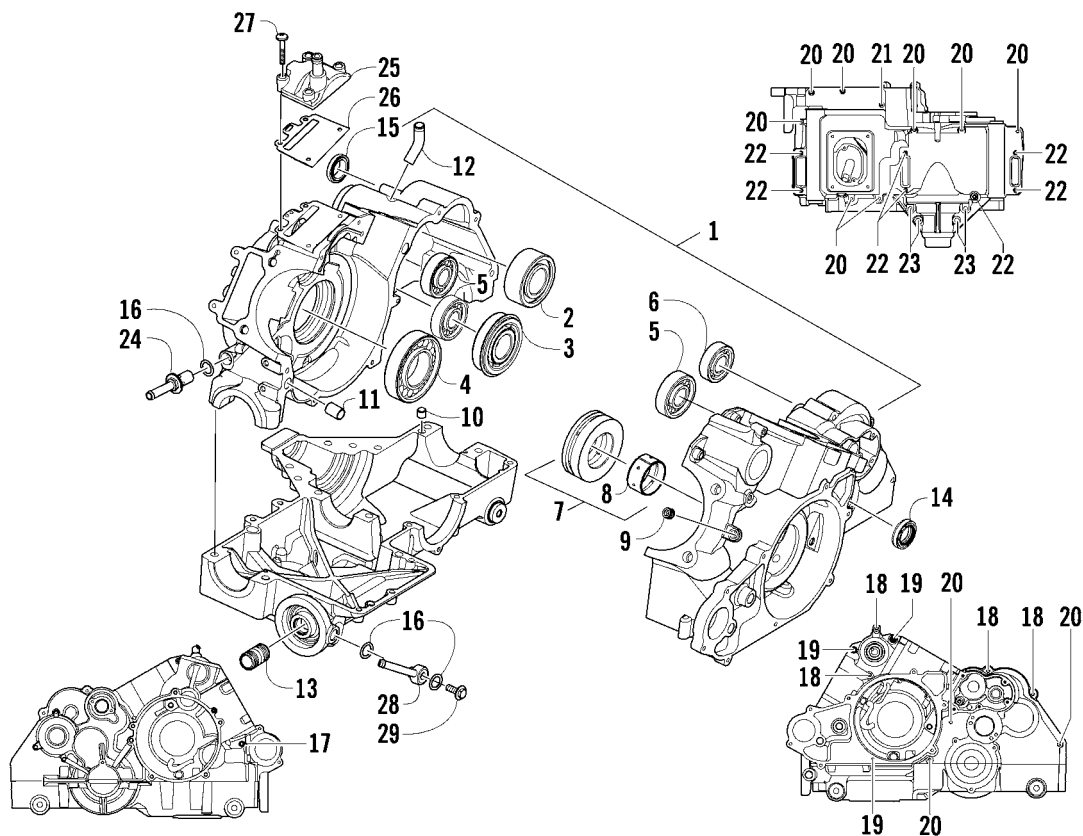
| Ref. | Part No.        | Qty. | Description                                          | Ref. | Part No. | Qty. | Description                  |
|------|-----------------|------|------------------------------------------------------|------|----------|------|------------------------------|
| 1    | <u>0809-211</u> | 1    | Camshaft, Front Cylinder                             | 12   | 0831-066 | 4    | Plug, Shaft*                 |
| 2    | 0809-002        | 2    | Sprocket                                             | 13   | 0809-007 | 2    | Shaft, Rocker Arm - Intake*  |
| 3    | 0829-008        | 2    | Pin                                                  | 14   | 0809-008 | 2    | Shaft, Rocker Arm - Exhaust* |
| 4    | 0828-004        | 2    | Washer                                               | 15   | 0809-014 | 16   | Keeper, Valve*               |
| 5    | 0826-034        | 4    | Bolt                                                 | 16   | 0809-013 | 8    | Retainer, Spring*            |
| 6    | 0809-003        | 2    | C-Ring                                               | 17   | 0809-138 | 8    | Spring, Valve*               |
| 7    | <u>0809-210</u> | 1    | Camshaft, Rear Cylinder                              | 18   | 0809-006 | 8    | Seat, Spring - Valve*        |
| 8    | 0809-202        | 2    | Arm, Valve Rocker - Intake<br>(inc. four No. 9-10)*  | 19   | 0830-016 | 8    | Seal, Oil*                   |
| 9    | 0809-033        | 8    | ● Screw*                                             | 20   | 0809-039 | 4    | Valve, Intake*               |
| 10   | 0827-007        | 8    | ● Nut*                                               | 21   | 0809-040 | 4    | Valve, Exhaust*              |
| 11   | 0809-205        | 2    | Arm, Valve Rocker - Exhaust<br>(inc. four No. 9-10)* |      |          |      |                              |



CAM CHAIN ASSEMBLY

0742-979

| Ref. | Part No. | Qty. | Description                    | Ref. | Part No. | Qty. | Description    |
|------|----------|------|--------------------------------|------|----------|------|----------------|
| 1    | 0810-001 | 2    | Chain, Cam                     | 6    | 0830-134 | 2    | Gasket         |
| 2    | 0810-046 | 2    | Guide, Chain                   | 7    | 8468-620 | 4    | Screw, Machine |
| 3    | 0810-049 | 2    | Tensioner, Chain               | 8    | 8400-610 | 2    | Screw, Cap     |
| 4    | 0826-106 | 2    | Bolt                           | 9    | 0828-110 | 2    | Washer         |
| 5    | 0810-004 | 2    | Adjuster, Tensioner - Assembly |      |          |      |                |

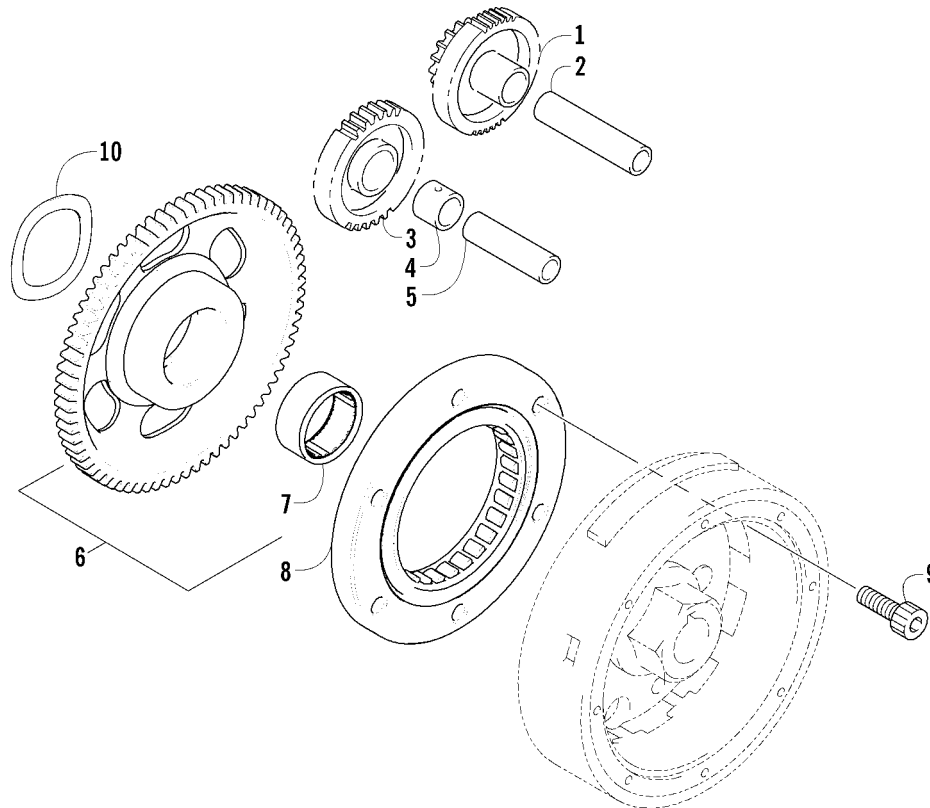


## CRANKCASE ASSEMBLY

0742-231

| Ref. | Part No.        | Qty. | Description                      | Ref. | Part No.        | Qty. | Description             |
|------|-----------------|------|----------------------------------|------|-----------------|------|-------------------------|
| 1    | <u>0801-074</u> | 1    | Crankcase - Assembly (inc. 2-15) | 16   | 0812-026        | 3    | Gasket, Washer          |
| 2    | 0832-048        | 1    | ● Bearing, Driveshaft            | 17   | 8468-685        | 1    | Screw, Machine          |
| 3    | <u>0832-058</u> | 1    | ● Bearing, Ball                  | 18   | 8468-650        | 4    | Screw, Machine          |
| 4    | 0832-042        | 1    | ● Bearing, Ball                  | 19   | 8468-625        | 3    | Screw, Machine          |
| 5    | 0832-050        | 3    | ● Bearing                        | 20   | 8468-665        | 10   | Screw, Machine          |
| 6    | 0832-049        | 1    | ● Bearing                        | 21   | 8468-640        | 1    | Screw, Machine          |
| 7    | <u>0832-055</u> | 1    | ● Bearing - Assembly (inc. 8)    | 22   | 8412-870        | 7    | Screw, Cap              |
| 8    | <u>0832-057</u> | 1    | ● ● Bearing, Plain               | 23   | 8412-830        | 4    | Screw, Cap              |
| 9    | 0801-002        | 1    | ● Plug, Engine Case              | 24   | <u>0812-051</u> | 1    | Fitting, Oil - Threaded |
| 10   | 0829-001        | 2    | ● Dowel, Sleeve                  | 25   | <u>0801-088</u> | 1    | Cover, Breather         |
| 11   | 0829-002        | 2    | ● Dowel, Split                   | 26   | <u>0830-160</u> | 1    | Gasket, Breather        |
| 12   | <u>0801-118</u> | 1    | ● Pipe, Breather                 | 27   | 8468-630        | 4    | Screw, Machine          |
| 13   | 0812-008        | 1    | ● Union, Oil Filter              | 28   | 0812-028        | 1    | Fitting, Oil - 40       |
| 14   | 0822-052        | 1    | ● Seal, Countershaft - Right     | 29   | 0812-025        | 1    | Bolt, Oil               |
| 15   | 0830-035        | 1    | ● Seal, Driveshaft               |      |                 |      |                         |

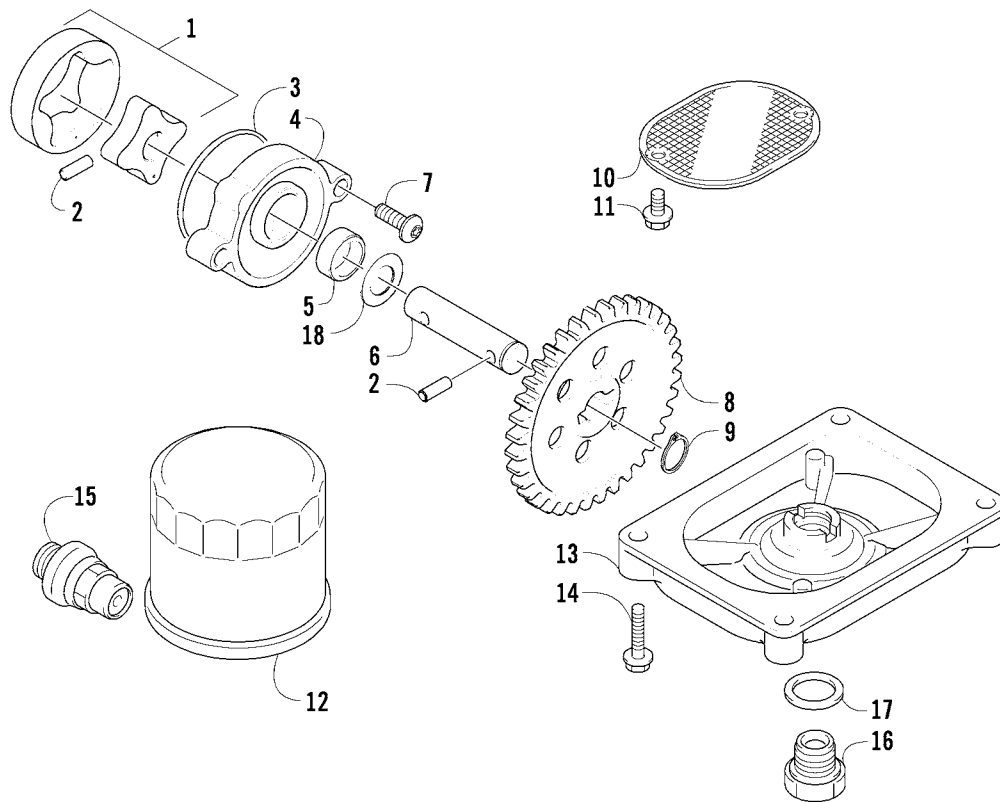
32



## STARTER CLUTCH ASSEMBLY

0743-009

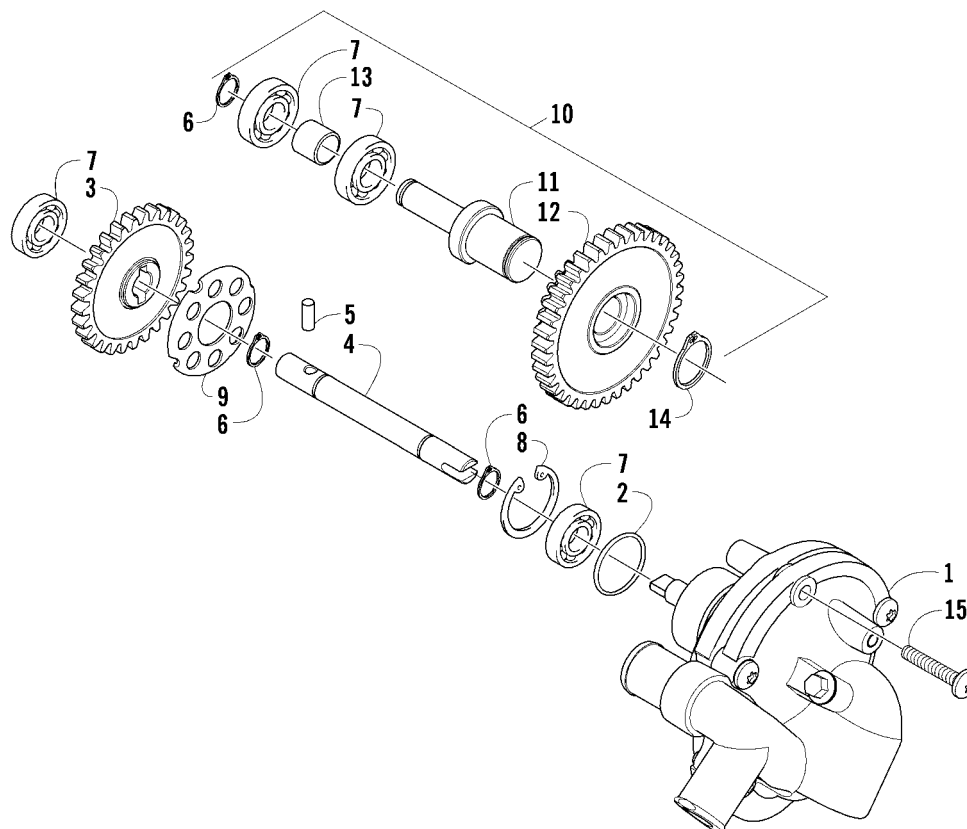
| Ref. | Part No. | Qty. | Description                      | Ref. | Part No.        | Qty. | Description                   |
|------|----------|------|----------------------------------|------|-----------------|------|-------------------------------|
| 1    | 0815-001 | 1    | Gear, Starter Idler - No. 1      | 6    | 0815-004        | 1    | Gear, Starter Clutch (inc. 7) |
| 2    | 0829-031 | 1    | Shaft, Starter Gear              | 7    | 0832-004        | 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, Machine                |
| 5    | 0829-032 | 1    | Shaft, Starter Gear              | 10   | <u>0828-113</u> | 1    | Washer, Wave                  |



## OIL FILTER/PUMP ASSEMBLY

0742-986

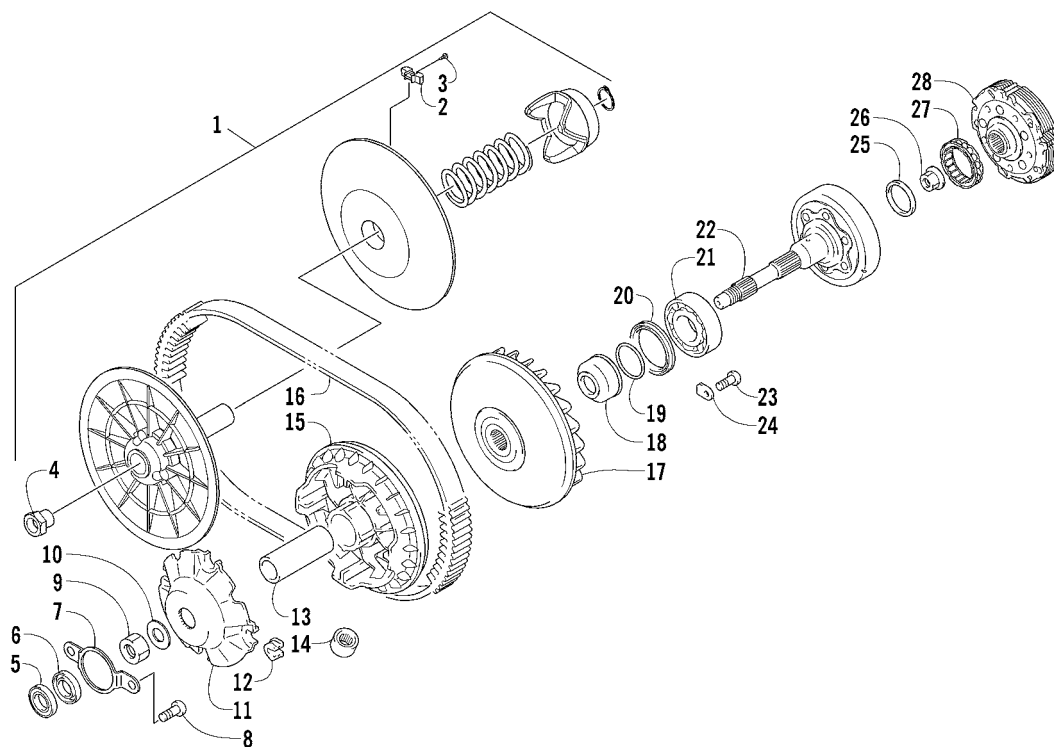
| Ref. | Part No.        | Qty. | Description       | Ref. | Part No. | Qty. | Description                  |
|------|-----------------|------|-------------------|------|----------|------|------------------------------|
| 1    | <u>0812-041</u> | 1    | Gerotor - Set     | 10   | 0812-057 | 1    | Strainer, Oil                |
| 2    | 0829-009        | 2    | Pin               | 11   | 0826-040 | 2    | Screw, Machine               |
| 3    | <u>0812-048</u> | 1    | O-Ring            | 12   | 0812-029 | 1    | Filter, Oil                  |
| 4    | <u>0812-040</u> | 1    | Housing, Oil Pump | 13   | 0812-053 | 1    | Cap, Oil Strainer            |
| 5    | <u>0812-047</u> | 1    | Seal, Oil Pump    | 14   | 8468-625 | 4    | Screw, Machine               |
| 6    | <u>0812-046</u> | 1    | Shaft, Oil Pump   | 15   | 0812-052 | 1    | Valve, Oil-Relief - Assembly |
| 7    | 8468-620        | 2    | Screw, Machine    | 16   | 0812-006 | 1    | Plug, Drain                  |
| 8    | <u>0812-045</u> | 1    | Gear, Driven      | 17   | 0830-017 | 1    | Gasket, Drain Plug           |
| 9    | 0831-002        | 1    | Ring, Retaining   | 18   | 0828-007 | 1    | Shim                         |



## WATER PUMP ASSEMBLY

0742-981

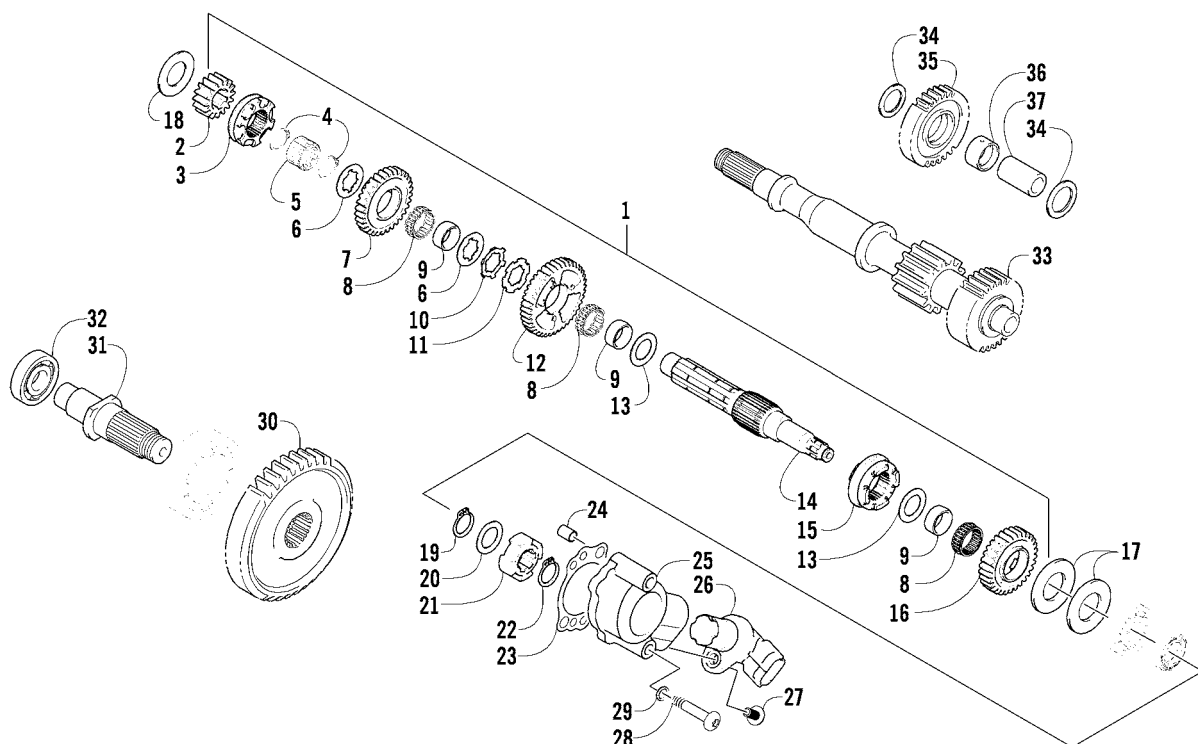
| Ref. | Part No.        | Qty. | Description                     | Ref. | Part No.        | Qty. | Description                                                       |
|------|-----------------|------|---------------------------------|------|-----------------|------|-------------------------------------------------------------------|
| 1    | <u>0813-036</u> | 1    | Pump, Water - Assembly (inc. 2) | 9    | <u>0801-089</u> | 1    | Disc, Breather                                                    |
| 2    | <u>0830-029</u> | 1    | ● O-Ring                        | 10   | <u>0813-025</u> | 1    | Gear, Idler - Water Pump - Assembly<br>(inc. two No. 7 and 11-14) |
| 3    | <u>0813-029</u> | 1    | Gear, Driven                    | 11   | <u>0813-026</u> | 1    | ● Shaft, Water Pump Idler Gear                                    |
| 4    | <u>0813-030</u> | 1    | Shaft, Driven Gear              | 12   | <u>0813-027</u> | 1    | ● Gear, Idler - Water Pump - Drive                                |
| 5    | <u>0829-009</u> | 1    | Pin                             | 13   | <u>0813-028</u> | 1    | ● Spacer, Idler - Water Pump                                      |
| 6    | <u>0831-002</u> | 3    | Ring, Retaining                 | 14   | <u>0831-040</u> | 1    | ● Ring, Retaining                                                 |
| 7    | <u>0832-046</u> | 4    | Bearing                         | 15   | <u>8468-650</u> | 2    | Screw, Machine                                                    |
| 8    | <u>0831-004</u> | 1    | Circlip                         |      |                 |      |                                                                   |



## TRANSMISSION ASSEMBLY

0742-982

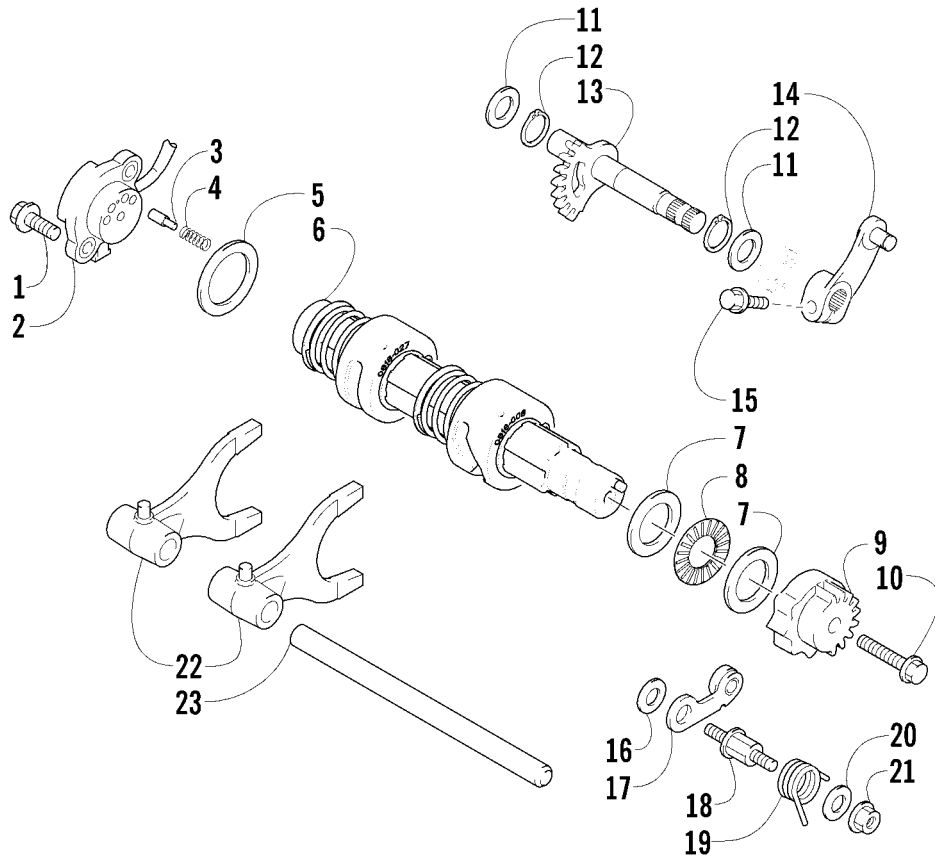
| Ref. | Part No.        | Qty. | Description                          | Ref. | Part No.        | Qty. | Description                   |
|------|-----------------|------|--------------------------------------|------|-----------------|------|-------------------------------|
| 1    | 0823-157        | 1    | Pulley, Driven - Assembly (inc. 2-4) | 15   | 0823-159        | 1    | Face, Movable Drive           |
| 2    | 0823-176        | 3    | ● Shoe, Cam                          | 16   | <u>0823-231</u> | 1    | V-Belt                        |
| 3    | 0823-177        | 3    | ● Screw, Cam                         | 17   | 0823-156        | 1    | Face, Fixed Drive             |
| 4    | 0823-178        | 1    | ● Nut, Driven Pulley                 | 18   | 0823-015        | 1    | Spacer, Fixed Drive Face      |
| 5    | 0832-060        | 1    | Bearing                              | 19   | 0470-531        | 1    | O-Ring                        |
| 6    | 0830-176        | 1    | Seal                                 | 20   | 0830-034        | 1    | Seal, Clutch Housing - Right  |
| 7    | 0823-020        | 1    | Retainer, Bearing                    | 21   | 0832-047        | 1    | Bearing                       |
| 8    | 0826-031        | 2    | Screw                                | 22   | 0823-096        | 1    | Housing, Clutch               |
| 9    | 0827-010        | 1    | Nut                                  | 23   | 0826-029        | 2    | Screw, Bearing Retainer       |
| 10   | 0828-106        | 1    | Washer                               | 24   | 0822-010        | 2    | Retainer, Bearing             |
| 11   | 0823-008        | 1    | Plate, Movable Drive Face            | 25   | 0823-017        | 1    | Seal, Clutch Housing - Left   |
| 12   | 0823-010        | 4    | Damper, Movable Drive Face           | 26   | 0827-011        | 1    | Nut                           |
| 13   | <u>0823-265</u> | 1    | Spacer, Movable Drive Face           | 27   | 0823-018        | 1    | Clutch, One-Way               |
| 14   | <u>0823-170</u> | 8    | Roller, Movable Drive Face           | 28   | 0823-098        | 1    | Clutch, Centrifugal - 6 Plate |



## SECONDARY TRANSMISSION ASSEMBLY

0739-954

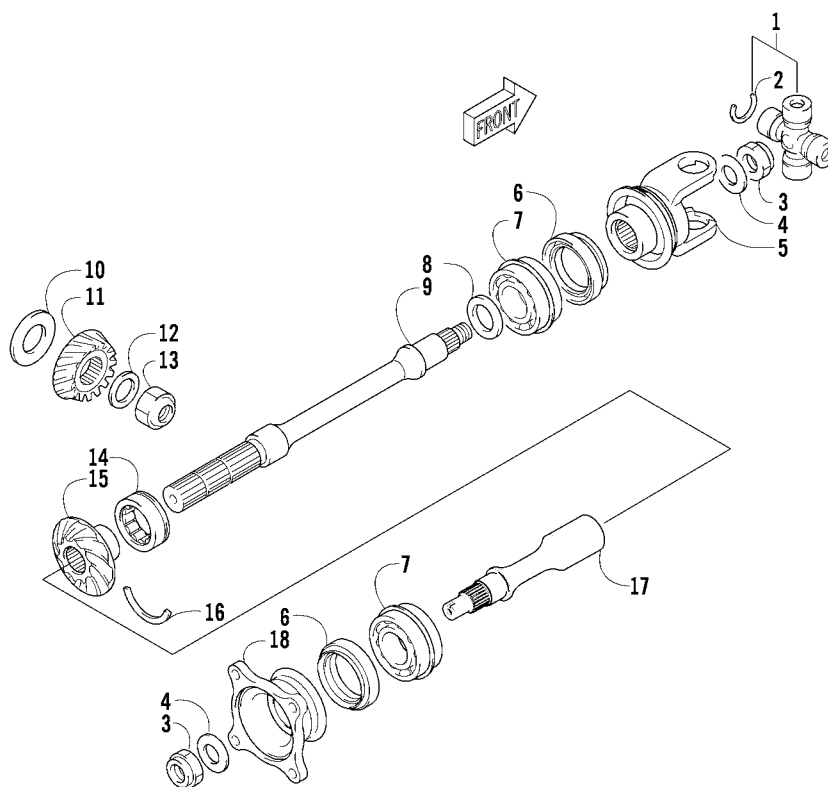
| Ref. | Part No. | Qty. | Description                       | Ref. | Part No.        | Qty. | Description                 |
|------|----------|------|-----------------------------------|------|-----------------|------|-----------------------------|
| 1    | 0822-048 | 1    | Countershaft Assembly (inc. 2-16) | 20   | 0828-069        | 1    | Washer, Thrust              |
| 2    | 0822-008 | 1    | ● Gear, Drive                     | 21   | 0822-050        | 1    | Trigger, Speedometer Sensor |
| 3    | 0822-014 | 1    | ● Dog, Reverse Driven Gear        | 22   | 0831-039        | 1    | Ring, Retaining             |
| 4    | 0831-011 | 2    | ● Circlip                         | 23   | 0830-129        | 1    | Gasket                      |
| 5    | 0822-045 | 1    | ● Spacer, Reverse Driven Gear     | 24   | 0829-023        | 2    | Pin, Dowel                  |
| 6    | 0828-008 | 2    | ● Washer                          | 25   | 0822-049        | 1    | Housing, Speedometer Sensor |
| 7    | 0822-013 | 1    | ● Gear, Reverse Driven            | 26   | <u>0824-042</u> | 1    | Sensor, Speedometer         |
| 8    | 0832-011 | 3    | ● Bearing                         | 27   | 8468-620        | 1    | Screw, Machine              |
| 9    | 0822-005 | 3    | ● Bushing                         | 28   | 8468-645        | 2    | Screw, Machine              |
| 10   | 0828-014 | 1    | ● Washer, Lock                    | 29   | 0830-107        | 2    | Seal, Fastener              |
| 11   | 0828-015 | 1    | ● Washer, Lock                    | 30   | 0822-009        | 1    | Gear, Driven                |
| 12   | 0822-004 | 1    | ● Gear, Driven - Low              | 31   | <u>0812-044</u> | 1    | Shaft, Output               |
| 13   | 0822-046 | 2    | ● Washer, Driven Gear             | 32   | 0832-050        | 1    | Bearing                     |
| 14   | 0822-003 | 1    | ● Countershaft                    | 33   | 0822-001        | 1    | Driveshaft                  |
| 15   | 0822-007 | 1    | ● Dog, Sliding                    | 34   | 0828-016        | 2    | Washer, Reverse Idle Gear   |
| 16   | 0822-006 | 1    | ● Gear, Driven - High             | 35   | 0822-011        | 1    | Gear, Reverse Idle          |
| 17   | 0828-011 | 2    | Washer, Thrust - Drive Gear       | 36   | 0822-012        | 1    | Bushing, Reverse Idle Gear  |
| 18   | 0828-010 | 1    | Washer, Thrust                    | 37   | 0822-015        | 1    | Shaft, Reverse Idle         |
| 19   | 0831-040 | 1    | Ring, Retaining                   |      |                 |      |                             |



## GEAR SHIFTING ASSEMBLY

0742-985

| Ref. | Part No.        | Qty. | Description                   | Ref. | Part No. | Qty. | Description                |
|------|-----------------|------|-------------------------------|------|----------|------|----------------------------|
| 1    | 8470-520        | 2    | Screw, Machine                | 13   | 0818-007 | 1    | Shaft, Sub-Gear Shift      |
| 2    | <u>0409-091</u> | 1    | Switch, Gear Shift 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, Cam Stopper        |
| 5    | 0828-040        | 1    | Washer, Shift Shaft           | 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 Bearing        | 19   | 0818-028 | 1    | Spring, Cam Stopper        |
| 8    | 0832-052        | 1    | Bearing, Thrust - Roller      | 20   | 0828-035 | 1    | Washer, Cam Stopper Spring |
| 9    | <u>0818-055</u> | 1    | Cam, Gear Shift               | 21   | 8424-602 | 1    | Nut                        |
| 10   | 0826-006        | 1    | Bolt, Gear Shift Cam Plate    | 22   | 0818-072 | 2    | Fork, Shift                |
| 11   | 0828-036        | 2    | Washer, Sub-Gear Shift Shaft  | 23   | 0818-006 | 1    | Shaft, Shift Fork          |
| 12   | 0831-010        | 2    | Circlip, Sub-Gear Shift Shaft |      |          |      |                            |

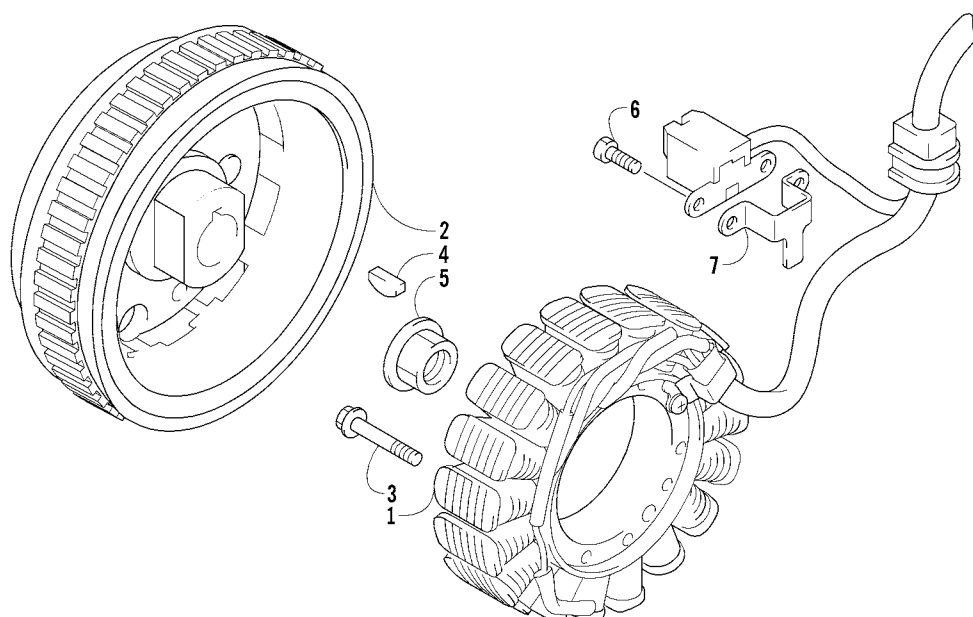


## SECONDARY DRIVE ASSEMBLY

0742-983

| Ref. | Part No. | Qty. | Description                     | Ref. | Part No. | Qty. | Description             |
|------|----------|------|---------------------------------|------|----------|------|-------------------------|
| 1    | 1402-164 | 1    | Joint, Universal - Set (inc. 2) | 10   | 0828-030 | AR   | Shim, 24 x 48 x 0.25 mm |
| 2    | 0423-450 | 4    | ● Circlip                       |      | 0828-031 | AR   | Shim, 24 x 48 x 0.30 mm |
| 3    | 0827-013 | 2    | Nut, Rear Output Joint          |      | 0828-032 | AR   | Shim, 24 x 48 x 0.35 mm |
| 4    | 0828-020 | 2    | Washer, Rear Output Flange      |      | 0828-033 | AR   | Shim, 24 x 48 x 0.90 mm |
| 5    | 0819-061 | 1    | Yoke, Drive Output              |      | 0828-018 | AR   | Shim, 24 x 48 x 0.95 mm |
| 6    | 0830-043 | 2    | Seal, Oil - Driven Shaft        |      | 0828-062 | AR   | Shim, 24 x 48 x 1.00 mm |
| 7    | 0832-017 | 2    | Bearing, Driven Shaft           |      | 0828-063 | AR   | Shim, 24 x 48 x 1.05 mm |
| 8    | 0828-021 | AR   | Shim, 25 x 34 x 0.25 mm         |      | 0828-064 | AR   | Shim, 24 x 48 x 1.10 mm |
|      | 0828-022 | AR   | Shim, 25 x 34 x 0.30 mm         |      | 0828-065 | AR   | Shim, 24 x 48 x 1.15 mm |
|      | 0828-023 | AR   | Shim, 25 x 34 x 0.70 mm         | 11   | 0819-001 | 1    | Gear, Secondary Drive   |
|      | 0828-024 | AR   | Shim, 25 x 34 x 0.90 mm         | 12   | 0828-019 | 1    | Washer                  |
|      | 0828-025 | AR   | Shim, 25 x 34 x 0.95 mm         | 13   | 0827-012 | 1    | Nut                     |
|      | 0828-026 | AR   | Shim, 25 x 34 x 1.00 mm         | 14   | 0832-016 | 1    | Bearing, Driven Gear    |
|      | 0828-027 | AR   | Shim, 25 x 34 x 1.05 mm         | 15   | 0819-002 | 1    | Gear, Secondary Driven  |
|      | 0828-028 | AR   | Shim, 25 x 34 x 1.10 mm         | 16   | 0819-011 | 1    | Ring, Driven Bearing    |
|      | 0828-029 | AR   | Shim, 25 x 34 x 1.15 mm         | 17   | 0819-053 | 1    | Shaft, Secondary Driven |
| 9    | 0819-003 | 1    | Shaft, Secondary Driven         | 18   | 0819-005 | 1    | Flange, Output Joint    |

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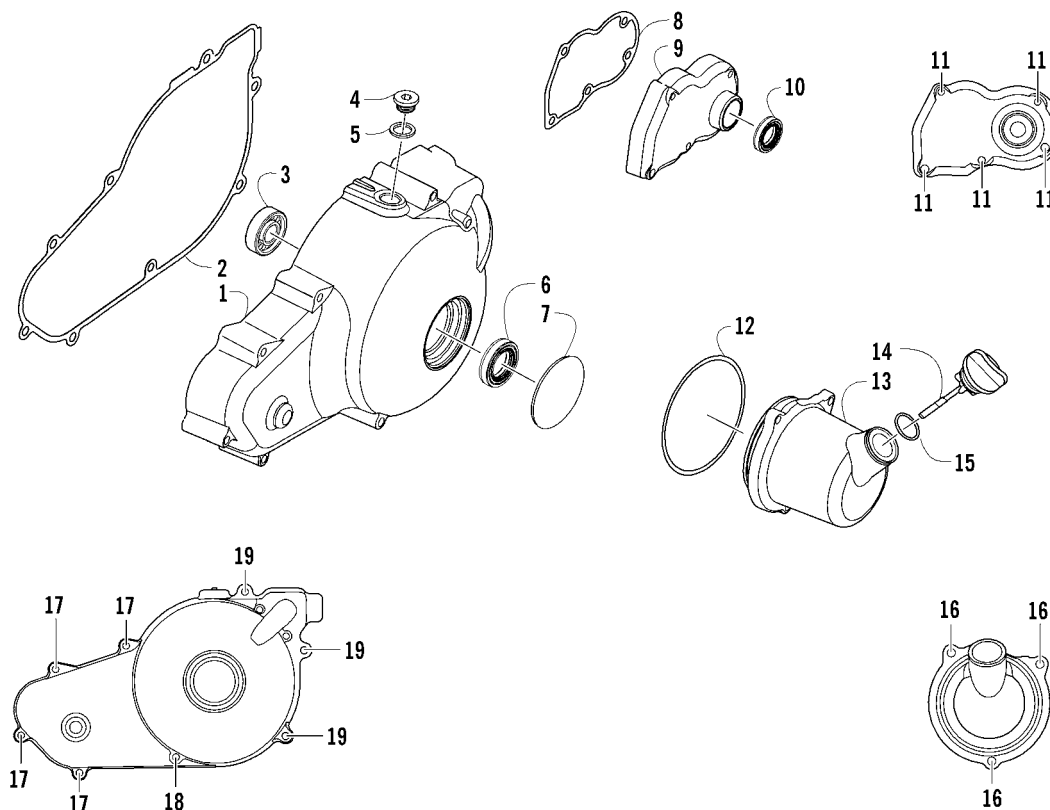


## MAGNETO ASSEMBLY

0742-984

| Ref. | Part No.        | Qty. | Description       | Ref. | Part No.        | Qty. | Description    |
|------|-----------------|------|-------------------|------|-----------------|------|----------------|
| 1    | <u>0802-041</u> | 1    | Stator - Assembly | 5    | 0827-010        | 1    | Nut            |
| 2    | <u>0802-042</u> | 1    | Rotor/Flywheel    | 6    | 8470-510        | 4    | Screw, Machine |
| 3    | 0826-102        | 3    | Screw, Machine    | 7    | <u>0831-064</u> | 1    | Clamp          |
| 4    | 0829-012        | 1    | Key               |      |                 |      |                |

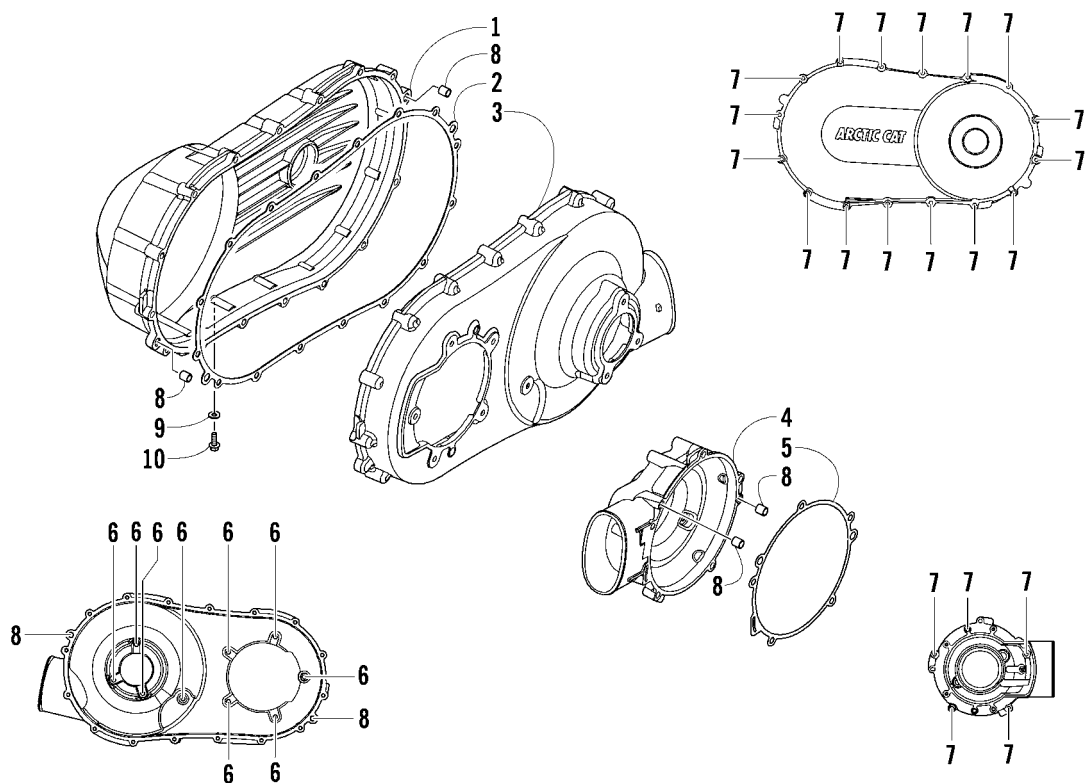
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## MAGNETO SIDE ENGINE COVERS

0742-239

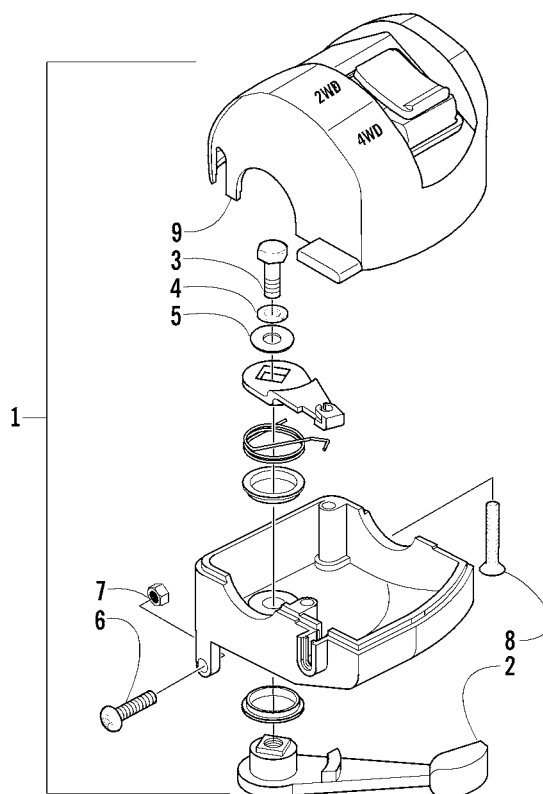
| Ref. | Part No.        | Qty. | Description              | Ref. | Part No.        | Qty. | Description                |
|------|-----------------|------|--------------------------|------|-----------------|------|----------------------------|
| 1    | <u>0806-062</u> | 1    | Cover, Magneto           | 11   | 8468-630        | 5    | Screw, Machine             |
| 2    | <u>0830-132</u> | 1    | Gasket, Magneto Cover    | 12   | <u>0830-162</u> | 1    | O-Ring, Oil Filler Cover   |
| 3    | 0832-060        | 1    | Bearing                  | 13   | <u>0801-081</u> | 1    | Cover, Oil Filler          |
| 4    | 0806-022        | 1    | Plug, Check              | 14   | 0801-073        | 1    | Stick, Oil Level (inc. 15) |
| 5    | 0830-015        | 1    | Washer, Crush            | 15   | 0830-010        | 1    | ● O-Ring                   |
| 6    | <u>0830-176</u> | 1    | Seal, Cap                | 16   | 8468-620        | 3    | Screw, Machine             |
| 7    | <u>0806-066</u> | 1    | Cap, Magneto Cover       | 17   | 8468-650        | 4    | Screw, Machine             |
| 8    | <u>0830-161</u> | 1    | Gasket, Gear Shift Cover | 18   | 8468-695        | 1    | Screw, Machine             |
| 9    | 0818-070        | 1    | Cover, Gear Shift        | 19   | 8468-665        | 3    | Screw, Machine             |
| 10   | 0830-044        | 1    | Seal, Gear Shift Cover   |      |                 |      |                            |



CLUTCH SIDE ENGINE COVERS

0742-232

| Ref. | Part No. | Qty. | Description          | Ref. | Part No. | Qty. | Description    |
|------|----------|------|----------------------|------|----------|------|----------------|
| 1    | 0806-068 | 1    | Cover, Outside       | 6    | 8468-616 | 9    | Screw, Machine |
| 2    | 0830-137 | 1    | Gasket, Cover        | 7    | 8468-630 | 21   | Screw, Machine |
| 3    | 0806-067 | 1    | Cover, Inside        | 8    | 0829-001 | 6    | Dowel, Sleeve  |
| 4    | 0806-064 | 1    | Cover, Clutch        | 9    | 0830-013 | 1    | Washer, Crush  |
| 5    | 0830-133 | 1    | Gasket, Clutch Cover | 10   | 8408-812 | 1    | Screw, Cap     |



## THROTTLE CASE ASSEMBLY

0738-414

| Ref. | Part No. | Qty. | Description                          | Ref. | Part No. | Qty. | Description                     |
|------|----------|------|--------------------------------------|------|----------|------|---------------------------------|
| 1    | 0509-012 | 1    | Case, Throttle - Assembly (inc. 2-9) | 6    | 3423-014 | 1    | ● Screw                         |
| 2    | 3409-001 | 1    | ● Lever                              | 7    | 3423-327 | 1    | ● Nut                           |
| 3    | 3004-533 | 1    | ● Screw, Cap                         | 8    | 3423-199 | 2    | ● Screw                         |
| 4    | 3004-447 | 1    | ● Washer, Lock                       | 9    | 0409-048 | 1    | ● Cover, Throttle Case w/Switch |
| 5    | 3003-030 | 1    | ● Washer                             |      |          |      |                                 |

