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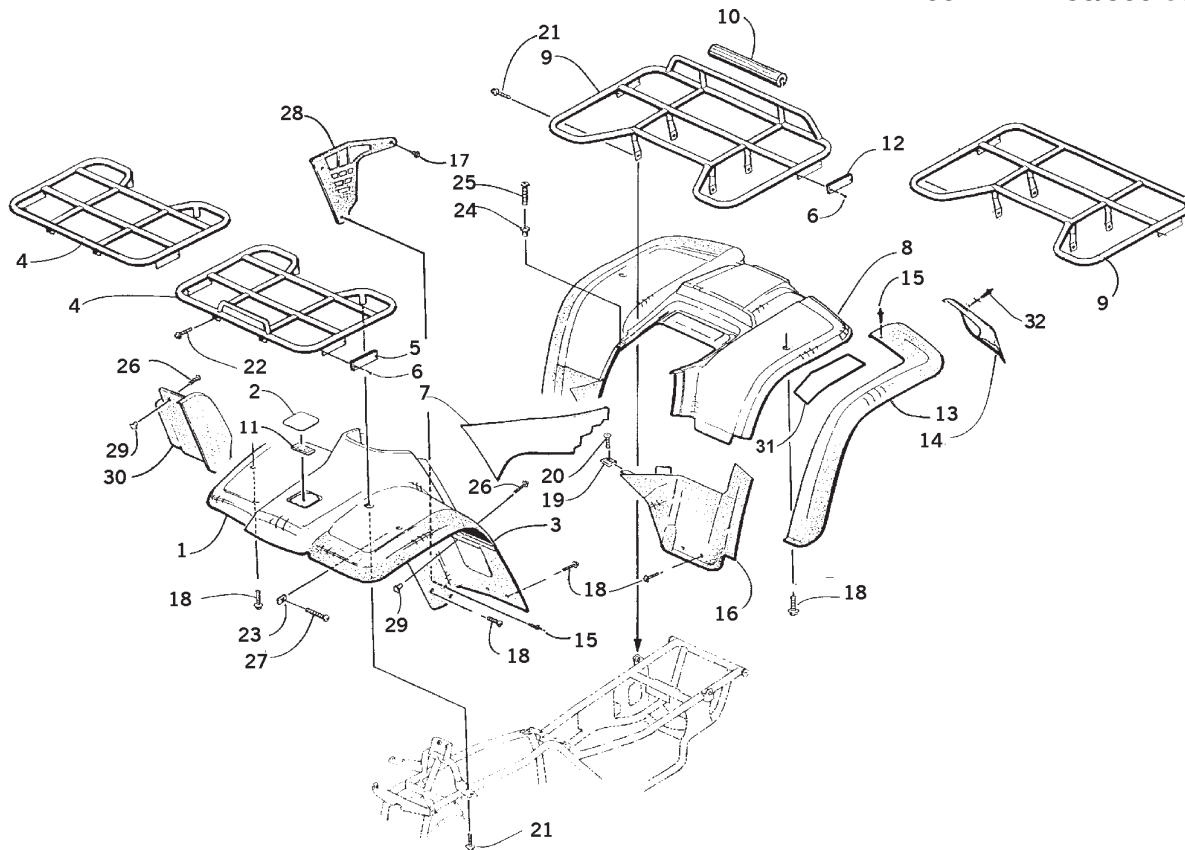
## 2001 ATV 250/300 cc

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| 250 2X4 Red (Model No. A2001ATE2AUSR) | 250 2X4 Green (Model No. A2001ATE2AUSG) |
| 250 4X4 Red (Model No. A2001ATE4AUSR) | 250 4X4 Green (Model No. A2001ATE4AUSG) |
| 300 2X4 Red (Model No. A2001ATF2AUSR) | 300 2X4 Green (Model No. A2001ATF2AUSG) |
| 300 4X4 Red (Model No. A2001ATF4AUSR) | 300 4X4 Green (Model No. A2001ATF4AUSG) |

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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 2001 model year.

# 2001 ATV 250/300 cc

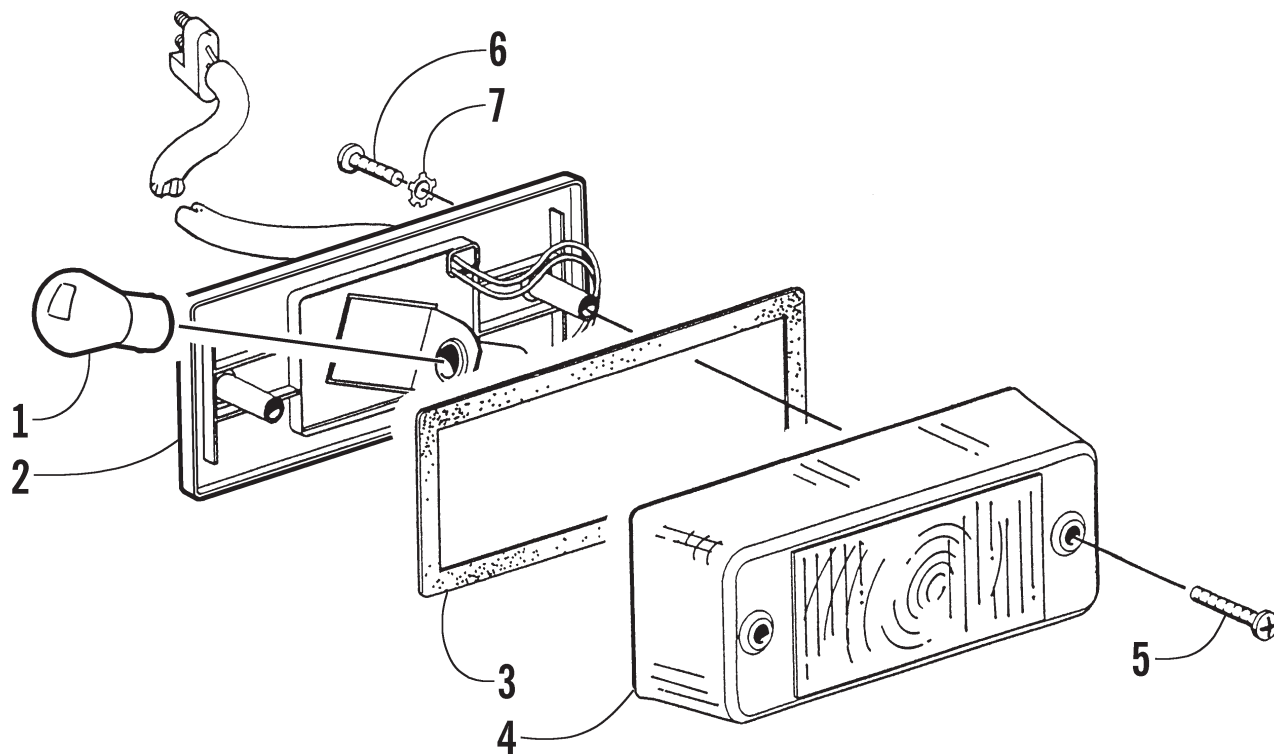


## BODY PANEL ASSEMBLY

0735-822

| Ref. | Part No.        | Qty. | Description                             | Ref. | Part No.        | Qty. | Description                                     |
|------|-----------------|------|-----------------------------------------|------|-----------------|------|-------------------------------------------------|
| 1    | 0506-239        | 1    | Panel, Fender - Front (Red)             | 14   | 0406-460        | 1    | Mud Flap - Right (300 4X4)                      |
|      | 0506-365        | 1    | Panel, Fender - Front (Green)           |      | 0406-461        | 1    | Mud Flap - Left (300 4X4)                       |
|      | 0506-257        | 1    | Panel, Fender - Front (300 4X4) (Red)   | 15   | 0423-046        | 12   | Rivet, Plastic (2X4)                            |
|      | 0506-303        | 1    | Panel, Fender - Front (300 4X4) (Green) |      | 0423-046        | 58   | Rivet, Plastic (4X4)                            |
| 2    | 0506-153        | 1    | Cover, Access (Red)                     | 16   | 0406-084        | 1    | Fender Extension - Rear Right                   |
|      | 0506-145        | 1    | Cover, Access (Green)                   |      | 0406-085        | 1    | Fender Extension - Rear Left                    |
| 3    | 0506-274        | 1    | Flare - Front Right (300 4X4)           |      | 0506-160        | 1    | Fender Extension - Rear Right (300 4X4)         |
|      | 0506-275        | 1    | Flare - Front Left (300 4X4)            |      | 0506-161        | 1    | Fender Extension - Rear Left (300 4X4)          |
| 4    | <u>0506-411</u> | 1    | Rack - Front                            | 17   | 0623-362        | 2    | Rivet, Plastic                                  |
|      | <u>0506-409</u> | 1    | Rack - Front (300 4X4)                  | 18   | 0423-101        | AR   | Screw, Machine                                  |
| 5    | 0606-526        | 2    | Reflector, Front - Yellow               | 19   | 0423-060        | 2    | Clip, Tinerman                                  |
| 6    | 0623-269        | 8    | Clip, Retaining                         | 20   | 0623-309        | 2    | Screw, Self-Tapping                             |
| 7    | <u>0506-480</u> | 1    | Panel, Side - Right (Red)               | 21   | 8409-020        | 6    | Screw, Cap                                      |
|      | 0506-243        | 1    | Panel, Side - Left (Red)                | 22   | 8408-812        | 2    | Screw, Cap                                      |
|      | <u>0506-479</u> | 1    | Panel, Side - Right (Green)             | 23   | 0423-031        | 2    | Nut, Speed                                      |
|      | 0506-165        | 1    | Panel, Side - Left (Green)              | 24   | 0123-010        | 2    | Nut, Expansion                                  |
| 8    | 0506-245        | 1    | Panel, Fender - Rear (Red)              | 25   | 0423-068        | 2    | Screw, Machine                                  |
|      | 0506-367        | 1    | Panel, Fender - Rear (Green)            | 26   | 8477-610        | 4    | Screw, Machine (250 2X4 /250 4X4 /300 2X4)      |
|      | 0506-258        | 1    | Panel, Fender - Rear (300 4X4) (Red)    | 27   | 8476-616        | 2    | Screw, Machine                                  |
|      | 0506-302        | 1    | Panel, Fender - Rear (300 4X4) (Green)  | 28   | 0406-374        | 2    | Panel, Deflector                                |
| 9    | 0506-284        | 1    | Rack - Rear                             | 29   | 0423-077        | 4    | T-Nut (250 2X4 /250 4X4 /300 2X4)               |
|      | 0506-190        | 1    | Rack - Rear (300 4X4)                   | 30   | 0506-272        | 1    | Flare - Front Right (250 2X4 /250 4X4 /300 2X4) |
| 10   | 0406-293        | 1    | Wrap, Tube - Rear Rack                  |      | 0506-273        | 1    | Flare - Front Left (250 2X4 /250 4X4 /300 2X4)  |
| 11   | 0417-002        | 1    | Foam, Access Panel                      | 31   | 0619-230        | AR   | Tape, Foil                                      |
| 12   | 0606-029        | 2    | Reflector, Rear - Red                   | 32   | <u>0423-168</u> | 8    | Rivet, Plastic                                  |
| 13   | 0406-082        | 1    | Flare - Rear Right (300 4X4)            |      |                 |      |                                                 |
|      | 0406-083        | 1    | Flare - Rear Left (300 4X4)             |      |                 |      |                                                 |

## 2001 ATV 250/300 cc



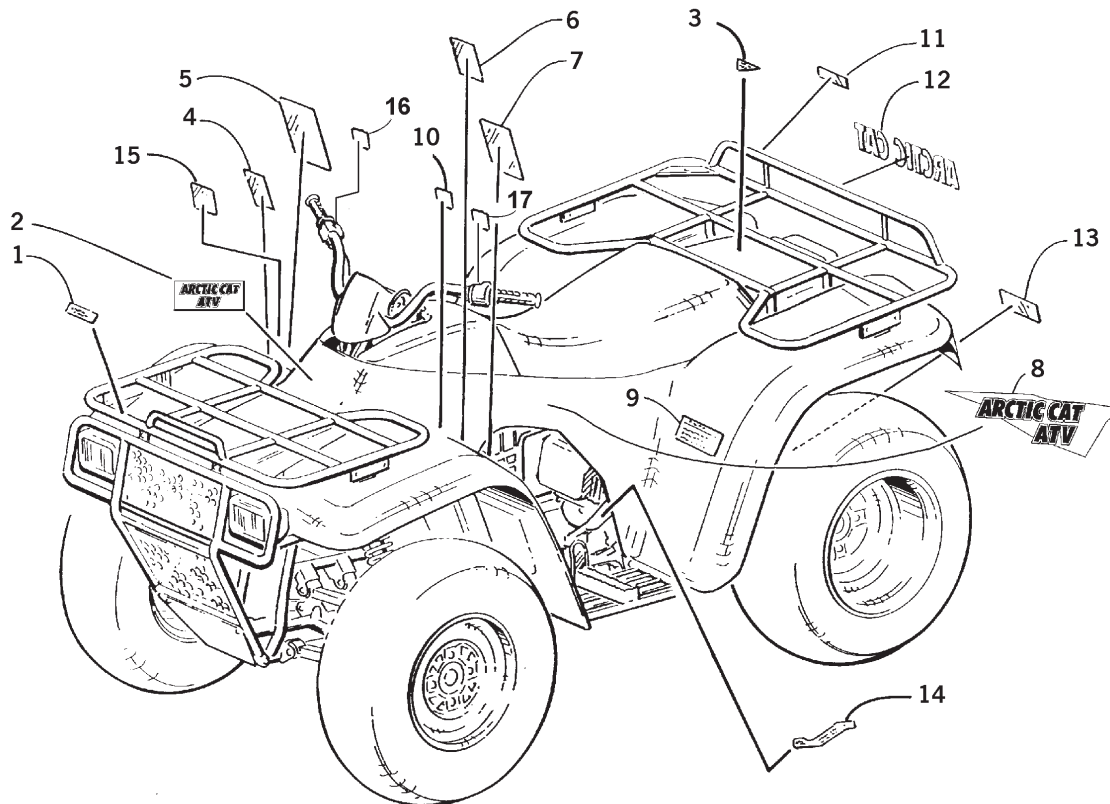
## TAILLIGHT ASSEMBLY

(Complete Taillight Assembly p/n 0409-002)

0732-336

| Ref. | Part No. | Qty. | Description                 | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|-----------------------------|------|----------|------|-------------------------------|
| 1    | 0109-460 | 1    | Bulb, Stop/Taillight        | 5    | 0409-010 | 2    | Screw, Machine                |
| 2    | 0409-011 | 1    | Taillight w/Socket Assembly | 6    | 0623-301 | 2    | Screw, Self-Tapping           |
| 3    | 0409-012 | 1    | Gasket, Taillight Lens      | 7    | 8053-212 | 2    | Washer, Lock - External Tooth |
| 4    | 0409-007 | 1    | Lens, Taillight             |      |          |      |                               |

# 2001 ATV 250/300 cc

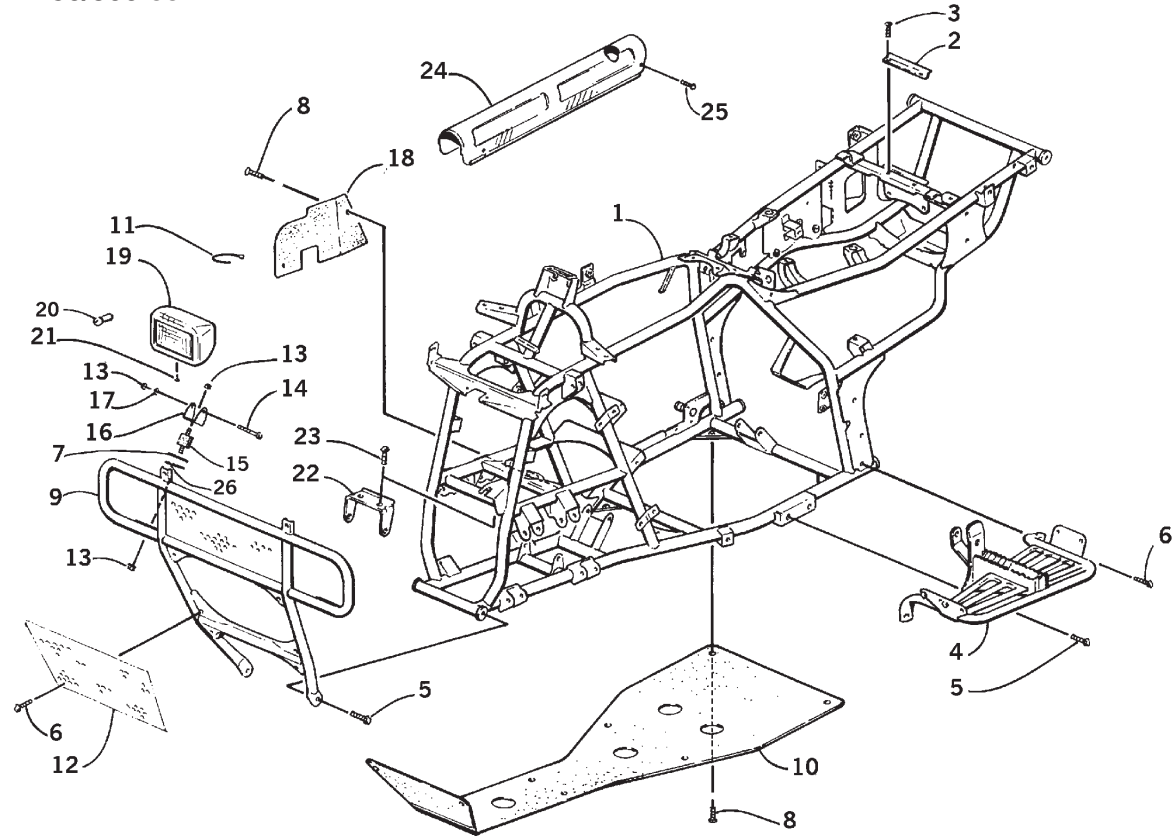


## DECALS

0735-826

| Ref. | Part No. | Qty. | Description                             | Ref. | Part No. | Qty. | Description                          |
|------|----------|------|-----------------------------------------|------|----------|------|--------------------------------------|
| 1    | 0411-082 | 1    | Decal, Warning - Front Rack Load        | 9    | 0411-223 | 1    | Decal, Warning - Tire Pressure (250) |
| 2    | 0411-299 | 1    | Decal, Front (2X4) (Red)                | 10   | 0411-086 | 1    | Decal, Shift Pattern                 |
|      | 0411-298 | 1    | Decal, Front (2X4) (Green)              | 11   | 0411-083 | 1    | Decal, Warning - Rear Rack Load      |
|      | 0411-301 | 1    | Decal, Front (4X4) (Red)                | 12   | 0411-043 | 1    | Decal, "Arctic Cat" (4X4)            |
|      | 0411-300 | 1    | Decal, Front (4X4) (Green)              | 13   | 0411-269 | 1    | Decal, Warning - Towing              |
| 3    | 3611-002 | 1    | Decal, "Made In U.S.A."                 | 14   | 0411-088 | 1    | Decal, Hi/Low Range (2X4)            |
| 4    | 0411-045 | 1    | Decal, Warning - Turn                   |      | 0411-090 | 1    | Decal, Hi/Low Range (4X4)            |
| 5    | 0411-008 | 1    | Decal, Warning Reverse/Pre-Ride         | 15   | 0411-145 | 1    | Decal, 2X4/4X4 Shift (4X4)           |
| 6    | 0411-040 | 1    | Decal, Warning - Age                    | 16   | 0411-324 | 1    | Decal, Instruction - Start In Gear   |
| 7    | 0411-218 | 1    | Decal, Warning - General                | 17   | 0411-325 | 1    | Decal, Instruction - Choke           |
| 8    | 0411-306 | 1    | Decal, "250" - Side Right (250) (Red)   |      |          |      |                                      |
|      | 0411-307 | 1    | Decal, "250" - Side Left (250) (Red)    |      |          |      |                                      |
|      | 0411-304 | 1    | Decal, "250" - Side Right (250) (Green) |      |          |      |                                      |
|      | 0411-305 | 1    | Decal, "250" - Side Left (250) (Green)  |      |          |      |                                      |
|      | 0411-310 | 1    | Decal, "300" - Side Right (300) (Red)   |      |          |      |                                      |

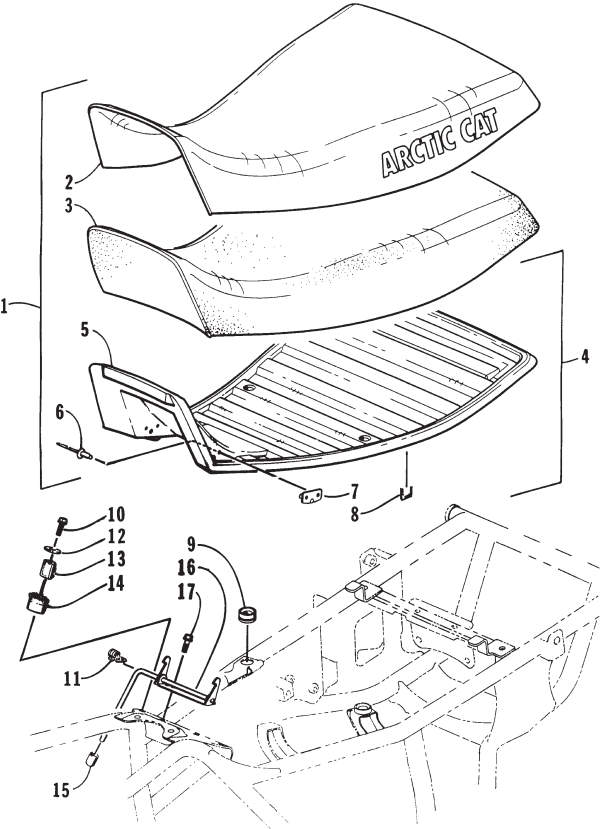
2001 ATV 250/300 cc



FRAME AND RELATED PARTS

0735-421

| Ref. | Part No. | Qty. | Description                  | Ref. | Part No. | Qty. | Description                     |
|------|----------|------|------------------------------|------|----------|------|---------------------------------|
| 1    | 0506-478 | 1    | Frame, Main                  | 14   | 8408-850 | 2    | Screw, Cap                      |
| 2    | 0406-372 | 1    | Bracket, Body Hold-Down      | 15   | 0406-262 | 2    | Mount, Headlight                |
| 3    | 8476-616 | 2    | Screw, Machine               | 16   | 0406-261 | 2    | Yoke, Headlight                 |
| 4    | 0506-176 | 1    | Footrest - Right             | 17   | 8053-242 | 2    | Washer, Lock - External Tooth   |
|      | 0506-217 | 1    | Footrest - Left              | 18   | 0406-300 | 2    | Panel, Inner Fender (4X4)       |
| 5    | 8409-020 | 6    | Screw, Cap                   | 19   | 0409-001 | 2    | Headlight Assembly (inc. 20-21) |
| 6    | 8408-816 | 8    | Screw, Cap                   | 20   | 0409-005 | 2    | • Bulb, Headlight               |
| 7    | 3423-204 | 2    | Washer                       | 21   | 0123-950 | 2    | • Screw, Machine                |
| 8    | 0423-101 | 10   | Screw, Body                  | 22   | 0506-210 | 1    | Bracket, Differential (4X4)     |
| 9    | 0506-192 | 1    | Guard, Brush                 | 23   | 8408-820 | 2    | Screw, Cap (4X4)                |
| 10   | 0406-354 | 1    | Panel, Belly                 | 24   | 0406-371 | 1    | Cover, Front Driveshaft (4X4)   |
| 11   | 0123-788 | AR   | Cable Tie - 7 in.            | 25   | 8471-610 | 4    | Screw, Cap (4X4)                |
| 12   | 0406-390 | 1    | Screen, Bumper - Lower (300) | 26   | 0623-710 | 2    | Washer, Lock - High Collar      |
| 13   | 8424-802 | 6    | Nut                          |      |          |      |                                 |

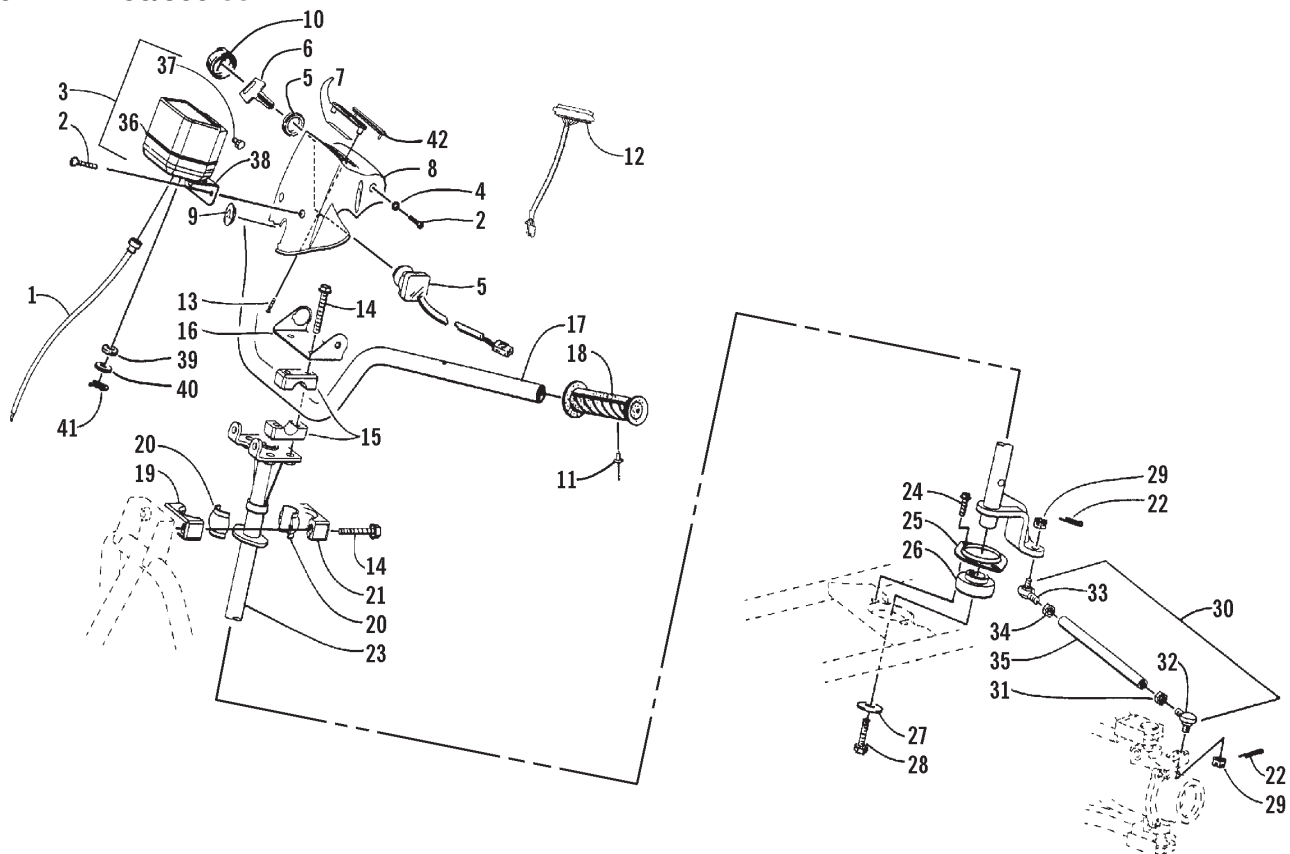


SEAT ASSEMBLY

0733-618 \*Not a Service Part

| Ref. | Part No. | Qty. | Description                        | Ref. | Part No. | Qty. | Description               |
|------|----------|------|------------------------------------|------|----------|------|---------------------------|
| 1    | 5990-176 | 1    | Seat Assembly (inc. 2-8)           | 10   | 8476-620 | 2    | Screw, Cap                |
| 2    | 0506-290 | 1    | • Cover, Seat                      | 11   | 0406-235 | 1    | Spring, Seat Latch        |
| 3    | 0506-291 | 1    | • Foam, Seat                       | 12   | 8050-217 | 2    | Washer                    |
| 4    | 0506-223 | 1    | • Base, Seat - Assembly (inc. 5-7) | 13   | 0406-199 | 2    | Collar, Front Seat-Base   |
| 5    | *        | 1    | •• Base, Seat                      | 14   | 0406-171 | 2    | Bumper, Seat-Base - Front |
| 6    | 8061-628 | 4    | •• Rivet                           | 15   | 0623-404 | 1    | Cap, Protector            |
| 7    | 0506-147 | 2    | •• Pin, Seat-Base - Front          | 16   | 0406-103 | 1    | Latch, Seat - Assembly    |
| 8    | 0624-100 | AR   | • Staple                           | 17   | 8476-616 | 2    | Screw, Machine            |
| 9    | 0406-309 | 2    | Grommet, Seat - Center             |      |          |      |                           |

## 2001 ATV 250/300 cc

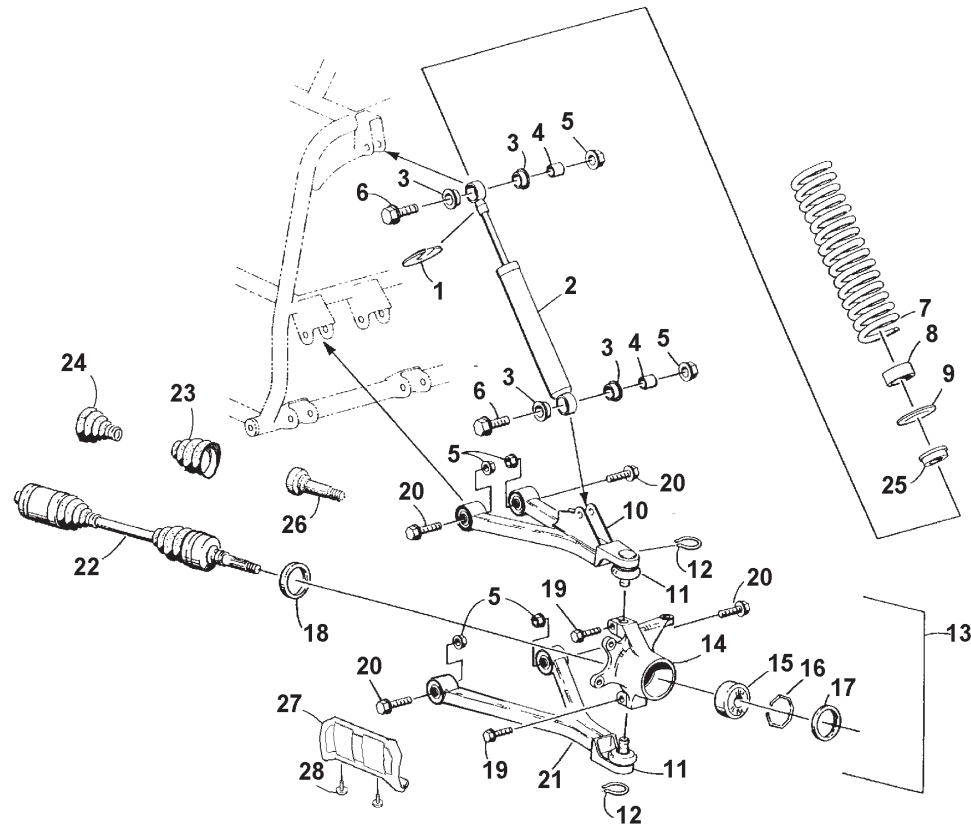


## STEERING ASSEMBLY

0736-133

| Ref. | Part No. | Qty. | Description                          | Ref. | Part No. | Qty. | Description                                |
|------|----------|------|--------------------------------------|------|----------|------|--------------------------------------------|
| 1    | 0487-013 | 1    | Cable, Speedometer (300 4X4)         | 20   | 0405-020 | 2    | Bearing, Steering Post                     |
| 2    | 8477-616 | 3    | Screw, Machine                       | 21   | 0605-147 | 1    | Housing, Bearing - Upper                   |
| 3    | 0420-025 | 1    | Speedometer (inc. 36-41) (300 4X4)   | 22   | 0623-175 | 4    | Pin, Cotter                                |
| 4    | 0423-052 | 1    | Collar                               | 23   | 0505-073 | 1    | Post, Steering                             |
| 5    | 3430-040 | 1    | Switch, Ignition - Assembly (inc. 6) | 24   | 8408-816 | 2    | Screw, Cap                                 |
| 6    | 3409-007 | 1    | • Key, Ignition - Blank (C Series)   | 25   | 0602-233 | 1    | Flange, Bearing                            |
|      | 3409-011 | 1    | • Key, Ignition - Blank (D Series)   | 26   | 0405-052 | 1    | Bearing, Steering Post                     |
|      | 3409-012 | 1    | • Key, Ignition - Blank (E Series)   | 27   | 0423-073 | 1    | Washer                                     |
|      | 3409-013 | 1    | • Key, Ignition - Blank (F Series)   | 28   | 8409-020 | 1    | Screw, Cap                                 |
| 7    | 0420-011 | 1    | Bezel/Lens, Warning - Assembly       | 29   | 0423-157 | 4    | Nut, Top Lock                              |
| 8    | 0405-063 | 1    | Pod, Instrument (300)                | 30   | 0505-072 | 2    | Tie Rod, Assembly (inc. 31-35)             |
| 9    | 0405-042 | 1    | Plug, Instrument Pod (2X4)           | 31   | 8420-002 | 2    | • Nut                                      |
| 10   | 0409-013 | 1    | Cover, Key                           | 32   | 0405-082 | 2    | • Ball Joint, Tie Rod - Right              |
| 11   | 8060-428 | 2    | Rivet                                | 33   | 0405-083 | 2    | • Ball Joint, Tie Rod - Left               |
| 12   | 0420-029 | 1    | Panel, LED (250)                     | 34   | 0423-013 | 2    | • Nut - Left                               |
|      | 0420-022 | 1    | Panel, LED (300)                     | 35   | 0405-032 | 2    | • Tie Rod                                  |
| 13   | 0123-950 | 2    | Screw, Self-Tapping (250)            | 36   | 0420-040 | 1    | Speedometer (300 4X4)                      |
| 14   | 8408-860 | 6    | Screw, Cap                           | 37   | 0420-027 | 1    | Knob, Speedometer Trip (300 4X4)           |
| 15   | 0405-035 | 4    | Cap, Steering Adjuster               | 38   | 0420-018 | 1    | Bracket, Speedometer (300 4X4)             |
| 16   | 0506-348 | 1    | Bracket, Ignition Switch             | 39   | 0420-016 | 2    | Mount, Rubber (300 4X4)                    |
| 17   | 0505-028 | 1    | Tube, Handlebar                      | 40   | 0420-017 | 2    | Washer (300 4X4)                           |
| 18   | 0405-039 | 2    | Grip, Handlebar                      | 41   | 0420-015 | 2    | Pin, Retainer (300 4X4)                    |
| 19   | 0605-171 | 1    | Housing, Bearing - Lower             | 42   | 0405-036 | 1    | Plate, "Arctic Cat" - Instrument Pod (250) |

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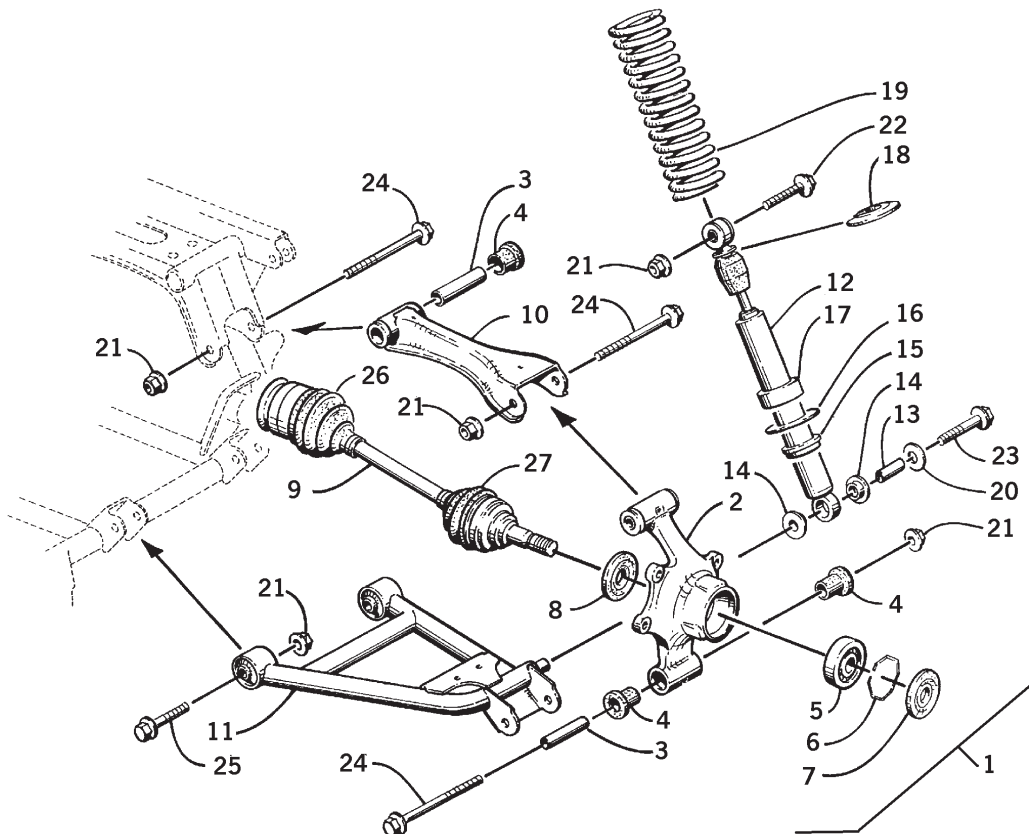


## FRONT SUSPENSION ASSEMBLY

0735-922

| Ref. | Part No. | Qty. | Description                                 | Ref. | Part No. | Qty. | Description                               |
|------|----------|------|---------------------------------------------|------|----------|------|-------------------------------------------|
| 1    | 0603-033 | 2    | Retainer, Spring                            | 15   | 0402-275 | 2    | • Bearing, Wheel Hub - Front              |
| 2    | 0403-036 | 2    | Shock Absorber - Front (inc. 3-4)           | 16   | 0423-034 | 2    | • Clip, Bearing                           |
|      | 0403-015 | 2    | Shock Absorber - Front (inc. 3-4) (300 4X4) | 17   | 0402-089 | 2    | • Seal, Wheel Bearing - Front             |
| 3    | 0604-310 | 8    | • Bushing, Shock Absorber                   | 18   | 0402-069 | 2    | • Seal, Wheel Bearing - Front             |
| 4    | 0403-028 | 4    | • Sleeve, Shock                             | 19   | 8409-030 | 4    | Screw, Cap                                |
| 5    | 8428-002 | 12   | Nut, Lock                                   | 20   | 8409-060 | 8    | Screw, Cap                                |
| 6    | 8409-040 | 4    | Screw, Cap                                  | 21   | 0503-036 | 1    | A-Arm, Lower Right (inc. 11-12) (250 2X4) |
| 7    | 0403-037 | 2    | Spring, Shock Absorber                      |      | 0503-037 | 1    | A-Arm, Lower Left (inc. 11-12) (250 2X4)  |
|      | 0403-022 | 2    | Spring, Shock Absorber (300 4X4)            |      | 0503-037 | 1    | A-Arm, Lower Right (inc. 11-12) (300 2X4) |
| 8    | 0403-025 | 2    | Collar, Spring                              |      | 0503-036 | 1    | A-Arm, Lower Left (inc. 11-12) (300 2X4)  |
| 9    | 0403-013 | 2    | Washer, Spring                              |      | 0503-092 | 1    | A-Arm, Lower Right (inc. 11-12) (4X4)     |
| 10   | 0503-026 | 1    | A-Arm, Upper Right - Assembly (inc. 11-12)  |      | 0503-093 | 1    | A-Arm, Lower Left (inc. 11-12) (4X4)      |
|      | 0503-027 | 1    | A-Arm, Upper Left - Assembly (inc. 11-12)   | 22   | 0402-179 | 1    | Axle, Drive - Front Right (4X4)           |
| 11   | 0405-068 | 4    | • Ball Joint - Front                        |      | 0402-249 | 1    | Axle, Drive - Front Left (4X4)            |
| 12   | 0423-009 | 4    | • Clip, Ball Joint                          | 23   | 0436-114 | 2    | Repair Kit, Outer Boot - Front Axle (4X4) |
| 13   | 0505-064 | 1    | Knuckle - Assembly - Right (inc. 14-18)     | 24   | 0436-113 | 2    | Repair Kit, Inner Boot - Front Axle (4X4) |
|      | 0505-065 | 1    | Knuckle - Assembly - Left (inc. 14-18)      | 25   | 0403-027 | 2    | Retainer, Spring - Lower                  |
| 14   | 0505-062 | 1    | • Knuckle, Steering - Right                 | 26   | 0402-183 | 2    | Axle, Stub (2X4)                          |
|      | 0505-063 | 1    | • Knuckle, Steering - Left                  | 27   | 0406-656 | 2    | Guard, Boot - Front Axle                  |
|      |          |      |                                             | 28   | 0423-101 | 4    | Screw, Body                               |

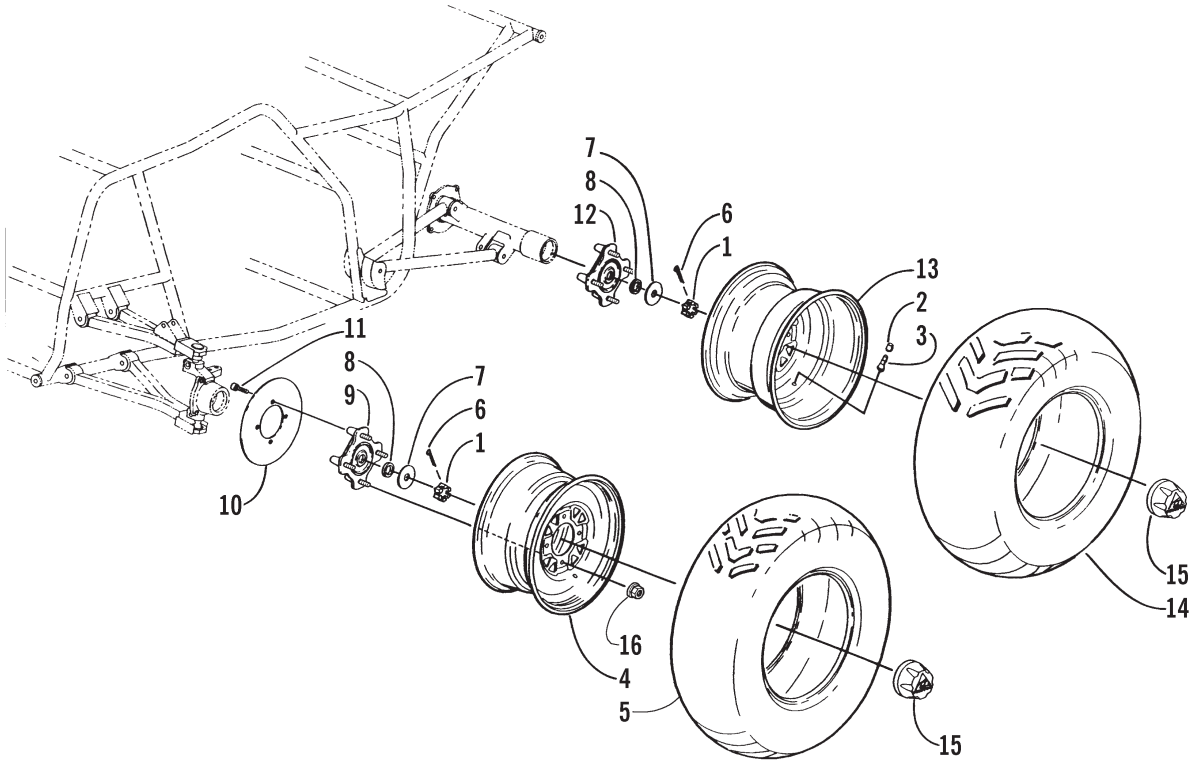
2001 ATV 250/300 cc



## REAR SUSPENSION ASSEMBLY

0735-825

| Ref. | Part No.        | Qty. | Description                                     | Ref. | Part No. | Qty. | Description                        |
|------|-----------------|------|-------------------------------------------------|------|----------|------|------------------------------------|
| 1    | <u>0504-056</u> | 1    | Knuckle, Right Rear - Assembly (inc. 2 and 5-8) | 12   | 0404-014 | 2    | Shock Absorber - Rear              |
|      | <u>0504-057</u> | 1    | Knuckle, Left Rear - Assembly (inc. 2 and 5-8)  | 13   | 0403-028 | 4    | Sleeve, Shock Absorber             |
| 2    | 0504-042        | 1    | • Knuckle - Right                               | 14   | 0604-310 | 8    | Bushing, Shock Absorber            |
|      | 0504-043        | 1    | • Knuckle - Left                                | 15   | 0403-027 | 2    | Retainer, Spring - Lower           |
| 3    | 0403-038        | 6    | Collar, Suspension Bushing                      | 16   | 0403-013 | 2    | Washer, Spring Adjust              |
| 4    | 0403-032        | 12   | Bushing, Suspension                             | 17   | 0403-025 | 2    | Collar, Spring                     |
| 5    | 0402-275        | 2    | Bearing, Wheel                                  | 18   | 0603-033 | 2    | Retainer, Spring                   |
| 6    | 0423-034        | 2    | Clip, Bearing                                   | 19   | 0403-002 | 2    | Spring, Suspension                 |
| 7    | 0402-089        | 2    | Seal                                            | 20   | 0423-087 | 2    | Washer                             |
| 8    | 0402-069        | 2    | Seal                                            | 21   | 8428-002 | 12   | Nut, Lock                          |
| 9    | 0402-171        | 2    | Axle, Drive                                     | 22   | 8409-040 | 2    | Screw, Cap                         |
| 10   | 0504-044        | 2    | Arm, Rear - Upper                               | 23   | 8408-820 | 2    | Screw, Cap                         |
| 11   | 0504-030        | 1    | A-Arm, Rear - Lower Right                       | 24   | 8409-000 | 6    | Screw, Cap                         |
|      | 0504-031        | 1    | A-Arm, Rear - Lower Left                        | 25   | 8409-060 | 4    | Screw, Cap                         |
|      |                 |      |                                                 | 26   | 0436-113 | 2    | Repair Kit, Inner Boot - Rear Axle |
|      |                 |      |                                                 | 27   | 0436-114 | 2    | Repair Kit, Outer Boot - Rear Axle |

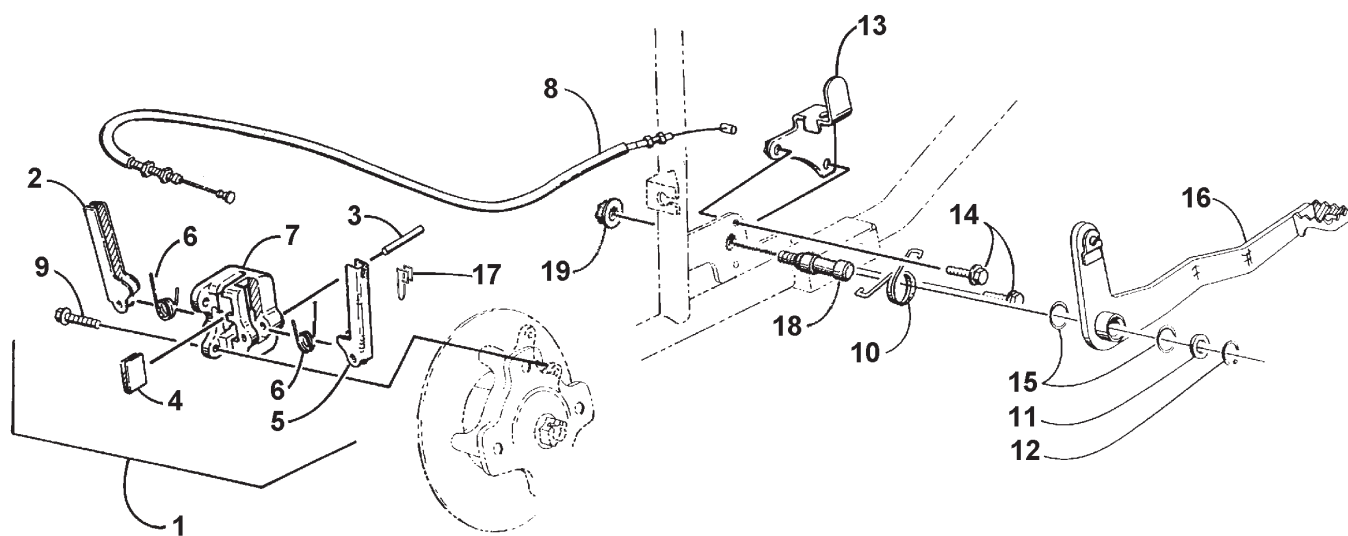


# WHEEL AND TIRE ASSEMBLY

0736-134

| Ref. | Part No. | Qty. | Description            | Ref. | Part No. | Qty. | Description               |
|------|----------|------|------------------------|------|----------|------|---------------------------|
| 1    | 3423-213 | 4    | Nut, Hex               | 9    | 0502-168 | 2    | Hub, Wheel - Front (2X4)  |
| 2    | 0402-140 | 4    | Cap, Valve Stem        |      | 0502-166 | 2    | Hub, Wheel - Front (4X4)  |
| 3    | 0402-064 | 4    | Stem, Valve            | 10   | 0402-482 | 3    | Disc, Brake               |
| 4    | 0402-657 | 2    | Wheel - Front          | 11   | 0423-029 | 12   | Screw, Machine            |
| 5    | 0402-316 | 2    | Tire - Front           | 12   | 0502-196 | 1    | Hub, Wheel - Rear - Right |
|      | 0402-317 | 2    | Tire - Front (300 4X4) |      | 0502-167 | 1    | Hub, Wheel - Rear - Left  |
| 6    | 0123-458 | 4    | Pin, Cotter            | 13   | 0402-657 | 2    | Wheel - Rear              |
| 7    | 0423-080 | 4    | Washer                 | 14   | 0402-317 | 2    | Tire, Rear                |
| 8    | 0402-181 | 4    | Seal, Hub              |      | 0402-319 | 2    | Tire, Rear (300 4X4)      |
|      |          |      |                        | 15   | 0403-035 | 4    | Cap, Wheel - Center       |
|      |          |      |                        | 16   | 0423-120 | 16   | Nut, Mounting - Wheel     |

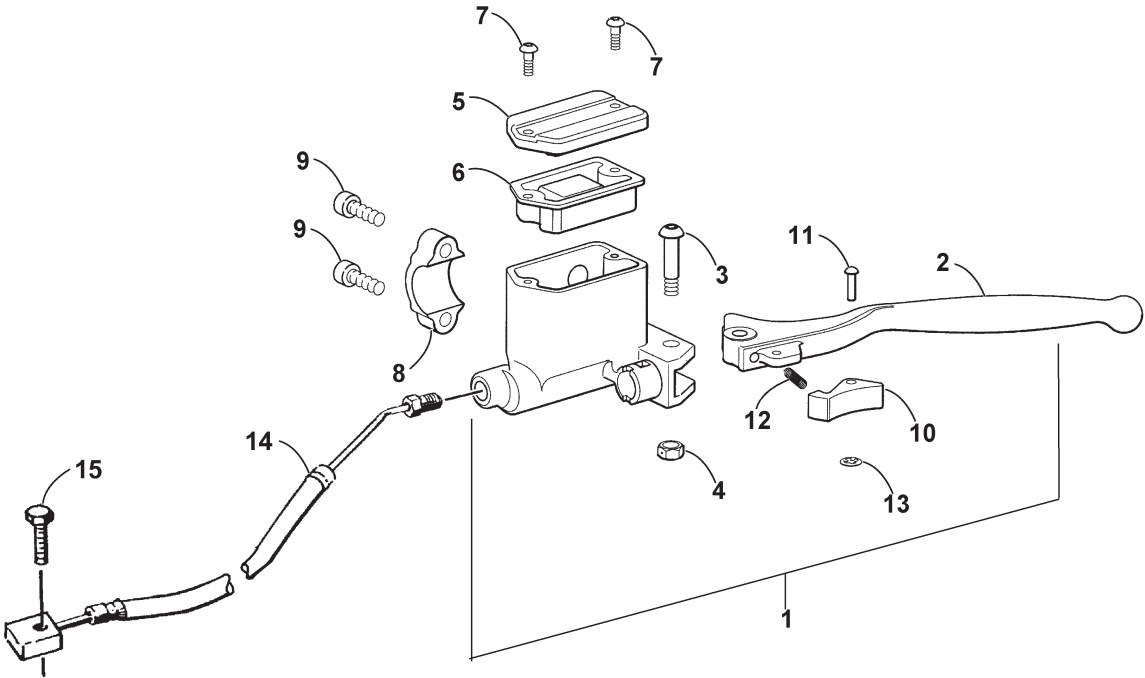
## 2001 ATV 250/300 cc



## MECHANICAL BRAKE ASSEMBLY

0735-824 \*Not a Service Part

| Ref. | Part No. | Qty. | Description                          | Ref. | Part No.        | Qty. | Description           |
|------|----------|------|--------------------------------------|------|-----------------|------|-----------------------|
| 1    | 0502-115 | 1    | Mechanical Brake Assembly (inc. 2-7) | 11   | 0423-027        | 1    | Washer, Brake Lever   |
| 2    | 0402-206 | 1    | • Arm, Inner                         | 12   | 0623-237        | 1    | Ring, Snap            |
| 3    | 0402-208 | 2    | • Pin, Arm                           | 13   | 0502-056        | 1    | Bracket, Brake Switch |
| 4    | 0402-210 | 2    | • Pad, Brake                         | 14   | 8476-616        | 2    | Screw, Cap            |
| 5    | 0402-207 | 1    | • Arm, Outer                         | 15   | 0670-183        | 2    | O-Ring                |
| 6    | 0402-209 | 2    | • Spring, Arm                        | 16   | 0502-095        | 1    | Lever, Brake          |
| 7    | *        | 1    | • Housing, Brake                     | 17   | 0402-379        | 1    | Wire Form - Cable     |
| 8    | 0487-010 | 1    | Cable, Brake - Rear                  | 18   | 0406-562        | 1    | Axle, Foot Brake      |
| 9    | 8408-825 | 2    | Screw, Cap                           | 19   | <u>0423-165</u> | 1    | Nut                   |
| 10   | 0402-161 | 1    | Spring, Brake                        |      |                 |      |                       |

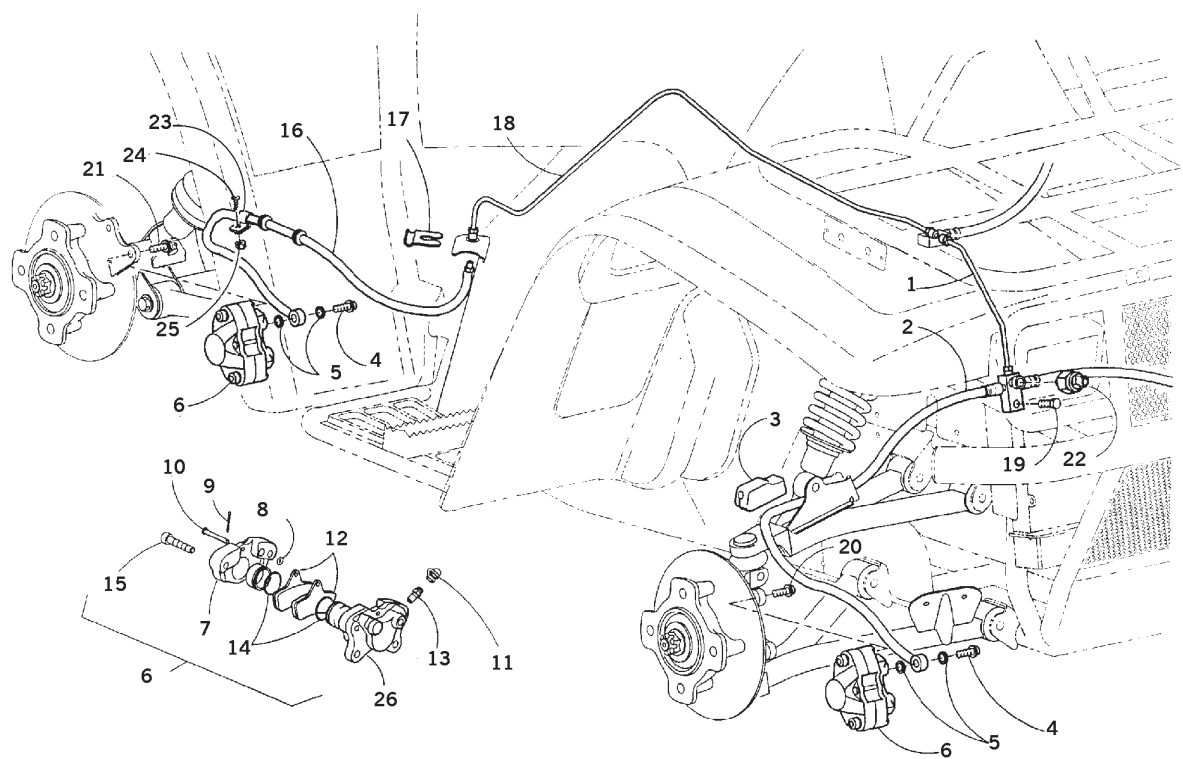


HYDRAULIC HAND BRAKE ASSEMBLY

0735-650

| Ref. | Part No. | Qty. | Description                             | Ref. | Part No. | Qty. | Description                |
|------|----------|------|-----------------------------------------|------|----------|------|----------------------------|
| 1    | 0502-073 | 1    | Cylinder, Master - Assembly (inc. 2-13) | 8    | 0402-558 | 1    | • Clamp, Master Cylinder   |
| 2    | 0402-542 | 1    | • Lever, Brake                          | 9    | 0402-562 | 2    | • Screw                    |
| 3    | 0402-549 | 1    | • Screw                                 | 10   | 0402-546 | 1    | • Lever, Brake - Lock      |
| 4    | 0402-557 | 1    | • Nut, Lock                             | 11   | 0402-547 | 1    | • Rivet                    |
| 5    | 0402-544 | 1    | • Cover, Reservoir                      | 12   | 0402-559 | 1    | • Spring, Lever Lock       |
| 6    | 0402-553 | 1    | • Bladder, Reservoir                    | 13   | 0402-561 | 1    | • Washer, Lock - Retaining |
| 7    | 0402-545 | 2    | • Screw                                 | 14   | 0402-050 | 1    | Hose, Brakeline            |
|      |          |      |                                         | 15   | 8476-625 | 1    | Screw, Machine             |

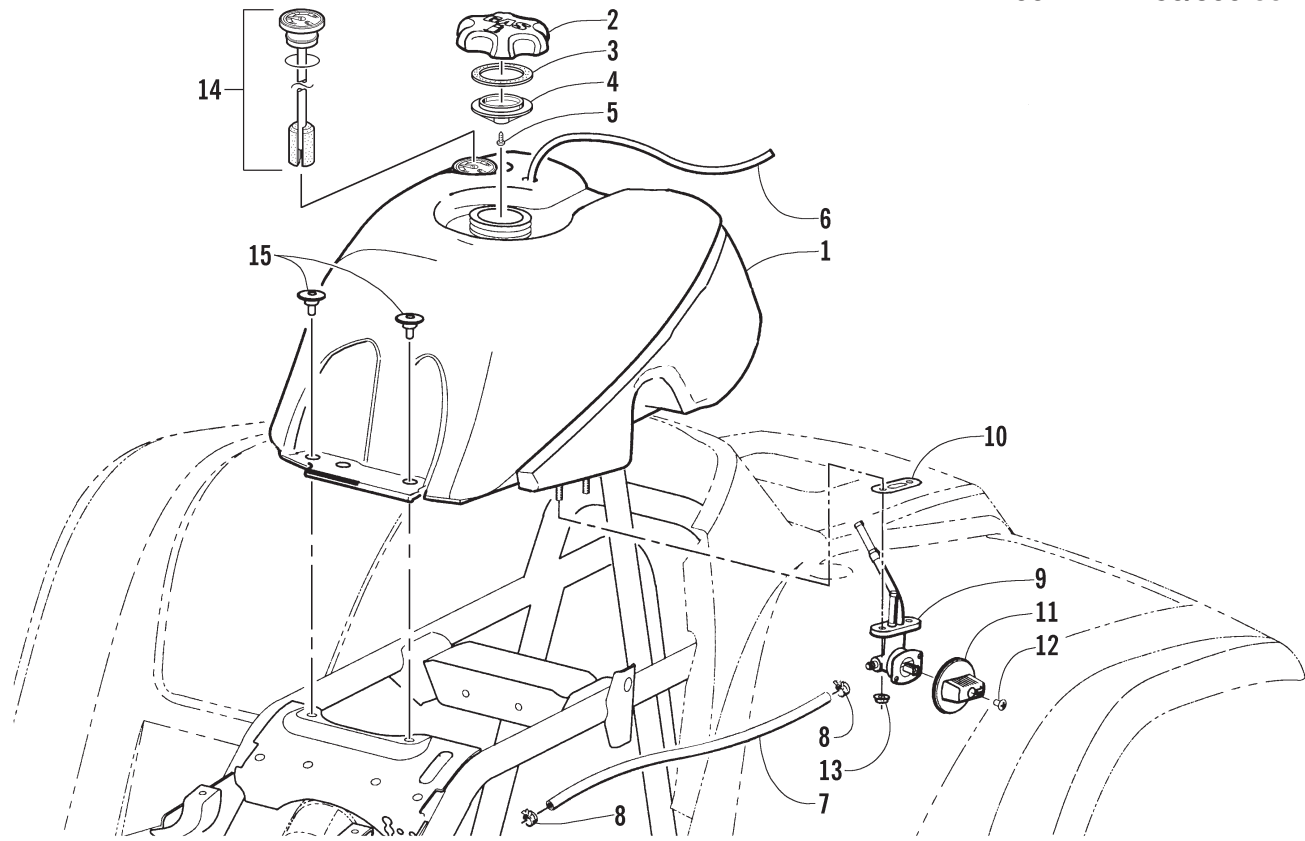
2001 ATV 250/300 cc



HYDRAULIC BRAKE ASSEMBLY

0735-441 \*Not a Service Part

| Ref. | Part No. | Qty. | Description                                                | Ref. | Part No. | Qty. | Description                  |
|------|----------|------|------------------------------------------------------------|------|----------|------|------------------------------|
| 1    | 0402-053 | 1    | Tube, Brakeline - Front (2X4)                              | 12   | 0402-494 | 6    | • Pad, Brake                 |
|      | 0402-373 | 1    | Tube, Brakeline - Front (4X4)                              | 13   | 0402-491 | 3    | • Valve, Bleeder             |
| 2    | 0402-051 | 1    | Hose, Brake - Front (2X4)                                  | 14   | 0402-487 | 6    | • O-Ring, Brake Caliper      |
|      | 0402-307 | 1    | Hose, Brake - Front (4X4)                                  | 15   | 0402-492 | 6    | • Screw, Socket Head         |
| 3    | 0402-073 | 2    | Block, Mounting                                            | 16   | 0402-254 | 1    | Hose, Brake - Rear           |
| 4    | 0423-038 | 3    | Bolt, Oil                                                  | 17   | 0402-597 | 1    | Clip, Brakeline              |
| 5    | 0423-039 | 6    | Washer, Crush                                              | 18   | 0402-170 | 1    | Tube, Brakeline - Rear       |
| 6    | 0402-488 | 1    | Caliper, Brake - Right Front<br>(inc. 7-15 and 26)         | 19   | 8476-625 | 2    | Screw, Machine               |
|      | 0402-489 | 2    | Caliper, Brake - Left Front and Rear<br>(inc. 7-15 and 26) | 20   | 8408-825 | 6    | Screw, Cap                   |
| 7    | *        | 3    | • Housing, Caliper                                         | 21   | 8408-820 | 2    | Screw, Cap                   |
| 8    | 0402-490 | 3    | • O-Ring                                                   | 22   | 0402-306 | 1    | Switch, Brake Pressure (4X4) |
| 9    | 0402-496 | 3    | • Pin, Cotter                                              | 23   | 0123-269 | 1    | Clamp, Cable                 |
| 10   | 0402-495 | 3    | • Pin, Brake Caliper                                       | 24   | 8476-612 | 1    | Screw, Machine               |
| 11   | 0402-493 | 3    | • Cap, Bleeder Valve                                       | 25   | 0624-250 | 1    | Nut                          |
|      |          |      |                                                            | 26   | *        | 1    | Housing, Caliper             |



GAS TANK ASSEMBLY

0736-132

| Ref. | Part No. | Qty. | Description                     | Ref. | Part No. | Qty. | Description                        |
|------|----------|------|---------------------------------|------|----------|------|------------------------------------|
| 1    | 0570-035 | 1    | Tank, Gas - Assembly (inc. 2-4) | 9    | 0470-401 | 1    | • Valve, Fuel Shut-Off (inc. 10)   |
| 2    | 0470-380 | 1    | • Cap, Gas (inc. 3-5)           | 10   | 0470-364 | 1    | •• Gasket, Fuel Shut-Off Valve     |
| 3    | 0470-414 | 1    | •• Gasket, Gas Cap              | 11   | 0470-408 | 1    | • Knob, Fuel Shut-Off Valve        |
| 4    | 0670-690 | 1    | •• Retainer, Gasket             | 12   | 0423-146 | 1    | • Screw, Fuel Shut-Off Valve Knob  |
| 5    | 0624-499 | 1    | •• Screw, Machine               | 13   | 0624-250 | 2    | • Nut, Lock                        |
| 6    | 0470-381 | 1    | • Hose, Vent                    | 14   | 0470-444 | 1    | • Gauge, Fuel w/Gasket (Press-Fit) |
| 7    | 0610-007 | AR   | • Hose, Gasline - 25 ft         | 15   | 0423-130 | 2    | Screw, Gas Tank                    |
| 8    | 0423-152 | 2    | • Clamp, Hose - Spring          |      |          |      |                                    |

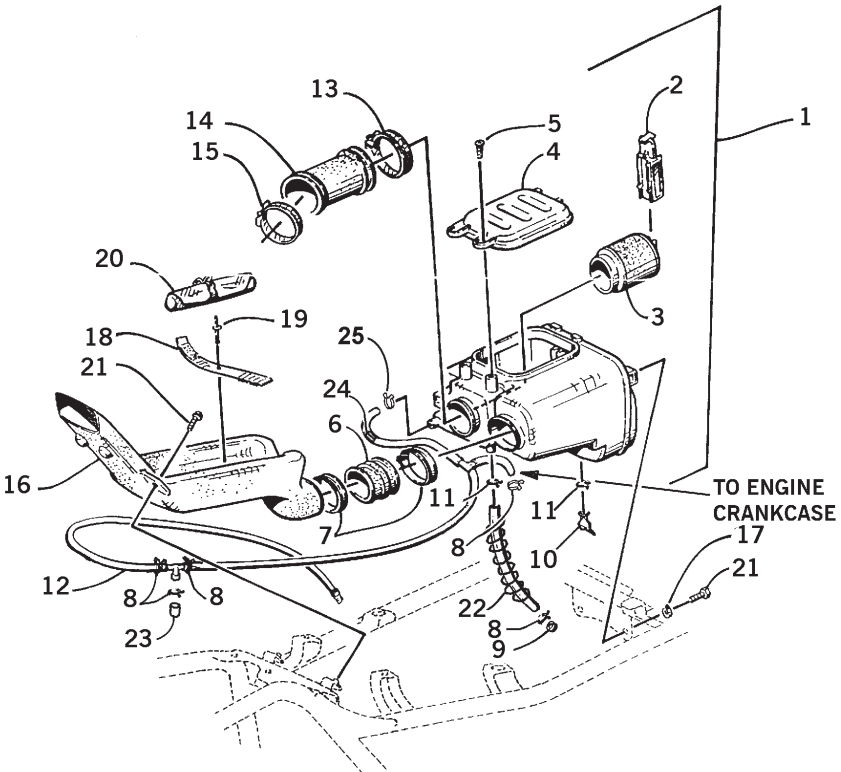
This exploded view diagram illustrates the assembly of a vehicle's parking brake system. The components are numbered as follows:

- 1:** A large metal bracket or housing that serves as the main structural component.
- 2:** A small screw or bolt used for securing a component.
- 3:** A metal bracket or lever arm.
- 4:** A metal plate or support.
- 5:** A metal pin or bushing.
- 6:** A metal pin or bushing.
- 7:** A small coil spring.
- 8:** A metal bracket or lever arm.
- 9:** A metal pin or bushing.
- 10:** A metal plate or support.
- 11:** A metal pin or bushing.
- 12:** A cable with a coiled spring section, likely the parking brake cable.

The diagram shows the spatial relationship between these parts, with dashed lines indicating the assembly path and alignment. The cable (12) is shown connected to the lever arm (3) and the bracket (8). The spring (7) is shown attached to the lever arm (3) and the bracket (8). The pin (9) is shown passing through the lever arm (3) and the bracket (8). The pin (11) is shown passing through the lever arm (3) and the bracket (8). The pin (5) is shown passing through the lever arm (3) and the bracket (8). The pin (6) is shown passing through the lever arm (3) and the bracket (8). The pin (1) is shown passing through the lever arm (3) and the bracket (8).

## 0733-716

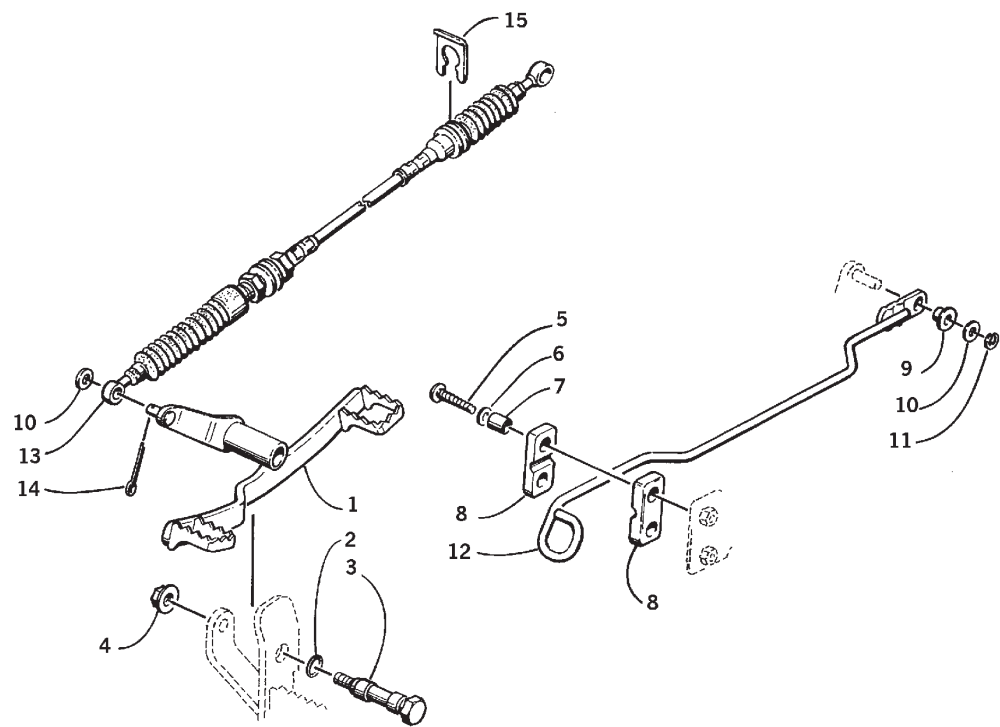
14



AIR INTAKE ASSEMBLY

0735-424

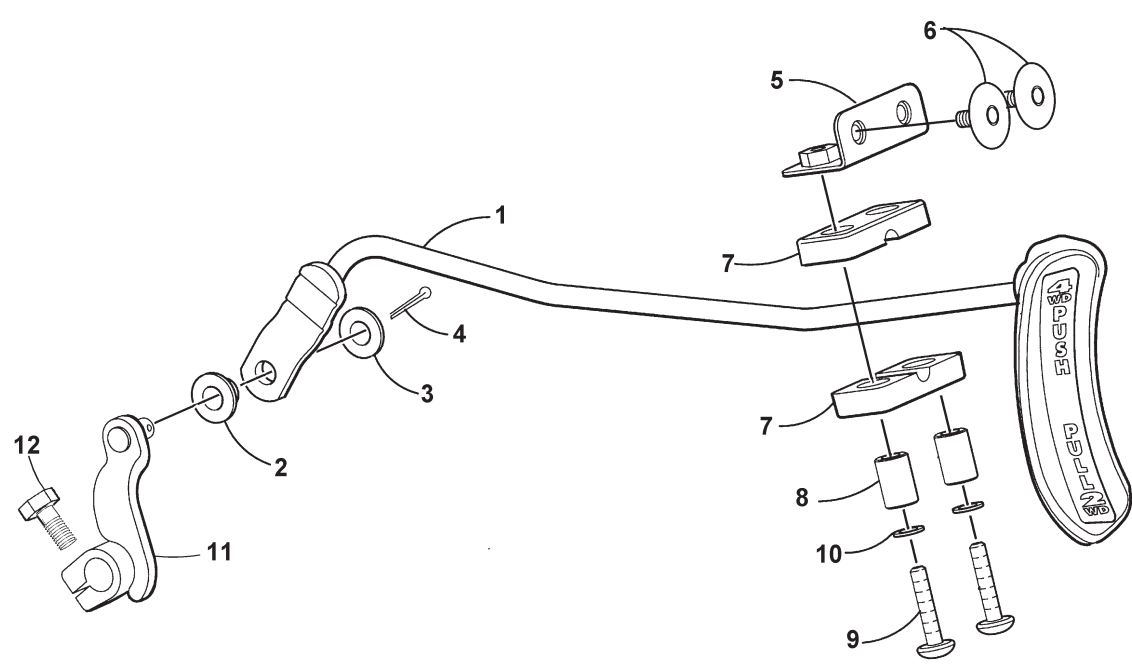
| Ref. | Part No. | Qty. | Description                       | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|-----------------------------------|------|----------|------|-------------------------------|
| 1    | 3570-001 | 1    | Intake, Air - Assembly (inc. 2-5) | 14   | 0470-347 | 1    | Boot, Air Cleaner             |
| 2    | 3402-330 | 1    | • Slider, Retainer - Filter       | 15   | 3402-235 | 1    | Clamp                         |
| 3    | 0470-421 | 1    | • Filter, Air Cleaner             | 16   | 0570-019 | 1    | Snorkel, Air Intake           |
| 4    | 3402-331 | 1    | • Cap                             | 17   | 8053-212 | 1    | Washer, Lock - External Tooth |
| 5    | 8477-610 | 2    | • Screw, Cap                      | 18   | 0406-379 | 1    | Strap, Tool Kit               |
| 6    | 3423-329 | 1    | Joint                             | 19   | 0606-586 | 1    | Plug, Hole - Retaining Clip   |
| 7    | 3423-311 | 2    | Clamp                             | 20   | 0444-079 | 1    | Kit, Tool                     |
| 8    | 3423-313 | 5    | Clip                              | 21   | 8476-616 | 5    | Screw, Cap                    |
| 9    | 0423-127 | 1    | Plug, Drain                       | 22   | 0423-128 | 1    | Spring, Vent Tube             |
| 10   | 0470-349 | 1    | Valve, Air Cleaner                | 23   | 3402-334 | 1    | Plug, Breather                |
| 11   | 0423-047 | 2    | Clamp                             | 24   | 3470-002 | 1    | Valve, Check                  |
| 12   | 3470-004 | 1    | Tube, Crankcase Breather          | 25   | 3423-424 | 1    | Clip, Air Cleaner             |
| 13   | 3402-236 | 1    | Clamp                             |      |          |      |                               |



SHIFTER ASSEMBLY

0735-823

| Ref. | Part No. | Qty. | Description             | Ref. | Part No. | Qty. | Description       |
|------|----------|------|-------------------------|------|----------|------|-------------------|
| 1    | 0502-114 | 1    | Lever, Footshift        | 9    | 0423-091 | 1    | Bushing, Linkage  |
| 2    | 0423-096 | 2    | O-Ring                  | 10   | 8050-242 | 2    | Washer            |
| 3    | 0402-370 | 1    | Axle, Lever             | 11   | 3423-168 | 1    | E-Ring, Linkage   |
| 4    | 8422-002 | 1    | Nut                     | 12   | 0502-062 | 1    | Linkage, High/Low |
| 5    | 8476-630 | 2    | Screw, Cap              | 13   | 3487-001 | 1    | Cable, Lever      |
| 6    | 8050-222 | 2    | Washer                  | 14   | 0623-175 | 1    | Pin, Cotter       |
| 7    | 0402-256 | 2    | Collar, High/Low Shift  | 15   | 3423-282 | 1    | Clip, Cable       |
| 8    | 0406-363 | 2    | Bushing, High/Low Shift |      |          |      |                   |

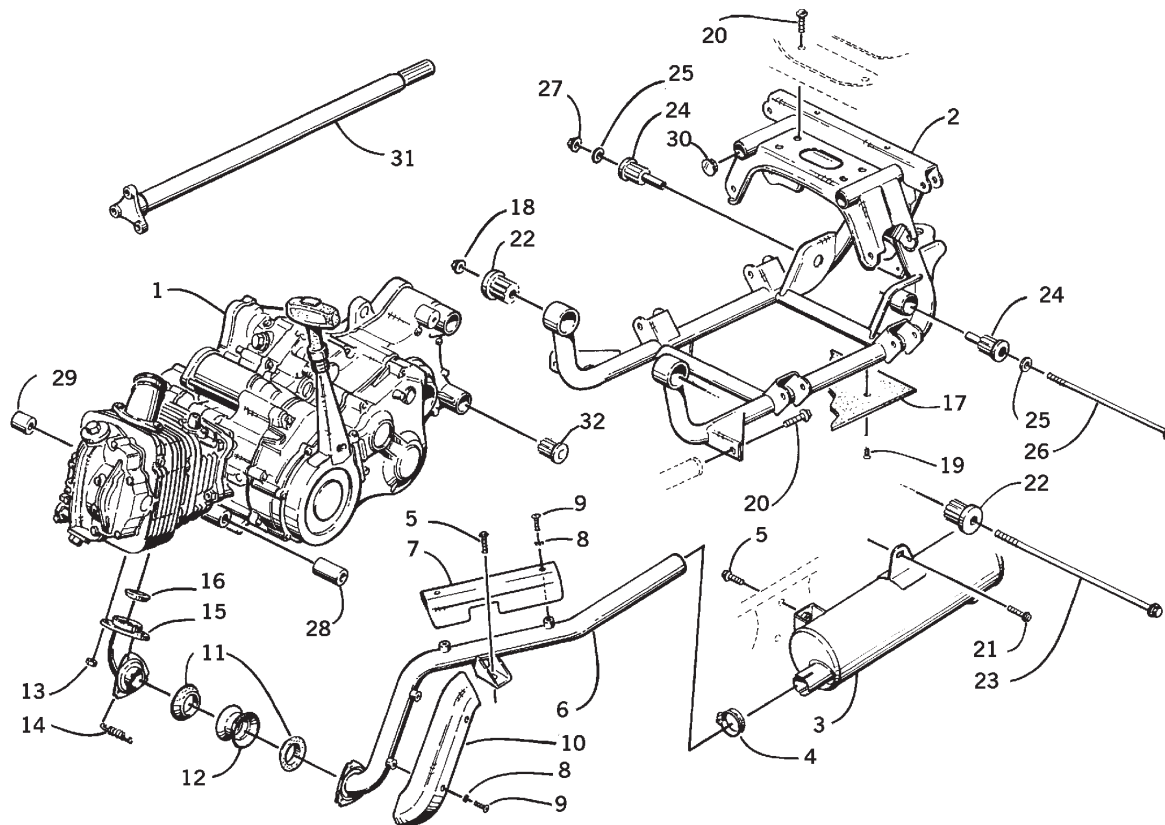


FRONT SHIFT LINKAGE ASSEMBLY

0735-956

| Ref. | Part No. | Qty. | Description            | Ref. | Part No. | Qty. | Description    |
|------|----------|------|------------------------|------|----------|------|----------------|
| 1    | 0502-160 | 1    | Linkage, Shift         | 7    | 0406-363 | 2    | Bushing        |
| 2    | 0423-091 | 1    | Bushing, Shift Linkage | 8    | 0402-256 | 2    | Collar         |
| 3    | 8050-242 | 1    | Washer                 | 9    | 8476-630 | 2    | Screw, Machine |
| 4    | 0623-846 | 1    | Pin, Cotter            | 10   | 8050-222 | 2    | Washer         |
| 5    | 0506-400 | 1    | Bracket, Shift Linkage | 11   | 0502-148 | 1    | Arm, Select    |
| 6    | 0423-101 | 2    | Screw, Body            | 12   | 8476-620 | 1    | Screw, Machine |

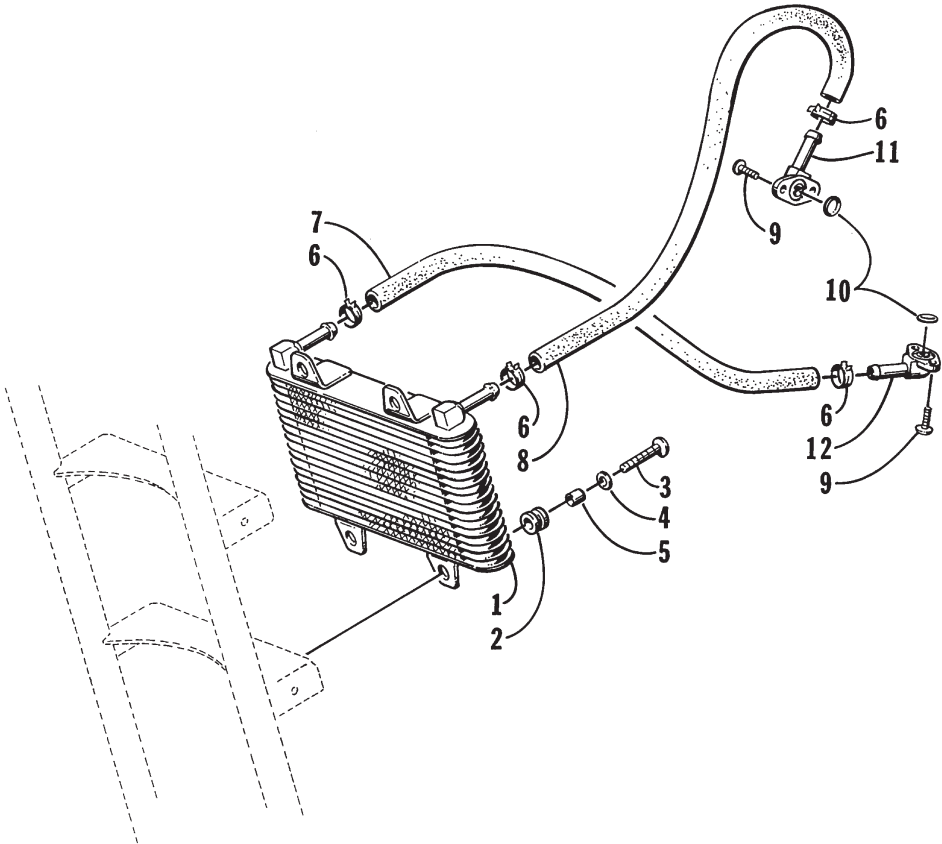
2001 ATV 250/300 cc



# ENGINE AND RELATED PARTS

0735-426

| Ref. | Part No.            | Qty. | Description           | Ref. | Part No. | Qty. | Description                    |
|------|---------------------|------|-----------------------|------|----------|------|--------------------------------|
| 1    | 0462-012            | 1    | Engine (250 2X4)      | 15   | 0512-008 | 1    | Pipe, Header                   |
|      | <del>0462-016</del> | 1    | Engine (250 4X4)      | 16   | 3402-300 | 1    | Seal, Exhaust Pipe             |
|      | 0462-005            | 1    | Engine (300 2X4)      | 17   | 0406-344 | 1    | Panel, Belly - Sub-Frame (300) |
|      | 0462-009            | 1    | Engine (300 4X4)      | 18   | 8422-202 | 1    | Nut                            |
| 2    | 0506-301            | 1    | Sub-Frame             | 19   | 0423-101 | 6    | Screw, Body                    |
| 3    | 0512-006            | 1    | Muffler (250)         | 20   | 8409-020 | 6    | Screw, Cap                     |
|      | 0512-011            | 1    | Muffler (300)         | 21   | 8408-816 | 1    | Screw, Cap                     |
| 4    | 0423-092            | 1    | Clamp, Exhaust        | 22   | 3402-264 | 2    | Mount, Engine                  |
| 5    | 8408-812            | 3    | Screw, Cap            | 23   | 3423-236 | 1    | Screw, Cap                     |
| 6    | 0512-004            | 1    | Pipe, Exhaust (250)   | 24   | 3402-263 | 4    | Mount, Engine                  |
|      | 0512-014            | 1    | Pipe, Exhaust (300)   | 25   | 8050-272 | 4    | Washer                         |
| 7    | 0412-024            | 1    | Cover, Exhaust - Rear | 26   | 3423-235 | 2    | Screw, Cap                     |
| 8    | 8053-211            | 4    | Washer, Lock          | 27   | 8422-002 | 2    | Nut                            |
| 9    | 8477-610            | 4    | Screw, Cap            | 28   | 0402-231 | 1    | Spacer, Engine Mount - Long    |
| 10   | 0412-023            | 1    | Cover, Exhaust        | 29   | 0402-232 | 1    | Spacer, Engine Mount - Short   |
| 11   | 0612-887            | 2    | Gasket, Exhaust       | 30   | 0406-320 | 2    | Cap, Sub-Frame                 |
| 12   | 0412-031            | 1    | Coupler, Exhaust      | 31   | 0502-066 | 1    | Driveshaft (4X4)               |
| 13   | 8424-802            | 2    | Nut                   | 32   | 3402-263 | 4    | Bushing, Engine Mount          |
| 14   | 0123-321            | 3    | Spring, Extension     |      |          |      |                                |

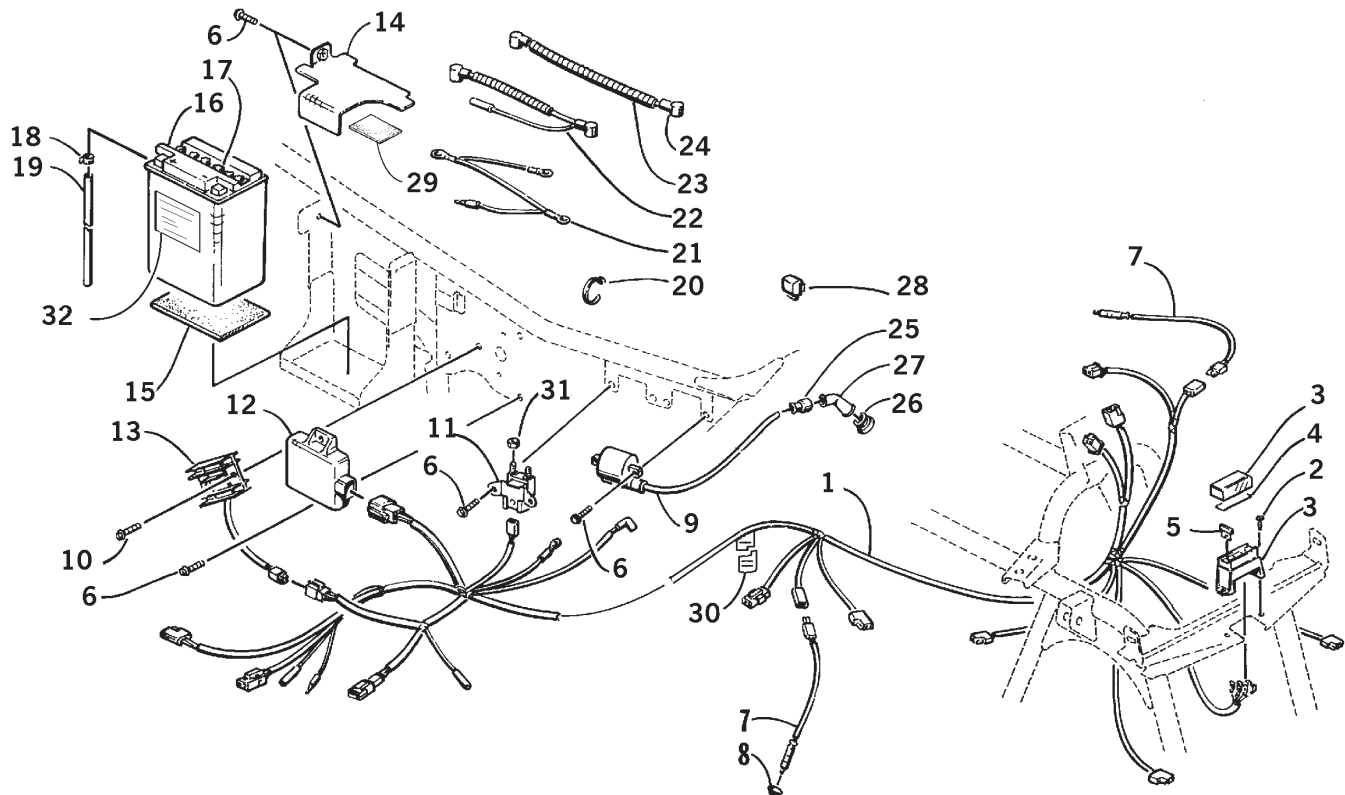


OIL COOLER ASSEMBLY

0733-727

| Ref. | Part No. | Qty. | Description | Ref. | Part No. | Qty. | Description           |
|------|----------|------|-------------|------|----------|------|-----------------------|
| 1    | 0413-011 | 1    | Cooler, Oil | 7    | 0410-006 | 1    | Hose, Oil - Output    |
| 2    | 0423-086 | 4    | Grommet     | 8    | 0410-007 | 1    | Hose, Oil - Input     |
| 3    | 8476-620 | 4    | Screw, Cap  | 9    | 8471-616 | 4    | Screw, Cap            |
| 4    | 8050-217 | 4    | Washer      | 10   | 0423-089 | 2    | O-Ring, Oil Fitting   |
| 5    | 0423-036 | 4    | Collar      | 11   | 0410-012 | 1    | Fitting, Oil - Angled |
| 6    | 0423-098 | 4    | Clamp, Hose | 12   | 0410-013 | 1    | Fitting, Oil          |

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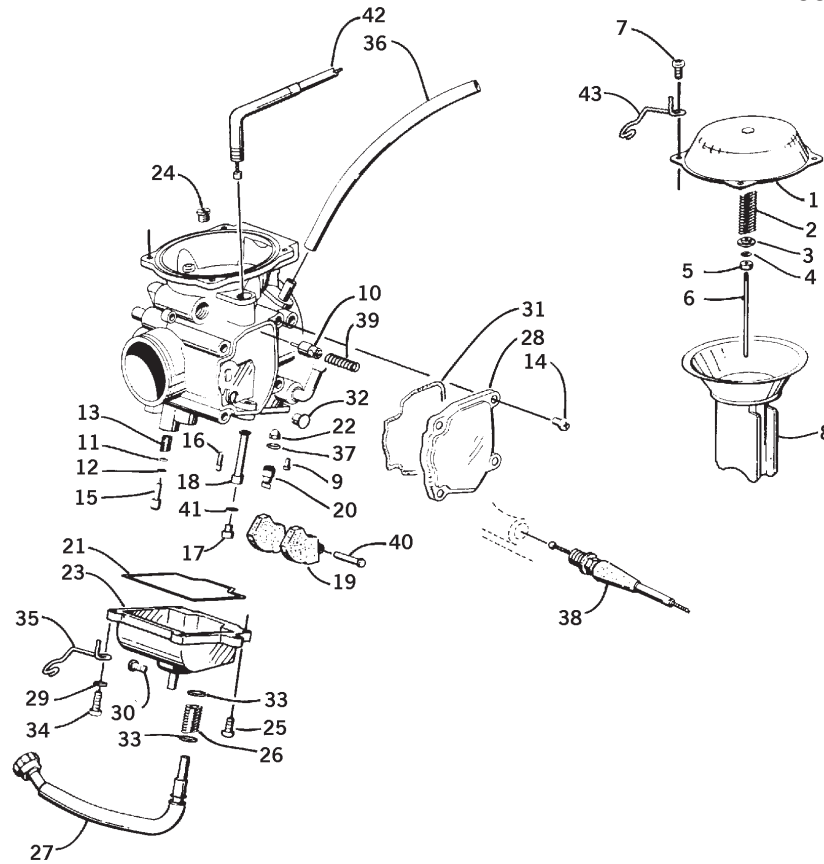


# ELECTRICAL COMPONENTS

0735-427

| Ref. | Part No.        | Qty. | Description                                                                     | Ref. | Part No.        | Qty. | Description                                                            |
|------|-----------------|------|---------------------------------------------------------------------------------|------|-----------------|------|------------------------------------------------------------------------|
| 1    | 0486-049        | 1    | Harness, Main (250)                                                             | 13   | 3530-014        | 1    | Regulator, Voltage                                                     |
|      | <u>0486-056</u> | 1    | Harness, Main (250/300 2X4)<br>(Vehicle Identification Number<br>305378 and Up) |      | <u>3530-034</u> | 1    | Regulator, Voltage<br>(Vehicle Identification Number<br>305378 and Up) |
|      | 0486-044        | 1    | Harness, Main (300 4X4)                                                         | 14   | 0506-254        | 1    | Bracket, Battery                                                       |
|      | <u>0486-058</u> | 1    | Harness, Main (300 4X4)<br>(Vehicle Identification Number<br>305378 and Up)     | 15   | 0406-380        | 1    | Pad, Battery                                                           |
| 2    | 0623-361        | 2    | Screw, Self-Tapping                                                             | 16   | 0645-063        | 1    | Battery (inc. 17-19)                                                   |
| 3    | 0530-003        | 1    | Fuse Box Assembly                                                               | 17   | 0645-045        | 6    | • Cap, Battery                                                         |
| 4    | 0411-084        | 1    | Decal, Fuse Box                                                                 | 18   | 0645-152        | 1    | • Clamp, Hose                                                          |
| 5    | 0630-057        | 4    | Fuse, 10 Amp                                                                    | 19   | 0645-263        | 1    | • Hose, Battery Vent                                                   |
| 6    | 8476-616        | 8    | Screw, Cap                                                                      | 20   | 0123-788        | AR   | Cable Tie - 7 in.                                                      |
| 7    | 0409-009        | 2    | Switch, Brake                                                                   | 21   | 0445-010        | 1    | Cable, Battery - Ground                                                |
| 8    | 0402-168        | 1    | Retainer, Switch                                                                | 22   | 0445-011        | 1    | Cable, Battery - Relay                                                 |
| 9    | 3530-025        | 1    | Coil, Ignition (250)                                                            | 23   | 0445-012        | 1    | Cable, Battery - Starter                                               |
|      | 3530-012        | 1    | Coil, Ignition (300)                                                            | 24   | 0645-019        | 4    | Boot, Terminal - Battery                                               |
| 10   | 8476-620        | 2    | Screw, Cap                                                                      | 25   | 3430-009        | 1    | Seal, High Tension Wire                                                |
| 11   | 3530-013        | 1    | Relay, Starter                                                                  | 26   | 3430-026        | 1    | Seal, Spark Plug                                                       |
| 12   | 3530-024        | 1    | CDI Unit (250)                                                                  | 27   | 3430-007        | 1    | Cap, Spark Plug                                                        |
|      | 3530-011        | 1    | CDI Unit (300)                                                                  | 28   | 3530-026        | 1    | Relay, Neutral Start                                                   |
|      |                 |      |                                                                                 | 29   | 0417-003        | 1    | Foam, Battery Bracket                                                  |
|      |                 |      |                                                                                 | 30   | 0486-029        | 1    | Diode (Start in Gear)                                                  |
|      |                 |      |                                                                                 | 31   | 0624-250        | 2    | Nut, Starter Relay                                                     |
|      |                 |      |                                                                                 | 32   | 0645-151        | 1    | Decal, Warning - Battery                                               |

# 2001 ATV 250/300 cc



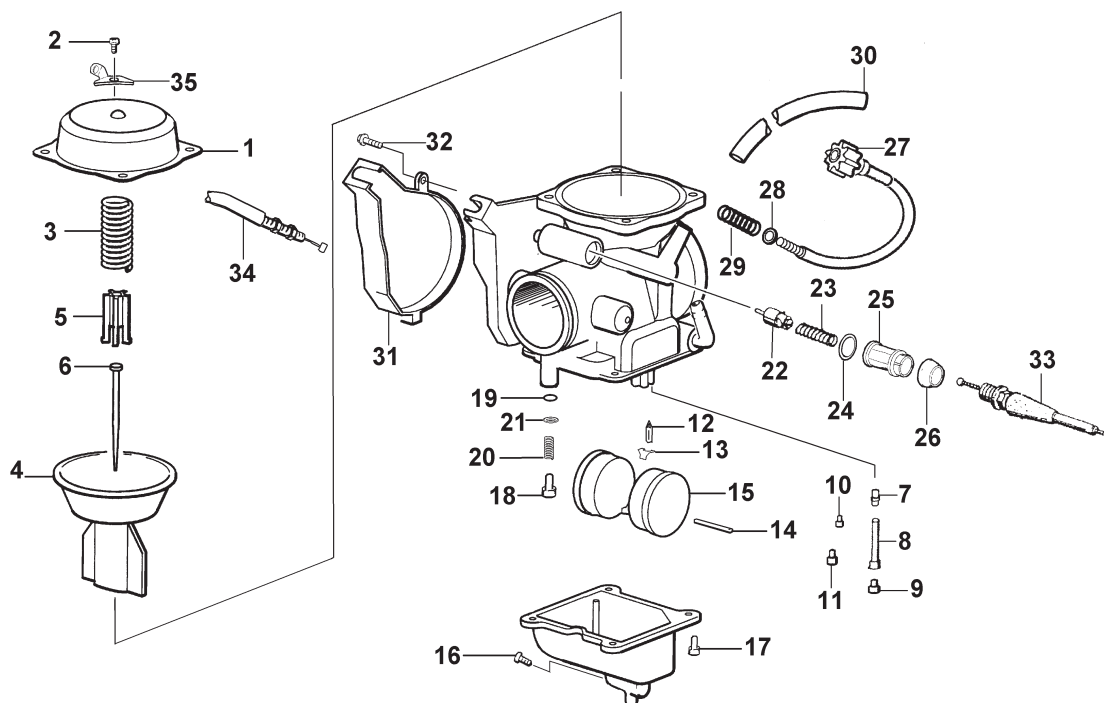
## CARBURETOR (250 cc)

0735-474 \*California Models Only

(Complete Assembly p/n 0470-367)

| Ref. | Part No. | Qty. | Description           | Ref. | Part No. | Qty. | Description                |
|------|----------|------|-----------------------|------|----------|------|----------------------------|
| 1    | 4505-069 | 1    | Cover - Assembly      | 22   | 4505-045 | 1    | Filter                     |
| 2    | 4505-002 | 1    | Spring                | 23   | 4505-023 | 1    | Chamber, Float             |
| 3    | 4505-003 | 1    | Ring                  | 24   | 4505-024 | 1    | Jet, Pilot Air             |
| 4    | 4505-004 | 1    | E-Clip                | 25   | 4505-025 | 3    | Screw                      |
| 5    | 4505-005 | 1    | Ring                  | 26   | 4505-026 | 1    | Spring                     |
| 6    | 4505-061 | 1    | Jet Needle J8-4D28-3  | 27   | 4505-062 | 1    | Adjuster, Cable - Assembly |
| 7    | 4505-007 | 4    | Screw                 | 28   | 4505-028 | 1    | Cover                      |
| 8    | 4505-058 | 1    | Diaphragm             | 29   | 4505-029 | 1    | Washer                     |
| 9    | 4505-009 | 1    | Screw                 | 30   | 4505-030 | 1    | Screw                      |
| 10   | 4505-067 | 1    | Plunger Assembly      | 31   | 4505-031 | 1    | O-Ring, Cover              |
| 11   | 4505-011 | 1    | O-Ring                | 32   | 4505-032 | 1    | Guide, Cable               |
| 12   | 4505-012 | 1    | Washer                | 33   | 4505-033 | 2    | Washer                     |
| 13   | 4505-013 | 1    | Spring                | 34   | 4505-042 | 1    | Screw                      |
| 14   | 4505-014 | 4    | Screw                 | 35   | 4505-065 | 1    | Clip                       |
| 15   | 4505-016 | 1    | Screw, Pilot          | 36   | 4505-064 | 2    | Hose                       |
| 16   | 4505-059 | 1    | Jet, Pilot 45         | 37   | 6505-875 | 1    | O-Ring                     |
| 17   | 4505-071 | 1    | Jet, Main 130         | 38   | 0487-008 | 1    | Cable, Choke               |
|      | 4505-019 | 1    | Jet, Main 142.5*      | 39   | 4505-039 | 1    | Spring                     |
| 18   | 4505-057 | 1    | Needle Jet P-8M       | 40   | 4505-040 | 1    | Pin                        |
|      | 4505-099 | 1    | Needle Jet P-6M       | 41   | 6505-006 | 1    | Washer                     |
| 19   | 4505-021 | 1    | Float Assembly        | 42   | 0487-007 | 1    | Cable, Throttle            |
| 20   | 4505-022 | 1    | Seat, Valve 2.0       | 43   | 4505-063 | 1    | Clip                       |
| 21   | 4505-044 | 1    | O-Ring, Float Chamber |      |          |      |                            |

## 2001 ATV 250/300 cc

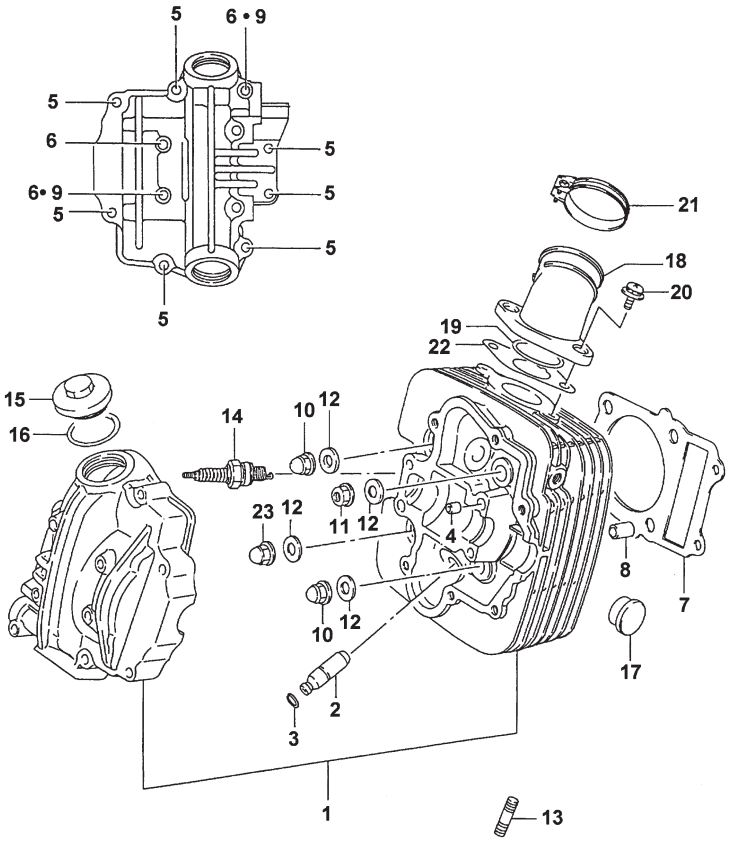


## CARBURETOR (300 cc)

0735-876 \*Not a Service Part \*\*Optional

(Complete Assembly p/n 0470-427)

| Ref. | Part No.        | Qty. | Description                  | Ref. | Part No.        | Qty. | Description                                |
|------|-----------------|------|------------------------------|------|-----------------|------|--------------------------------------------|
| 1    | <u>5507-051</u> | 1    | Cover, Top                   | 18   | 5507-040        | 1    | Screw, Pilot Air - Set (inc. 19-21)        |
| 2    | <u>5507-002</u> | 3    | Screw, Top Cover             | 19   | *               | 1    | • O-Ring                                   |
| 3    | <u>5507-052</u> | 1    | Spring                       | 20   | *               | 1    | • Spring                                   |
| 4    | <u>5507-053</u> | 1    | Piston, Vacuum               | 21   | *               | 1    | • Washer                                   |
| 5    | <u>5507-054</u> | 1    | Spring, Seat                 | 22   | 5507-022        | 1    | Valve, Starter                             |
| 6    | <u>5507-055</u> | 1    | Jet Needle                   | 23   | 5507-023        | 1    | Spring                                     |
| 7    | <u>5507-056</u> | 1    | Needle Jet                   | 24   | 5507-024        | 1    | O-Ring                                     |
| 8    | 5507-008        | 1    | Holder, Needle Jet           | 25   | 5507-025        | 1    | Cap                                        |
| 9    | <u>5507-057</u> | 1    | Main Jet - 135               | 26   | 5507-026        | 1    | Cap, Rubber                                |
|      | 5507-041        | 1    | Main Jet - 147**             | 27   | <u>5507-059</u> | 1    | Screw, Stop                                |
|      | 5507-042        | 1    | Main Jet - 145**             | 28   | 5507-028        | 1    | Washer                                     |
|      | 5507-043        | 1    | Main Jet - 142**             | 29   | 5507-029        | 1    | Spring                                     |
|      | 5507-044        | 1    | Main Jet - 140**             | 30   | <u>5507-060</u> | 1    | Tube, Vinyl                                |
|      | 5507-009        | 1    | Main Jet - 150**             | 31   | 5507-036        | 1    | Cover                                      |
| 10   | 5507-010        | 1    | Slow Jet                     | 32   | 5507-037        | 1    | Screw                                      |
| 11   | <u>5507-058</u> | 1    | Starter Jet 102              | 33   | 0487-016        | 1    | Cable, Choke                               |
| 12   | 5507-039        | 1    | Valve, Float - Set (inc. 13) | 34   | 0487-021        | 1    | Cable, Throttle                            |
| 13   | *               | 1    | • Clip                       | 35   | <u>5507-045</u> | 1    | Bracket, Idle Adjust                       |
| 14   | *               | 1    | Pin, Float                   | 36   | <u>5507-064</u> | 1    | Chamber, Float - Assembly (inc. 16 and 37) |
| 15   | 5507-038        | 1    | Float Set (inc. 14)          | 37   | <u>5507-068</u> | 1    | • O-Ring, Float Chamber                    |
| 16   | <u>5507-050</u> | 1    | Plug, Drain                  | 38   | 5507-035        | 1    | Screw                                      |
| 17   | 5507-017        | 4    | Screw                        |      |                 |      |                                            |

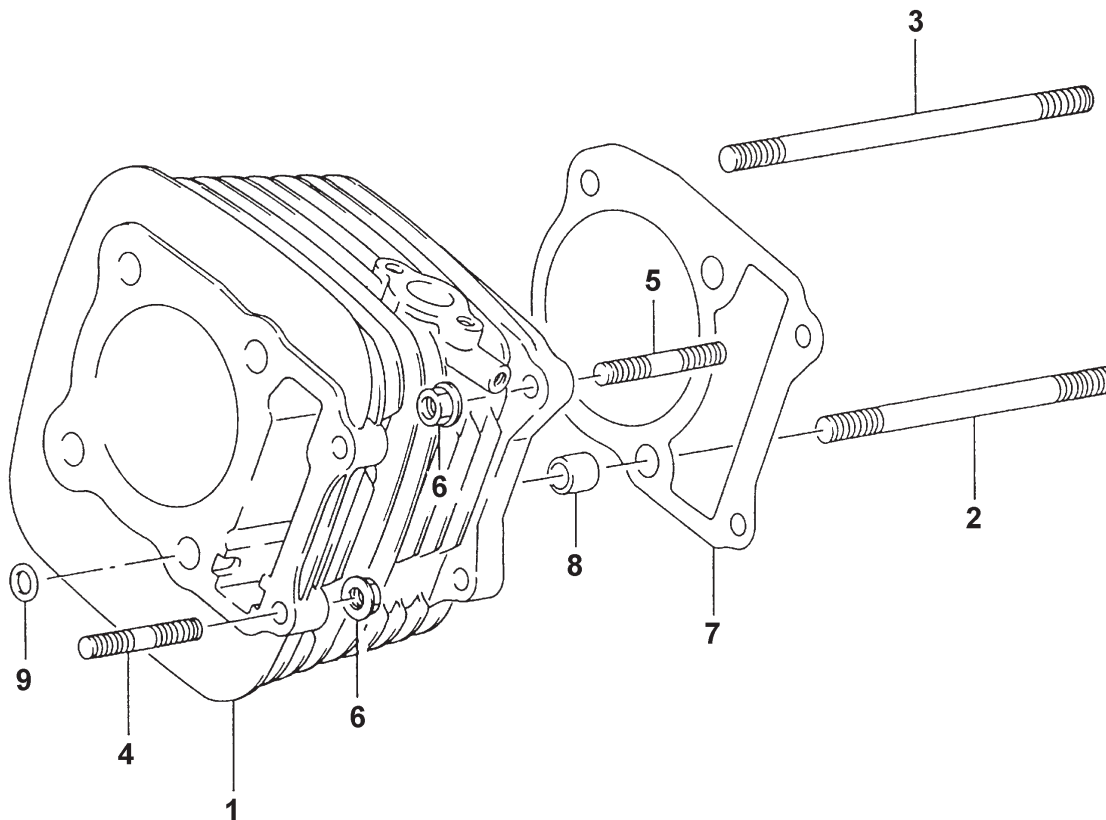


## CYLINDER HEAD ASSEMBLY

0736-195

| Ref. | Part No. | Qty. | Description                                | Ref. | Part No. | Qty. | Description            |
|------|----------|------|--------------------------------------------|------|----------|------|------------------------|
| 1    | 3402-407 | 1    | Head, Cylinder - Assembly (inc. 2-6) (250) | 13   | 3004-279 | 2    | Bolt, Stud             |
|      | 3402-246 | 1    | Head, Cylinder - Assembly (inc. 2-6) (300) | 14   | 0217-713 | 1    | Spark Plug (NGKDR7EA)  |
| 2    | 3402-247 | 2    | • Guide, Valve                             | 15   | 3402-249 | 2    | Cap, Inspection        |
| 3    | 3423-068 | 2    | • Ring, Valve Guide                        | 16   | 3423-275 | 2    | O-Ring                 |
| 4    | 3423-043 | 2    | • Pin, Dowel                               | 17   | 3402-213 | 1    | Plug, Head             |
| 5    | 3004-426 | 7    | • Screw, Cap                               | 18   | 3402-297 | 1    | Pipe, Intake           |
| 6    | 3423-304 | 3    | • Screw, Cap                               |      | 3402-531 | 1    | Pipe, Intake (250 4X4) |
| 7    | 3402-408 | 1    | Gasket, Cylinder Head (250)                | 19   | 3423-276 | 1    | O-Ring                 |
|      | 3402-248 | 1    | Gasket, Cylinder Head (300)                | 20   | 3423-305 | 2    | Screw                  |
| 8    | 3004-822 | 2    | Pin, Dowel                                 | 21   | 3402-086 | 1    | Clamp                  |
| 9    | 3003-290 | 2    | Gasket                                     | 22   | 3402-298 | 1    | Gasket, Intake Pipe    |
| 10   | 3423-257 | 3    | Nut                                        | 23   | 3004-326 | 1    | Nut (250)              |
| 11   | 3004-326 | 1    | Nut                                        |      | 3423-257 | 1    | Nut (300)              |
| 12   | 3005-243 | 4    | Gasket                                     |      |          |      |                        |

## 2001 ATV 250/300 cc

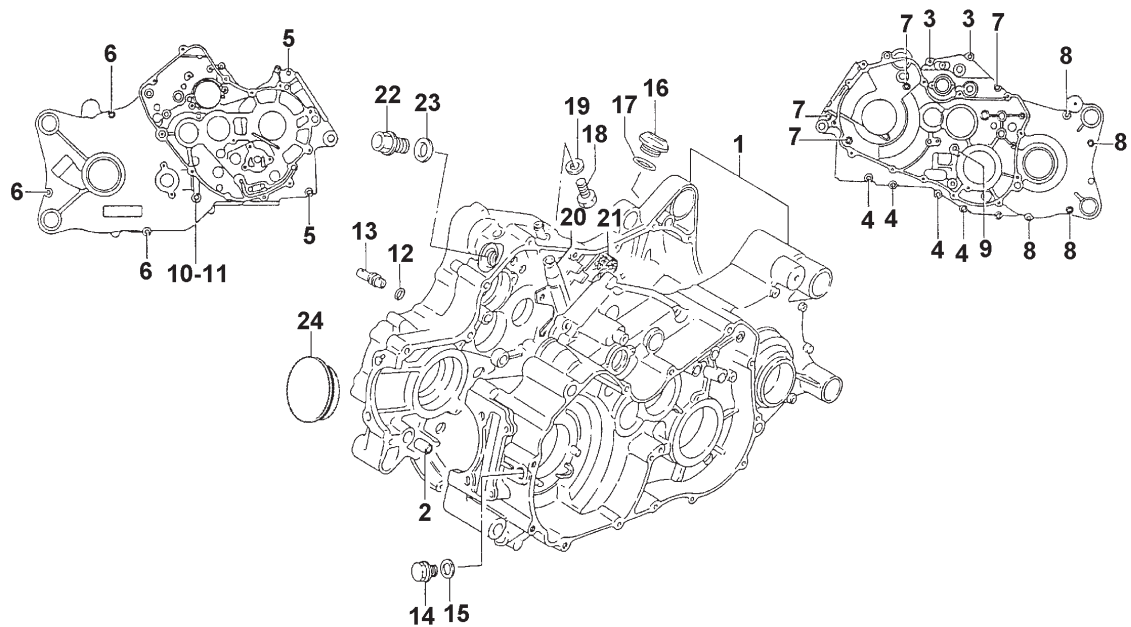


## CYLINDER ASSEMBLY

0733-744

| Ref. | Part No. | Qty. | Description      | Ref. | Part No. | Qty. | Description            |
|------|----------|------|------------------|------|----------|------|------------------------|
| 1    | 3402-409 | 1    | Cylinder (250)   | 5    | 3423-237 | 2    | Bolt, Stud             |
|      | 3402-251 | 1    | Cylinder (300)   | 6    | 3004-488 | 4    | Nut                    |
| 2    | 3423-365 | 2    | Bolt, Stud (250) | 7    | 3402-410 | 1    | Gasket, Cylinder (250) |
|      | 3423-238 | 2    | Bolt, Stud (300) |      | 3402-252 | 1    | Gasket, Cylinder (300) |
| 3    | 3423-364 | 2    | Bolt, Stud (250) | 8    | 3423-306 | 2    | Pin, Dowel             |
|      | 3423-239 | 2    | Bolt, Stud (300) | 9    | 3005-226 | 1    | O-Ring (300)           |
| 4    | 3423-089 | 2    | Bolt, Stud       |      |          |      |                        |

2001 ATV 250/300 cc

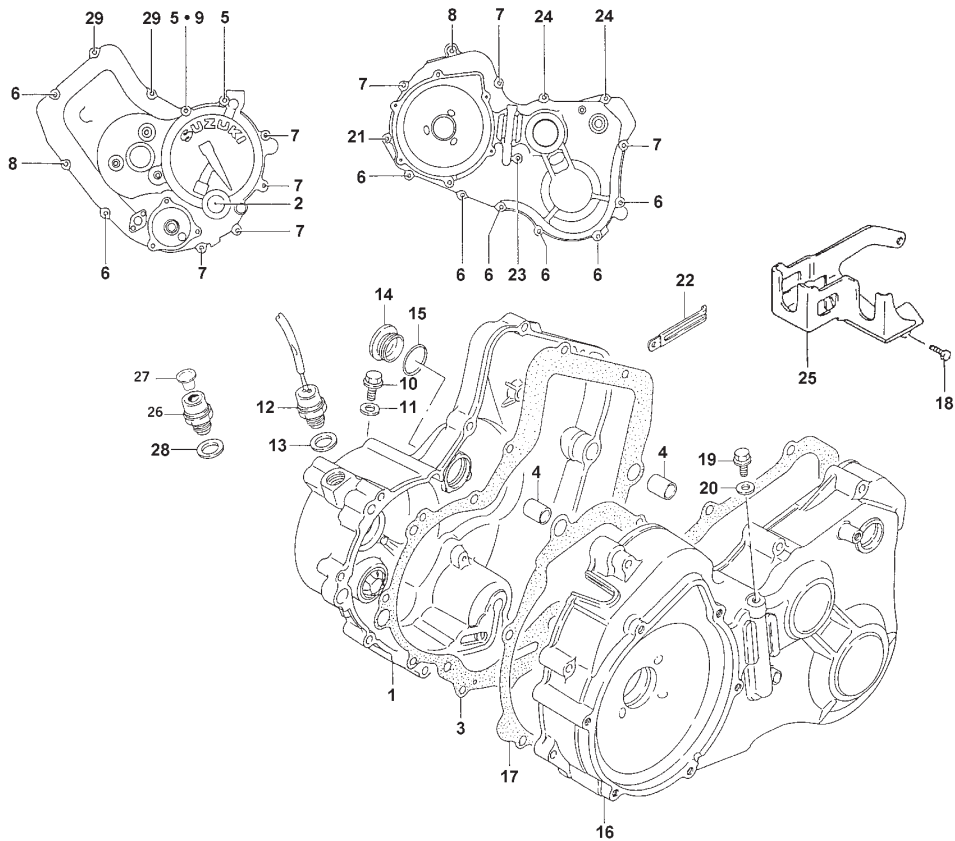


# CRANKCASE ASSEMBLY

0735-878

| Ref. | Part No. | Qty. | Description                         | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|-------------------------------------|------|----------|------|-------------------------------|
| 1    | 3402-411 | 1    | Crankcase Set (inc. 2-13) (250 2X4) | 13   | 3402-245 | 1    | • Jet, Oil Gallery            |
|      | 3402-528 | 1    | Crankcase Set (inc. 2-13) (250 4X4) | 14   | 3402-214 | 1    | Plug                          |
|      | 3402-253 | 1    | Crankcase Set (inc. 2-13) (300 2X4) | 15   | 3402-012 | 1    | Gasket                        |
|      | 3402-314 | 1    | Crankcase Set (inc. 2-13) (300 4X4) | 16   | 3402-212 | 1    | Cap, Oil Filler               |
| 2    | 3423-088 | 2    | • Pin, Dowel                        | 17   | 3423-274 | 1    | O-Ring                        |
| 3    | 3423-162 | 2    | • Screw, Cap                        | 18   | 3402-404 | 1    | Plug, Oil Drain (250)         |
| 4    | 3423-098 | 4    | • Screw, Cap                        |      | 3402-327 | 1    | Plug, Oil Drain (300)         |
| 5    | 3423-091 | 2    | • Screw, Cap                        | 19   | 3402-011 | 1    | Gasket                        |
| 6    | 3423-307 | 3    | • Screw, Cap                        | 20   | 3402-413 | 1    | Pipe, Breather (250 2X4)      |
| 7    | 3423-308 | 4    | • Screw, Cap                        |      | 3402-530 | 1    | Pipe, Breather (250 4X4)      |
| 8    | 3423-094 | 4    | • Screw, Cap                        |      | 3402-257 | 1    | Pipe, Breather (300)          |
| 9    | 3423-232 | 1    | • Screw, Cap                        | 21   | 3402-250 | 1    | Separator, Oil Breather (300) |
| 10   | 3423-234 | 1    | • Screw, Cap                        | 22   | 3402-258 | 1    | Plug, Reverse Switch Hole     |
| 11   | 3005-243 | 1    | • Gasket                            | 23   | 3423-271 | 1    | O-Ring                        |
| 12   | 3423-051 | 1    | • O-Ring, Oil Gallery Jet           | 24   | 3423-208 | 1    | Plug, Crankcase (250 2X4)     |

2001 ATV 250/300 cc

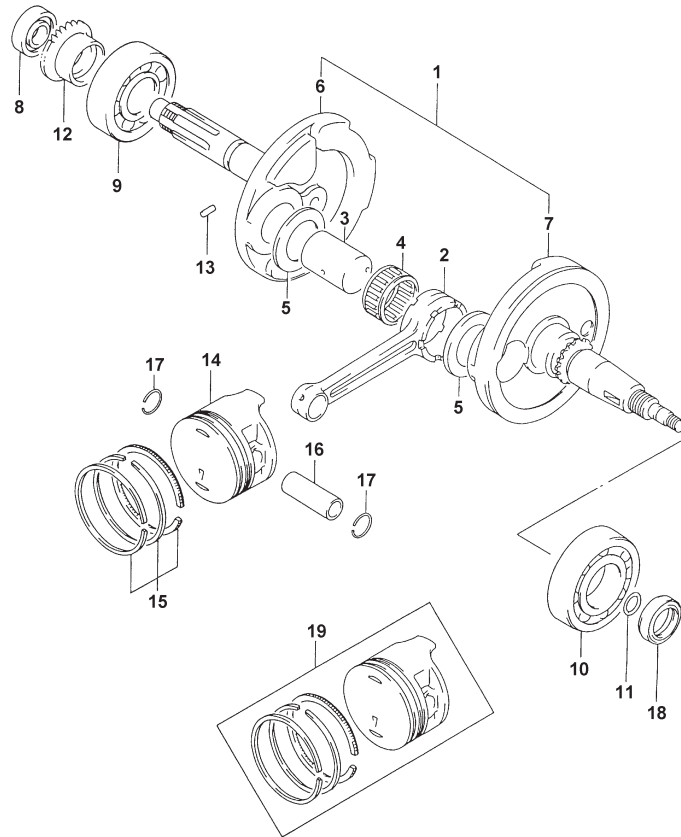


CRANKCASE COVER ASSEMBLY

0736-193

| Ref. | Part No. | Qty. | Description              | Ref. | Part No. | Qty. | Description                 |
|------|----------|------|--------------------------|------|----------|------|-----------------------------|
| 1    | 3402-254 | 1    | Cover, Clutch (inc. 2)   | 17   | 3402-262 | 1    | Gasket, Transfer Cover      |
| 2    | 3402-112 | 1    | • Lens, Oil Inspection   | 18   | 3423-328 | 1    | Screw, Cap                  |
| 3    | 3402-280 | 1    | Gasket                   | 19   | 3004-339 | 1    | Plug, Oil Gallery           |
| 4    | 3423-088 | 4    | Pin, Dowel               | 20   | 3003-290 | 1    | Gasket                      |
| 5    | 3423-231 | 2    | Bolt                     | 21   | 3004-756 | 1    | Screw, Cap                  |
| 6    | 0693-327 | 8    | Bolt                     | 22   | 0693-274 | 2    | Clamp, Breather Hose (250)  |
| 7    | 3423-098 | 7    | Bolt                     |      | 3402-237 | 2    | Clamp, Breather Hose (300)  |
| 8    | 3423-307 | 2    | Bolt                     | 23   | 3423-308 | 1    | Screw, Cap                  |
| 9    | 3003-290 | 1    | Gasket                   | 24   | 3423-091 | 2    | Screw, Cap                  |
| 10   | 3004-705 | 2    | Plug, Oil Gallery        | 25   | 3430-029 | 1    | Bracket, Shift Cable        |
| 11   | 3005-242 | 2    | Gasket                   | 26   | 3402-041 | 1    | Plug, Oil Gallery (250)     |
| 12   | 3430-019 | 1    | Switch, Oil Sensor (300) | 27   | 3402-405 | 1    | Cap, Oil Gallery Plug (250) |
| 13   | 3402-013 | 1    | Gasket (300)             | 28   | 3402-013 | 1    | Gasket (250)                |
| 14   | 3402-215 | 1    | Cap, Clutch Adjust       | 29   | 0693-327 | 2    | Bolt (250)                  |
| 15   | 3423-274 | 1    | O-Ring                   |      | 3423-098 | 2    | Bolt (300)                  |
| 16   | 3402-256 | 1    | Cover, Transfer          |      |          |      |                             |

## 2001 ATV 250/300 cc

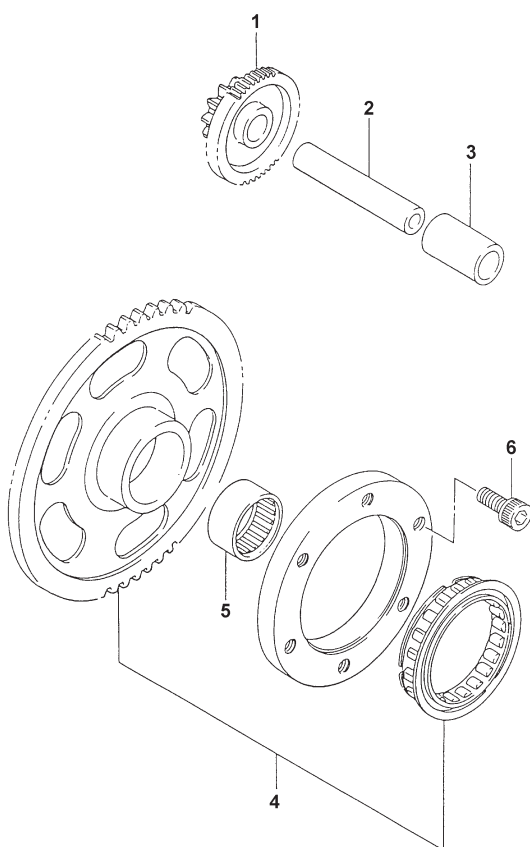


## CRANKSHAFT ASSEMBLY

0733-747

| Ref. | Part No. | Qty. | Description                          | Ref. | Part No. | Qty. | Description                                  |
|------|----------|------|--------------------------------------|------|----------|------|----------------------------------------------|
| 1    | 3402-419 | 1    | Crankshaft Assembly (inc. 2-7) (250) | 14   | 3402-415 | 1    | Piston (250)                                 |
|      | 3402-269 | 1    | Crankshaft Assembly (inc. 2-7) (300) |      | 3402-265 | 1    | Piston (300)                                 |
| 2    | 3402-418 | 1    | • Rod, Connecting (250)              | 15   | 3402-416 | 1    | Ring, Piston - Set (250)                     |
|      | 3402-268 | 1    | • Rod, Connecting (300)              |      | 3402-266 | 1    | Ring, Piston - Set (300)                     |
| 3    | 3402-422 | 1    | • Pin, Crank (250 2X4)               |      | 3436-013 | 1    | Ring, Piston - Set (Oversized 0.50 mm) (250) |
|      | 3402-529 | 1    | • Pin, Crank (250 4X4)               |      | 3436-014 | 1    | Ring, Piston - Set (Oversized 1.00 mm) (250) |
|      | 3402-270 | 1    | • Pin, Crank (300)                   |      | 3436-009 | 1    | Ring, Piston - Set (Oversized 0.50 mm) (300) |
| 4    | 3402-406 | 1    | • Bearing (250)                      |      | 3436-010 | 1    | Ring, Piston - Set (Oversized 1.00 mm) (300) |
|      | 3402-223 | 1    | • Bearing (300)                      | 16   | 3402-417 | 1    | Pin, Piston (250)                            |
| 5    | 3005-241 | 2    | • Washer (300)                       |      | 3402-267 | 1    | Pin, Piston (300)                            |
| 6    | 3402-420 | 1    | • Crankshaft - Right (250)           | 17   | 3423-366 | 2    | Circlip (250)                                |
|      | 3402-271 | 1    | • Crankshaft - Right (300)           |      | 3423-280 | 2    | Circlip (300)                                |
| 7    | 3402-421 | 1    | • Crankshaft - Left (250)            | 18   | 3402-227 | 1    | Seal, Oil                                    |
|      | 3402-272 | 1    | • Crankshaft - Left (300)            | 19   | 3402-423 | 1    | Piston Set (Oversized 0.50 mm) (250)         |
| 8    | 3402-216 | 1    | Bearing - Right                      |      | 3402-424 | 1    | Piston Set (Oversized 1.00 mm) (250)         |
| 9    | 3402-221 | 1    | Bearing - Middle                     |      | 3402-306 | 1    | Piston Set (Oversized 0.50 mm) (300)         |
| 10   | 3402-180 | 1    | Bearing - Left (250)                 |      | 3402-307 | 1    | Piston Set (Oversized 1.00 mm) (300)         |
|      | 3402-055 | 1    | Bearing - Left (300)                 |      |          |      |                                              |
| 11   | 3423-053 | 1    | O-Ring                               |      |          |      |                                              |
| 12   | 3402-428 | 1    | Gear, Oil Pump Drive (250)           |      |          |      |                                              |
|      | 3402-301 | 1    | Gear, Oil Pump Drive (300)           |      |          |      |                                              |
| 13   | 3423-114 | 1    | Pin                                  |      |          |      |                                              |

## 2001 ATV 250/300 cc

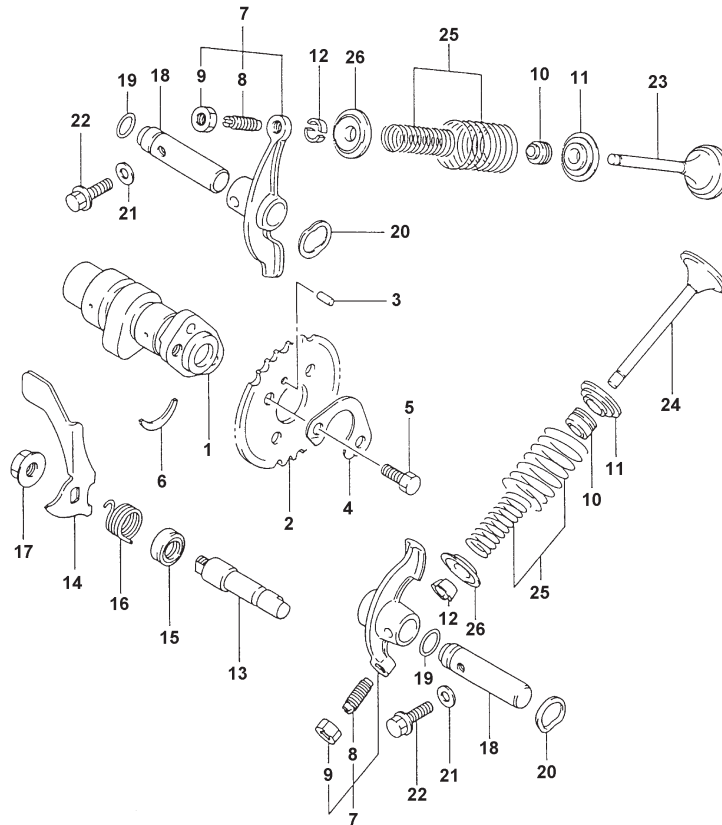


## STARTER CLUTCH ASSEMBLY

0733-748

| Ref. | Part No. | Qty. | Description         | Ref. | Part No. | Qty. | Description                  |
|------|----------|------|---------------------|------|----------|------|------------------------------|
| 1    | 3402-274 | 1    | Gear, Starter Idler | 4    | 3402-273 | 1    | Clutch Set, Starter (inc. 5) |
| 2    | 3423-267 | 1    | Pin                 | 5    | 3402-222 | 1    | • Bearing                    |
| 3    | 3402-145 | 1    | Spacer              | 6    | 3423-309 | 3    | Screw, Cap                   |

# 2001 ATV 250/300 cc

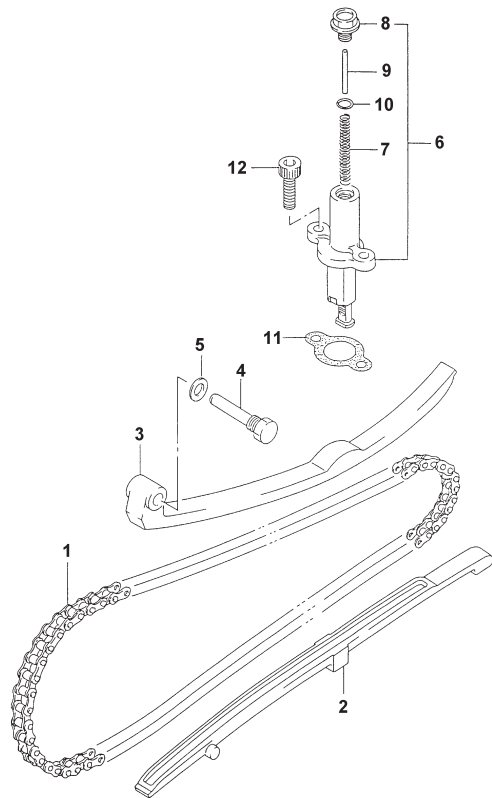


## CAMSHAFT/VALVE ASSEMBLY

0733-749

| Ref. | Part No. | Qty. | Description                  | Ref. | Part No. | Qty. | Description               |
|------|----------|------|------------------------------|------|----------|------|---------------------------|
| 1    | 3402-397 | 1    | Camshaft (250)               | 14   | 3402-296 | 1    | Lever, Decompression      |
|      | 3402-275 | 1    | Camshaft (300)               | 15   | 3402-225 | 1    | Seal, Oil                 |
| 2    | 3402-427 | 1    | Sprocket (250)               | 16   | 3402-242 | 1    | Spring                    |
|      | 3402-326 | 1    | Sprocket (300)               | 17   | 3004-326 | 1    | Nut                       |
| 3    | 3423-047 | 1    | Pin                          | 18   | 3402-289 | 2    | Shaft, Rocker Arm         |
| 4    | 3423-284 | 1    | Washer                       | 19   | 3423-052 | 2    | O-Ring                    |
| 5    | 3423-013 | 2    | Screw                        | 20   | 3423-259 | 2    | Washer                    |
| 6    | 3423-071 | 1    | C-Ring                       | 21   | 3003-290 | 2    | Gasket                    |
| 7    | 3402-288 | 2    | Arm, Valve Rocker (inc. 8-9) | 22   | 0693-416 | 2    | Screw, Cap                |
| 8    | 3423-287 | 2    | • Screw, Cap                 | 23   | 3402-290 | 1    | Valve, Intake             |
| 9    | 3423-288 | 2    | • Nut                        | 24   | 3402-291 | 1    | Valve, Exhaust            |
| 10   | 3402-226 | 2    | Seal, Oil                    | 25   | 3402-401 | 2    | Spring, Valve - Set (250) |
| 11   | 3402-403 | 2    | Seat, Valve Spring (250)     |      | 3402-292 | 2    | Spring, Valve - Set (300) |
|      | 3402-294 | 2    | Seat, Valve Spring (300)     | 26   | 3402-402 | 2    | Retainer, Spring (250)    |
| 12   | 0693-281 | 4    | Cotter, Valve                |      | 3402-293 | 2    | Retainer, Spring (300)    |
| 13   | 3402-295 | 1    | Shaft, Decompression Lever   |      |          |      |                           |

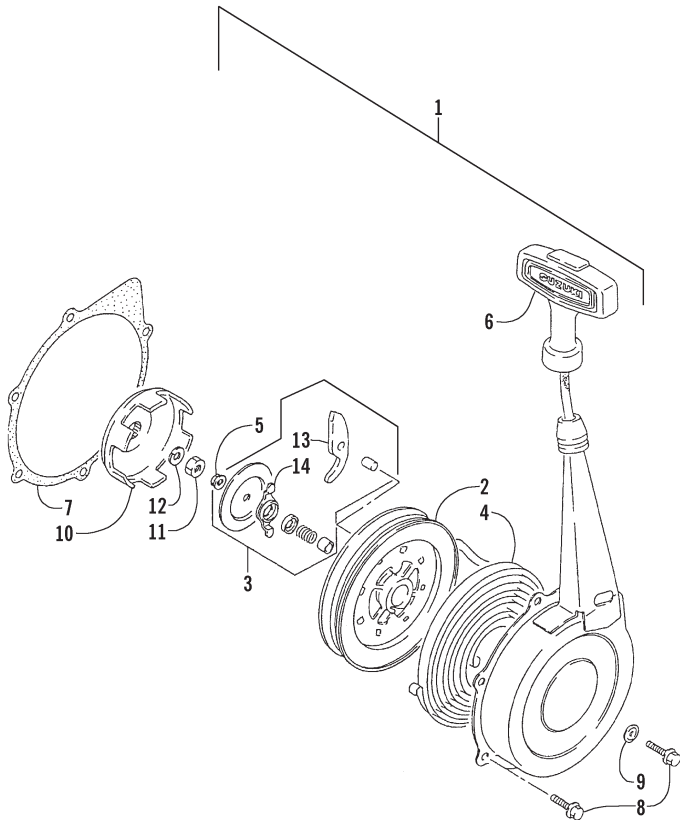
2001 ATV 250/300 cc



CAM CHAIN ASSEMBLY

0733-750

| Ref. | Part No. | Qty. | Description                     | Ref. | Part No. | Qty. | Description                                |
|------|----------|------|---------------------------------|------|----------|------|--------------------------------------------|
| 1    | 3402-398 | 1    | Chain, Camshaft (250)           | 6    | 3402-283 | 1    | Adjuster, Tensioner - Assembly (inc. 7-10) |
|      | 3402-281 | 1    | Chain, Camshaft (300)           | 7    | 3402-284 | 1    | • Spring                                   |
| 2    | 3402-399 | 1    | Guide, Camshaft Chain (250)     | 8    | 3402-285 | 1    | • Plug                                     |
|      | 3402-277 | 1    | Guide, Camshaft Chain (300)     | 9    | 3402-286 | 1    | • Bar                                      |
| 3    | 3402-400 | 1    | Tensioner, Camshaft Chain (250) | 10   | 3423-286 | 1    | • O-Ring                                   |
|      | 3402-282 | 1    | Tensioner, Camshaft Chain (300) | 11   | 3402-287 | 1    | Gasket, Adjuster                           |
| 4    | 3423-074 | 1    | Screw, Cap                      | 12   | 3004-576 | 2    | Screw, Cap                                 |
| 5    | 3003-188 | 1    | Washer                          |      |          |      |                                            |

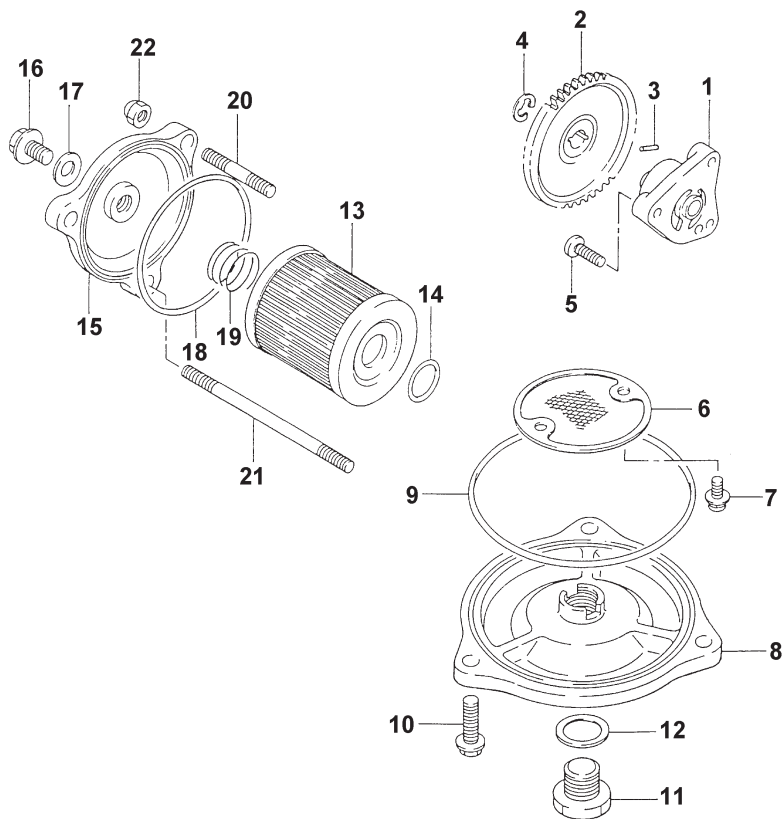


RECOIL STARTER ASSEMBLY

0736-194

| Ref. | Part No. | Qty. | Description                                        | Ref. | Part No. | Qty. | Description    |
|------|----------|------|----------------------------------------------------|------|----------|------|----------------|
| 1    | 3445-018 | 1    | Starter, Recoil - Assembly<br>(inc. 2-6 and 13-14) | 8    | 3423-112 | 6    | Screw, Cap     |
| 2    | 3445-019 | 1    | • Reel                                             | 9    | 3003-290 | 1    | Gasket         |
| 3    | 3445-016 | 1    | • Ratchet - Assembly (inc. 13-14)                  | 10   | 3445-022 | 1    | Cup, Starter   |
| 4    | 3445-007 | 1    | • Spring, Spiral                                   | 11   | 3004-336 | 1    | Nut            |
| 5    | 3004-488 | 1    | • Nut                                              | 12   | 3004-362 | 1    | Washer, Lock   |
| 6    | 3445-020 | 1    | • Rope Assembly                                    | 13   | 3445-005 | 1    | Ratchet        |
| 7    | 3445-021 | 1    | Gasket, Recoil                                     | 14   | 3445-006 | 1    | Guide, Ratchet |

2001 ATV 250/300 cc

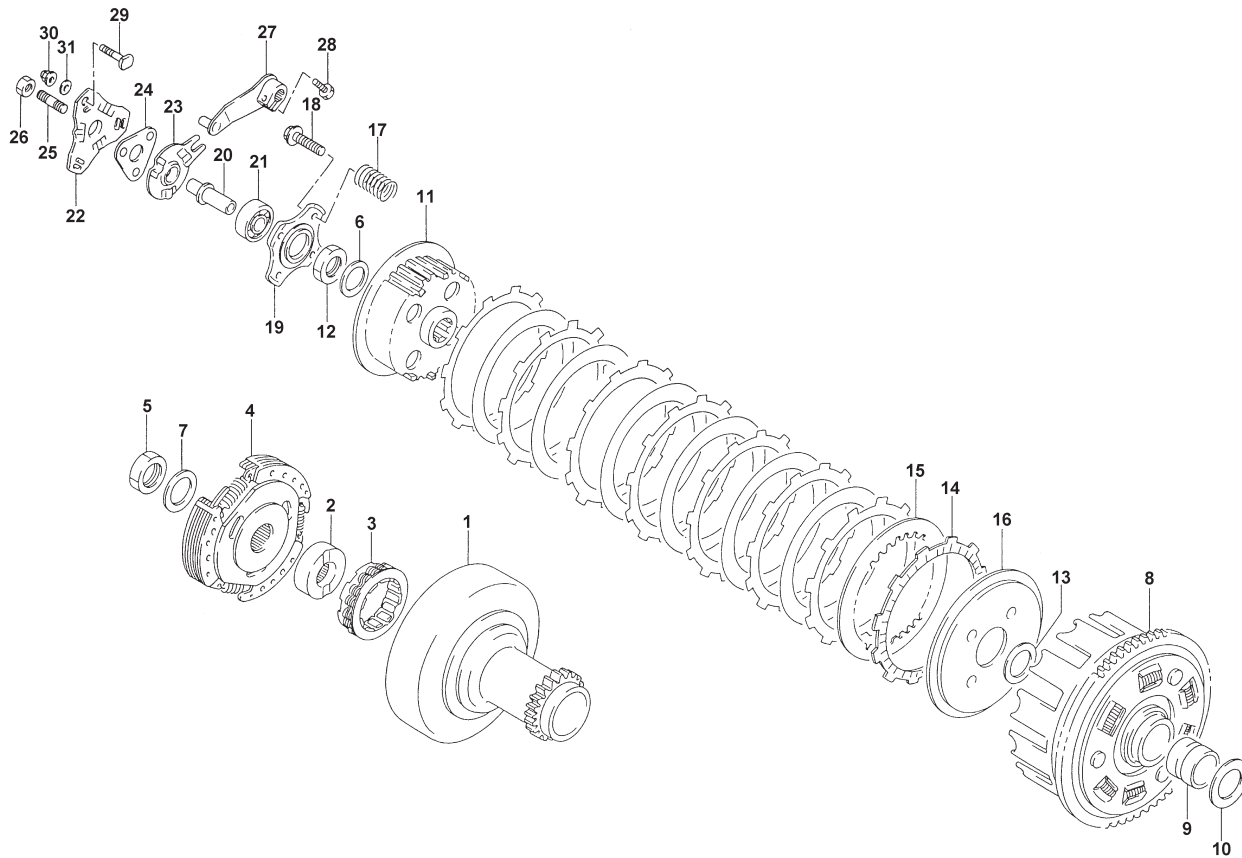


OIL PUMP ASSEMBLY

0733-752

| Ref. | Part No. | Qty. | Description          | Ref. | Part No. | Qty. | Description        |
|------|----------|------|----------------------|------|----------|------|--------------------|
| 1    | 3445-017 | 1    | Pump, Engine Oil     | 12   | 3402-012 | 1    | Gasket             |
| 2    | 3402-302 | 1    | Gear, Driven         | 13   | 3436-005 | 1    | Filter, Engine Oil |
| 3    | 3423-285 | 1    | Pin                  | 14   | 3423-270 | 1    | O-Ring             |
| 4    | 3423-168 | 1    | Circlip              | 15   | 3402-303 | 1    | Cap, Oil Filter    |
| 5    | 3004-402 | 3    | Screw, Cap           | 16   | 3004-705 | 1    | Plug, Oil Check    |
| 6    | 3402-304 | 1    | Strainer, Engine Oil | 17   | 3005-242 | 1    | Gasket             |
| 7    | 0693-389 | 2    | Screw, Cap           | 18   | 3423-277 | 1    | O-Ring             |
| 8    | 3402-305 | 1    | Cap, Oil Strainer    | 19   | 3402-238 | 1    | Spring             |
| 9    | 3423-278 | 1    | O-Ring               | 20   | 3423-314 | 2    | Bolt, Stud         |
| 10   | 3004-507 | 3    | Screw, Cap           | 21   | 3004-543 | 1    | Bolt, Stud         |
| 11   | 3402-037 | 1    | Plug, Drain (250)    | 22   | 3423-315 | 3    | Nut                |
|      | 3402-036 | 1    | Plug, Drain (300)    |      |          |      |                    |

## 2001 ATV 250/300 cc



## CLUTCH ASSEMBLY

0733-753

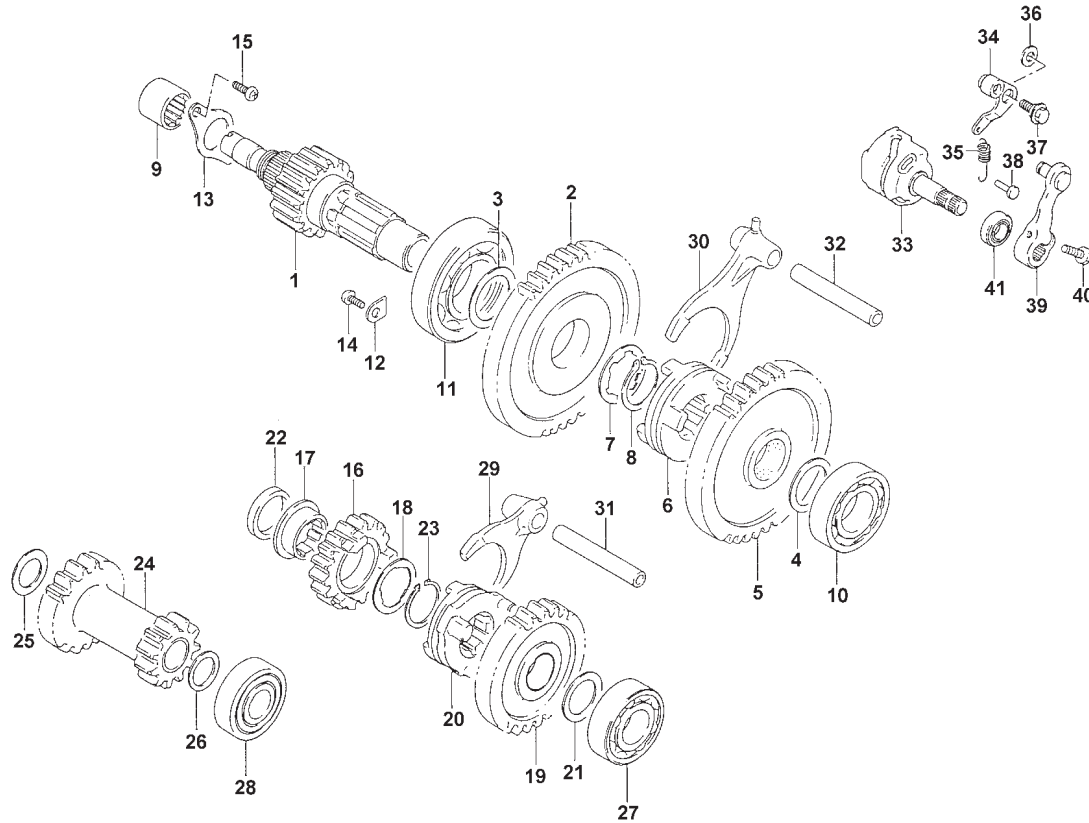
| Ref. | Part No. | Qty. | Description                    | Ref. | Part No. | Qty. | Description                  |
|------|----------|------|--------------------------------|------|----------|------|------------------------------|
| 1    | 3446-253 | 1    | Gear, Primary Drive (250)      | 15   | 3446-125 | 6    | Plate, Driven (250)          |
|      | 3446-120 | 1    | Gear, Primary Drive (300)      |      | 3446-125 | 7    | Plate, Driven (300)          |
| 2    | 3446-129 | 1    | Race, Inner                    | 16   | 3446-256 | 1    | Plate, Clutch Pressure (250) |
| 3    | 3446-122 | 1    | Clutch, One Way                |      | 3446-126 | 1    | Plate, Clutch Pressure (300) |
| 4    | 3446-257 | 1    | Clutch Assembly (250)          | 17   | 3402-239 | 4    | Spring                       |
|      | 3446-128 | 1    | Clutch Assembly (300)          | 18   | 3004-341 | 4    | Screw, Cap                   |
| 5    | 3423-253 | 1    | Nut                            | 19   | 3446-127 | 1    | Plate, Release               |
| 6    | 3423-032 | 1    | Washer, Lock                   | 20   | 3446-130 | 1    | Rod, Push                    |
| 7    | 3423-260 | 1    | Washer, Lock                   | 21   | 3402-043 | 1    | Bearing                      |
| 8    | 3446-254 | 1    | Gear, Primary - Assembly (250) | 22   | 3446-133 | 1    | Guide, Ball - Outer          |
|      | 3446-121 | 1    | Gear, Primary - Assembly (300) | 23   | 3446-131 | 1    | Guide, Ball - Inner          |
| 9    | 3402-206 | 1    | Spacer                         | 24   | 3446-134 | 1    | Ball, Release                |
| 10   | 3402-211 | 1    | Washer                         | 25   | 3423-248 | 1    | Screw, Adjuster              |
| 11   | 3446-255 | 1    | Hub, Clutch (250)              | 26   | 3423-022 | 1    | Nut, Adjuster                |
|      | 3446-123 | 1    | Hub, Clutch (300)              | 27   | 3446-132 | 1    | Arm, Release                 |
| 12   | 3423-254 | 1    | Nut                            | 28   | 3423-125 | 1    | Screw, Cap                   |
| 13   | 3423-316 | 1    | Washer                         | 29   | 3423-245 | 3    | Screw, Cap                   |
| 14   | 3446-124 | 7    | Plate, Drive (250)             | 30   | 0693-316 | 3    | Nut                          |
|      | 3446-124 | 8    | Plate, Drive (300)             | 31   | 3003-290 | 3    | Seal, Cap Screw              |

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor. The central shaft (1) is the core component, with various gears (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32) and bearings (33, 34, 35, 36, 37, 38, 39, 40, 41, 42) mounted along its length. The assembly is supported by a base (43) and includes a motor or actuator (44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56). The diagram shows the relative positions and assembly sequence of the parts, with numbers 1 through 56 indicating each individual component.

## 0733-754

34

# 2001 ATV 250/300 cc

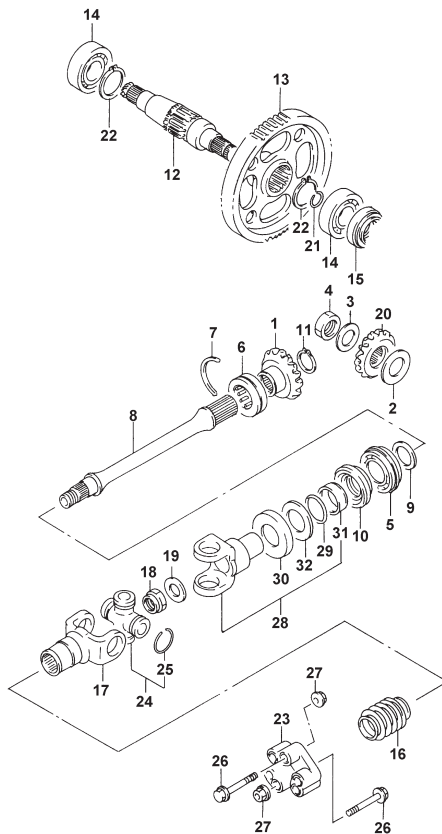


## SECONDARY TRANSMISSION ASSEMBLY

0736-059

| Ref. | Part No. | Qty. | Description                   | Ref. | Part No.        | Qty. | Description                      |
|------|----------|------|-------------------------------|------|-----------------|------|----------------------------------|
| 1    | 3446-179 | 1    | Shaft, Sub-Transmission (2X4) | 21   | 3402-195        | 1    | Washer                           |
|      | 3446-206 | 1    | Shaft, Sub-Transmission (4X4) | 22   | 3402-207        | 1    | Spacer                           |
| 2    | 3446-184 | 1    | Gear, Driven (2X4)            | 23   | 3423-066        | 1    | Circlip                          |
|      | 3446-207 | 1    | Gear, Driven (4X4)            | 24   | 3446-180        | 1    | Gear, Idler                      |
| 3    | 3423-338 | 1    | Washer - Right (4X4)          |      | <u>3446-272</u> | 1    | Gear, Idler (250 4X4)            |
| 4    | 3423-298 | 1    | Washer - Left (4X4)           | 25   | 3402-205        | 1    | Washer                           |
| 5    | 3446-208 | 1    | Gear, Driven (4X4)            | 26   | 3423-319        | 1    | Washer                           |
| 6    | 3446-209 | 1    | Dog, Driven Gear (4X4)        | 27   | 3003-261        | 1    | Bearing, Drive - Left            |
| 7    | 3423-317 | 1    | Washer (4X4)                  | 28   | 3402-217        | 1    | Bearing, Countershaft - Left     |
| 8    | 3423-318 | 1    | Circlip                       | 29   | 3446-185        | 1    | Fork                             |
| 9    | 3402-278 | 1    | Bearing - Right               | 30   | 3446-210        | 1    | Fork (4X4)                       |
| 10   | 3004-209 | 1    | Bearing - Left                | 31   | 3446-168        | 1    | Shaft                            |
| 11   | 3402-180 | 1    | Bearing - Middle (250)        |      | <u>3446-271</u> | 1    | Shaft (250 4X4)                  |
|      | 3402-055 | 1    | Bearing - Middle (300)        | 32   | 3446-230        | 1    | Shaft (4X4)                      |
| 12   | 3446-031 | 2    | Retainer                      | 33   | 3446-186        | 1    | Cam, Sub-Transmission Gear (2X4) |
| 13   | 3446-154 | 1    | Retainer (300)                |      | 3446-211        | 1    | Cam, Sub-Transmission Gear (4X4) |
| 14   | 3004-552 | 2    | Screw                         | 34   | 3446-187        | 1    | Stopper                          |
| 15   | 0693-321 | 2    | Screw (300)                   | 35   | 3402-241        | 1    | Spring                           |
| 16   | 3446-181 | 1    | Gear, Drive                   | 36   | 3423-141        | 1    | Washer                           |
| 17   | 3446-259 | 1    | Bushing (250)                 | 37   | 3423-240        | 1    | Screw, Cap                       |
|      | 3446-069 | 1    | Bushing (300)                 | 38   | 3423-268        | 1    | Pin (4X4)                        |
| 18   | 3423-036 | 1    | Washer                        | 39   | 3446-116        | 1    | Arm                              |
| 19   | 3446-182 | 1    | Gear, Drive                   | 40   | 3423-125        | 1    | Screw, Cap                       |
| 20   | 3446-183 | 1    | Dog, Drive Gear               | 41   | 3402-076        | 1    | Seal, Oil                        |

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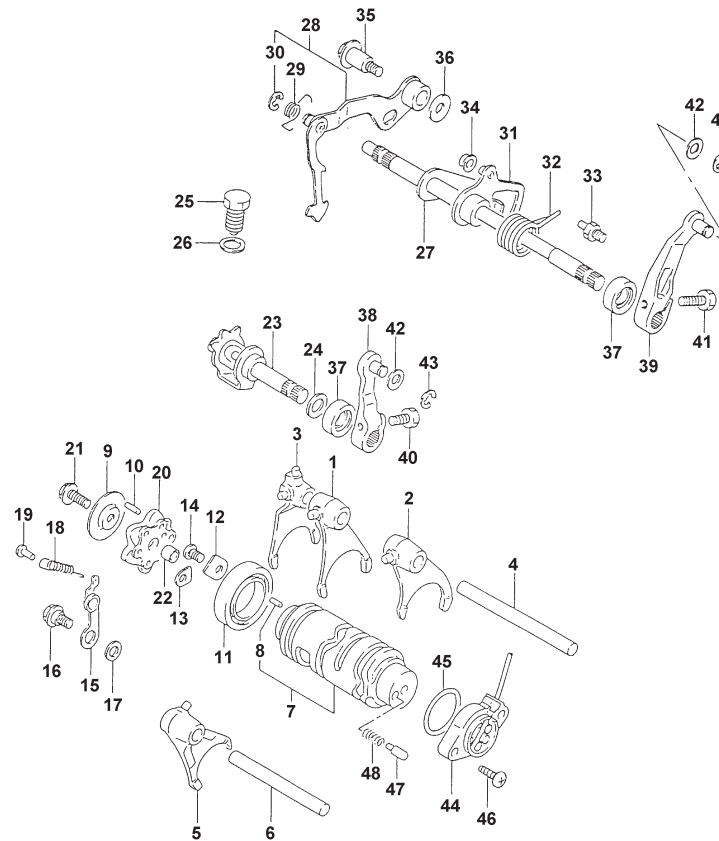


## SECONDARY GEAR/OUTPUT SHAFT ASSEMBLY

0733-756

| Ref. | Part No.        | Qty. | Description                           | Ref. | Part No.        | Qty. | Description                             |
|------|-----------------|------|---------------------------------------|------|-----------------|------|-----------------------------------------|
| 1    | <u>3446-269</u> | 1    | Gear, Secondary Drive Bevel (250 4X4) | 10   | 3402-072        | 1    | Seal, Oil                               |
|      | 3446-197        | 1    | Gear, Secondary Drive Bevel (300 4X4) | 11   | 3423-340        | 1    | Circlip (4X4)                           |
| 2    | 3446-035        | 1    | Shim Set, Secondary Drive Bevel (4X4) | 12   | 3446-176        | 1    | Shaft, Rear Final Driven                |
| 3    | 3423-032        | 1    | Washer (4X4)                          | 13   | 3446-175        | 1    | Gear, Driven                            |
| 4    | 3423-254        | 1    | Nut (4X4)                             | 14   | 3402-219        | 2    | Bearing                                 |
| 5    | 3402-067        | 1    | Bearing, Front (4X4)                  | 15   | 3402-072        | 2    | Seal, Oil                               |
| 6    | 3402-515        | 1    | Bearing, Rear (250 4X4)               | 16   | 3435-005        | 1    | Boot (4X4)                              |
|      | 3402-062        | 1    | Bearing, Rear (300 4X4)               | 17   | 3435-002        | 1    | Yoke, Output Shaft Joint (4X4)          |
| 7    | 3423-072        | 1    | Ring (4X4)                            | 18   | 3423-025        | 1    | Nut (4X4)                               |
| 8    | 3446-199        | 1    | Shaft, Secondary Output (4X4)         | 19   | 3423-028        | 1    | Washer (4X4)                            |
| 9    | 3402-308        | AR   | Shim, 25 x 34 x 0.50 mm (4X4)         | 20   | <u>3446-270</u> | 1    | Gear, Secondary Driven Bevel (250 4X4)  |
|      | 3402-017        | AR   | Shim, 25 x 34 x 0.60 mm (4X4)         |      | 3446-198        | 1    | Gear, Secondary Driven Bevel (300 4X4)  |
|      | 3402-018        | AR   | Shim, 25 x 34 x 0.65 mm (4X4)         | 21   | 3423-281        | 2    | Ring                                    |
|      | 3402-019        | AR   | Shim, 25 x 34 x 0.70 mm (4X4)         | 22   | 3423-321        | 2    | Circlip                                 |
|      | 3402-020        | AR   | Shim, 25 x 34 x 0.75 mm (4X4)         | 23   | 3435-007        | 1    | Coupling (4X4)                          |
|      | 3402-021        | AR   | Shim, 25 x 34 x 0.80 mm (4X4)         | 24   | 3435-011        | 1    | Joint, Universal (inc. 25) (4X4)        |
|      | 3402-022        | AR   | Shim, 25 x 34 x 0.85 mm (4X4)         | 25   | 3423-067        | 4    | • Circlip                               |
|      | 3402-023        | AR   | Shim, 25 x 34 x 0.90 mm (4X4)         | 26   | 3423-182        | 6    | Screw, Cap (4X4)                        |
|      | 3402-024        | AR   | Shim, 25 x 34 x 0.95 mm (4X4)         | 27   | 3004-491        | 6    | Nut (4X4)                               |
|      | 3402-025        | AR   | Shim, 25 x 34 x 1.00 mm (4X4)         | 28   | 3435-001        | 1    | Yoke, Output - Front (inc. 29-32) (4X4) |
|      | 3402-028        | AR   | Shim, 25 x 34 x 1.05 mm (4X4)         | 29   | 3423-060        | 1    | • O-Ring                                |
|      | 3402-029        | AR   | Shim, 25 x 34 x 1.10 mm (4X4)         | 30   | 3423-035        | 1    | • Plate                                 |
|      | 3402-030        | AR   | Shim, 25 x 34 x 1.15 mm (4X4)         | 31   | 3435-029        | 1    | • Collar                                |
|      | 3402-031        | AR   | Shim, 25 x 34 x 1.20 mm (4X4)         | 32   | 3435-030        | 1    | • Plate, Oil Seal                       |

# 2001 ATV 250/300 cc

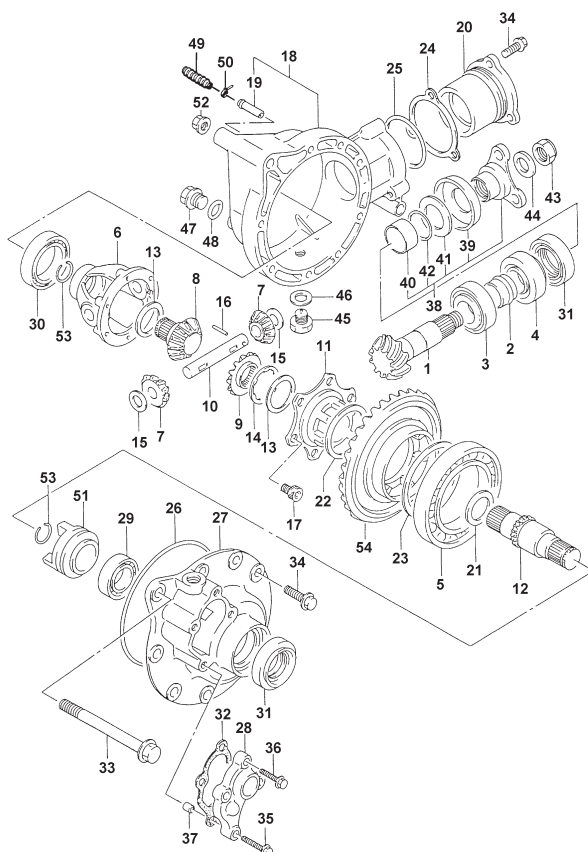


## GEAR SHIFTING ASSEMBLY

0733-757

| Ref. | Part No. | Qty. | Description                 | Ref. | Part No. | Qty. | Description                     |
|------|----------|------|-----------------------------|------|----------|------|---------------------------------|
| 1    | 3446-155 | 1    | Fork, Gear Shifting         | 26   | 3402-012 | 1    | Gasket                          |
| 2    | 3446-156 | 1    | Fork, Gear Shifting         | 27   | 3446-169 | 1    | Shaft, Gear Shifting            |
| 3    | 3446-159 | 1    | Fork, Gear Shifting         | 28   | 3446-170 | 1    | Arm, Gear Shifting (inc. 29-30) |
| 4    | 3446-167 | 1    | Shaft                       | 29   | 3402-312 | 1    | • Spring                        |
| 5    | 3446-157 | 1    | Fork, Gear Shifting         | 30   | 3423-368 | 1    | • E-Ring (250)                  |
| 6    | 3446-051 | 1    | Shaft                       |      | 3423-323 | 1    | • E-Ring (300)                  |
| 7    | 3446-160 | 1    | Cam, Gear Shifting (inc. 8) | 31   | 3446-171 | 1    | Arm, Link                       |
| 8    | 3423-114 | 1    | • Pin                       | 32   | 3402-094 | 1    | Spring                          |
| 9    | 3446-162 | 1    | Retainer, Pin               | 33   | 3446-172 | 1    | Stopper, Arm                    |
| 10   | 3423-045 | 6    | Pin                         | 34   | 3402-132 | 1    | Roller                          |
| 11   | 3402-051 | 1    | Bearing                     | 35   | 3423-233 | 1    | Screw, Cap                      |
| 12   | 3446-163 | 1    | Retainer                    | 36   | 3423-324 | 1    | Washer                          |
| 13   | 3446-031 | 1    | Retainer                    | 37   | 3402-076 | 2    | Seal, Oil                       |
| 14   | 3004-552 | 2    | Screw, Cap                  | 38   | 3446-055 | 1    | Arm                             |
| 15   | 3446-165 | 1    | Stopper, Cam                | 39   | 3446-115 | 1    | Arm, Gear Shifting Cable        |
| 16   | 3423-240 | 1    | Screw, Cap                  | 40   | 3423-125 | 1    | Screw, Cap                      |
| 17   | 3423-141 | 1    | Washer                      | 41   | 3423-228 | 1    | Screw, Cap                      |
| 18   | 3402-240 | 1    | Spring                      | 42   | 3423-204 | 2    | Washer                          |
| 19   | 3423-268 | 1    | Pin                         | 43   | 3423-168 | 2    | E-Ring                          |
| 20   | 3446-166 | 1    | Plate, Stopper              | 44   | 3430-032 | 1    | Base, Gear Shift - Assembly     |
| 21   | 3004-376 | 1    | Screw, Cap                  | 45   | 3423-273 | 1    | O-Ring                          |
| 22   | 3005-206 | 1    | Pin                         | 46   | 3423-325 | 2    | Screw, Cap                      |
| 23   | 3446-161 | 1    | Cam, Reverse Shifting       | 47   | 3423-044 | 1    | Contact                         |
| 24   | 3423-322 | 1    | Washer                      | 48   | 3402-087 | 1    | Spring                          |
| 25   | 3446-164 | 1    | Stopper, Cam                |      |          |      |                                 |

# 2001 ATV 250/300 cc



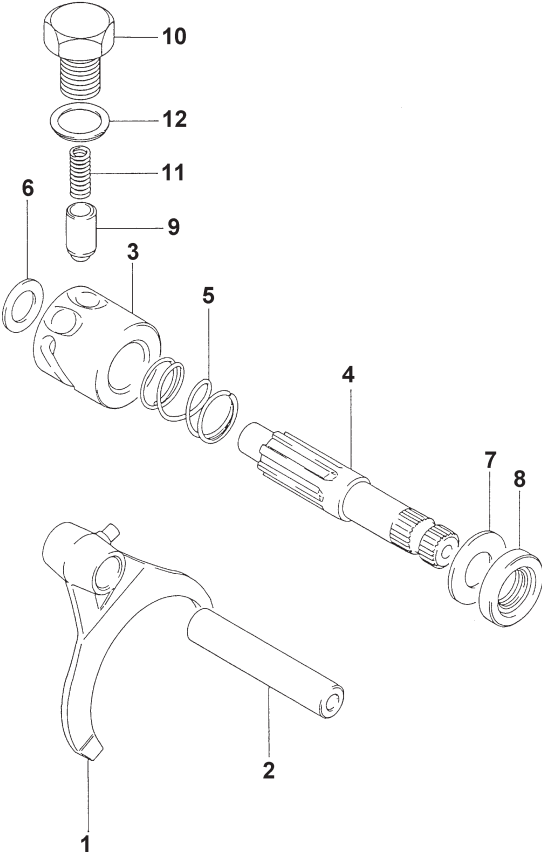
## DIFFERENTIAL GEAR ASSEMBLY (4X4)

(Complete Assembly p/n 3502-001)

0733-758 \*Not in Assembly

| Ref. | Part No. | Qty. | Description                          | Ref. | Part No. | Qty. | Description                           |
|------|----------|------|--------------------------------------|------|----------|------|---------------------------------------|
| 1    | 3435-068 | 1    | Gear, Front Drive Bevel              | 27   | 3435-078 | 1    | Case, Driven Gear Bearing             |
| 2    | 3402-016 | 1    | Spacer                               | 28   | 3435-079 | 1    | Cover                                 |
| 3    | 3402-065 | 1    | Bearing, Front                       | 29   | 3402-185 | 1    | Bearing, Left                         |
| 4    | 3402-066 | 1    | Bearing, Rear                        | 30   | 3402-057 | 1    | Bearing, Right                        |
| 5    | 3402-059 | 1    | Bearing                              | 31   | 3402-072 | 3    | Seal, Oil                             |
| 6    | 3435-076 | 1    | Case, Differential                   | 32   | 3402-323 | 1    | Gasket, Case Cover                    |
| 7    | 3435-071 | 2    | Pinion, Differential Side            | 33   | 3423-010 | 2    | Screw, Cap                            |
| 8    | 3435-072 | 1    | Gear, Right                          | 34   | 3423-175 | 11   | Screw, Cap                            |
| 9    | 3435-080 | 1    | Gear, Left                           | 35   | 0693-327 | 2    | Screw, Cap                            |
| 10   | 3435-073 | 1    | Shaft, Pinion                        | 36   | 3004-756 | 2    | Screw, Cap                            |
| 11   | 3435-070 | 1    | Hub                                  | 37   | 3005-206 | 2    | Pin, Dowel                            |
| 12   | 3435-074 | 1    | Shaft, Driven Output                 | 38   | 3435-089 | 1    | Flange, Drive Bevel Gear (inc. 39-42) |
| 13   | 3423-294 | AR   | Washer                               | 39   | 3423-034 | 1    | • Plate                               |
|      | 3423-295 | AR   | Washer                               | 40   | 3435-029 | 1    | • Collar                              |
|      | 3423-296 | AR   | Washer                               | 41   | 3435-030 | 1    | • Plate, Oil Seal                     |
| 14   | 3423-297 | 1    | Washer                               | 42   | 3423-060 | 1    | • O-Ring                              |
| 15   | 3423-293 | 2    | Washer                               | 43   | 3423-178 | 1    | Nut                                   |
| 16   | 3402-309 | 1    | Pin, Pinion Shaft                    | 44   | 3423-028 | 1    | Washer                                |
| 17   | 3423-309 | 6    | Screw, Cap                           | 45   | 3402-036 | 1    | Plug, Drain                           |
| 18   | 3435-077 | 1    | Housing, Differential Gear (inc. 19) | 46   | 3402-012 | 1    | Gasket                                |
| 19   | 3402-084 | 1    | • Union, Breather                    | 47   | 3402-038 | 1    | Plug, Filler                          |
| 20   | 3435-021 | 1    | Housing, Drive Bevel Gear            | 48   | 3423-054 | 1    | O-Ring                                |
| 21   | 3423-317 | 1    | Washer                               | 49   | 0402-147 | 1    | Bladder, Housing*                     |
| 22   | 3435-017 | 1    | Shim Set, Front Drive Bevel Gear     | 50   | 0123-811 | 1    | Cable Tie - 4 in.*                    |
| 23   | 3435-020 | 1    | Shim Set, Drive Gear Bearing         | 51   | 3435-075 | 1    | Dog                                   |
| 24   | 3435-022 | 1    | Shim Set, Front Drive Bevel Housing  | 52   | 8428-002 | 2    | Nut, Flange                           |
| 25   | 3423-064 | 1    | O-Ring                               | 53   | 3423-070 | 2    | Circlip                               |
| 26   | 3423-050 | 1    | O-Ring                               | 54   | 3435-069 | 1    | Gear, Front Driven Bevel              |

## 2001 ATV 250/300 cc

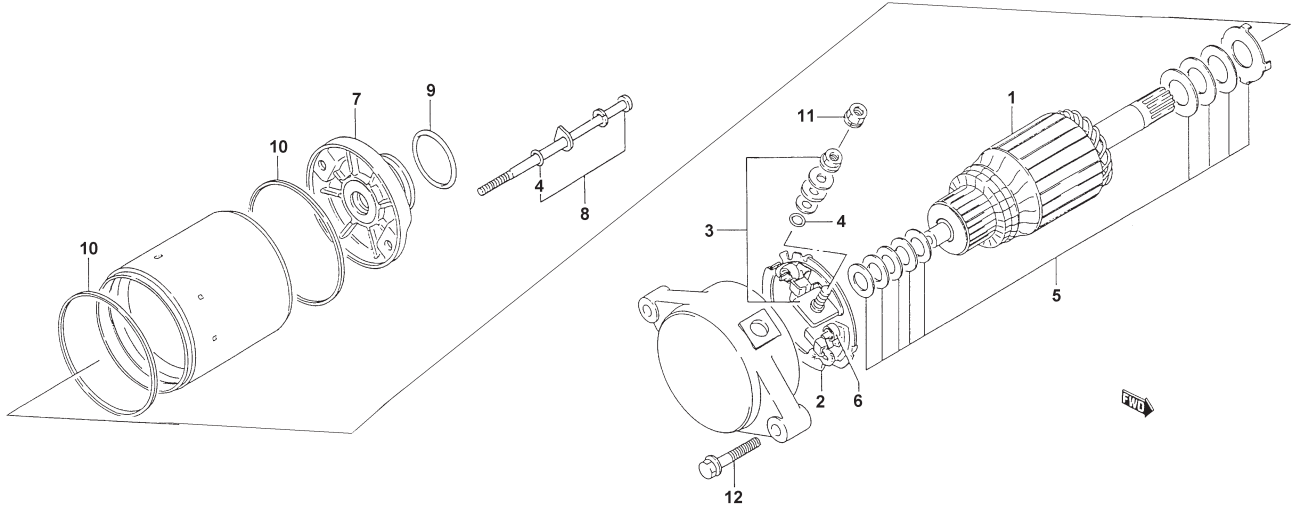


## DIFFERENTIAL LOCK ASSEMBLY (4X4)

0733-759

| Ref. | Part No. | Qty. | Description                | Ref. | Part No. | Qty. | Description        |
|------|----------|------|----------------------------|------|----------|------|--------------------|
| 1    | 3446-205 | 1    | Fork, Differential Locking | 7    | 3423-339 | 1    | Washer, Left       |
| 2    | 3446-202 | 1    | Shaft, Fork                | 8    | 3402-076 | 1    | Seal, Oil          |
| 3    | 3446-203 | 1    | Cam, Differential Locking  | 9    | 3446-119 | 1    | Stopper, Shift Cam |
| 4    | 3446-204 | 1    | Shaft, Cam                 | 10   | 3446-046 | 1    | Plug, Oil          |
| 5    | 3402-311 | 1    | Spring                     | 11   | 3402-089 | 1    | Spring             |
| 6    | 3423-300 | 1    | Washer, Right              | 12   | 3402-012 | 1    | Gasket             |

## 2001 ATV 250/300 cc



## STARTER MOTOR ASSEMBLY

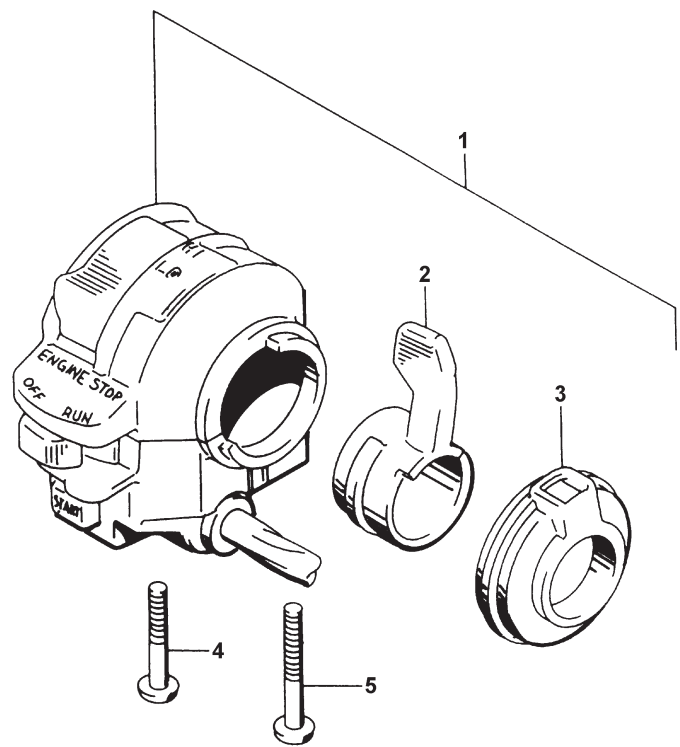
(Complete Assembly p/n 3545-003)

0733-760

| Ref. | Part No. | Qty. | Description                  | Ref. | Part No. | Qty. | Description               |
|------|----------|------|------------------------------|------|----------|------|---------------------------|
| 1    | 3008-554 | 1    | Armature                     | 7    | 3008-552 | 1    | Bracket, Front - Assembly |
| 2    | 3008-550 | 1    | Holder Set, Brush            | 8    | 3423-289 | 2    | Bolt Set (inc. 4)         |
| 3    | 3008-549 | 1    | Terminal Set, Brush (inc. 4) | 9    | 3423-272 | 1    | O-Ring                    |
| 4    | 3008-164 | 3    | • O-Ring                     | 10   | 3008-553 | 2    | O-Ring                    |
| 5    | 3008-099 | 1    | Washer Set                   | 11   | 3423-195 | 1    | Nut                       |
| 6    | 3008-551 | 2    | Spring, Brush                | 12   | 3004-756 | 2    | Screw, Cap                |



| Ref. | Part No. | Qty. | Description          | Ref. | Part No. | Qty. | Description            |
|------|----------|------|----------------------|------|----------|------|------------------------|
| 1    | 3430-021 | 1    | Stator - Assembly    | 5    | 3423-086 | 1    | Nut, Magneto           |
| 2    | 3430-039 | 1    | Rotor/Flywheel (250) | 6    | 3004-540 | 1    | Key                    |
|      | 3430-022 | 1    | Rotor/Flywheel (300) | 7    | 3430-023 | 1    | Plate                  |
| 3    | 3004-756 | 3    | Bolt, Magneto        | 8    | 3423-112 | 1    | Screw, Cap             |
| 4    | 3423-326 | 2    | Screw, Cap           | 9    | 3430-036 | 1    | Sheet, Heat Protection |



CONTROL SWITCH HOUSING ASSEMBLY

0732-323

| Ref. | Part No. | Qty. | Description                                     | Ref. | Part No. | Qty. | Description          |
|------|----------|------|-------------------------------------------------|------|----------|------|----------------------|
| 1    | 3409-002 | 1    | Switch, Handlebar Control - Assembly (inc. 2-5) | 3    | 3409-010 | 1    | • Cover, Choke Lever |
| 2    | 3409-009 | 1    | • Lever, Choke                                  | 4    | 3423-196 | 1    | • Screw, Cap         |
|      |          |      |                                                 | 5    | 3423-197 | 1    | • Screw, Cap         |



## Related Items

### 2001 ATV 250/300 cc

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| 250 2X4 Red (Model No. A2001ATE2AUSR) | 250 2X4 Green (Model No. A2001ATE2AUSG) |
| 250 4X4 Red (Model No. A2001ATE4AUSR) | 250 4X4 Green (Model No. A2001ATE4AUSG) |
| 300 2X4 Red (Model No. A2001ATF2AUSR) | 300 2X4 Green (Model No. A2001ATF2AUSG) |
| 300 4X4 Red (Model No. A2001ATF4AUSR) | 300 4X4 Green (Model No. A2001ATF4AUSG) |

|          |                                     |          |                                                       |
|----------|-------------------------------------|----------|-------------------------------------------------------|
| 0436-143 | Bag, Rack, Front, Black             | 0436-228 | Snowplow Blade, 50 in. -<br>Straight (use w/0436-229) |
| 0436-142 | Bag, Rack, Rear, Black              | 0436-287 | Snowplow Blade, 50 in. -<br>One-Way (use w/0436-229)  |
| 0436-185 | Bag, Tank, Black                    | 0436-229 | Snowplow Mount                                        |
| 0436-139 | Cargo Trailer - Deluxe              | 0436-233 | Snowplow Remote Angle Adjust                          |
| 0436-010 | Cover, Black and Green              | 0436-230 | Snowplow, Hand Lift Lever Kit                         |
| 0436-125 | Cover, Gray Universal               | 0436-026 | Tire Chains, Size B                                   |
| 0436-304 | CV Joint Protectors, Deluxe (Front) | 0402-155 | Tire, Titan AT471<br>(25x10-12, Deep Lug)             |
| 0436-087 | Electrical Plug                     | 0402-319 | Tire, Titan AT489A (25x10-12)                         |
| 0436-199 | Gun Scabbard w/Mount                | 0402-317 | Tire, Titan AT489A (24x9-12)                          |
| 0436-049 | Handwarmers                         | 0402-316 | Tire, Titan AT489A (23x8-12)                          |
| 0436-103 | Hourmeter                           | 0402-563 | Tire, Titan AT589<br>(25x10-12, Mud & Snow)           |
| 2256-383 | Illustrated Parts Manual            | 0436-297 | Tool Holder - Double (Pair)                           |
| 0436-122 | Lunch Pack, Black                   | 0436-263 | Tool Holder - Single (Pair)                           |
| 0436-154 | Mirror                              | 0436-068 | Winch Accessories Kit                                 |
| 0436-093 | Mud Flap Kit, Front                 | 0436-145 | Winch Kit, 2000 lb                                    |
| 2256-333 | Operator's Manual                   | 0436-224 | Winch Kit, 2500 lb                                    |
| 0652-024 | Paint, Metal - Black                | 0436-117 | Winch Mounting Kit                                    |
| 0436-177 | Prefilter, Air Filter               | 0436-210 | Windshield, Clear                                     |
| 0436-225 | Rack Extension, 4 in.               | 0436-301 | Windshield, Clear w/Accent                            |
| 0436-226 | Rack Extension, 8 in.               | 0436-302 | Windshield, Smoke w/Accent                            |
| 0436-201 | Rack Pouch, STD Rack, Black         |          |                                                       |
| 0436-014 | Safety Flag                         |          |                                                       |
| 0436-168 | Shock Covers, Front & Rear          |          |                                                       |

