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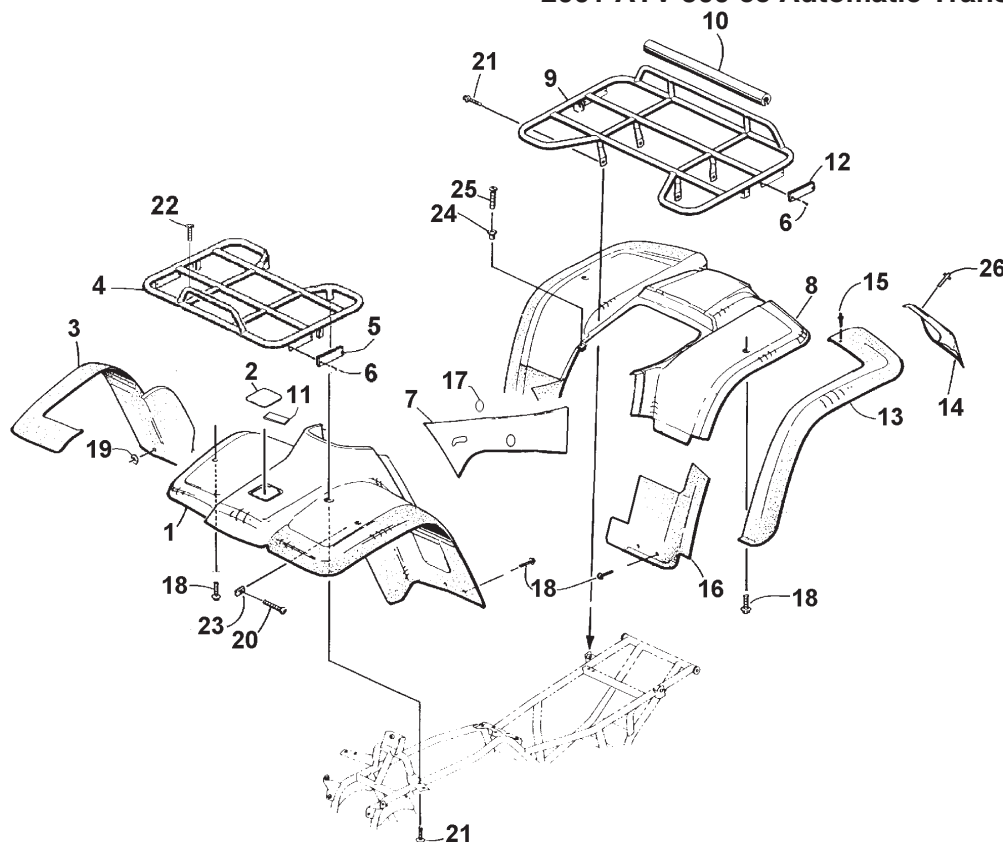
## 2001 ATV 500 cc Automatic Transmission

(Model No. A2001ATM4BUSR - Red) (Model No. A2001ATM4BUSG - Green)

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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.

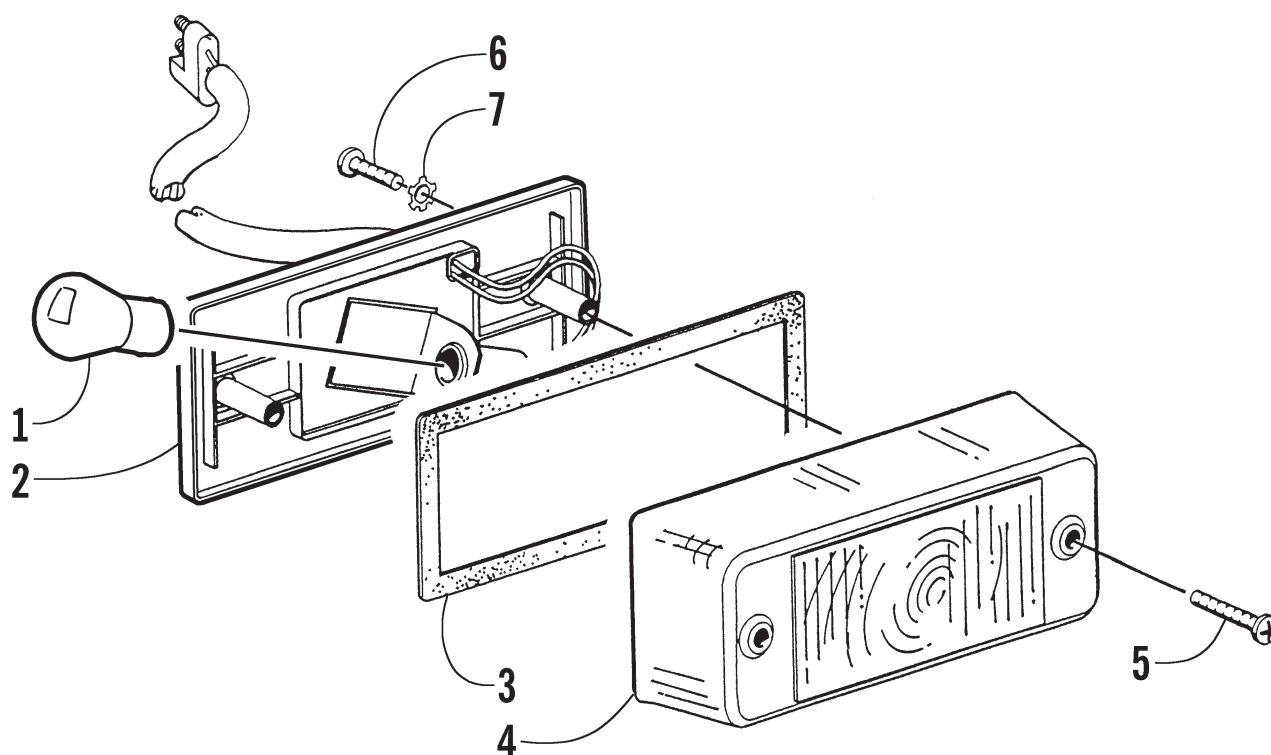
## 2001 ATV 500 cc Automatic Transmission



## BODY PANEL ASSEMBLY

0735-973

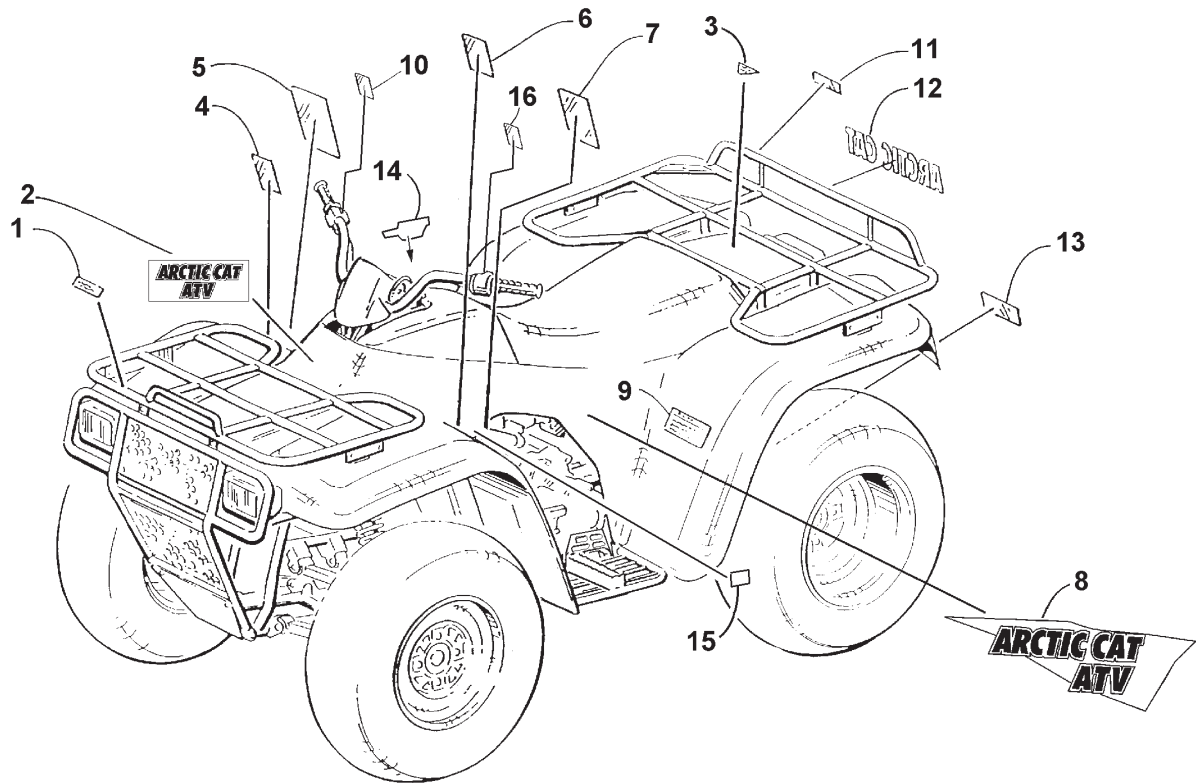
| Ref. | Part No.        | Qty. | Description                   | Ref. | Part No.        | Qty. | Description                       |
|------|-----------------|------|-------------------------------|------|-----------------|------|-----------------------------------|
| 1    | <u>0506-406</u> | 1    | Panel, Fender - Front (Red)   | 12   | 0606-029        | 2    | Reflector, Rear - Red             |
|      | <u>0506-405</u> | 1    | Panel, Fender - Front (Green) | 13   | 0406-082        | 1    | Flare, Rear - Right               |
| 2    | 0506-153        | 1    | Cover, Access (Red)           |      | 0406-083        | 1    | Flare, Rear - Left                |
|      | 0506-145        | 1    | Cover, Access (Green)         | 14   | 0406-558        | 1    | Mud Flap - Right                  |
| 3    | 0506-342        | 1    | Flare, Front - Right          |      | 0406-559        | 1    | Mud Flap - Left                   |
|      | 0506-343        | 1    | Flare, Front - Left           | 15   | 0423-046        | AR   | Rivet, Plastic                    |
| 4    | <u>0506-407</u> | 1    | Rack - Front                  | 16   | 0506-336        | 1    | Fender Extension - Rear - Right   |
| 5    | 0606-526        | 2    | Reflector, Front - Yellow     |      | 0506-337        | 1    | Fender Extension - Rear - Left    |
| 6    | 0623-269        | 8    | Clip, Retaining               | 17   | 0470-404        | 1    | Grommet, Fuel Shut-Off Valve Knob |
| 7    | 0506-370        | 1    | Panel, Side - Right (Red)     | 18   | 0423-101        | AR   | Screw, Body                       |
|      | 0506-243        | 1    | Panel, Side - Left (Red)      | 19   | 8424-602        | 1    | Nut, Flange                       |
|      | 0506-372        | 1    | Panel, Side - Right (Green)   | 20   | 8477-616        | 2    | Screw, Machine                    |
|      | 0506-165        | 1    | Panel, Side - Left (Green)    | 21   | 8409-020        | 6    | Screw, Cap                        |
| 8    | 0506-258        | 1    | Panel, Fender - Rear (Red)    | 22   | <u>8477-612</u> | 2    | Screw, Machine                    |
|      | 0506-302        | 1    | Panel, Fender - Rear (Green)  | 23   | 0423-031        | 2    | Nut, Speed                        |
| 9    | <u>0506-482</u> | 1    | Rack - Rear                   | 24   | 0123-010        | 2    | Nut, Expansion                    |
| 10   | 0406-293        | 1    | Wrap, Tube - Rear Rack        | 25   | 0423-068        | 2    | Screw, Machine                    |
| 11   | 0417-002        | 1    | Foam, Access Panel            | 26   | 0423-168        | 8    | Rivet                             |



(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             |      |          |      |                               |

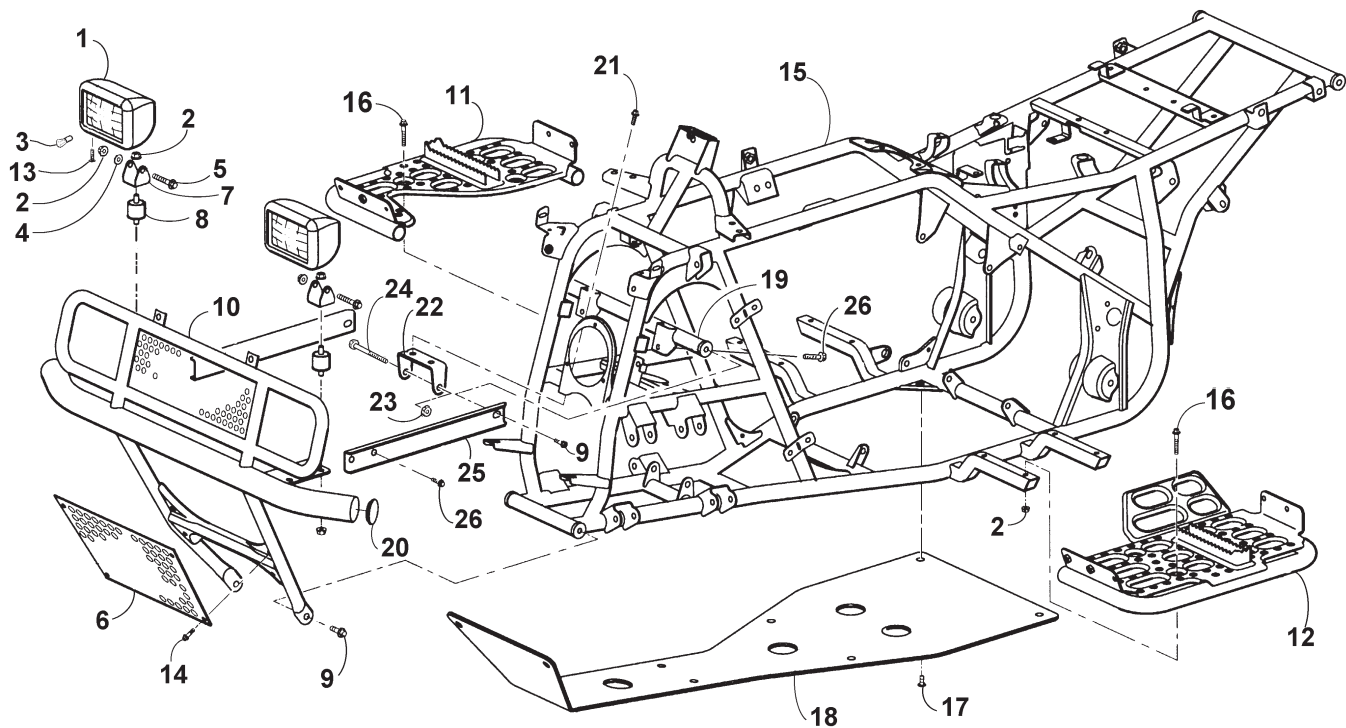


## DECALS

0735-964

| Ref. | Part No.        | Qty. | Description                      | Ref. | Part No.        | Qty. | Description                        |
|------|-----------------|------|----------------------------------|------|-----------------|------|------------------------------------|
| 1    | 0411-006        | 1    | Decal, Warning - Front Rack Load |      | <u>0411-320</u> | 1    | Decal, "500" - Right Side (Green)  |
| 2    | <u>0411-303</u> | 1    | Decal, Front (Red)               |      | <u>0411-321</u> | 1    | Decal, "500" - Left Side (Green)   |
|      | <u>0411-302</u> | 1    | Decal, Front (Green)             | 9    | 0411-228        | 1    | Decal, Warning - Tire Pressure     |
| 3    | 3611-002        | 1    | Decal, "Made In U.S.A."          | 10   | <u>0411-324</u> | 1    | Decal, Instruction - Start in Gear |
| 4    | 0411-045        | 1    | Decal, Warning - Turn            | 11   | 0411-007        | 1    | Decal, Warning - Rear Rack Load    |
| 5    | 0411-008        | 1    | Decal, Warning Reverse/Pre-Ride  | 12   | 0411-043        | 1    | Decal, "Arctic Cat"                |
| 6    | 0411-040        | 1    | Decal, Warning - Age             | 13   | 0411-267        | 1    | Decal, Warning - Towing            |
| 7    | 0411-218        | 1    | Decal, Warning - General         | 14   | 0411-291        | 1    | Decal, "Duramatic"                 |
| 8    | <u>0411-322</u> | 1    | Decal, "500" - Right Side (Red)  | 15   | 0411-011        | 1    | Decal, Caution - Electrical        |
|      | <u>0411-323</u> | 1    | Decal, "500" - Left Side (Red)   |      |                 |      |                                    |

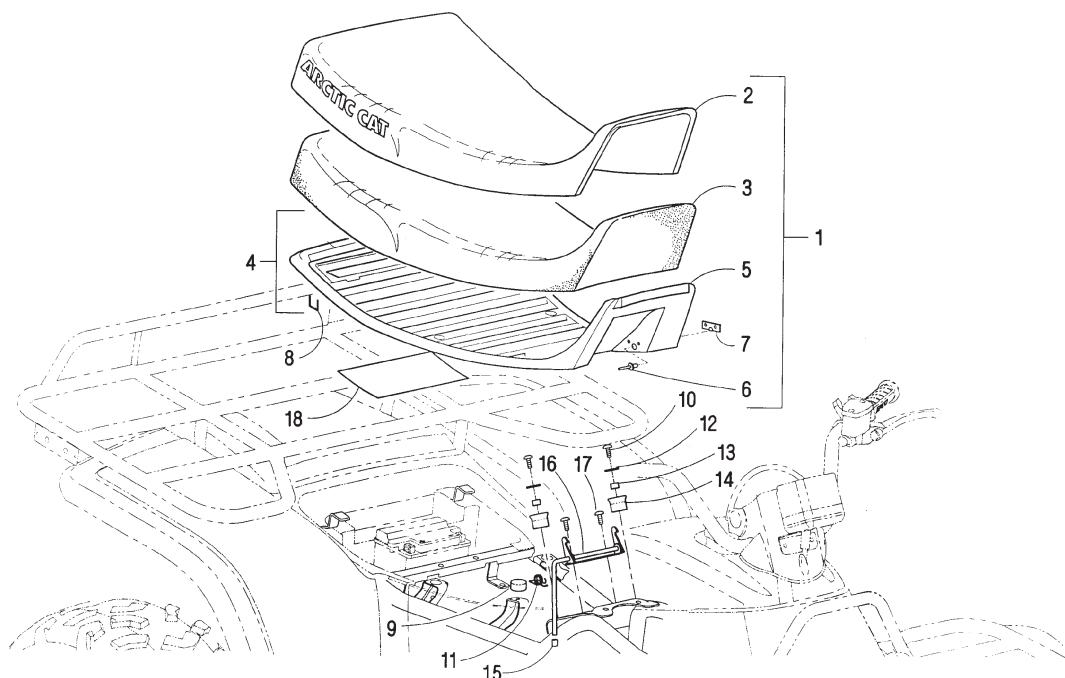
## 2001 ATV 500 cc Automatic Transmission



## FRAME AND RELATED PARTS

0735-963

| Ref. | Part No. | Qty. | Description                        | Ref. | Part No.        | Qty. | Description              |
|------|----------|------|------------------------------------|------|-----------------|------|--------------------------|
| 1    | 0409-001 | 2    | Headlight Assembly (inc. 3 and 13) | 14   | 8408-816        | 4    | Screw, Cap               |
| 2    | 8424-802 | 9    | Nut, Flange                        | 15   | <u>0506-476</u> | 1    | Frame, Main              |
| 3    | 0409-005 | 2    | Bulb, Headlight                    | 16   | 0423-162        | 7    | Screw, Cap               |
| 4    | 8053-242 | 2    | Washer, Lock - External Tooth      | 17   | 0423-101        | 8    | Screw, Body              |
| 5    | 8408-850 | 2    | Screw, Cap                         | 18   | 0406-516        | 1    | Panel, Belly             |
| 6    | 0406-175 | 1    | Screen, Bumper - Lower             | 19   | 0506-079        | 1    | Tube, Cross - Bumper     |
| 7    | 0406-261 | 2    | Yoke, Headlight                    | 20   | 0406-130        | 2    | Cap, Bumper              |
| 8    | 0406-262 | 2    | Mount, Headlight                   | 21   | 8408-820        | 2    | Screw, Cap               |
| 9    | 8409-020 | 4    | Screw, Cap                         | 22   | 0506-149        | 1    | Bracket, Differential    |
| 10   | 0506-294 | 1    | Guard, Brush                       | 23   | 8428-002        | 2    | Nut, Lock                |
| 11   | 0506-338 | 1    | Footrest - Right                   | 24   | 3423-010        | 2    | Screw, Cap               |
| 12   | 0506-339 | 1    | Footrest - Left                    | 25   | 0506-297        | 2    | Channel, Bumper Mounting |
| 13   | 0123-950 | 2    | Screw, Self-Tapping                | 26   | 8408-812        | 6    | Screw, Cap               |

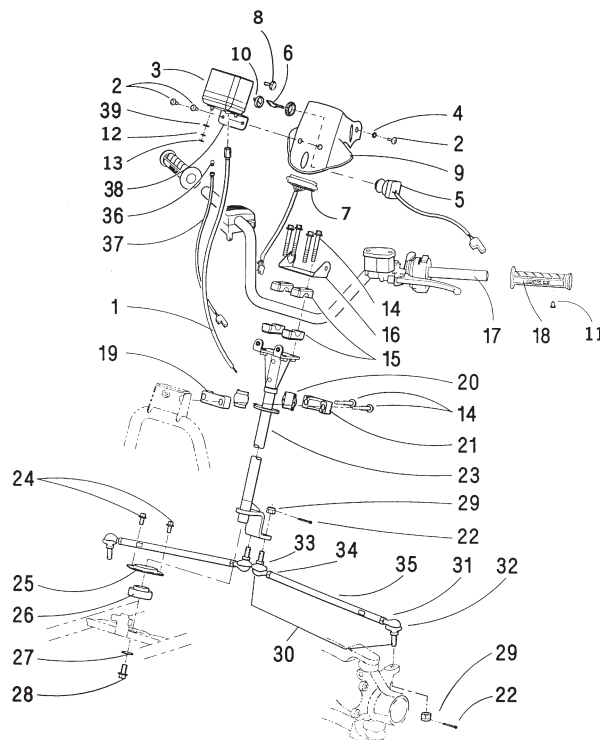


## SEAT ASSEMBLY

0734-516 \*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   | 0406-490 | 1    | Latch, Seat - Assembly    |
| 8    | 0624-100 | AR   | ● Staple                         | 17   | 8477-616 | 2    | Screw, Machine            |
| 9    | 0406-309 | 2    | Grommet, Seat - Center           | 18   | 0411-182 | 1    | Decal, Cold Start         |

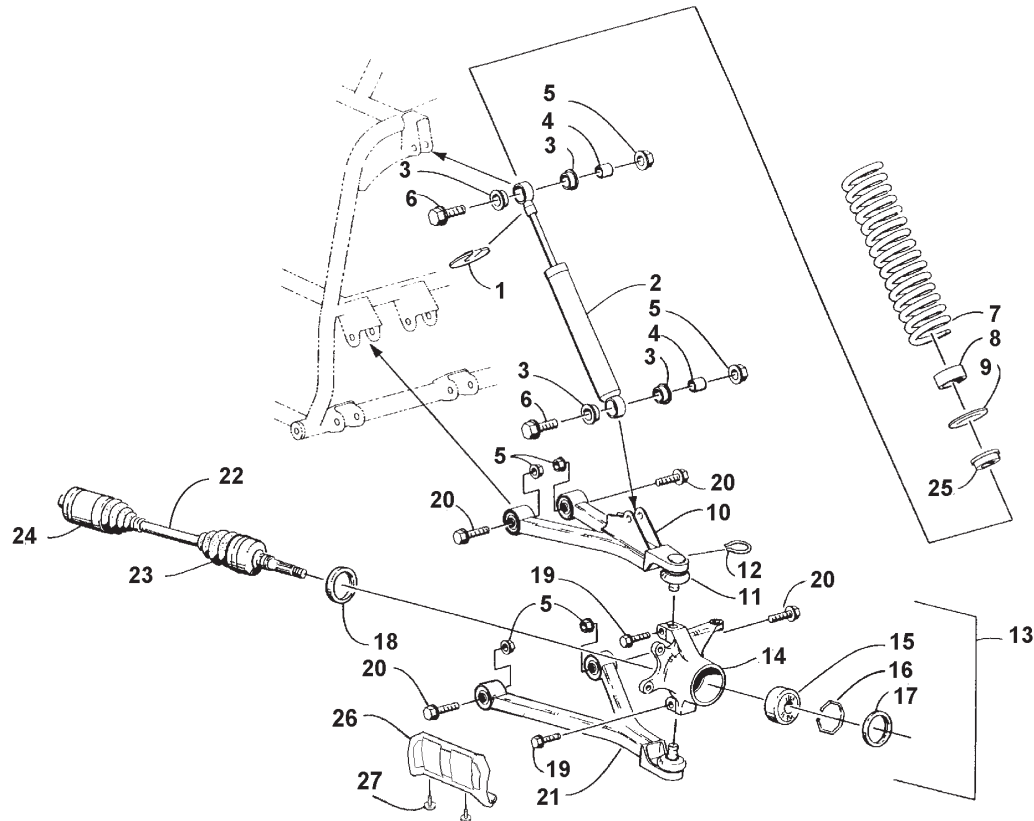
## 2001 ATV 500 cc Automatic Transmission



## STEERING ASSEMBLY

0735-399

| Ref. | Part No. | Qty. | Description                            | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|----------------------------------------|------|----------|------|-------------------------------|
| 1    | 0487-005 | 1    | Cable, Speedometer                     | 19   | 0605-171 | 1    | Housing, Bearing - Lower      |
| 2    | 8477-616 | 3    | Screw, Machine                         | 20   | 0405-020 | 2    | Bearing, Steering Post        |
| 3    | 0420-031 | 1    | Speedometer (inc. 8, 12-13, and 36-41) | 21   | 0605-147 | 1    | Housing, Bearing - Upper      |
| 4    | 0423-052 | 1    | Collar, Body                           | 22   | 0423-151 | 4    | Clip, Hairpin                 |
| 5    | 3430-040 | 1    | Switch, Ignition - Assembly (inc. 6)   | 23   | 0505-073 | 1    | Post, Steering                |
| 6    | 3409-007 | 1    | • Key, Ignition - Blank (C Series)     | 24   | 8408-816 | 2    | Screw, Cap                    |
|      | 3409-011 | 1    | • Key, Ignition - Blank (D Series)     | 25   | 0602-233 | 1    | Flange, Bearing               |
|      | 3409-012 | 1    | • Key, Ignition - Blank (E Series)     | 26   | 0405-052 | 1    | Bearing w/Inverted Oil Seal   |
|      | 3409-013 | 1    | • Key, Ignition - Blank (F Series)     | 27   | 0423-073 | 1    | Washer                        |
| 7    | 0420-029 | 1    | Panel, Instrument                      | 28   | 8409-020 | 1    | Screw, Cap                    |
| 8    | 0420-027 | 1    | Knob, Speedometer Trip                 | 29   | 0423-157 | 4    | Nut, Top Lock                 |
| 9    | 0405-063 | 1    | Instrument Pod                         | 30   | 0505-072 | 2    | Tie Rod Assembly (inc. 31-35) |
| 10   | 0409-013 | 1    | Cover, Key                             | 31   | 8420-002 | 2    | • Nut - Right                 |
| 11   | 8060-428 | 2    | Rivet                                  | 32   | 0405-082 | 2    | • Ball Joint, Tie Rod - Right |
| 12   | 0420-017 | 2    | Washer                                 | 33   | 0405-083 | 2    | • Ball Joint, Tie Rod - Left  |
| 13   | 0420-015 | 2    | Pin, Retainer                          | 34   | 0423-013 | 2    | • Nut - Left                  |
| 14   | 8408-860 | 6    | Screw, Cap                             | 35   | 0405-032 | 2    | • Tie Rod                     |
| 15   | 0405-035 | 4    | Cap, Steering Adjuster                 | 36   | 0420-019 | 1    | Bulb, Speedometer             |
| 16   | 0506-348 | 1    | Bracket, Ignition Switch               | 37   | 0420-014 | 1    | Harness, Speedometer          |
| 17   | 0505-028 | 1    | Tube, Handlebar                        | 38   | 0420-018 | 1    | Bracket, Speedometer          |
| 18   | 0405-039 | 2    | Grip, Handlebar                        | 39   | 0420-016 | 2    | Mount, Rubber                 |

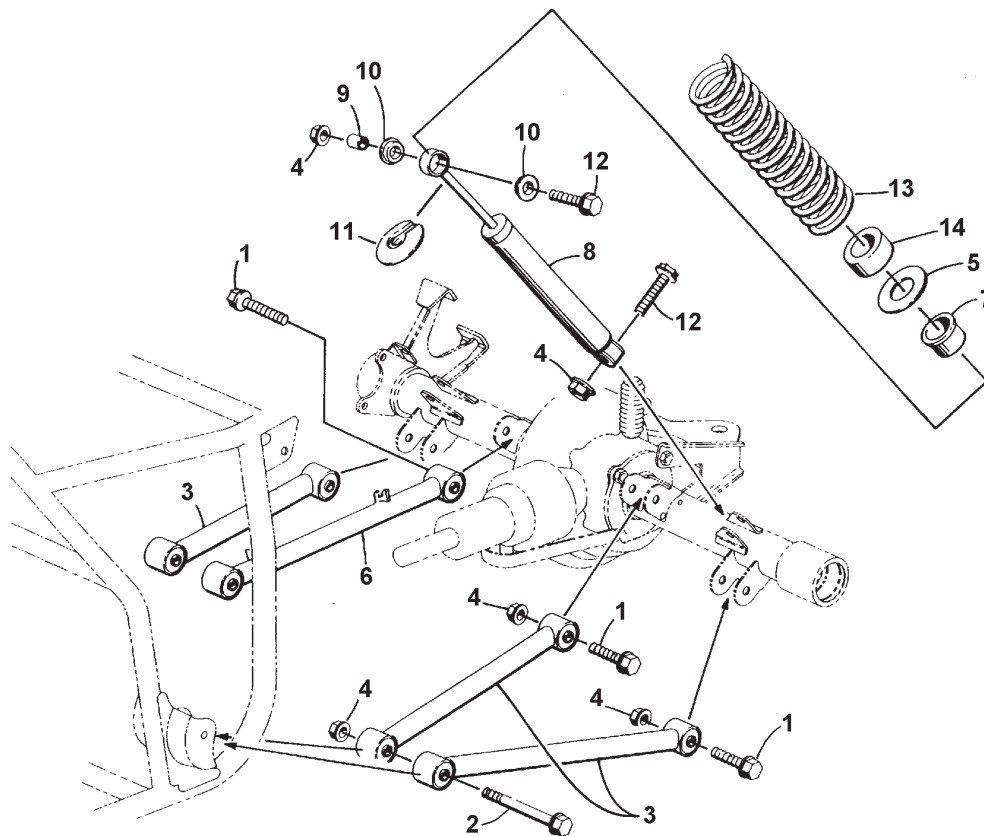


## FRONT SUSPENSION ASSEMBLY

0735-962

| 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    | 0403-001 | 2    | Shock Absorber - Front (inc. 3-4)          | 16   | 0423-034 | 2    | • Clip, Bearing                     |
| 3    | 0604-310 | 8    | • Bushing, Shock Absorber                  | 17   | 0402-089 | 2    | • Seal, Wheel Bearing - Front       |
| 4    | 0403-028 | 4    | • Sleeve, Shock                            | 18   | 0402-069 | 2    | • Seal, Wheel Bearing - Front       |
| 5    | 8428-002 | 12   | Nut, Lock                                  | 19   | 8409-030 | 4    | Screw, Cap                          |
| 6    | 8409-040 | 4    | Screw, Cap                                 | 20   | 8409-060 | 8    | Screw, Cap                          |
| 7    | 0403-002 | 2    | Spring, Shock Absorber                     | 21   | 0503-092 | 1    | A-Arm, Lower Right (inc. 11-12)     |
| 8    | 0403-025 | 2    | Collar, Spring                             |      | 0503-093 | 1    | A-Arm, Lower Left (inc. 11-12)      |
| 9    | 0403-013 | 2    | Washer, Spring                             | 22   | 0402-179 | 1    | Axle, Drive - Front - Right         |
| 10   | 0503-026 | 1    | A-Arm, Upper Right - Assembly (inc. 11-12) |      | 0402-249 | 1    | Axle, Drive - Front - Left          |
|      | 0503-027 | 1    | A-Arm, Upper Left - Assembly (inc. 11-12)  | 23   | 0436-114 | 2    | Repair Kit, Outer Boot - Front Axle |
| 11   | 0405-068 | 4    | • Ball Joint - Front                       | 24   | 0436-113 | 2    | Repair Kit, Inner Boot - Front Axle |
| 12   | 0423-009 | 4    | • Clip, Ball Joint                         | 25   | 0403-027 | 2    | Retainer, Spring - Lower            |
| 13   | 0505-026 | 1    | Knuckle - Assembly - Right (inc. 14-18)    | 26   | 0406-656 | 2    | Guard, Boot - Axle                  |
|      | 0505-027 | 1    | Knuckle - Assembly - Left (inc. 14-18)     | 27   | 0423-101 | 4    | Screw, Body                         |
| 14   | 0505-062 | 1    | • Knuckle, Steering - Right                |      |          |      |                                     |
|      | 0505-063 | 1    | • Knuckle, Steering - Left                 |      |          |      |                                     |

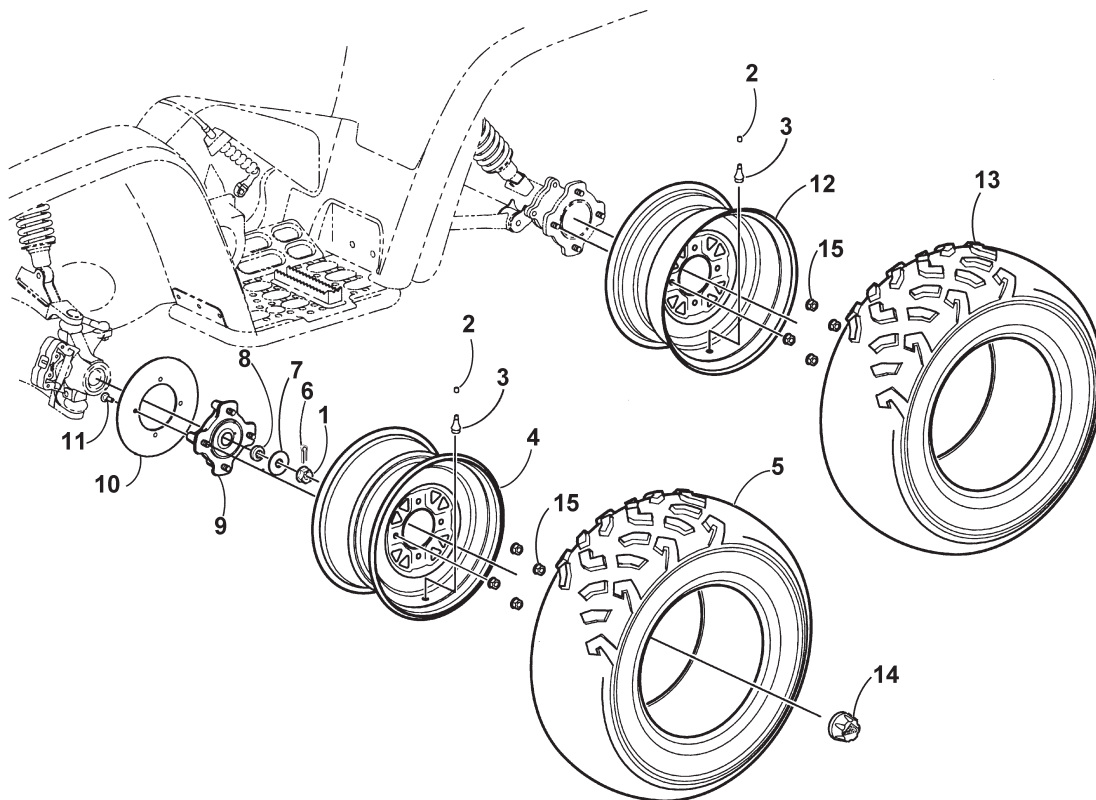
## 2001 ATV 500 cc Automatic Transmission



## REAR SUSPENSION ASSEMBLY

0735-914

| Ref. | Part No. | Qty. | Description               | Ref. | Part No. | Qty. | Description                       |
|------|----------|------|---------------------------|------|----------|------|-----------------------------------|
| 1    | 8409-060 | 4    | Screw, Cap                | 8    | 0404-001 | 2    | Shock Absorber - Rear (inc. 9-10) |
| 2    | 8409-000 | 2    | Screw, Cap                | 9    | 0403-028 | 4    | • Sleeve, Shock                   |
| 3    | 0504-001 | 3    | Arm, Swing                | 10   | 0604-310 | 8    | • Bushing, Shock Absorber         |
| 4    | 8428-002 | 8    | Nut, Lock                 | 11   | 0603-033 | 2    | Retainer, Spring                  |
| 5    | 0403-013 | 2    | Washer, Spring Adjustment | 12   | 8409-040 | 4    | Screw, Cap                        |
| 6    | 0504-040 | 1    | Arm, Swing                | 13   | 0404-006 | 2    | Spring, Shock Absorber            |
| 7    | 0403-027 | 2    | Retainer, Spring - Lower  | 14   | 0403-025 | 2    | Collar, Spring                    |

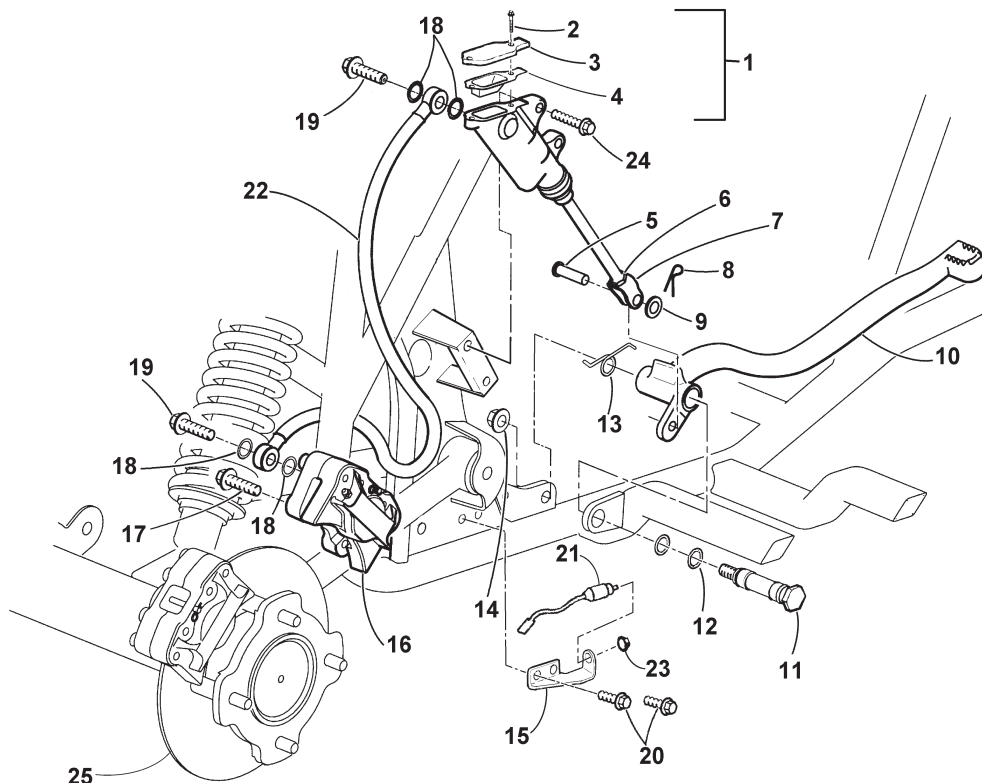


## WHEEL AND TIRE ASSEMBLY

0735-522

| Ref. | Part No. | Qty. | Description     | Ref. | Part No. | Qty. | Description           |
|------|----------|------|-----------------|------|----------|------|-----------------------|
| 1    | 3423-213 | 2    | Nut, Hex        | 9    | 0502-163 | 2    | Hub, Wheel - Front    |
| 2    | 0402-140 | 4    | Cap, Valve Stem | 10   | 0402-482 | 2    | Disc, Brake           |
| 3    | 0402-064 | 4    | Stem, Valve     | 11   | 0423-029 | 8    | Screw, Machine        |
| 4    | 0402-657 | 2    | Wheel - Front   | 12   | 0402-753 | 2    | Wheel - Rear          |
| 5    | 0402-319 | 2    | Tire - Front    | 13   | 0402-319 | 2    | Tire - Rear           |
| 6    | 0123-458 | 2    | Pin, Cotter     | 14   | 0403-035 | 2    | Cap, Wheel - Center   |
| 7    | 0423-080 | 2    | Washer          | 15   | 0423-120 | 16   | Nut, Mounting - Wheel |
| 8    | 0402-181 | 2    | Seal, Hub       |      |          |      |                       |

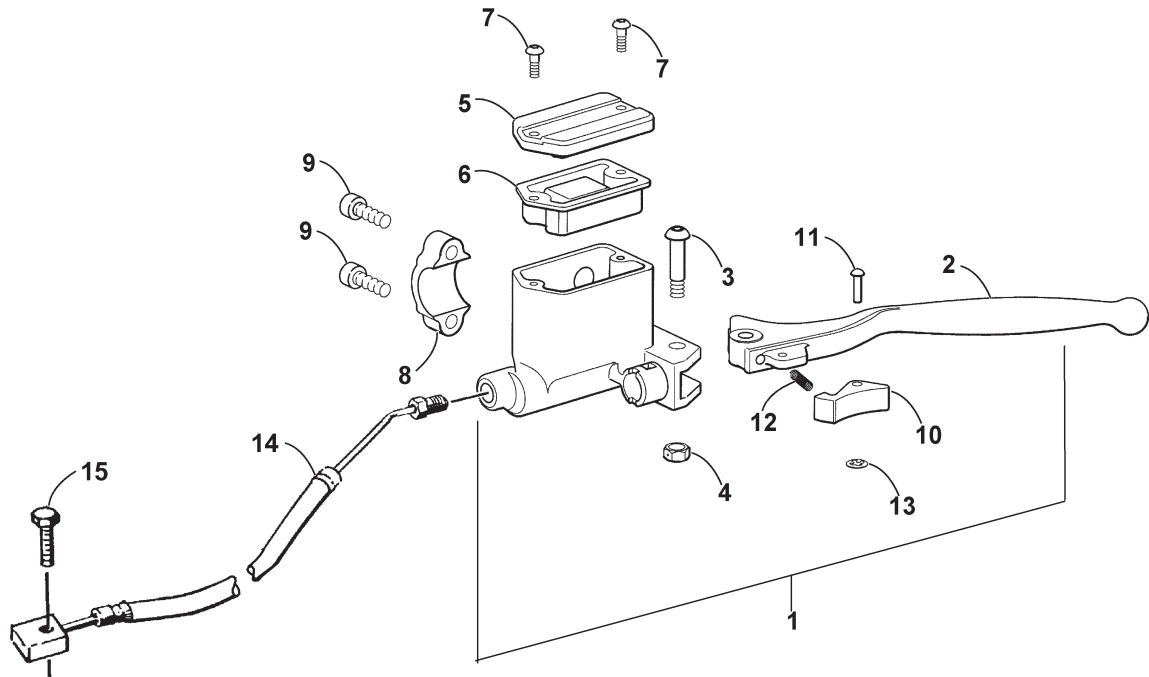
## 2001 ATV 500 cc Automatic Transmission



## HYDRAULIC FOOT BRAKE ASSEMBLY

0735-961

| Ref. | Part No.        | Qty. | Description                         | Ref. | Part No.        | Qty. | Description            |
|------|-----------------|------|-------------------------------------|------|-----------------|------|------------------------|
| 1    | 0502-130        | 1    | Master Cylinder Assembly (inc. 2-9) | 14   | 8422-002        | 1    | Nut                    |
| 2    | 0402-545        | 2    | • Screw, Machine                    | 15   | <u>0406-763</u> | 1    | Bracket, Brake Switch  |
| 3    | 0402-588        | 1    | • Cover, Reservoir                  | 16   | 0402-488        | 1    | Caliper, Brake         |
| 4    | 0402-591        | 1    | • Bladder, Reservoir                | 17   | 8408-825        | 2    | Screw, Cap             |
| 5    | 0402-575        | 1    | • Pin, Clevis                       | 18   | 0423-039        | 4    | Washer, Crush          |
| 6    | 0402-592        | 2    | • Nut                               | 19   | 0423-038        | 2    | Bolt, Oil              |
| 7    | 0402-580        | 1    | • Push-Rod, Actuator                | 20   | 8476-616        | 2    | Screw, Machine         |
| 8    | 0402-584        | 1    | • Clip, Hairpin                     | 21   | 0409-009        | 1    | Switch, Brake          |
| 9    | 0402-583        | 1    | • Washer                            | 22   | 0402-512        | 1    | Hose, Brake            |
| 10   | <u>0502-203</u> | 1    | Lever, Foot Brake                   | 23   | 0402-168        | 1    | Retainer, Brake Switch |
| 11   | <u>0402-788</u> | 1    | Axle, Foot Brake                    | 24   | 8408-830        | 2    | Screw, Cap             |
| 12   | 0423-096        | 2    | O-Ring                              | 25   | 0402-482        | 1    | Disc, Brake            |
| 13   | 0402-516        | 1    | Spring, Foot Brake                  |      |                 |      |                        |

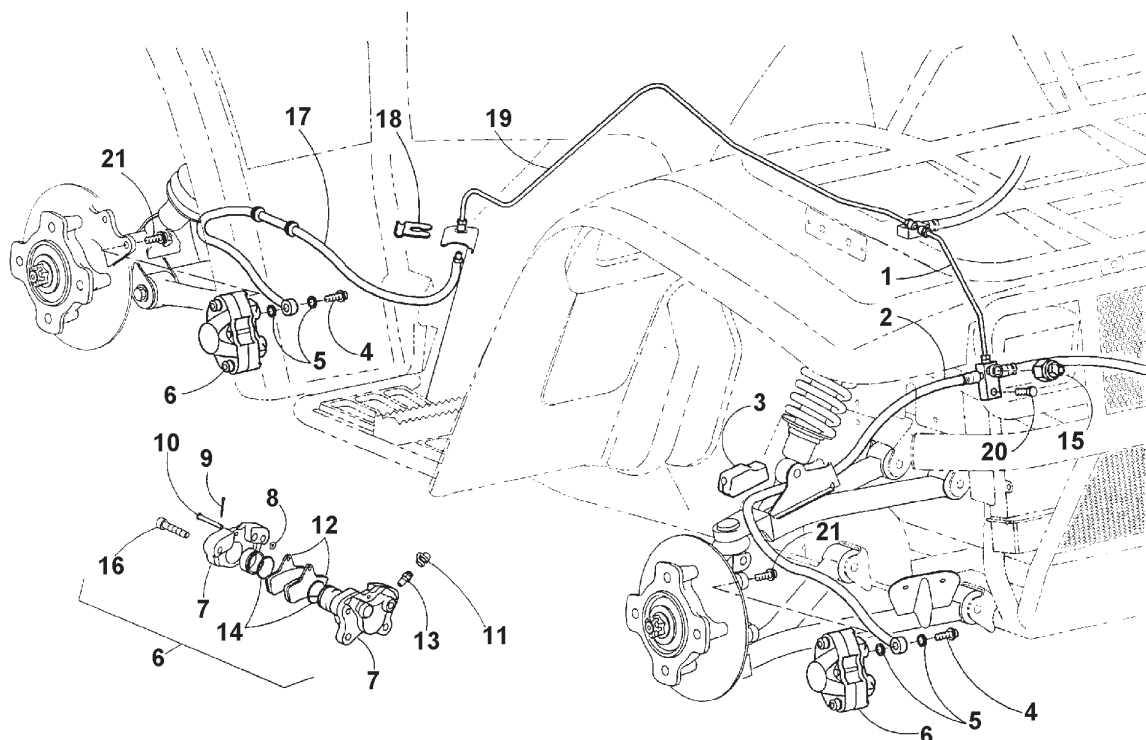


## HYDRAULIC HAND BRAKE ASSEMBLY

0735-650

| Ref. | Part No.        | Qty. | Description                             | Ref. | Part No. | Qty. | Description                |
|------|-----------------|------|-----------------------------------------|------|----------|------|----------------------------|
| 1    | <u>0502-231</u> | 1    | Cylinder, Master - Assembly (inc. 2-13) | 8    | 0402-558 | 1    | • Clamp, Master Cylinder   |
| 2    | <u>0402-818</u> | 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             |

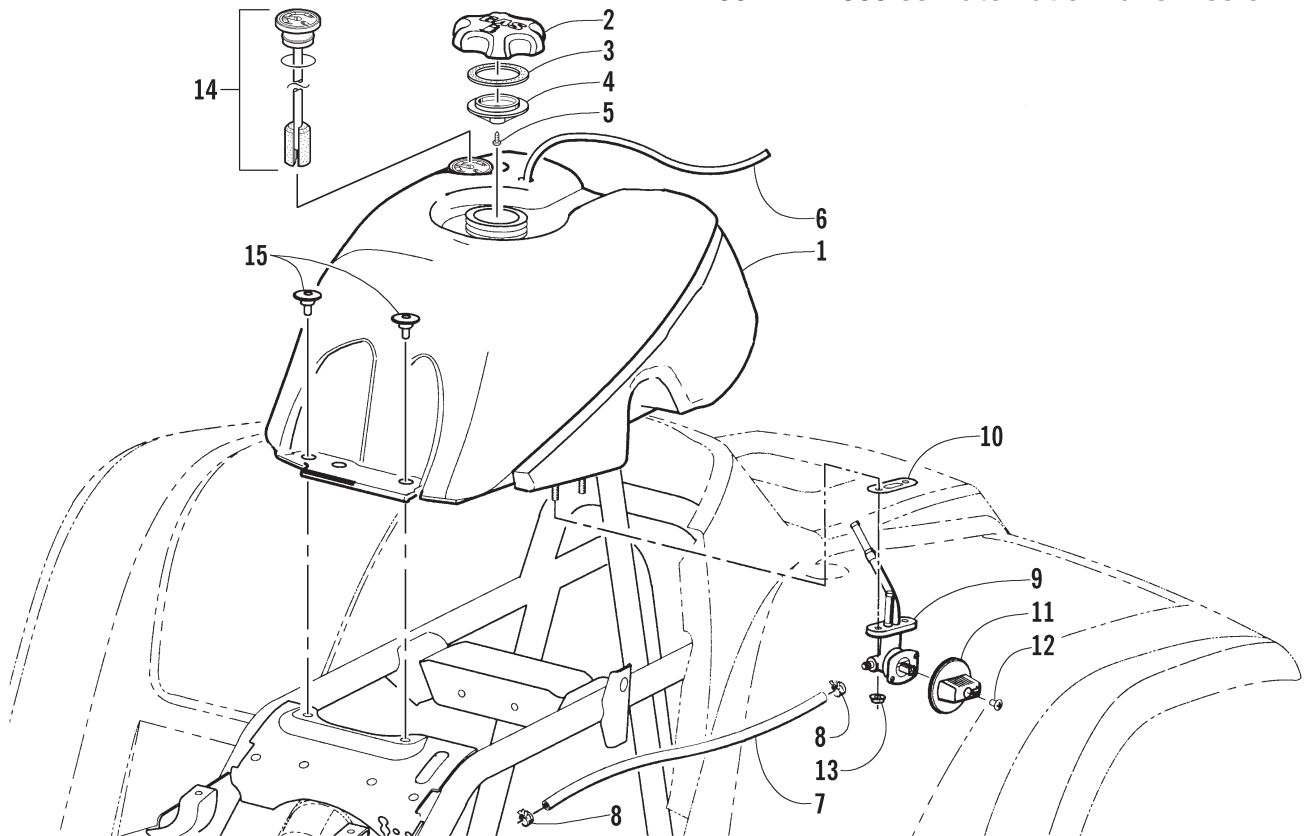
## 2001 ATV 500 cc Automatic Transmission



## HYDRAULIC BRAKE ASSEMBLY

0735-672 \*Not a Service Part

| Ref. | Part No. | Qty. | Description                                             | Ref. | Part No.        | Qty. | Description             |
|------|----------|------|---------------------------------------------------------|------|-----------------|------|-------------------------|
| 1    | 0402-373 | 1    | Tube, Brakeline - Front                                 | 10   | 0402-495        | 3    | • Pin, Brake Caliper    |
| 2    | 0402-307 | 1    | Hose, Brake - Front                                     | 11   | 0402-493        | 3    | • Cap, Bleeder Valve    |
| 3    | 0402-073 | 2    | Block, Mounting                                         | 12   | 0402-494        | 6    | • Pad, Brake            |
| 4    | 0423-038 | 3    | Bolt, Oil                                               | 13   | 0402-491        | 3    | • Valve, Bleeder        |
| 5    | 0423-039 | 6    | Washer, Crush                                           | 14   | 0402-487        | 6    | • O-Ring, Brake Caliper |
| 6    | 0402-488 | 1    | Caliper, Brake - Right Front (inc. 7-14 and 16)         | 15   | 0402-306        | 1    | Switch, Brake Pressure  |
|      | 0402-489 | 2    | Caliper, Brake - Left Front and Rear (inc. 7-14 and 16) | 16   | 0402-492        | 12   | Screw, Cap              |
| 7    | *        | 6    | • Housing, Caliper                                      | 17   | 0402-184        | 1    | Hose, Brake - Rear      |
| 8    | 0402-490 | 3    | • O-Ring                                                | 18   | <u>0402-597</u> | 1    | Clip, Brakeline         |
| 9    | 0402-496 | 3    | • Pin, Cotter                                           | 19   | 0402-593        | 1    | Tube, Brakeline - Rear  |
|      |          |      |                                                         | 20   | 8476-625        | 1    | Screw, Cap              |
|      |          |      |                                                         | 21   | 8408-825        | 6    | Screw, Cap              |

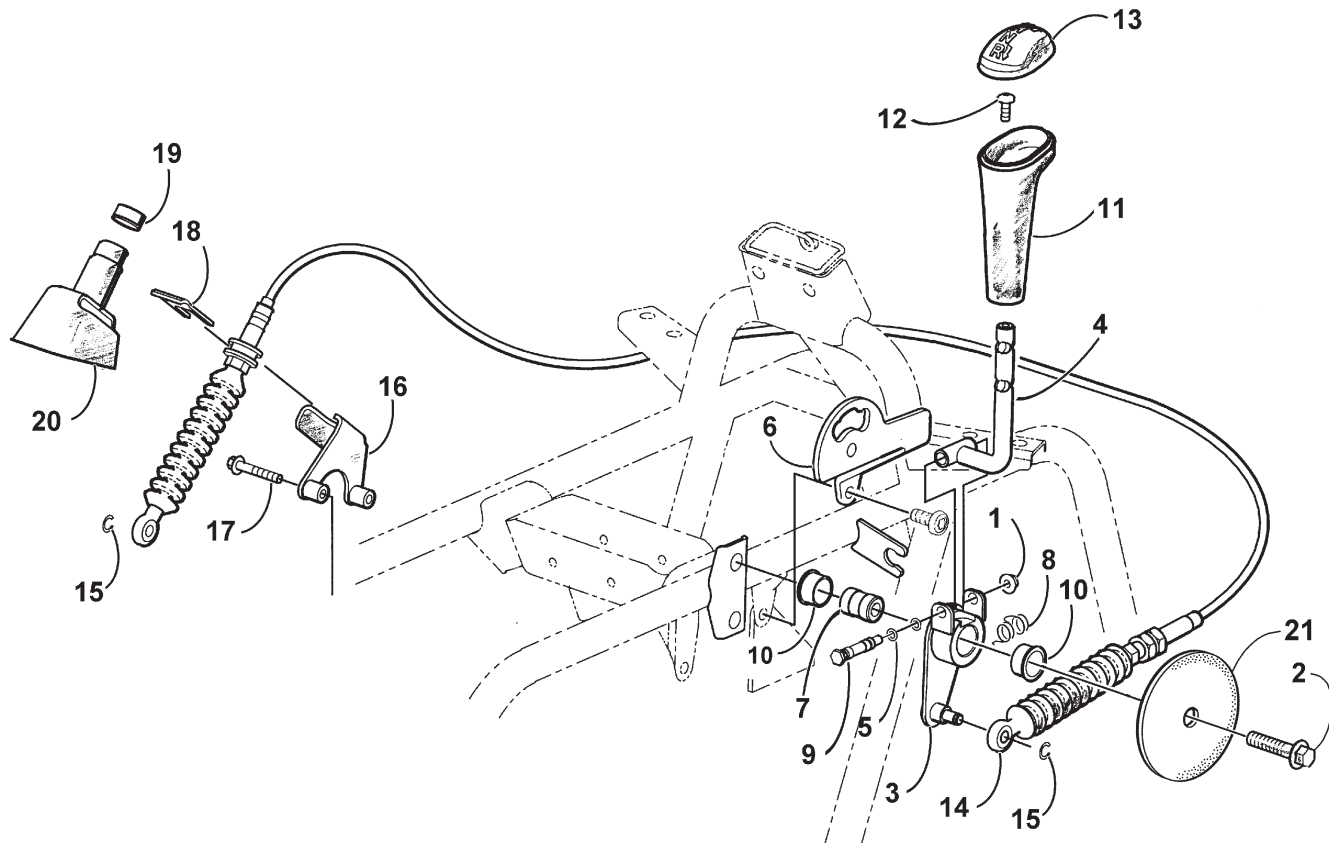


## GAS TANK ASSEMBLY

0736-132 \*Not a Service Part

| Ref. | Part No. | Qty. | Description                      | Ref. | Part No.        | Qty. | Description                        |
|------|----------|------|----------------------------------|------|-----------------|------|------------------------------------|
| 1    | 0570-035 | 1    | Tank, Gas - Assembly (inc. 2-14) | 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   | <u>0470-444</u> | 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           |      |                 |      |                                    |

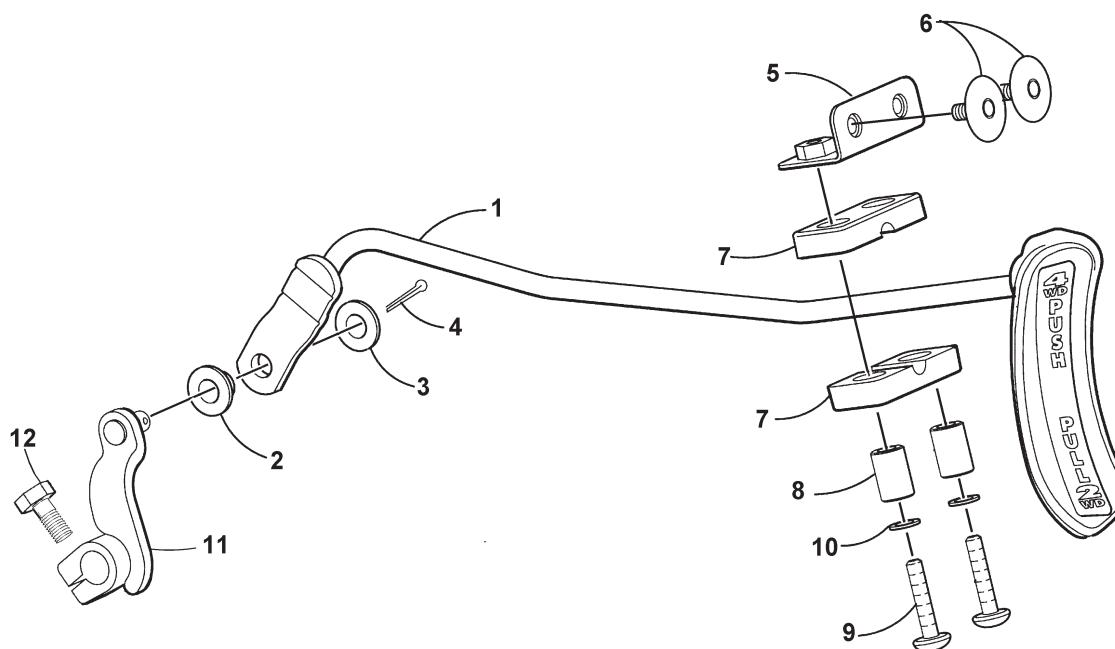
2001 ATV 500 cc Automatic Transmission



## SHIFT LEVER ASSEMBLY

0735-955

| Ref. | Part No.        | Qty. | Description             | Ref. | Part No.        | Qty. | Description          |
|------|-----------------|------|-------------------------|------|-----------------|------|----------------------|
| 1    | 8424-602        | 1    | Nut, Flex               | 12   | 8477-610        | 1    | Screw, Machine       |
| 2    | 8409-045        | 1    | Screw, Cap              | 13   | <u>0402-781</u> | 1    | Cap, Shift Handle    |
| 3    | <u>0502-202</u> | 1    | Hub, Shift Lever        | 14   | 0487-020        | 1    | Cable, Shift         |
| 4    | 0502-158        | 1    | Lever, Shift            | 15   | 0423-169        | 2    | E-Ring               |
| 5    | 0423-182        | 2    | O-Ring                  | 16   | 0502-152        | 1    | Bracket, Shift Cable |
| 6    | <u>0402-747</u> | 1    | Plate, Shift            | 17   | 0423-164        | 2    | Screw, Machine       |
| 7    | 0402-571        | 1    | Axle, Shift Lever Hub   | 18   | 3423-282        | 1    | Clip, Shift Cable    |
| 8    | <u>0402-742</u> | 1    | Spring                  | 19   | 0624-379        | 1    | Clamp                |
| 9    | <u>0402-741</u> | 1    | Axle, Shift Lever Pivot | 20   | 0406-539        | 1    | Cover, Shift Cable   |
| 10   | 0402-513        | 2    | Bushing, Flange         | 21   | <u>0402-816</u> | 1    | Cover, Shift Lever   |
| 11   | 0402-508        | 1    | Handle, Shift           |      |                 |      |                      |

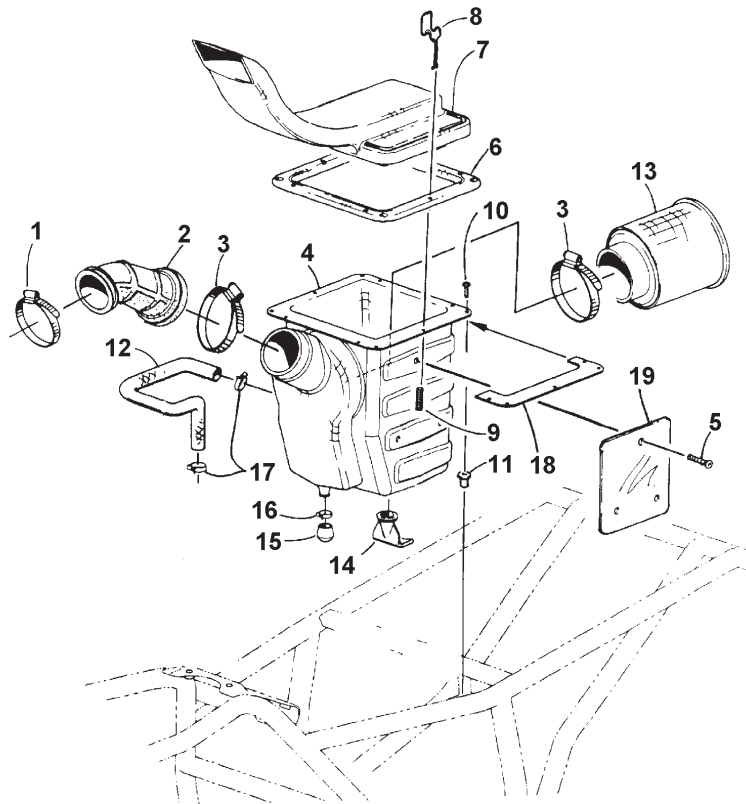


## FRONT SHIFT LINKAGE ASSEMBLY

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    | 0117-868 | 1    | Pin, Cotter            | 10   | 8050-222        | 2    | Washer         |
| 5    | 0506-400 | 1    | Bracket, Shift Linkage | 11   | <u>0502-221</u> | 1    | Arm, Select    |
| 6    | 0423-101 | 2    | Screw, Body            | 12   | 8476-620        | 1    | Screw, Machine |

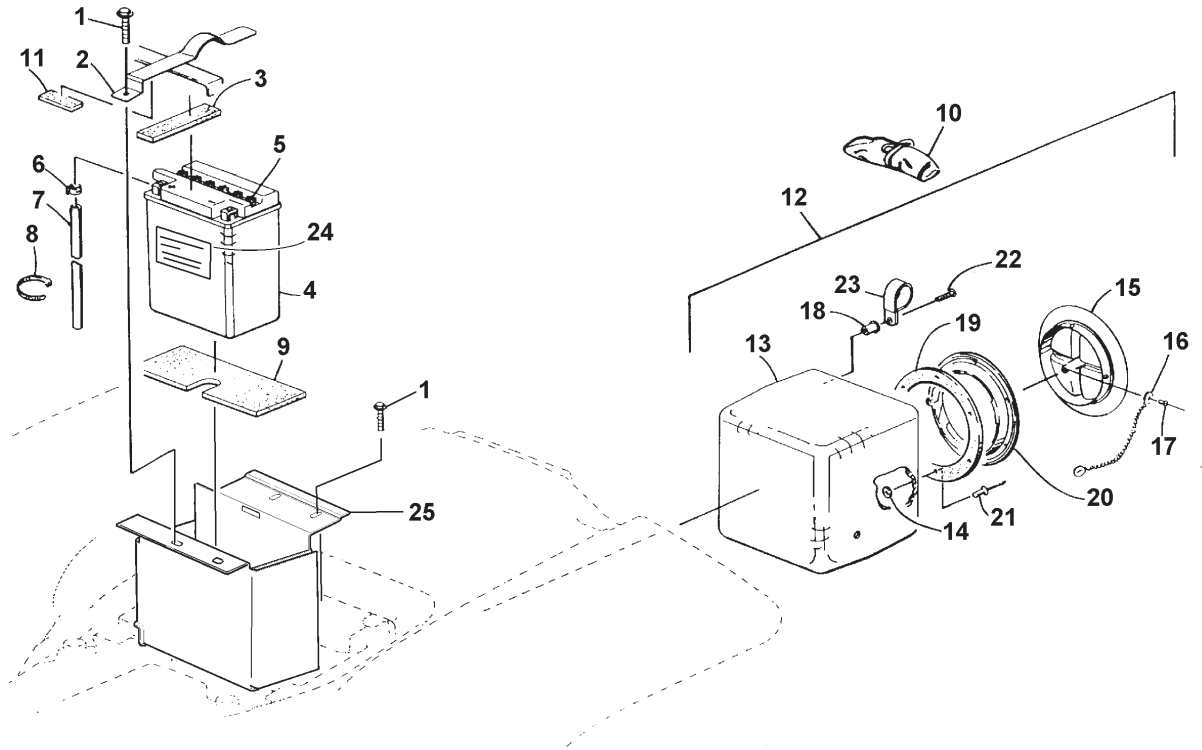
2001 ATV 500 cc Automatic Transmission



## AIR INTAKE ASSEMBLY

0735-595

| Ref. | Part No. | Qty. | Description          | Ref. | Part No. | Qty. | Description                 |
|------|----------|------|----------------------|------|----------|------|-----------------------------|
| 1    | 0423-019 | 1    | Clamp                | 11   | 0123-010 | 3    | Nut, Expansion              |
| 2    | 0470-382 | 1    | Boot, Air Cleaner    | 12   | 0410-023 | 1    | Hose, Crankcase Vent        |
| 3    | 0423-018 | 2    | Clamp                | 13   | 0470-391 | 1    | Filter, Air Cleaner         |
| 4    | 0470-384 | 1    | Housing, Air Cleaner | 14   | 0470-309 | 1    | Valve, Air Cleaner          |
| 5    | 0623-301 | 3    | Screw, Self-Tapping  | 15   | 1673-272 | 1    | Cap, Fitting - Air Cleaner  |
| 6    | 0470-343 | 1    | Gasket, Air Cleaner  | 16   | 0423-047 | 1    | Clamp, Hose                 |
| 7    | 0470-383 | 1    | Snorkel, Air Cleaner | 17   | 0423-045 | 2    | Clamp, Hose - Spring        |
| 8    | 0470-307 | 4    | Clamp, Air Cleaner   | 18   | 0470-351 | 2    | Support, Air Cleaner Flange |
| 9    | 0423-037 | 4    | Spring, Air Cleaner  | 19   | 0406-540 | 1    | Plate, Heat - Air Intake    |
| 10   | 0623-121 | 3    | Screw, Machine       |      |          |      |                             |

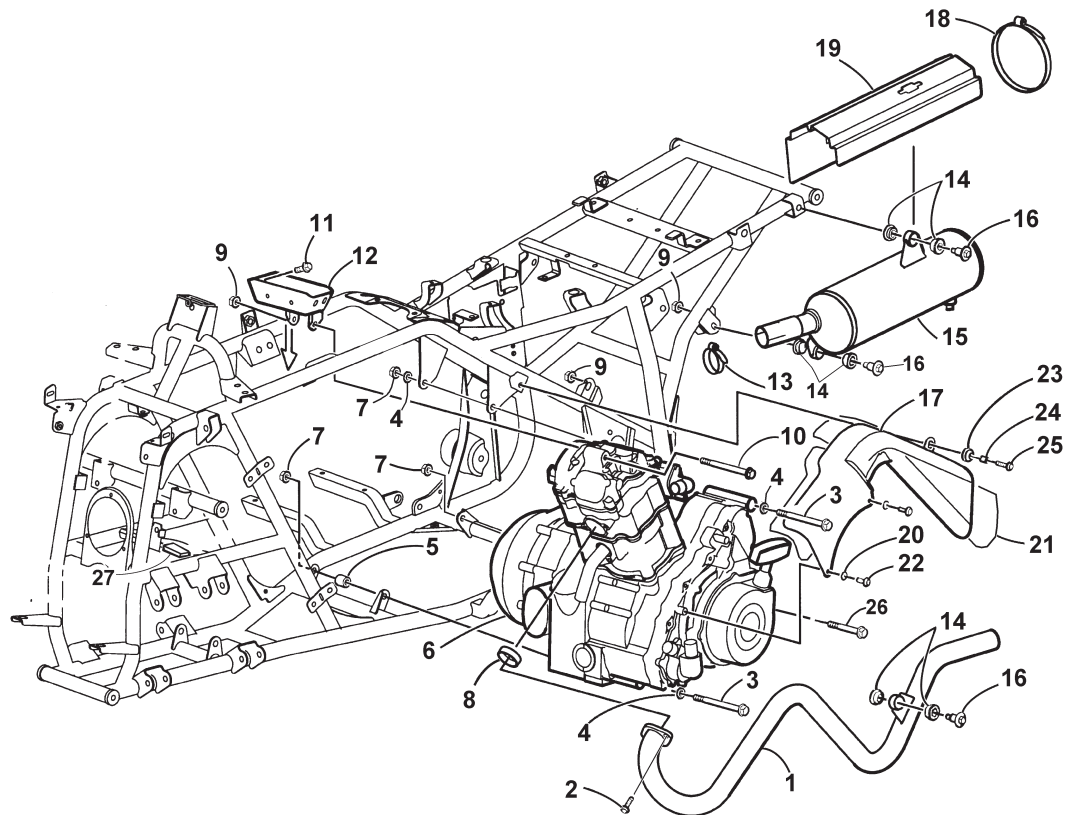


## STORAGE BOX AND BATTERY ASSEMBLY

0735-631

| Ref. | Part No. | Qty. | Description                           | Ref. | Part No. | Qty. | Description              |
|------|----------|------|---------------------------------------|------|----------|------|--------------------------|
| 1    | 8476-616 | 4    | Screw, Machine                        | 14   | 8050-152 | 6    | • Washer                 |
| 2    | 0506-399 | 1    | Strap, Battery w/Pads (inc. 3 and 11) | 15   | 0406-208 | 1    | • Cover, Storage Box     |
| 3    | 0406-289 | 1    | • Pad, Battery - Upper Rear           | 16   | 0773-401 | 1    | • Chain, Cover           |
| 4    | 0445-005 | 1    | Battery Assembly (inc. 5-7)           | 17   | 8061-223 | 2    | • Rivet                  |
| 5    | 0645-045 | 6    | • Cap, Battery                        | 18   | 0123-010 | 4    | • Nut, Expansion         |
| 6    | 0645-152 | 1    | • Clamp, Hose                         | 19   | 0673-973 | 1    | • Seal, Cover            |
| 7    | 0645-263 | 1    | • Hose, Battery Vent                  | 20   | 0406-205 | 1    | • Ring, Mounting - Cover |
| 8    | 0123-788 | 2    | Cable Tie - 7 in.                     | 21   | 8060-630 | 6    | • Rivet                  |
| 9    | 0406-556 | 1    | Pad, Battery - Lower                  | 22   | 0123-549 | 4    | Screw, Machine           |
| 10   | 0444-079 | 1    | Kit, Tool                             | 23   | 0423-044 | 4    | Clamp, Tube              |
| 11   | 0406-548 | 1    | Pad, Battery - Upper Front            | 24   | 0645-151 | 1    | Decal, Warning - Battery |
| 12   | 0506-241 | 1    | Storage Box - Assembly (inc. 13-21)   | 25   | 0406-537 | 1    | Box, Battery             |
| 13   | 0406-257 | 1    | • Box, Storage                        |      |          |      |                          |

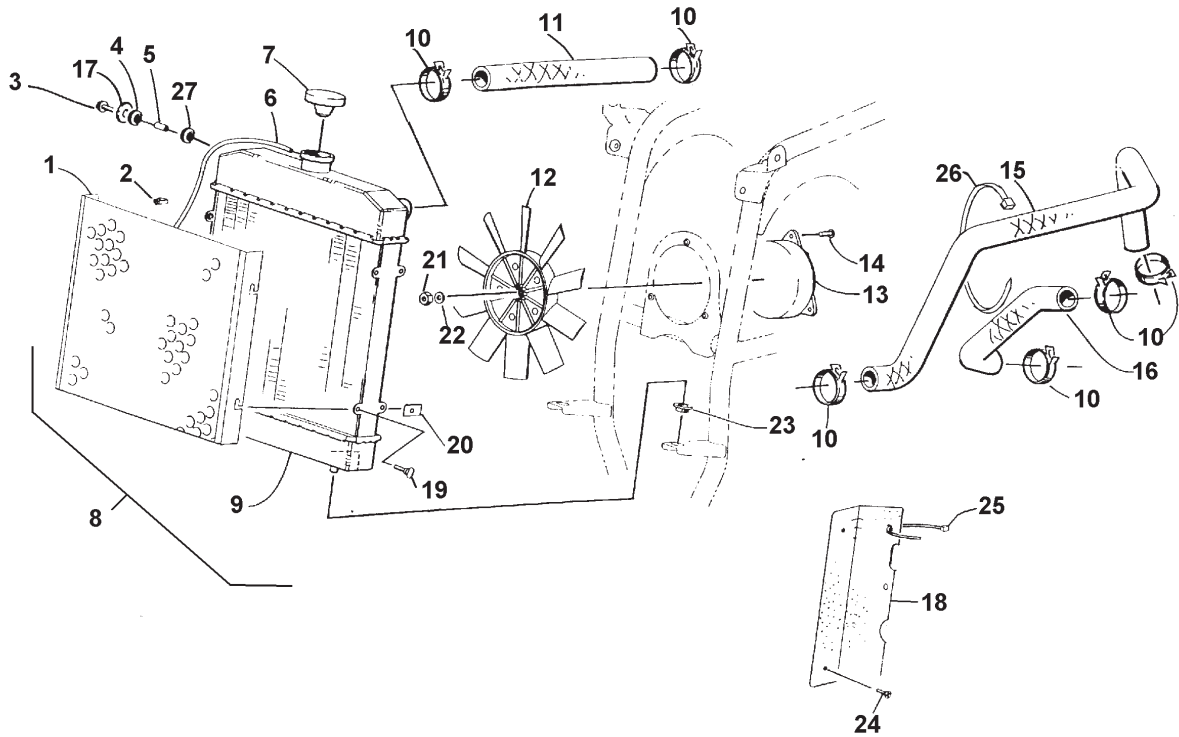
## 2001 ATV 500 cc Automatic Transmission



## ENGINE AND EXHAUST

0735-527

| Ref. | Part No. | Qty. | Description             | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|-------------------------|------|----------|------|-------------------------------|
| 1    | 0512-021 | 1    | Pipe, Exhaust           | 15   | 0412-049 | 1    | Muffler                       |
| 2    | 8408-820 | 2    | Screw, Cap              | 16   | 0423-106 | 3    | Screw, Machine                |
| 3    | 3423-009 | 2    | Bolt                    | 17   | 0406-487 | 1    | Cover, Exhaust                |
| 4    | 0423-050 | 3    | Washer                  | 18   | 0423-079 | 2    | Clamp, Hose                   |
| 5    | 0423-042 | 1    | Spacer                  | 19   | 0406-298 | 1    | Plate, Heat - Muffler         |
| 6    | 0462-013 | 1    | Engine                  | 20   | 8053-211 | 2    | Washer, Lock - External Tooth |
| 7    | 8428-002 | 3    | Nut, Lock               | 21   | 0412-054 | 1    | Shield, Heat                  |
| 8    | 0412-007 | 1    | Seal, Exhaust           |      | 0412-055 | 1    | Shield, Heat                  |
| 9    | 8424-802 | 4    | Nut, Flange             | 22   | 8477-610 | 2    | Screw, Machine                |
| 10   | 8408-860 | 1    | Screw, Cap              | 23   | 0423-030 | 1    | Grommet                       |
| 11   | 8408-816 | 4    | Screw, Cap              | 24   | 0423-036 | 1    | Collar                        |
| 12   | 0506-374 | 1    | Bracket, Engine - Upper | 25   | 8476-620 | 1    | Screw, Machine                |
| 13   | 0423-150 | 1    | Clamp, Exhaust          | 26   | 3423-391 | 1    | Bolt                          |
| 14   | 0412-033 | 6    | Bushing, Exhaust        | 27   | 0406-555 | 1    | Pad, Foam                     |

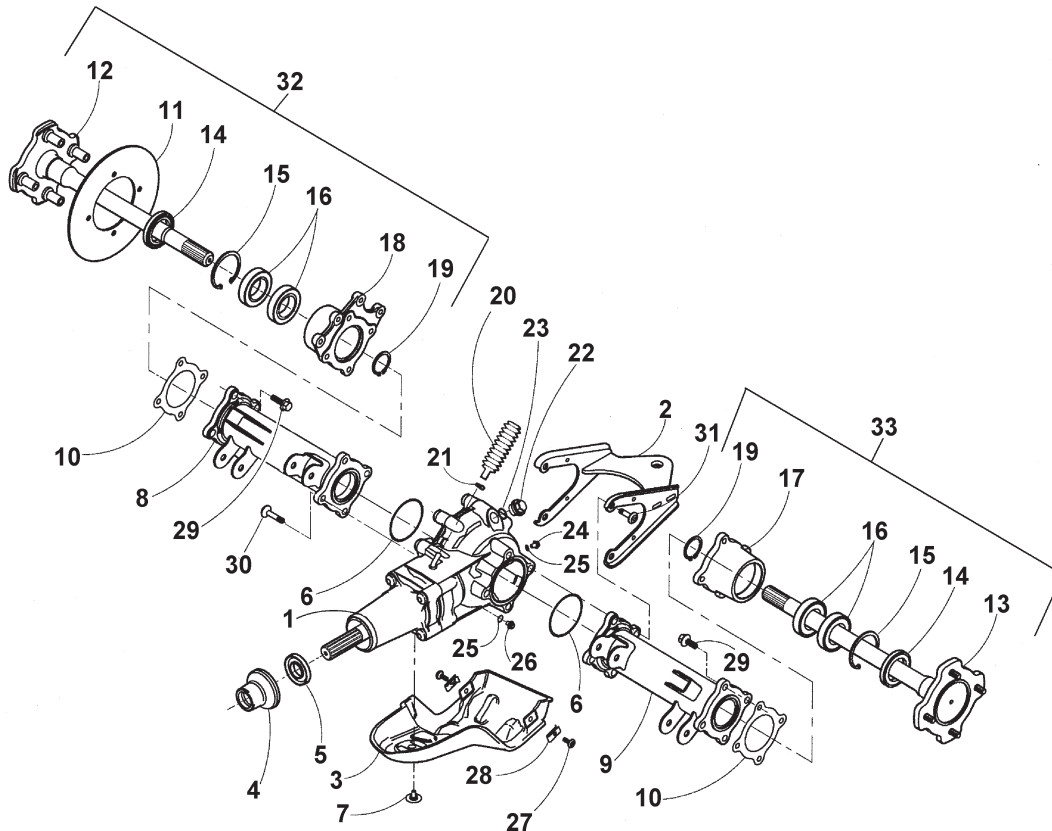


## COOLING ASSEMBLY

0735-528

| Ref. | Part No. | Qty. | Description                                 | Ref. | Part No. | Qty. | Description               |
|------|----------|------|---------------------------------------------|------|----------|------|---------------------------|
| 1    | 0413-007 | 1    | Screen, Radiator                            | 15   | 0410-021 | 1    | Hose, Coolant - Lower     |
| 2    | 0423-174 | 2    | Clamp, Hose - Radiator                      | 16   | 0410-022 | 1    | Hose, Coolant - Crossover |
| 3    | 8476-620 | 2    | Screw, Cap                                  | 17   | 0623-184 | 2    | Washer                    |
| 4    | 0423-030 | 2    | Grommet                                     | 18   | 0406-543 | 2    | Shroud, Fan               |
| 5    | 0423-036 | 2    | Collar                                      | 19   | 0413-009 | 4    | Screw, Thumb              |
| 6    | 0610-016 | AR   | Hose, Vent - 25 ft                          | 20   | 0423-031 | 4    | Nut, Speed                |
| 7    | 0413-002 | 1    | Cap, Radiator                               | 21   | 0423-056 | 1    | Nut - Left                |
| 8    | 0413-014 | 1    | Radiator Assembly (inc. 1, 4, 7, 9, and 19) | 22   | 8050-252 | 1    | Washer                    |
| 9    | *        | 1    | • Radiator                                  | 23   | 0423-028 | 2    | Bushing, Stem             |
| 10   | 0423-070 | 6    | Clamp, Hose                                 | 24   | 8477-616 | 4    | Screw, Machine            |
| 11   | 0410-002 | 1    | Hose, Coolant - Upper                       | 25   | 0123-788 | AR   | Cable Tie - 7 in.         |
| 12   | 0413-006 | 1    | Blade, Fan                                  | 26   | 0623-751 | 1    | Cable Tie - Re-Useable    |
| 13   | 0413-004 | 1    | Motor, Fan                                  | 27   | 8424-602 | 2    | Nut, Flange               |
| 14   | 8474-516 | 3    | Screw, Machine                              |      |          |      |                           |

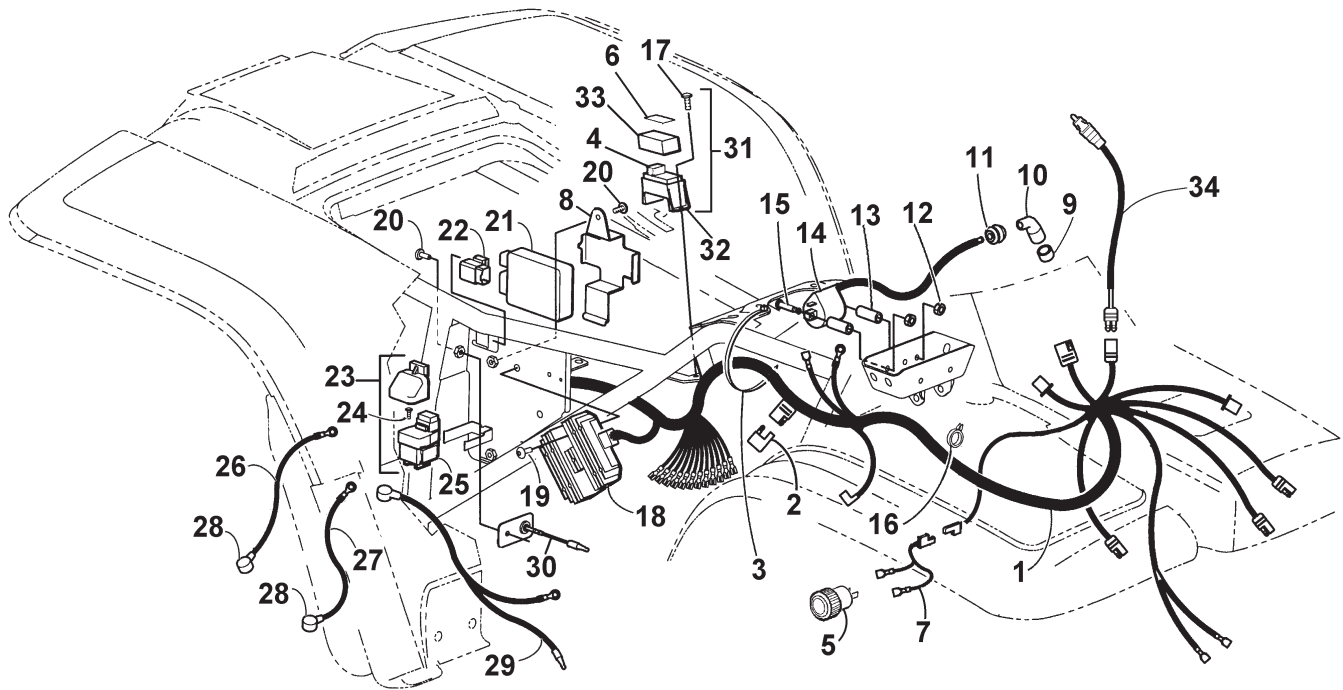
2001 ATV 500 cc Automatic Transmission



## REAR AXLE ASSEMBLY

0735-675

| Ref. | Part No. | Qty. | Description                 | Ref. | Part No. | Qty. | Description                                                         |
|------|----------|------|-----------------------------|------|----------|------|---------------------------------------------------------------------|
| 1    | 0502-108 | 1    | Gear Case Assembly          | 19   | 0402-351 | 2    | Ring, Retaining                                                     |
| 2    | 0506-300 | 1    | Hitch, Trailer              | 20   | 0402-147 | 1    | Bladder, Rear Drive Case                                            |
| 3    | 0406-415 | 1    | Panel, Gear Case - Right    | 21   | 0423-315 | 1    | Clamp, Double Wire                                                  |
| 4    | 0402-352 | 1    | Slinger, Rear Drive - Right | 22   | 0402-333 | 1    | Plug, Fill                                                          |
| 5    | 0402-323 | 1    | Seal, Rear Drive Slinger    | 23   | 0423-154 | 1    | O-Ring, Fill Plug                                                   |
| 6    | 0423-119 | 2    | O-Ring                      | 24   | 0402-334 | 1    | Plug, Drain                                                         |
| 7    | 0423-101 | 1    | Screw, Body                 | 25   | 0423-153 | 2    | O-Ring, Drain Plug                                                  |
| 8    | 0502-090 | 1    | Housing, Axle - Right       | 26   | 0402-450 | 1    | Plug, Drain - Magnetic                                              |
| 9    | 0502-091 | 1    | Housing, Axle - Left        | 27   | 8477-616 | 2    | Screw, Machine                                                      |
| 10   | 0402-374 | 2    | Gasket, Axle Housing        | 28   | 0423-031 | 2    | Nut, Speed                                                          |
| 11   | 0402-482 | 1    | Disc, Brake                 | 29   | 8409-025 | 8    | Screw, Cap                                                          |
| 12   | 0502-112 | 1    | Axle Assembly - Right       | 30   | 0423-117 | 4    | Screw, Self-Tapping                                                 |
| 13   | 0502-113 | 1    | Axle Assembly - Left        | 31   | 0423-116 | 4    | Screw, Self-Tapping                                                 |
| 14   | 0402-348 | 2    | Seal                        | 32   | 0502-140 | 1    | Retainer, Axle - Assembly - Right<br>(inc. 11-12, 14-16, and 18-19) |
| 15   | 0402-347 | 2    | Ring, Retaining             | 33   | 0502-107 | 1    | Retainer, Axle - Assembly - Left<br>(inc. 13-17 and 19)             |
| 16   | 0402-339 | 4    | Bearing                     |      |          |      |                                                                     |
| 17   | 0502-097 | 1    | Housing, Bearing - Left     |      |          |      |                                                                     |
| 18   | 0502-138 | 1    | Housing, Bearing - Right    |      |          |      |                                                                     |

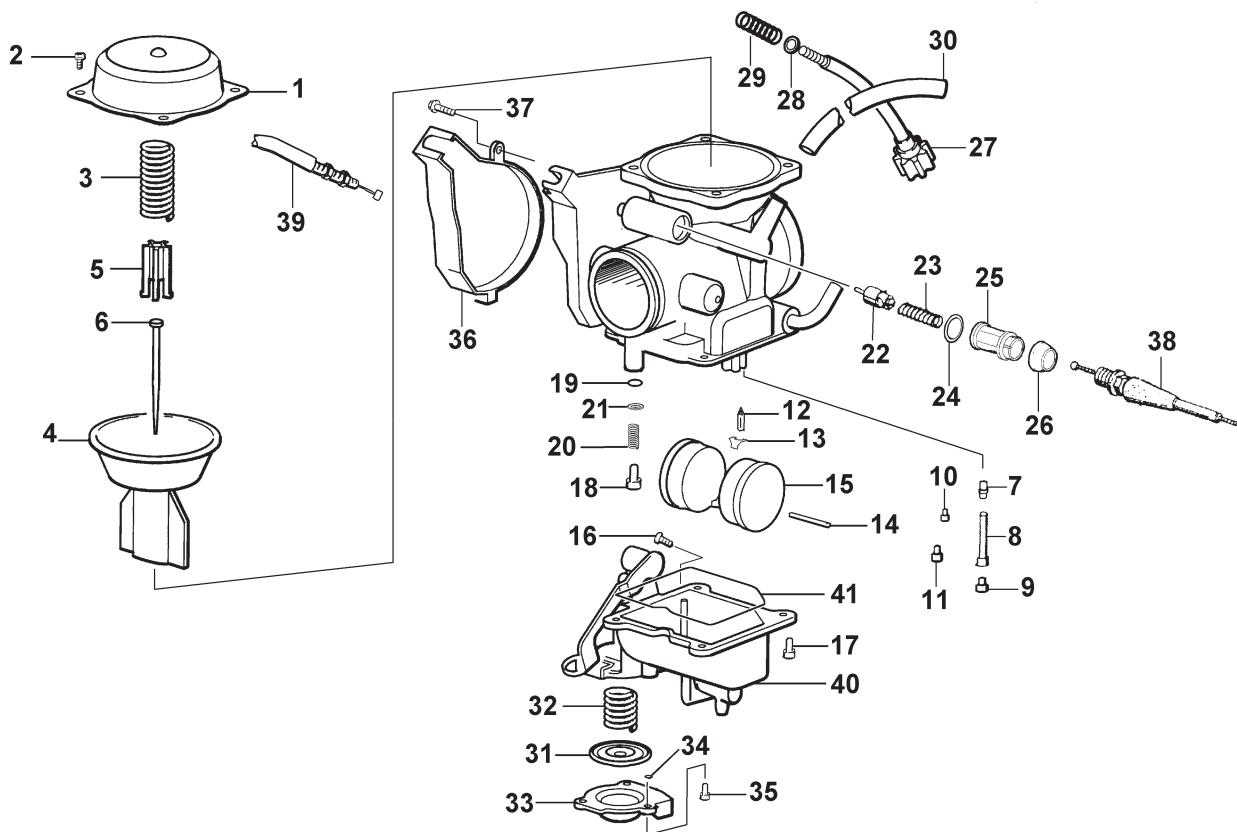


## WIRING HARNESS ASSEMBLY

0735-960

| Ref. | Part No. | Qty. | Description               | Ref. | Part No. | Qty. | Description                                   |
|------|----------|------|---------------------------|------|----------|------|-----------------------------------------------|
| 1    | 0486-073 | 1    | Harness, Main             | 19   | 8476-625 | 2    | Screw, Machine                                |
| 2    | 0486-029 | 1    | Diode (Start in Gear)     | 20   | 8476-616 | 2    | Screw, Machine                                |
| 3    | 0123-788 | AR   | Cable Tie - 7 in.         | 21   | 3530-032 | 1    | CDI Unit                                      |
| 4    | 0630-057 | 4    | Fuse - 10 Amp             | 22   | 3530-008 | 1    | Relay, Neutral Start - Assembly               |
|      | 0630-058 | 2    | Fuse - 15 Amp             | 23   | 3530-001 | 1    | Relay, Starter Motor - Assembly (inc. 25)     |
| 5    | 0445-022 | 1    | Receptacle, 12V           | 24   | 3423-020 | 2    | Screw, Cap                                    |
| 6    | 0411-271 | 1    | Decal, Fuse Block         | 25   | 0630-098 | 1    | Fuse, 30 Amp                                  |
| 7    | 0486-004 | 1    | Harness, 12V Receptacle   | 26   | 0445-019 | 1    | Cable, Battery/Electric Start Relay           |
| 8    | 0406-535 | 1    | Bracket, CDI Unit         | 27   | 0445-021 | 1    | Cable, Battery/Electric Start                 |
| 9    | 3430-008 | 1    | Seal, Spark Plug          | 28   | 0645-019 | 2    | Boot, Terminal                                |
| 10   | 3430-007 | 1    | Cap, Spark Plug           | 29   | 0445-020 | 1    | Cable, Battery/Ground                         |
| 11   | 3430-009 | 1    | Seal, High Tension Cord   | 30   | 0586-003 | 1    | Diode Assembly                                |
| 12   | 8424-602 | 2    | Nut                       | 31   | 0530-001 | 1    | Block, Fuse - Assembly (inc. 4, 6, and 32-33) |
| 13   | 0107-630 | 2    | Spacer                    | 32   | *        | 1    | • Block, Fuse                                 |
| 14   | 3530-027 | 1    | Coil, Ignition - Assembly | 33   | *        | 1    | • Cover, Fuse Block                           |
| 15   | 8476-640 | 2    | Screw, Cap                | 34   | 0409-009 | 1    | Switch, Brake                                 |
| 16   | 0423-075 | 1    | Cable Tie - Push Mount    |      |          |      |                                               |
| 17   | 0423-068 | 2    | Screw, Machine            |      |          |      |                                               |
| 18   | 3530-028 | 1    | Regulator, Voltage        |      |          |      |                                               |

## 2001 ATV 500 cc Automatic Transmission



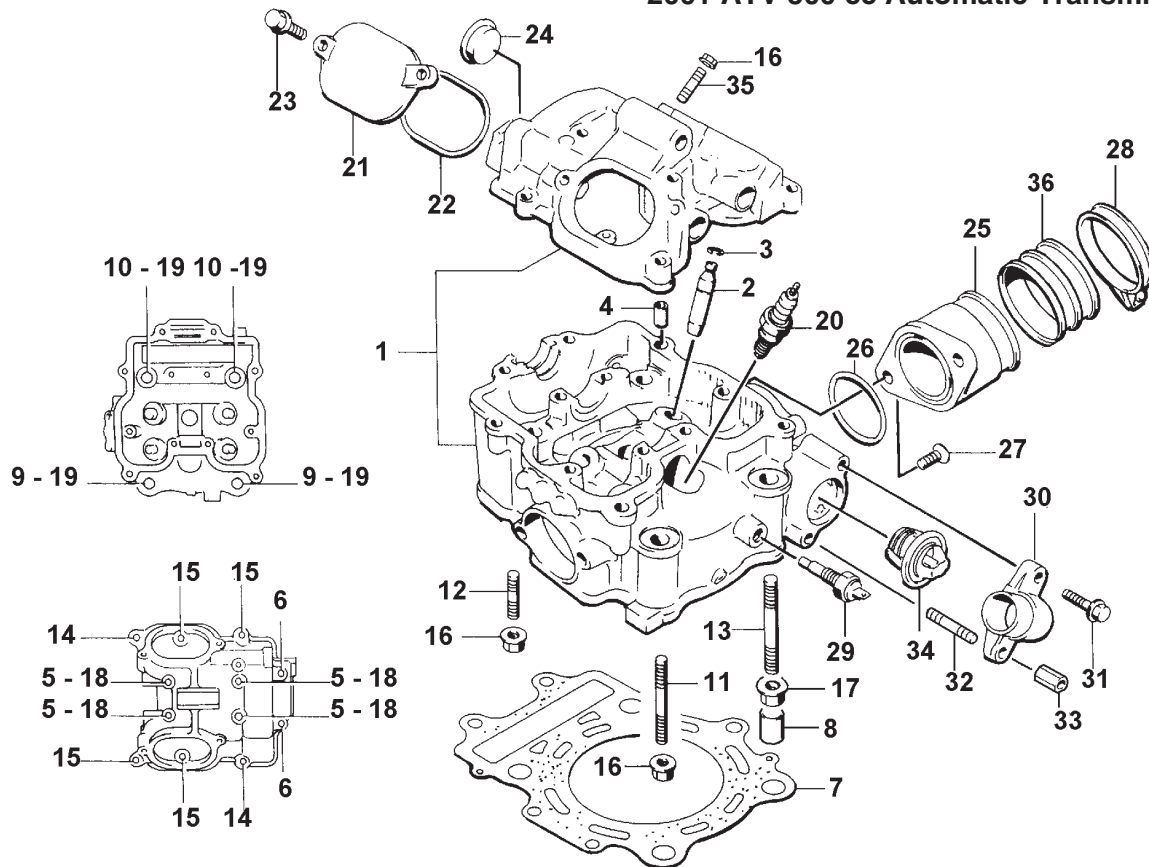
## CARBURETOR

(Complete Assembly p/n 0470-433)

0736-053 \*Not a Service Part \*\*Optional

| Ref. | Part No.        | Qty. | Description                         | Ref. | Part No.        | Qty. | Description                                           |
|------|-----------------|------|-------------------------------------|------|-----------------|------|-------------------------------------------------------|
| 1    | 5507-001        | 1    | Cover, Top                          | 20   | *               | 1    | • Spring                                              |
| 2    | 5507-002        | 4    | Screw, Top Cover                    | 21   | *               | 1    | • Washer                                              |
| 3    | <u>5507-066</u> | 1    | Spring                              | 22   | 5507-022        | 1    | Valve, Starter                                        |
| 4    | 5507-004        | 1    | Piston, Vacuum                      | 23   | 5507-023        | 1    | Spring                                                |
| 5    | 5507-005        | 1    | Spring, Seat                        | 24   | 5507-024        | 1    | O-Ring                                                |
| 6    | 5507-006        | 1    | Jet Needle                          | 25   | 5507-025        | 1    | Cap                                                   |
| 7    | 5507-007        | 1    | Needle Jet                          | 26   | 5507-026        | 1    | Cap, Rubber                                           |
| 8    | <u>5507-047</u> | 1    | Holder, Needle Jet                  | 27   | 5507-027        | 1    | Screw, Stop                                           |
| 9    | 5507-042        | 1    | Main Jet 145                        | 28   | 5507-028        | 1    | Washer                                                |
|      | 5507-009        | 1    | Main Jet 150**                      | 29   | 5507-029        | 1    | Spring                                                |
|      | 5507-041        | 1    | Main Jet 147**                      | 30   | 5507-030        | 1    | Tube, Vinyl                                           |
|      | 5507-043        | 1    | Main Jet 142**                      | 31   | 5507-031        | 1    | Diaphragm Assembly                                    |
|      | 5507-044        | 1    | Main Jet 140**                      | 32   | 5507-032        | 1    | Spring                                                |
| 10   | 5507-010        | 1    | Slow Jet                            | 33   | *               | 1    | Housing, Pump                                         |
| 11   | 5507-011        | 1    | Starter Jet - 102                   | 34   | 5507-034        | 1    | U-Ring                                                |
| 12   | 5507-038        | 1    | Valve, Float - Set (inc. 13)        | 35   | 5507-035        | 3    | Screw                                                 |
| 13   | *               | 1    | • Clip                              | 36   | 5507-036        | 1    | Cover                                                 |
| 14   | *               | 1    | Pin, Float                          | 37   | 5507-037        | 1    | Screw                                                 |
| 15   | 5507-039        | 1    | Float Set (inc. 14)                 | 38   | 0487-016        | 1    | Cable, Choke                                          |
| 16   | <u>5507-050</u> | 1    | Screw, Drain                        | 39   | 0487-021        | 1    | Cable, Throttle                                       |
| 17   | 5507-017        | 4    | Screw                               | 40   | *               | 1    | Chamber, Float - Assembly<br>(inc. 16, 31-35, and 41) |
| 18   | 5507-040        | 1    | Screw, Pilot Air - Set (inc. 19-21) | 41   | <u>5507-067</u> | 1    | • O-Ring, Float Chamber                               |
| 19   | *               | 1    | • O-Ring                            |      |                 |      |                                                       |

## 2001 ATV 500 cc Automatic Transmission



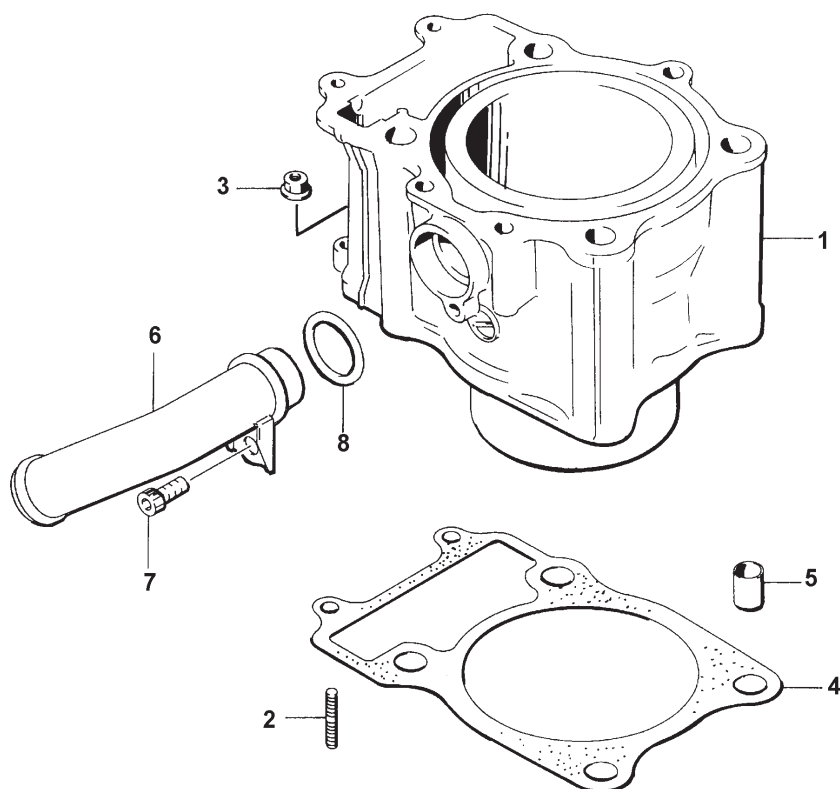
## CYLINDER HEAD ASSEMBLY

(Complete Gasket Set p/n 3402-370)

0736-107

| Ref. | Part No. | Qty. | Description                          | Ref. | Part No. | Qty. | Description                          |
|------|----------|------|--------------------------------------|------|----------|------|--------------------------------------|
| 1    | 3402-361 | 1    | Head, Cylinder - Assembly (inc. 2-6) | 20   | 0217-632 | 1    | Spark Plug (NGKCR6E)                 |
| 2    | 3402-099 | 4    | • Guide, Valve                       | 21   | 3402-100 | 2    | Cap, Inspection                      |
| 3    | 3423-068 | 4    | • Circlip                            | 22   | 3402-101 | 2    | O-Ring                               |
| 4    | 3423-043 | 2    | • Pin, Dowel                         | 23   | 3004-341 | 3    | Screw, Cap                           |
| 5    | 3423-006 | 4    | • Screw, Cap                         | 24   | 3402-035 | 1    | Plug, Cylinder Head                  |
| 6    | 3008-376 | 2    | • Screw, Cap                         | 25   | 3402-435 | 1    | Pipe, Intake - Assembly              |
| 7    | 3402-362 | 1    | Gasket, Cylinder Head                | 26   | 3402-358 | 1    | Pipe, Intake - Assembly              |
| 8    | 3423-088 | 2    | Pin, Dowel                           | 27   | 3423-353 | 1    | O-Ring                               |
| 9    | 3423-015 | 2    | Screw, Cap                           | 28   | 3423-347 | 2    | Screw, Cap                           |
| 10   | 3423-016 | 2    | Screw, Cap                           | 29   | 3402-086 | 1    | Clamp                                |
| 11   | 3423-089 | 2    | Bolt, Stud                           | 30   | 3530-030 | 1    | Switch, Water Temperature - Assembly |
| 12   | 3423-087 | 2    | Bolt, Stud                           | 31   | 3413-004 | 1    | Cover, Thermostat                    |
| 13   | 3423-203 | 1    | Bolt, Stud                           | 32   | 3004-341 | 1    | Screw, Cap                           |
| 14   | 3423-007 | 2    | Screw, Cap                           | 33   | 3423-354 | 1    | Stud, Thermostat Cover               |
| 15   | 3004-376 | 4    | Screw, Cap                           | 34   | 3423-349 | 1    | Nut                                  |
| 16   | 3004-488 | 5    | Nut                                  | 35   | 3413-012 | 1    | Thermostat                           |
| 17   | 3004-326 | 1    | Nut                                  | 36   | 3423-383 | 1    | Bolt, Stud                           |
| 18   | 3003-290 | 4    | Gasket                               |      | 0470-412 | 1    | Tube, Intake                         |
| 19   | 3402-010 | 4    | Gasket, Head Nut                     |      |          |      |                                      |

2001 ATV 500 cc Automatic Transmission

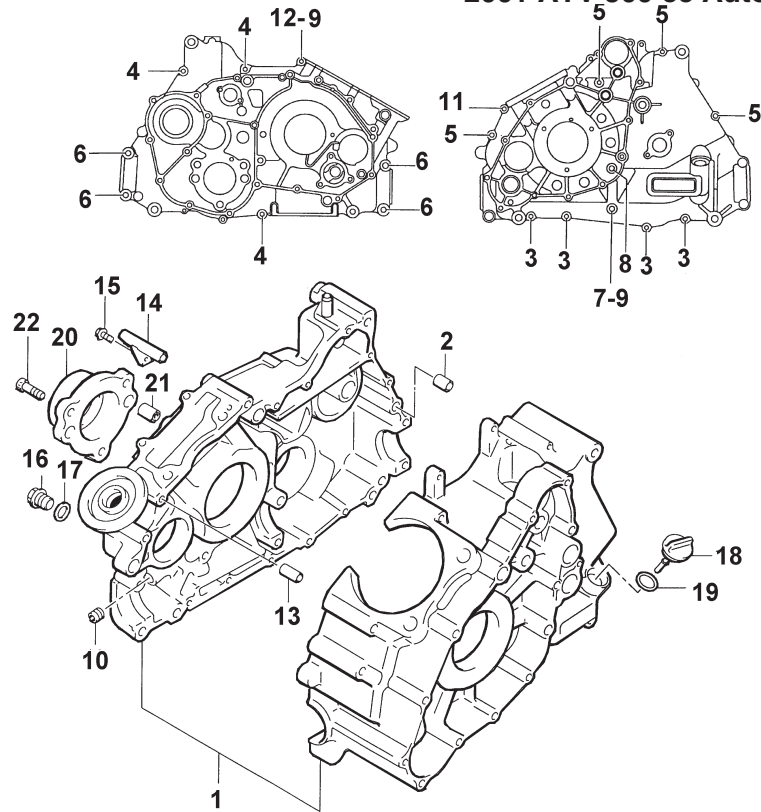


## CYLINDER ASSEMBLY

0735-608

| Ref. | Part No. | Qty. | Description      | Ref. | Part No. | Qty. | Description       |
|------|----------|------|------------------|------|----------|------|-------------------|
| 1    | 3402-364 | 1    | Cylinder         | 5    | 3423-088 | 2    | Pin, Dowel        |
| 2    | 3423-384 | 2    | Bolt, Stud       | 6    | 3413-013 | 1    | Union, Water Hose |
| 3    | 3004-488 | 2    | Nut              | 7    | 3423-121 | 1    | Screw, Cap        |
| 4    | 3402-365 | 1    | Gasket, Cylinder | 8    | 3423-058 | 1    | O-Ring            |

## 2001 ATV 500 cc Automatic Transmission



## CRANKCASE ASSEMBLY

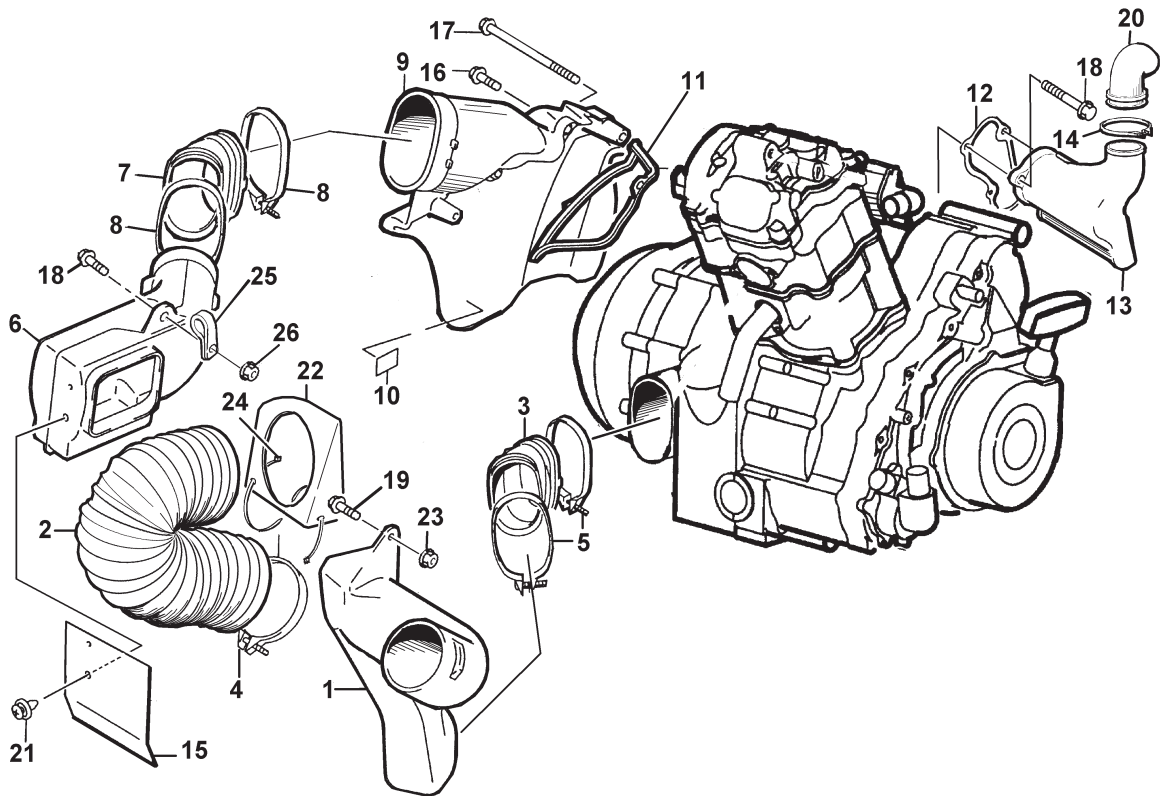
0735-609

| Ref. | Part No. | Qty. | Description                           | Ref. | Part No. | Qty. | Description                      |
|------|----------|------|---------------------------------------|------|----------|------|----------------------------------|
| 1    | 3402-520 | 1    | Crankcase Assembly (inc. 2-12 and 24) | 12   | 3423-388 | 1    | • Bolt                           |
| 2    | 3423-088 | 2    | • Pin, Dowel                          | 13   | 3004-822 | 1    | Pin, Dowel                       |
| 3    | 3423-091 | 4    | • Bolt                                | 14   | 3402-437 | 1    | Pipe, Breather                   |
| 4    | 3423-119 | 3    | • Bolt                                | 15   | 3423-389 | 1    | Bolt, Breather Pipe              |
| 5    | 3423-092 | 4    | • Bolt                                | 16   | 3402-214 | 1    | Plug, Oil Pressure               |
| 6    | 3004-880 | 4    | • Bolt                                | 17   | 3402-012 | 1    | Gasket, Oil Pressure Plug        |
| 7    | 3005-332 | 1    | • Bolt                                | 18   | 3402-438 | 1    | Stick, Oil Level                 |
| 8    | 3423-385 | 1    | • Bolt                                | 19   | 3423-055 | 1    | O-Ring, Oil Level Stick          |
| 9    | 3402-436 | 2    | • Gasket                              | 20   | 3402-439 | 1    | Housing, Secondary Shaft Bearing |
| 10   | 3423-386 | 1    | • Plug                                | 21   | 3423-088 | 2    | Pin, Dowel                       |
| 11   | 3423-387 | 1    | • Bolt                                | 22   | 3423-390 | 3    | Bolt                             |



0735-610

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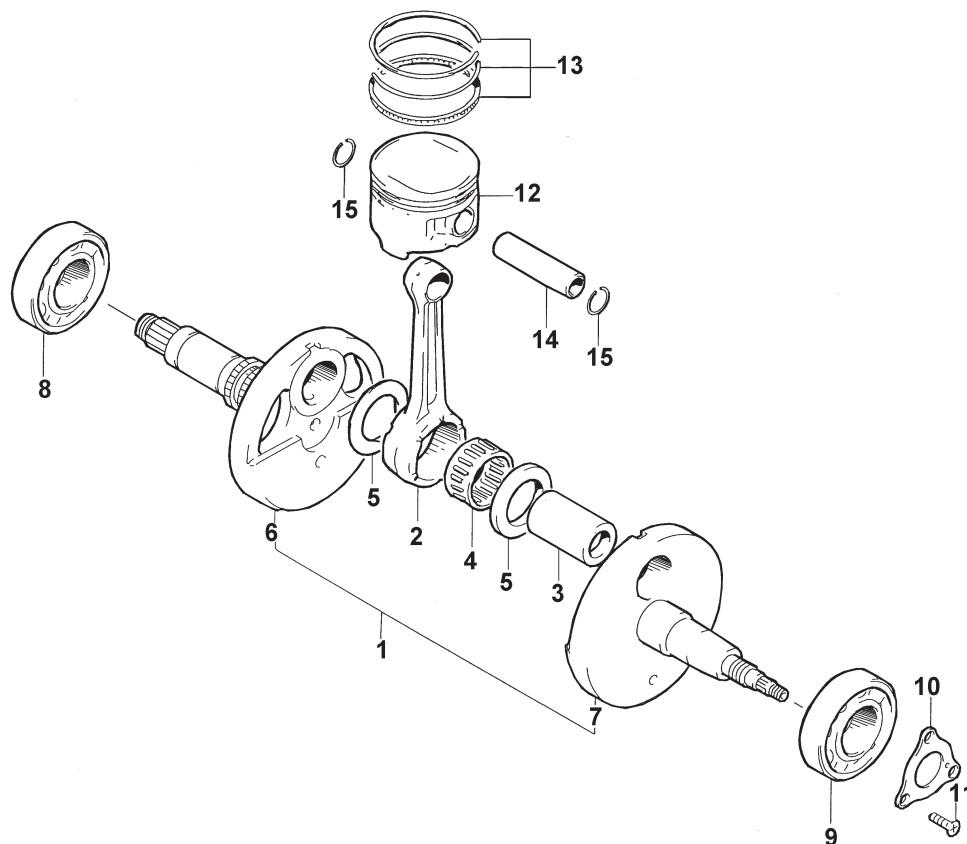


## CASE/BELT COOLING ASSEMBLY

0735-526

| Ref. | Part No. | Qty. | Description                      | Ref. | Part No. | Qty. | Description                   |
|------|----------|------|----------------------------------|------|----------|------|-------------------------------|
| 1    | 3402-447 | 1    | Duct, Belt Cooling - Front       | 14   | 3402-455 | 1    | Clamp                         |
| 2    | 0410-033 | 1    | Duct, Belt Cooling - Front       | 15   | 0506-402 | 1    | Guard, Duct                   |
| 3    | 3402-448 | 1    | Tube, Clutch Cooling             | 16   | 3004-341 | 2    | Bolt, Duct Connector - Center |
| 4    | 0423-018 | 1    | Clamp, Duct - Front              | 17   | 3423-393 | 2    | Bolt, Duct Connector - Center |
| 5    | 3402-449 | 4    | Clamp, Duct - Front              | 18   | 8476-625 | 5    | Screw, Machine                |
| 6    | 3402-450 | 1    | Duct, Belt Cooling - Center      | 19   | 8408-820 | 1    | Screw, Cap                    |
| 7    | 3402-451 | 1    | Connector, Cooling Duct - Center | 20   | 0410-032 | 1    | Boot, Clutch Plenum           |
| 8    | 3402-448 | 2    | Clamp, Duct - Center             | 21   | 3423-423 | 2    | Clip, Retaining - Duct Guard  |
| 9    | 3402-452 | 1    | Connector, Duct - Center         | 22   | 0406-560 | 1    | Retainer, Cooling Hose        |
| 10   | 3402-453 | 2    | Cushion, Duct Connector - Center | 23   | 8424-802 | 1    | Nut, Flange                   |
| 11   | 3402-454 | 1    | Gasket, Duct Connector - Center  | 24   | 0123-788 | AR   | Cable Tie - 7 in.             |
| 12   | 0410-034 | 1    | Gasket, Duct Connector - Rear    | 25   | 0423-167 | 1    | Clamp, Brakeline              |
| 13   | 0510-591 | 1    | Plenum, Clutch                   | 26   | 8424-602 | 1    | Nut, Flange                   |

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## CRANKSHAFT ASSEMBLY

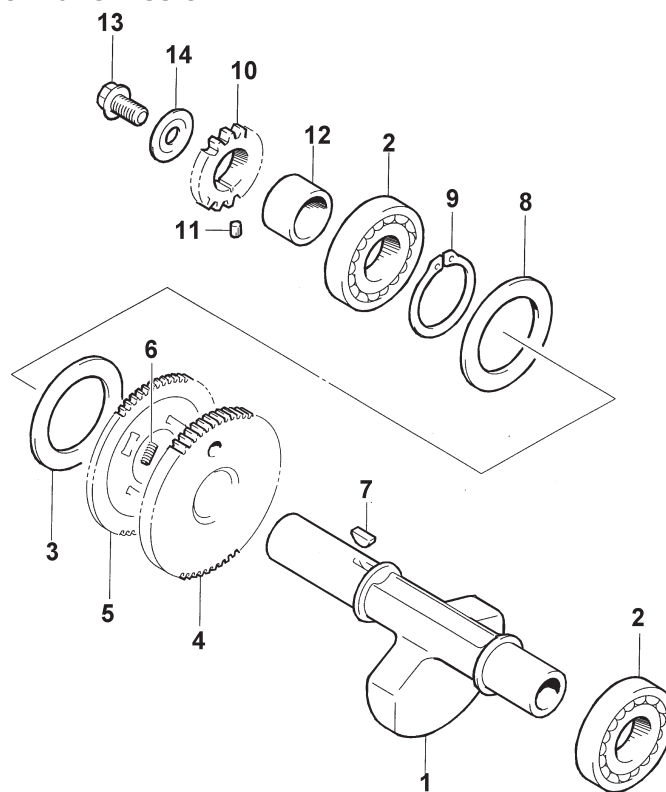
0735-611

| Ref. | Part No. | Qty. | Description                     | Ref. | Part No. | Qty. | Description               |
|------|----------|------|---------------------------------|------|----------|------|---------------------------|
| 1    | 3402-521 | 1    | Crankshaft Assembly (inc. 2-9)  | 9    | 3402-054 | 1    | Bearing - Left            |
| 2    | 3402-376 | 1    | • Rod, Connecting               | 10   | 3402-188 | 1    | Retainer, Oil Seal - Left |
| 3    | 3402-377 | 1    | • Pin, Crank                    | 11   | 3423-018 | 3    | Screw                     |
| 4    | 3402-386 | 1    | • Bearing                       | 12   | 3402-373 | 1    | Piston                    |
| 5    | 3423-351 | 2    | • Washer                        | 13   | 3402-374 | 1    | Ring, Piston - Set        |
| 6    | 3402-522 | 1    | • Crankshaft - Right (inc. 8-9) | 14   | 3402-375 | 1    | Pin, Piston               |
| 7    | 3402-456 | 1    | • Crankshaft - Left             | 15   | 3423-344 | 2    | Circlip, Piston Pin       |
| 8    | 3402-058 | 1    | Bearing - Right                 |      |          |      |                           |



| Ref. | Part No. | Qty. | Description                      | Ref. | Part No. | Qty. | Description                    |
|------|----------|------|----------------------------------|------|----------|------|--------------------------------|
| 1    | 3402-523 | 1    | Gear, Starter Idler - No. 1      | 6    | 3402-457 | 1    | Clutch, Starter - Set (inc. 7) |
| 2    | 3423-331 | 1    | Pin                              | 7    | 3402-063 | 1    | • Bearing                      |
| 3    | 3402-349 | 1    | Gear, Starter Idler - No. 2      | 8    | 3423-104 | 1    | Washer                         |
| 4    | 3423-396 | 1    | Spacer, Starter Idler Gear No. 2 | 9    | 3423-102 | 6    | Bolt                           |
| 5    | 3423-397 | 1    | Pin                              |      |          |      |                                |

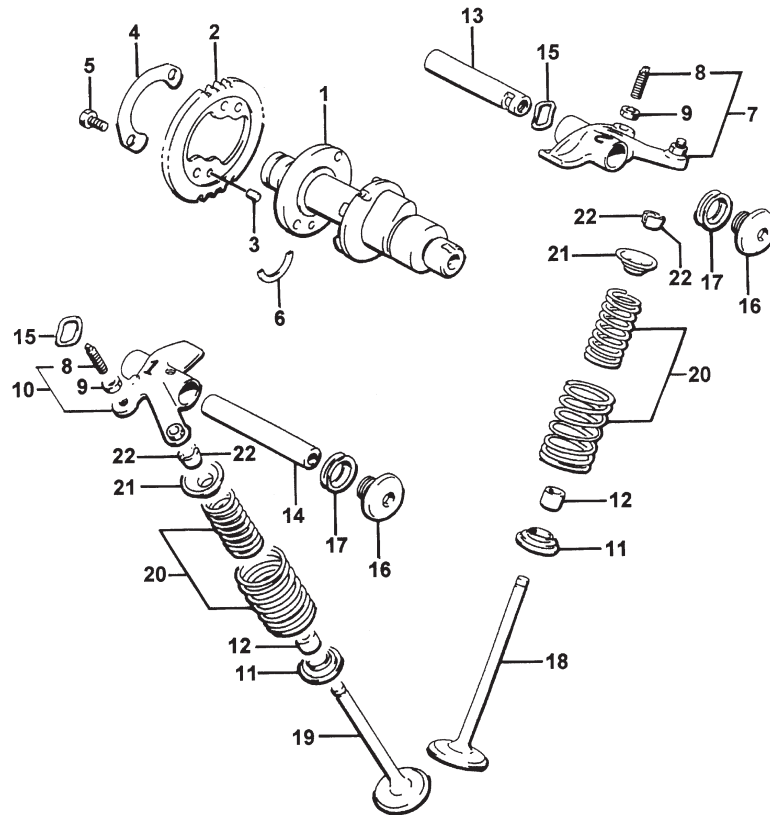
## 2001 ATV 500 cc Automatic Transmission



## CRANK BALANCER ASSEMBLY

0735-613

| Ref. | Part No. | Qty. | Description          | Ref. | Part No. | Qty. | Description          |
|------|----------|------|----------------------|------|----------|------|----------------------|
| 1    | 3402-458 | 1    | Balancer, Crank      | 8    | 3423-107 | 1    | Washer               |
| 2    | 3402-050 | 2    | Bearing              | 9    | 3423-200 | 1    | Circlip              |
| 3    | 3423-398 | 1    | Washer               | 10   | 3402-390 | 1    | Gear, Oil Pump Drive |
| 4    | 3402-459 | 1    | Gear, Driven - No. 1 | 11   | 3423-110 | 1    | Pin, Drive Gear      |
| 5    | 3402-460 | 1    | Gear, Driven - No. 2 | 12   | 3402-461 | 1    | Spacer, Drive Gear   |
| 6    | 3423-399 | 2    | Spring, Driven Gear  | 13   | 3423-400 | 1    | Bolt, Drive Gear     |
| 7    | 3004-540 | 1    | Key                  | 14   | 3423-401 | 1    | Washer, Drive Gear   |

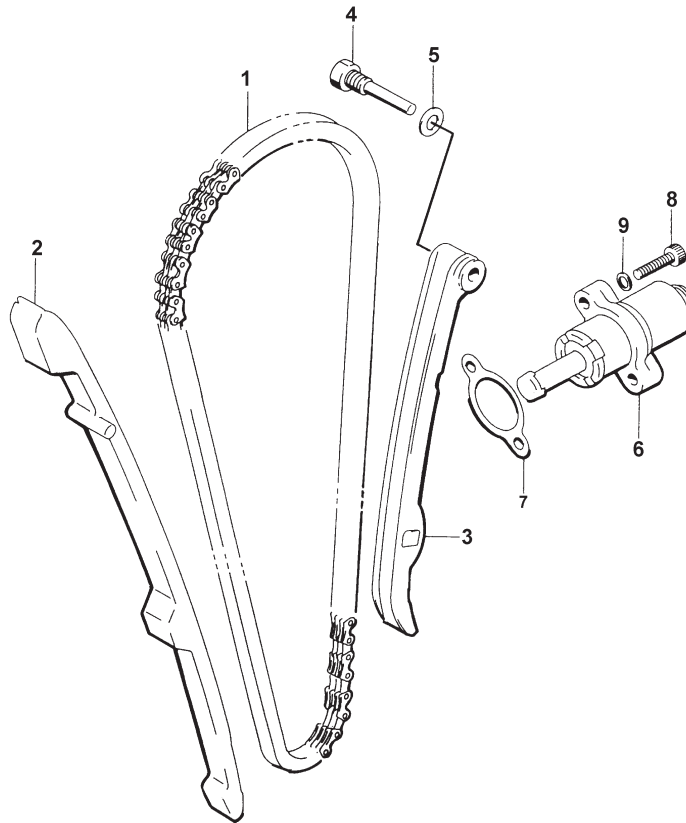


## CAMSHAFT/VALVE ASSEMBLY

0732-307

| Ref. | Part No. | Qty. | Description                  | Ref. | Part No. | Qty. | Description         |
|------|----------|------|------------------------------|------|----------|------|---------------------|
| 1    | 3402-027 | 1    | Camshaft                     | 12   | 3402-078 | 4    | Seal, Oil           |
| 2    | 3402-352 | 1    | Sprocket                     | 13   | 3402-140 | 1    | Shaft, Rocker Arm   |
| 3    | 3423-047 | 1    | Pin                          | 14   | 3402-141 | 1    | Shaft, Rocker Arm   |
| 4    | 3423-073 | 1    | Washer                       | 15   | 3423-031 | 2    | Washer              |
| 5    | 3423-013 | 2    | Bolt                         | 16   | 3402-040 | 2    | Plug, Shaft         |
| 6    | 3423-071 | 1    | C-Ring                       | 17   | 3402-012 | 2    | Gasket              |
| 7    | 3402-138 | 1    | Arm, Valve Rocker (inc. 8-9) | 18   | 3402-142 | 2    | Valve, Intake       |
| 8    | 3423-075 | 4    | • Screw                      | 19   | 3402-143 | 2    | Valve, Exhaust      |
| 9    | 3423-076 | 4    | • Nut                        | 20   | 3402-144 | 4    | Spring, Valve - Set |
| 10   | 3402-139 | 1    | Arm, Valve Rocker (inc. 8-9) | 21   | 3402-146 | 4    | Retainer, Spring    |
| 11   | 3402-148 | 4    | Seat, Spring                 | 22   | 3402-147 | 8    | Cotter, Valve       |

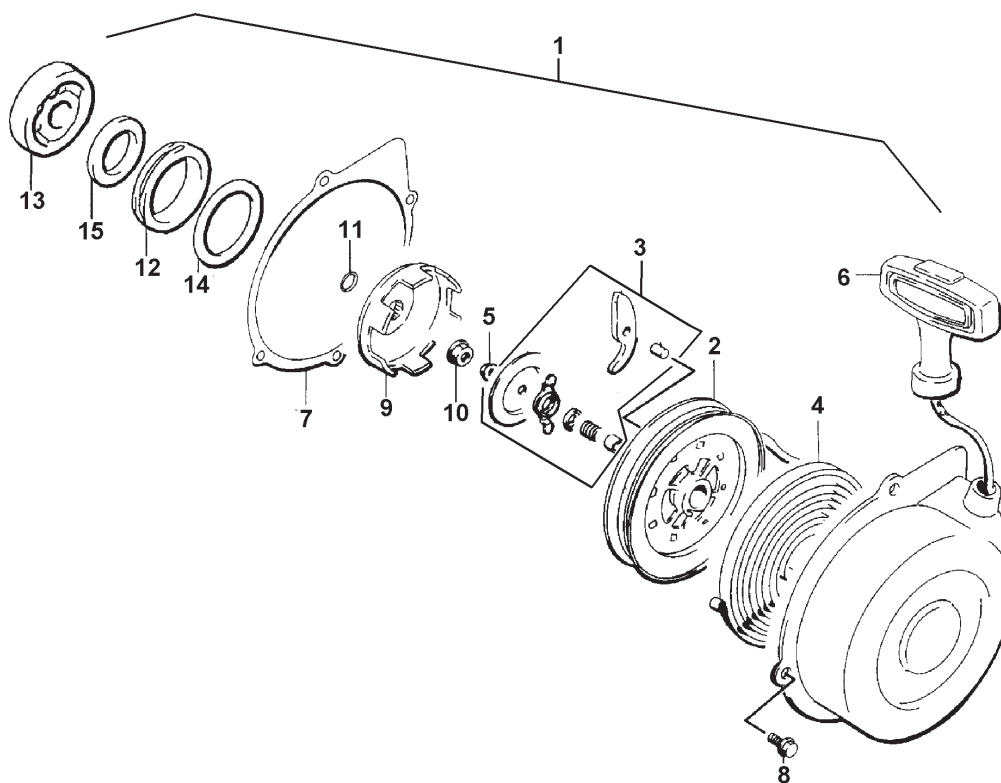
2001 ATV 500 cc Automatic Transmission



## CAM CHAIN ASSEMBLY

0732-308

| Ref. | Part No. | Qty. | Description      | Ref. | Part No. | Qty. | Description                    |
|------|----------|------|------------------|------|----------|------|--------------------------------|
| 1    | 3402-353 | 1    | Chain, Cam       | 6    | 3402-136 | 1    | Adjuster, Tensioner - Assembly |
| 2    | 3402-355 | 1    | Guide, Chain     | 7    | 3402-137 | 1    | Gasket                         |
| 3    | 3402-356 | 1    | Tensioner, Chain | 8    | 3004-475 | 2    | Bolt                           |
| 4    | 3423-074 | 1    | Bolt             | 9    | 3003-290 | 2    | Gasket                         |
| 5    | 3003-188 | 1    | Washer           |      |          |      |                                |

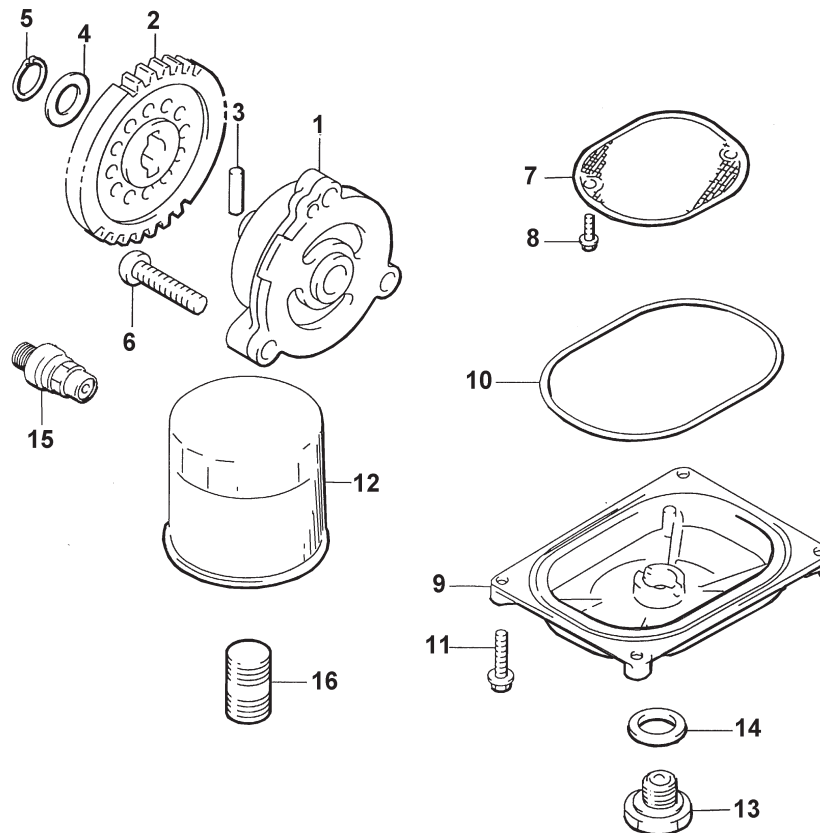


## RECOIL STARTER ASSEMBLY

0735-614

| Ref. | Part No. | Qty. | Description                           | Ref. | Part No. | Qty. | Description  |
|------|----------|------|---------------------------------------|------|----------|------|--------------|
| 1    | 3445-003 | 1    | Starter, Recoil - Assembly (inc. 2-6) | 9    | 3445-027 | 1    | Cup, Starter |
| 2    | 3445-004 | 1    | • Reel                                | 10   | 3004-491 | 1    | Nut          |
| 3    | 3445-016 | 1    | • Ratchet Assembly                    | 11   | 3423-053 | 1    | O-Ring       |
| 4    | 3445-007 | 1    | • Spring, Spiral                      | 12   | 3402-119 | 1    | Spacer       |
| 5    | 3004-488 | 1    | • Nut                                 | 13   | 3402-051 | 1    | Bearing      |
| 6    | 3445-011 | 1    | • Rope Assembly                       | 14   | 3423-063 | 1    | O-Ring       |
| 7    | 3445-013 | 1    | Gasket                                | 15   | 3402-070 | 1    | Seal, Oil    |
| 8    | 3423-112 | 4    | Screw, Cap                            |      |          |      |              |

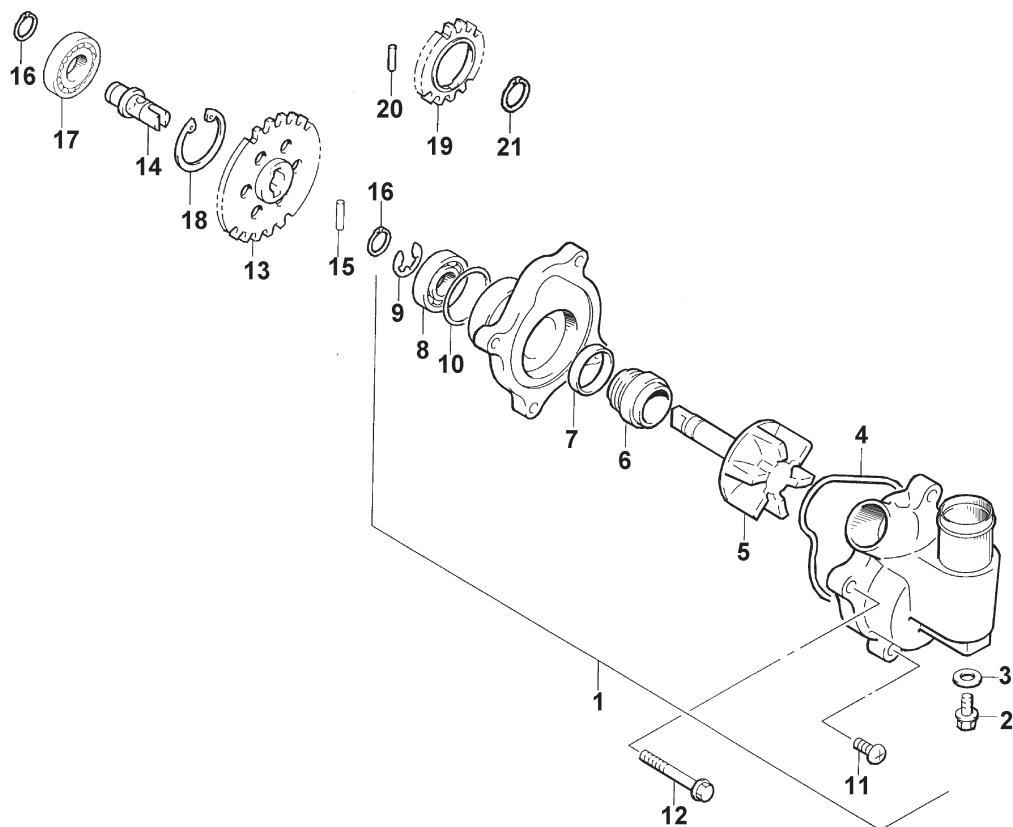
## 2001 ATV 500 cc Automatic Transmission



## OIL FILTER/PUMP ASSEMBLY

0735-615

| Ref. | Part No. | Qty. | Description   | Ref. | Part No. | Qty. | Description                  |
|------|----------|------|---------------|------|----------|------|------------------------------|
| 1    | 3402-462 | 1    | Pump, Oil     | 9    | 3402-157 | 1    | Cap, Oil Strainer            |
| 2    | 3402-463 | 1    | Gear, Driven  | 10   | 3423-077 | 1    | O-Ring                       |
| 3    | 3423-046 | 1    | Pin           | 11   | 3004-756 | 4    | Screw, Cap                   |
| 4    | 3423-115 | 1    | Washer        | 12   | 0436-146 | 1    | Filter, Oil                  |
| 5    | 3423-184 | 1    | Circlip       | 13   | 3402-036 | 1    | Plug, Drain                  |
| 6    | 3423-113 | 3    | Screw         | 14   | 3402-012 | 1    | Gasket, Drain Plug           |
| 7    | 3402-156 | 1    | Strainer, Oil | 15   | 3402-154 | 1    | Valve, Oil Relief - Assembly |
| 8    | 0693-389 | 2    | Screw         | 16   | 3402-158 | 1    | Union, Oil Filter            |

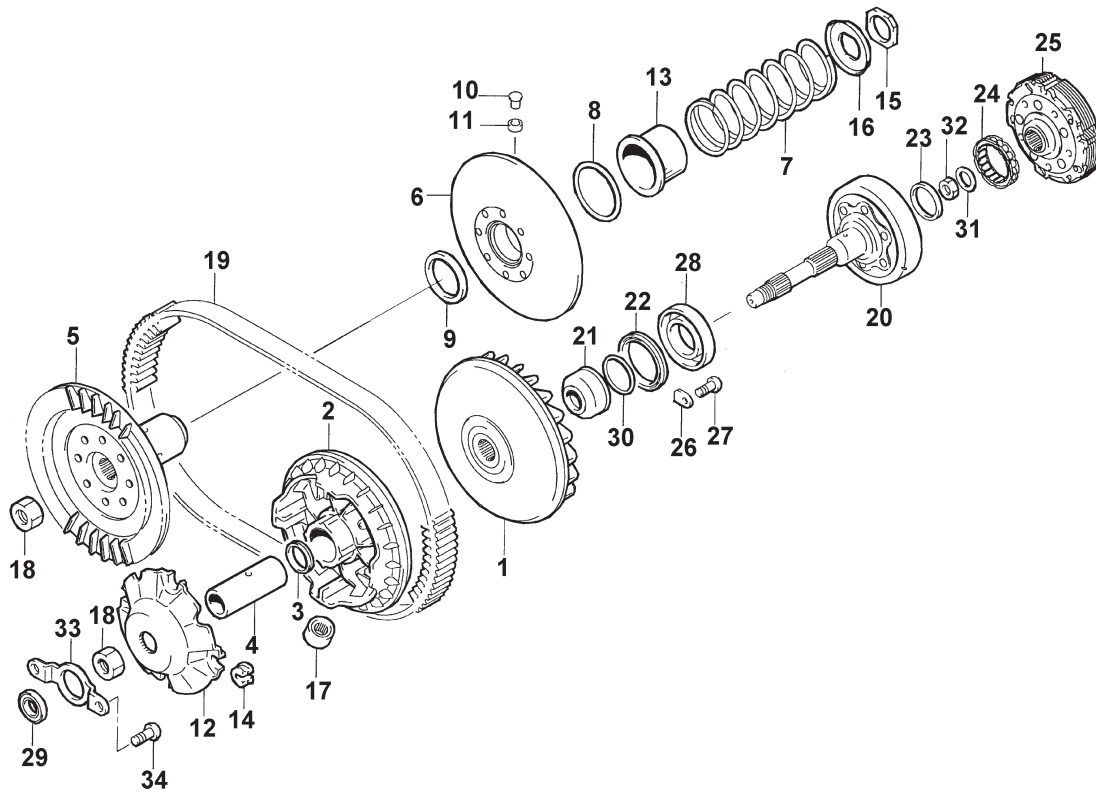


## WATER PUMP ASSEMBLY

0735-616

| Ref. | Part No. | Qty. | Description                        | Ref. | Part No. | Qty. | Description            |
|------|----------|------|------------------------------------|------|----------|------|------------------------|
| 1    | 3402-464 | 1    | Pump, Water - Assembly (inc. 2-11) | 12   | 3423-308 | 2    | Bolt                   |
| 2    | 3423-343 | 1    | • Bolt                             | 13   | 3402-026 | 1    | Gear, Driven           |
| 3    | 3003-188 | 1    | • Gasket                           | 14   | 3402-466 | 1    | Shaft, Driven Gear     |
| 4    | 3423-402 | 1    | • O-Ring                           | 15   | 3423-046 | 1    | Pin, Driven Gear       |
| 5    | 3413-014 | 1    | • Impeller/Shaft                   | 16   | 3423-184 | 2    | Circlip, Driven Gear   |
| 6    | 3402-360 | 1    | • Seal, Mechanical                 | 17   | 3402-467 | 1    | Bearing, Shaft         |
| 7    | 3402-465 | 1    | • Seal, Oil                        | 18   | 3423-405 | 1    | Circlip, Shaft Bearing |
| 8    | 3003-615 | 1    | • Bearing                          | 19   | 3402-390 | 1    | Gear, Water Pump Drive |
| 9    | 3423-403 | 1    | • E-Ring                           | 20   | 3423-110 | 1    | Pin, Drive Gear        |
| 10   | 3423-404 | 1    | • O-Ring                           | 21   | 3423-189 | 1    | Circlip, Drive Gear    |
| 11   | 3003-484 | 2    | • Screw                            |      |          |      |                        |

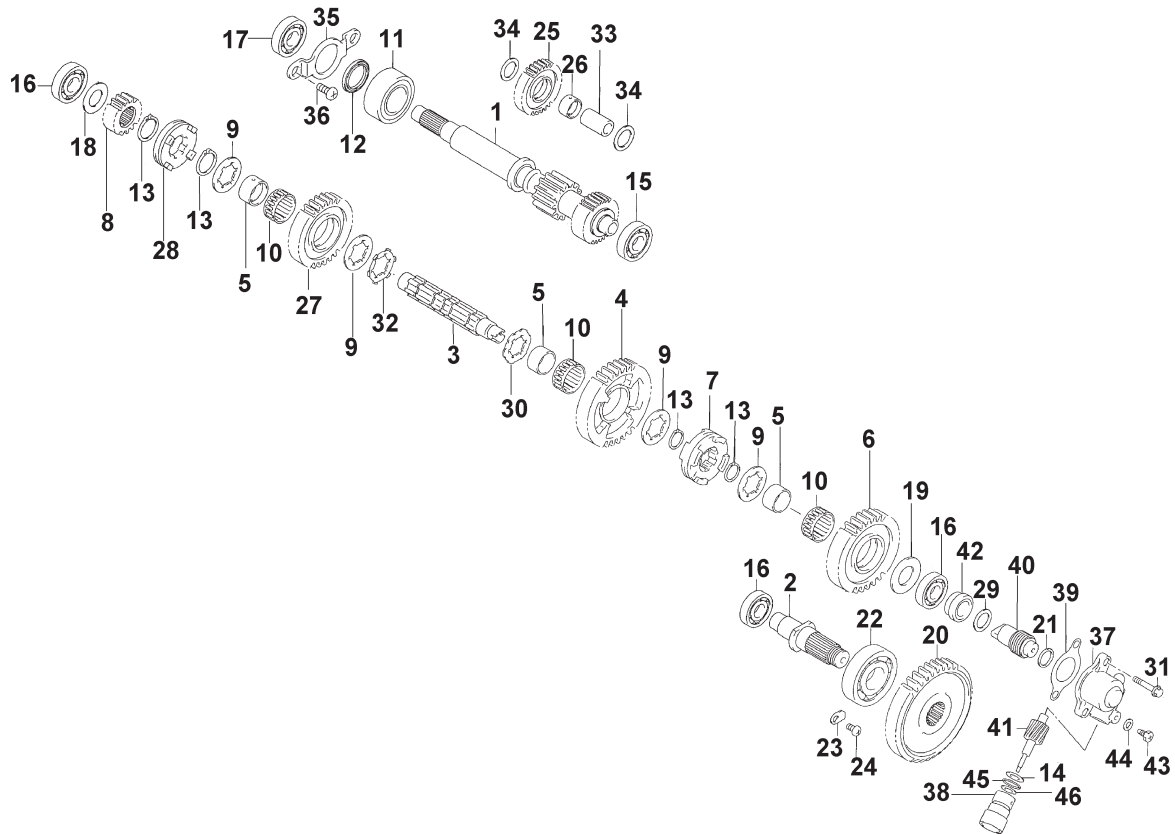
2001 ATV 500 cc Automatic Transmission



## TRANSMISSION ASSEMBLY

0735-617

| Ref. | Part No. | Qty. | Description            | Ref. | Part No. | Qty. | Description                |
|------|----------|------|------------------------|------|----------|------|----------------------------|
| 1    | 3402-468 | 1    | Face, Fixed Drive      | 18   | 3423-407 | 2    | Nut, Face                  |
| 2    | 3402-469 | 1    | Face, Movable Drive    | 19   | 3402-484 | 1    | V-Belt, Drive              |
| 3    | 3402-470 | 2    | Seal, Movable Drive    | 20   | 3402-485 | 1    | Housing, Clutch            |
| 4    | 3402-471 | 1    | Spacer, Movable Drive  | 21   | 3402-486 | 1    | Spacer, Fixed Drive - Left |
| 5    | 3402-472 | 1    | Face, Fixed Driven     | 22   | 3402-487 | 1    | Seal, Clutch Housing       |
| 6    | 3402-473 | 1    | Face, Movable Driven   | 23   | 3402-488 | 1    | Seal, Clutch Housing       |
| 7    | 3402-474 | 1    | Spring, Movable Driven | 24   | 3446-003 | 1    | Clutch, One Way            |
| 8    | 3402-475 | 2    | O-Ring, Movable Driven | 25   | 3446-263 | 1    | Shoe, Clutch - Assembly    |
| 9    | 3402-476 | 2    | Seal, Movable Driven   | 26   | 3446-031 | 2    | Retainer, Bearing          |
| 10   | 3402-477 | 4    | Pin, Movable Driven    | 27   | 3004-552 | 2    | Screw, Bearing Retainer    |
| 11   | 3402-478 | 4    | Spacer, Movable Driven | 28   | 3402-489 | 1    | Bearing                    |
| 12   | 3402-479 | 1    | Plate, Movable Drive   | 29   | 3402-490 | 1    | Bearing                    |
| 13   | 3402-480 | 1    | Sleeve, Movable Driven | 30   | 3423-353 | 1    | O-Ring                     |
| 14   | 3402-481 | 4    | Damper, Movable Drive  | 31   | 3423-408 | 1    | Washer                     |
| 15   | 3423-406 | 1    | Nut, Driven Pulley     | 32   | 3423-409 | 1    | Nut                        |
| 16   | 3402-482 | 1    | Holder, Movable Driven | 33   | 3423-410 | 1    | Retainer, Bearing          |
| 17   | 3402-483 | 8    | Roller, Movable Drive  | 34   | 3423-018 | 2    | Screw                      |

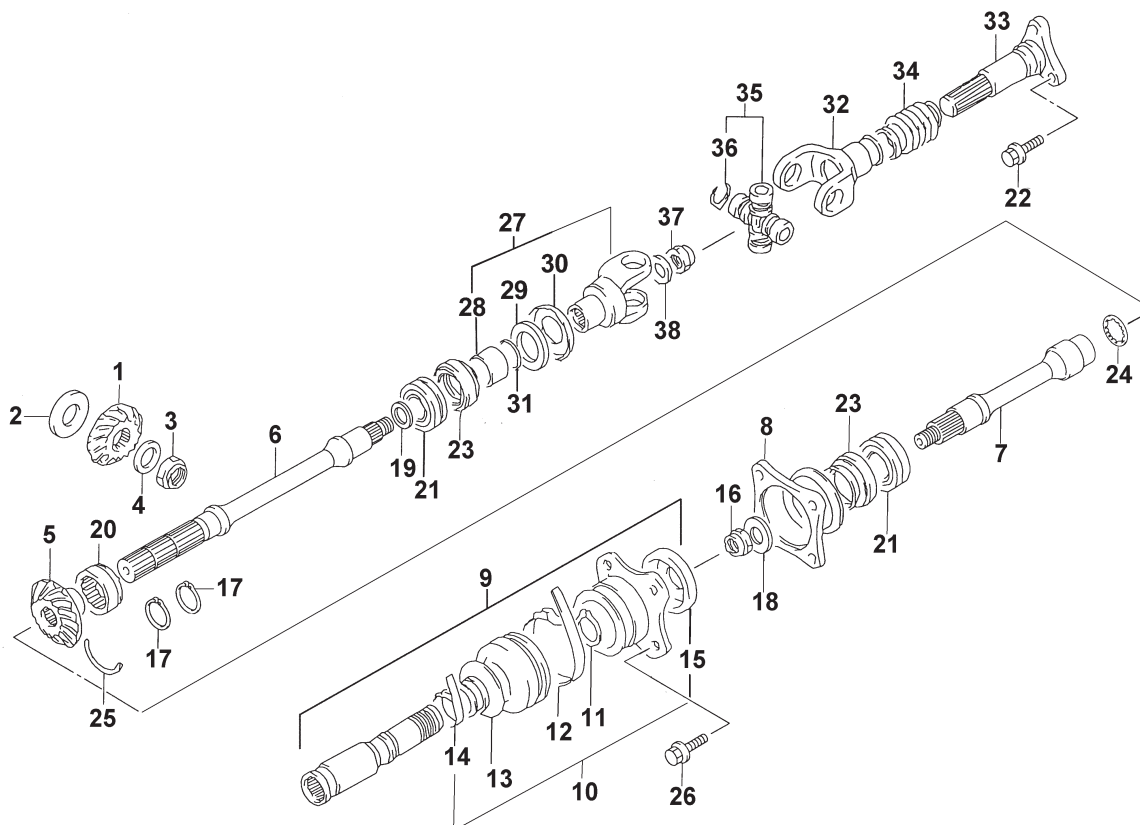


## SECONDARY TRANSMISSION ASSEMBLY

0735-618

| Ref. | Part No. | Qty. | Description                | Ref. | Part No. | Qty. | Description                  |
|------|----------|------|----------------------------|------|----------|------|------------------------------|
| 1    | 3402-524 | 1    | Driveshaft                 | 24   | 3004-552 | 2    | Screw, Bearing Retainer      |
| 2    | 3402-491 | 1    | Shaft, Output              | 25   | 3402-503 | 1    | Gear, Reverse Idle           |
| 3    | 3402-492 | 1    | Countershaft               | 26   | 3402-504 | 1    | Bushing, Reverse Idle Gear   |
| 4    | 3402-493 | 1    | Gear, Driven - Low         | 27   | 3402-505 | 1    | Gear, Reverse Driven         |
| 5    | 3402-494 | 3    | Bushing                    | 28   | 3402-506 | 1    | Dog, Reverse Gear            |
| 6    | 3402-495 | 1    | Gear, Driven - High        | 29   | 3423-146 | 1    | Washer, Drive Gear - Right   |
| 7    | 3402-496 | 1    | Dog, Sliding               | 30   | 3423-262 | 1    | Washer, Lock                 |
| 8    | 3402-497 | 1    | Gear, Drive - No. 2        | 31   | 3423-346 | 2    | Bolt, Gear Sleeve            |
| 9    | 3423-263 | 4    | Washer                     | 32   | 3423-266 | 1    | Washer, Lock                 |
| 10   | 3402-498 | 3    | Bearing                    | 33   | 3402-507 | 1    | Shaft, Reverse Idle          |
| 11   | 3402-499 | 1    | Bearing, Driveshaft        | 34   | 3402-195 | 2    | Washer, Reverse Idle Gear    |
| 12   | 3402-500 | 1    | Seal, Driveshaft           | 35   | 3423-410 | 1    | Retainer, Driveshaft Bearing |
| 13   | 3423-066 | 4    | Circlip                    | 36   | 3423-018 | 2    | Screw, Bearing Retainer      |
| 14   | 3423-144 | 1    | Washer, Driven Gear        | 37   | 3446-057 | 1    | Housing, Speedometer Gear    |
| 15   | 3003-261 | 1    | Bearing, Driveshaft - Left | 38   | 3446-058 | 1    | Sleeve                       |
| 16   | 3402-045 | 3    | Bearing, Shaft             | 39   | 3446-244 | 1    | Gasket                       |
| 17   | 3402-490 | 1    | Bearing, Driveshaft        | 40   | 3402-508 | 1    | Gear, Drive                  |
| 18   | 3423-411 | 1    | Washer, Drive Gear - Right | 41   | 3402-509 | 1    | Gear, Driven                 |
| 19   | 3423-412 | 1    | Washer, Drive Gear         | 42   | 3446-114 | 1    | Spacer, Driven Gear          |
| 20   | 3402-501 | 1    | Gear, Driven - No. 2       | 43   | 3423-143 | 1    | Bolt, Gear                   |
| 21   | 3423-145 | 1    | Washer, Drive Gear         | 44   | 3402-009 | 1    | Washer, Driven               |
| 22   | 3402-502 | 1    | Bearing, Output Shaft      | 45   | 3423-056 | 1    | O-Ring                       |
| 23   | 3446-031 | 2    | Retainer, Bearing          | 46   | 3402-077 | 1    | Seal, Driven Gear            |

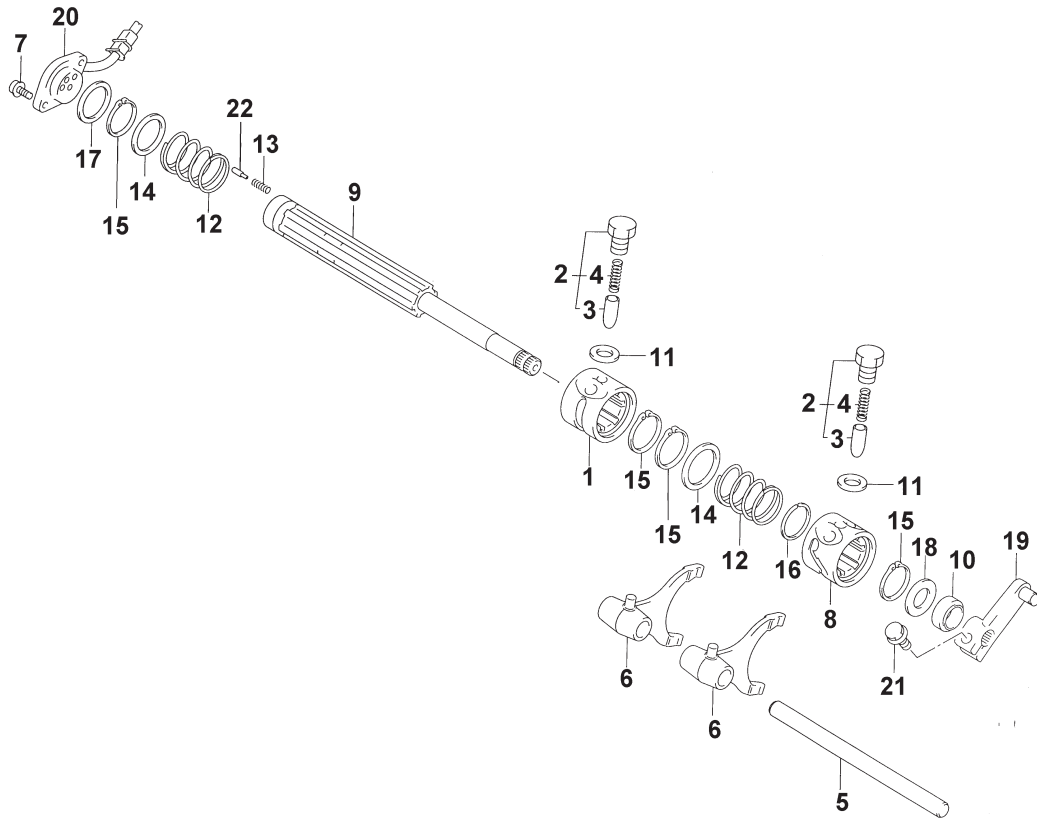
## 2001 ATV 500 cc Automatic Transmission



## SECONDARY DRIVE ASSEMBLY

0735-619

| Ref. | Part No. | Qty. | Description                                | Ref. | Part No. | Qty. | Description                             |
|------|----------|------|--------------------------------------------|------|----------|------|-----------------------------------------|
| 1    | 3402-510 | 1    | Gear, Secondary Drive                      |      | 3402-024 | AR   | Shim, 25 x 34 x 0.95 mm                 |
| 2    | 3446-035 | 1    | Shim, Secondary Drive Gear - Set           |      | 3402-025 | AR   | Shim, 25 x 34 x 1.00 mm                 |
| 3    | 3423-023 | 1    | Nut                                        |      | 3402-028 | AR   | Shim, 25 x 34 x 1.05 mm                 |
| 4    | 3005-372 | 1    | Washer                                     |      | 3402-029 | AR   | Shim, 25 x 34 x 1.10 mm                 |
| 5    | 3402-511 | 1    | Gear, Secondary Driven                     |      | 3402-030 | AR   | Shim, 25 x 34 x 1.15 mm                 |
| 6    | 3402-512 | 1    | Shaft, Secondary Driven - Front            |      | 3402-031 | AR   | Shim, 25 x 34 x 1.20 mm                 |
| 7    | 3402-513 | 1    | Shaft, Secondary Driven - Rear             | 20   | 3402-515 | 1    | Bearing, Driven Gear                    |
| 8    | 3402-514 | 1    | Flange, Output Joint - Rear                | 21   | 3402-067 | 2    | Bearing, Driven Shaft                   |
| 9    | 3435-010 | 1    | Joint, Rear Output - Assembly (inc. 10-15) | 22   | 8409-020 | 3    | Bolt, Propeller Shaft                   |
| 10   | 3435-066 | 1    | • Boot, Joint - Set (inc. 11-15)           | 23   | 3402-072 | 2    | Seal, Oil - Driven Shaft                |
| 11   | 3423-210 | 1    | •• Ring, Snap                              | 24   | 3423-415 | 1    | Washer, Driven Shaft                    |
| 12   | 3423-211 | 1    | •• Band                                    | 25   | 3423-072 | 1    | Ring, Driven Bearing                    |
| 13   | 3435-067 | 1    | •• Boot                                    | 26   | 8408-820 | 4    | Bolt, Output Joint - Rear               |
| 14   | 3423-212 | 1    | •• Band                                    | 27   | 3435-090 | 1    | Yoke, Drive Output - Front (inc. 28-31) |
| 15   | 3423-356 | 1    | •• Seal, Plate                             | 28   | 3435-029 | 1    | • Collar, Yoke                          |
| 16   | 3423-025 | 1    | Nut, Rear Output Joint                     | 29   | 3435-030 | 1    | • Plate, Yoke Collar                    |
| 17   | 3423-340 | 2    | Circlip, Secondary Driven Gear             | 30   | 3423-035 | 1    | • Plate, Yoke Collar                    |
| 18   | 3423-028 | 1    | Washer, Rear Output Flange                 | 31   | 3423-060 | 1    | • O-Ring, Yoke Collar                   |
| 19   | 3402-017 | AR   | Shim, 25 x 34 x 0.60 mm                    | 32   | 3402-516 | 1    | Yoke, Propeller Shaft Joint             |
|      | 3402-018 | AR   | Shim, 25 x 34 x 0.65 mm                    | 33   | 0502-161 | 1    | Shaft, Propeller                        |
|      | 3402-019 | AR   | Shim, 25 x 34 x 0.70 mm                    | 34   | 3402-518 | 1    | Boot, Propeller Shaft                   |
|      | 3402-020 | AR   | Shim, 25 x 34 x 0.75 mm                    | 35   | 3435-011 | 1    | Joint, Universal - Set (inc. 36)        |
|      | 3402-021 | AR   | Shim, 25 x 34 x 0.80 mm                    | 36   | 3423-067 | 4    | • Circlip, Universal Joint              |
|      | 3402-022 | AR   | Shim, 25 x 34 x 0.85 mm                    | 37   | 3423-025 | 1    | Nut, Yoke - Front                       |
|      | 3402-023 | AR   | Shim, 25 x 34 x 0.90 mm                    | 38   | 3423-028 | 1    | Washer, Yoke - Front                    |

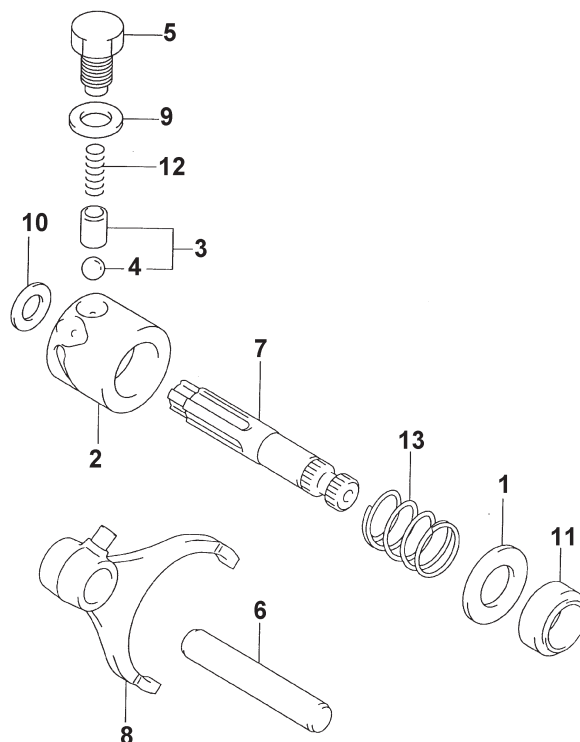


## GEAR SHIFT ASSEMBLY

0735-959

| Ref. | Part No. | Qty. | Description                   | Ref. | Part No. | Qty. | Description                 |
|------|----------|------|-------------------------------|------|----------|------|-----------------------------|
| 1    | 3446-264 | 1    | Cam, Gear Shift - Reverse     | 12   | 3446-104 | 2    | Spring, Shift Cam           |
| 2    | 3446-265 | 2    | Stopper, Shift Cam (inc. 3-4) | 13   | 3402-087 | 2    | Spring                      |
| 3    | 3446-242 | 2    | • Stopper                     | 14   | 3402-382 | 2    | Washer, Shift Cam Spring    |
| 4    | 3446-113 | 2    | • Spring                      | 15   | 3423-191 | 4    | Circlip, Shift Cam Spring   |
| 5    | 3446-266 | 1    | Shaft, Shift Fork             | 16   | 3423-416 | 1    | C-Ring, Cam Stop            |
| 6    | 3446-073 | 2    | Fork, Shift                   | 17   | 3423-421 | 1    | Washer, Shift Shaft         |
| 7    | 3423-418 | 2    | Bolt                          | 18   | 3423-417 | 1    | Washer, Shift Shaft         |
| 8    | 3446-267 | 1    | Cam, Gear Shift               | 19   | 3402-434 | 1    | Arm, Select                 |
| 9    | 3446-268 | 1    | Shaft, Gear Shift             | 20   | 3530-031 | 1    | Base, Gear Shift - Assembly |
| 10   | 3402-076 | 1    | Seal, Gear Shift              | 21   | 3004-341 | 1    | Bolt, Shift Lever           |
| 11   | 3402-012 | 2    | Gasket, Shift Cam Stopper     | 22   | 3423-044 | 2    | Contact                     |

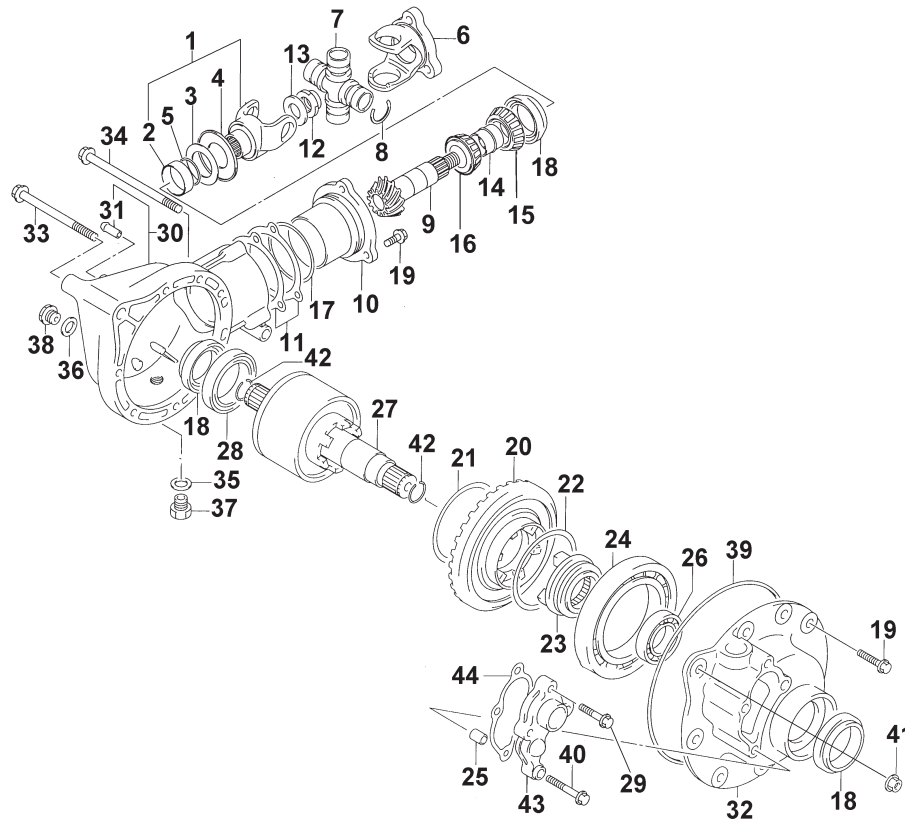
## 2001 ATV 500 cc Automatic Transmission



## SECONDARY GEAR SHIFT ASSEMBLY

0735-958

| Ref. | Part No. | Qty. | Description           | Ref. | Part No. | Qty. | Description         |
|------|----------|------|-----------------------|------|----------|------|---------------------|
| 1    | 3423-339 | 1    | Washer, Cam - Left    | 8    | 3446-205 | 1    | Fork, Shift         |
| 2    | 3446-203 | 1    | Cam, Select           | 9    | 3402-012 | 1    | Gasket, Cam Stopper |
| 3    | 3446-119 | 1    | Stopper, Cam (inc. 4) | 10   | 3423-300 | 1    | Washer, Cam         |
| 4    | 3446-118 | 1    | ● Ball, Steel         | 11   | 3402-076 | 1    | Seal, Oil - Cam     |
| 5    | 3446-046 | 1    | Housing, Cam Stopper  | 12   | 3402-089 | 1    | Spring, Cam Stopper |
| 6    | 3446-202 | 1    | Shaft, Shift Fork     | 13   | 3402-311 | 1    | Spring, Cam         |
| 7    | 3446-204 | 1    | Camshaft              |      |          |      |                     |

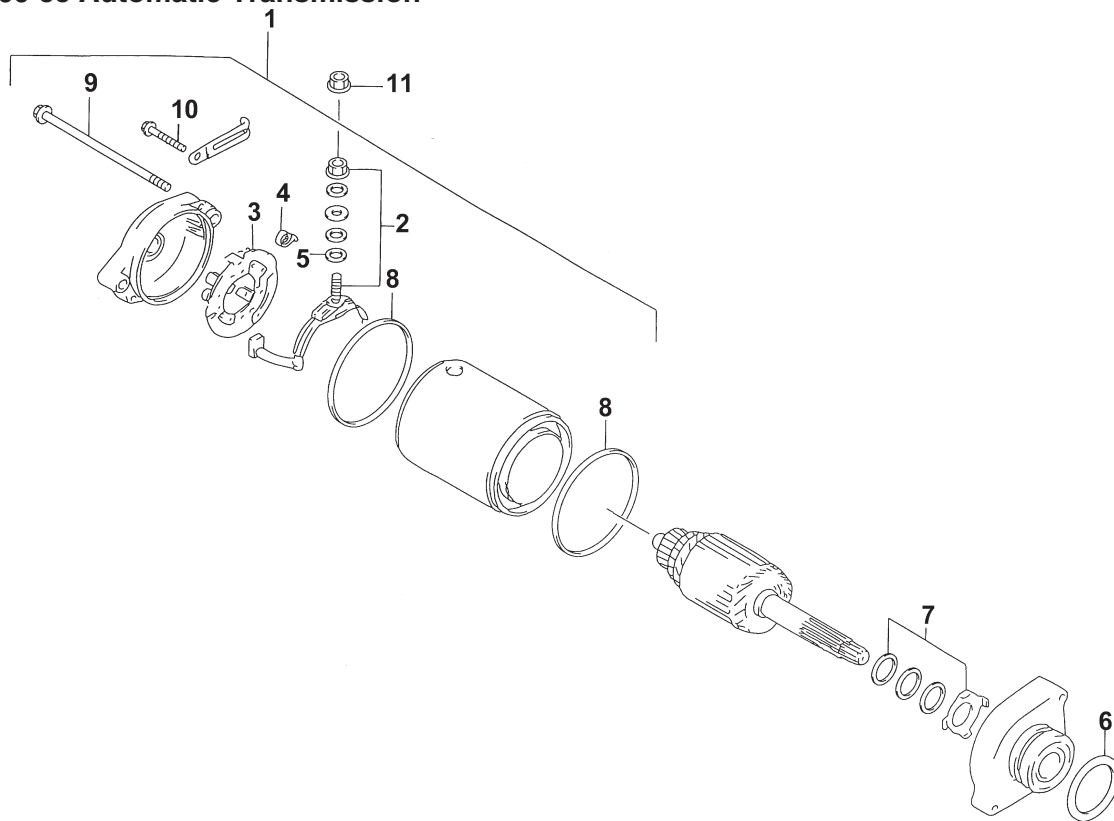


## FINAL BEVEL GEAR ASSEMBLY (Front)

0735-622

| Ref. | Part No. | Qty. | Description                       | Ref. | Part No. | Qty. | Description                           |
|------|----------|------|-----------------------------------|------|----------|------|---------------------------------------|
| 1    | 3435-090 | 1    | Yoke, Drive Bevel Gear (inc. 2-5) | 23   | 3435-075 | 1    | Dog, Differential Lock                |
| 2    | 3435-029 | 1    | • Collar, Yoke                    | 24   | 3402-059 | 1    | Bearing, Driven Bevel                 |
| 3    | 3435-030 | 1    | • Plate, Yoke                     | 25   | 3005-206 | 2    | Pin, Dowel                            |
| 4    | 3435-035 | 1    | • Plate, Yoke Collar              | 26   | 3402-185 | 1    | Bearing, Driven Output Shaft          |
| 5    | 3423-060 | 1    | • O-Ring, Yoke Collar             | 27   | 3435-093 | 1    | Differential Assembly                 |
| 6    | 3435-091 | 1    | Yoke, Propeller Shaft             | 28   | 3402-057 | 1    | Bearing, Differential Case - Right    |
| 7    | 3435-011 | 1    | Joint, Universal - Set            | 29   | 3004-756 | 2    | Bolt, Case Cover                      |
| 8    | 3423-067 | 4    | Circlip, Universal Joint          | 30   | 3435-024 | 1    | Housing, Differential Gear (inc. 31)  |
| 9    | 3435-092 | 1    | Gear, Drive Bevel                 | 31   | 3402-084 | 1    | • Union, Breather                     |
| 10   | 3435-021 | 1    | Housing, Drive Bevel Gear         | 32   | 3435-078 | 1    | Case, Driven Gear Bearing             |
| 11   | 3435-022 | 1    | Shim Set                          | 33   | 3423-010 | 1    | Bolt, Mounting - Differential Housing |
| 12   | 3423-178 | 1    | Nut, Drive Bevel Gear             | 34   | 3423-419 | 1    | Bolt, Mounting - Differential Housing |
| 13   | 3423-028 | 1    | Washer, Drive Bevel Gear          | 35   | 3402-012 | 1    | Gasket, Oil Drain Plug - Gear         |
| 14   | 3402-016 | 1    | Spacer, Drive Bevel Gear          | 36   | 3402-013 | 1    | Gasket, Oil Filler Plug - Gear        |
| 15   | 3402-066 | 1    | Bearing, Drive Bevel Gear         | 37   | 3402-036 | 1    | Plug, Oil Drain - Gear                |
| 16   | 3402-065 | 1    | Bearing, Drive Bevel Gear         | 38   | 3423-180 | 1    | Plug, Oil Filler - Gear               |
| 17   | 3423-064 | 1    | O-Ring, Drive Bevel Gear Housing  | 39   | 3423-050 | 1    | O-Ring, Driven Gear Bearing Case      |
| 18   | 3402-072 | 3    | Seal                              | 40   | 0693-327 | 2    | Bolt, Case Cover                      |
| 19   | 3423-175 | 9    | Bolt                              | 41   | 3423-341 | 2    | Nut, Mounting - Differential Housing  |
| 20   | 3402-519 | 1    | Gear, Driven Bevel                | 42   | 3423-070 | 2    | Ring, Driveshaft                      |
| 21   | 3435-017 | 1    | Shim Set - Gear                   | 43   | 3435-079 | 1    | Cover, Driven Gear Case               |
| 22   | 3435-020 | 1    | Shim Set - Bearing                | 44   | 3402-323 | 1    | Gasket, Case Cover                    |

## 2001 ATV 500 cc Automatic Transmission



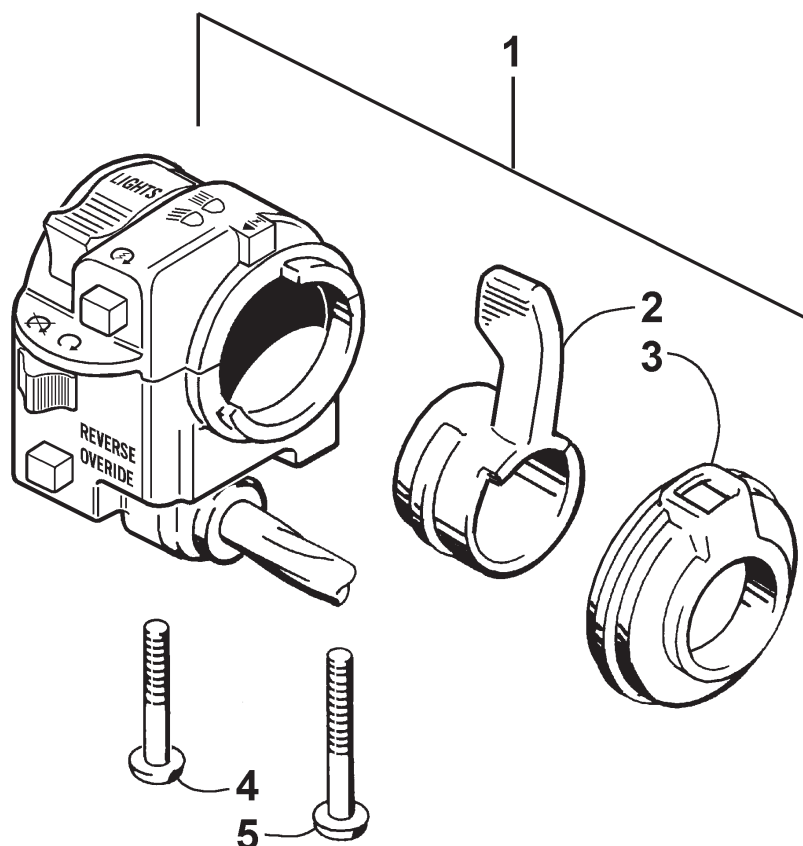
## STARTER MOTOR ASSEMBLY

0735-623

| Ref. | Part No. | Qty. | Description                        | Ref. | Part No. | Qty. | Description  |
|------|----------|------|------------------------------------|------|----------|------|--------------|
| 1    | 3545-015 | 1    | Motor, Starter Assembly (inc. 2-9) | 7    | 3436-001 | 1    | • Washer Set |
| 2    | 3008-094 | 1    | • Terminal Set, Brush              | 8    | 3008-553 | 2    | • O-Ring     |
| 3    | 3008-095 | 1    | • Holder Set, Brush                | 9    | 3423-085 | 2    | • Bolt       |
| 4    | 3008-096 | 4    | • Spring, Brush                    | 10   | 3423-162 | 2    | Bolt         |
| 5    | 3008-164 | 1    | • O-Ring                           | 11   | 3423-195 | 1    | Nut          |
| 6    | 3423-084 | 1    | • O-Ring                           |      |          |      |              |

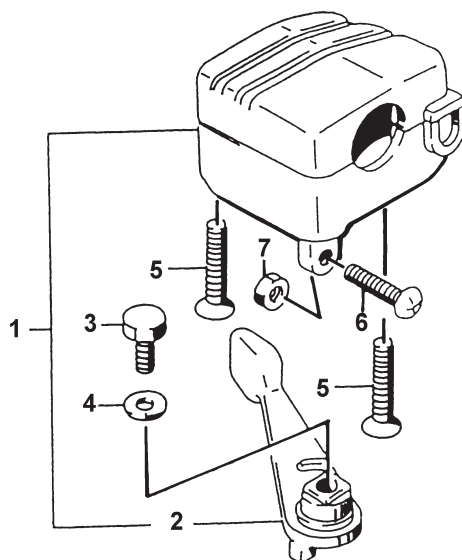


| Ref. | Part No. | Qty. | Description     | Ref. | Part No. | Qty. | Description            |
|------|----------|------|-----------------|------|----------|------|------------------------|
| 1    | 3430-045 | 1    | Stator Assembly | 6    | 3423-005 | 3    | Bolt                   |
| 2    | 3430-046 | 1    | Rotor/Flywheel  | 7    | 3430-005 | 1    | Clamp, Magneto (No. 1) |
| 3    | 3423-162 | 3    | Bolt, Magneto   | 8    | 3430-006 | 1    | Clamp, Magneto (No. 2) |
| 4    | 0691-785 | 1    | Key, Magneto    | 9    | 3002-964 | 1    | Clamp, Wire            |
| 5    | 3423-086 | 1    | Nut, Magneto    |      |          |      |                        |



## 0736-110

| Ref. | Part No.        | Qty. | Description                           | Ref. | Part No.        | Qty. | Description  |
|------|-----------------|------|---------------------------------------|------|-----------------|------|--------------|
| 1    | <u>0409-022</u> | 1    | Switch, Control - Assembly (inc. 2-5) | 4    | <u>0409-027</u> | 1    | • Screw, Cap |
| 2    | <u>0409-025</u> | 1    | • Lever, Choke                        | 5    | <u>0409-028</u> | 1    | • Screw      |
| 3    | <u>0409-026</u> | 1    | • Cover, Choke Lever                  |      |                 |      |              |



## THROTTLE CONTROL ASSEMBLY

0735-624

| Ref. | Part No. | Qty. | Description                             | Ref. | Part No. | Qty. | Description |
|------|----------|------|-----------------------------------------|------|----------|------|-------------|
| 1    | 3509-003 | 1    | Control, Throttle - Assembly (inc. 2-7) | 5    | 3423-199 | 2    | • Screw     |
| 2    | 3409-001 | 1    | • Lever                                 | 6    | 3423-014 | 1    | • Screw     |
| 3    | 3423-420 | 1    | • Bolt                                  | 7    | 3423-327 | 1    | • Nut       |
| 4    | 0693-490 | 1    | • Washer, Lock                          |      |          |      |             |

## Related Items

### 2001 ATV 500 cc Automatic Transmission

(Model No. A2001ATM4BUSR - Red) (Model No. A2001ATM4BUSG - Green)

|          |                                                       |          |                                                       |
|----------|-------------------------------------------------------|----------|-------------------------------------------------------|
| 0436-143 | Bag, Rack, Front, Black                               | 0436-287 | Snowplow Blade, 50 in. -<br>One-Way (use w/0436-288)  |
| 0436-142 | Bag, Rack, Rear, Black                                | 0436-296 | Snowplow Blade, 60 in. -<br>Straight (use w/0436-288) |
| 0436-185 | Bag, Tank, Black                                      | 0436-288 | Snowplow Mount                                        |
| 0436-183 | Battery, Heavy Duty                                   | 0436-233 | Snowplow Remote Angle Adjust                          |
| 0436-139 | Cargo Trailer - Deluxe                                | 0436-249 | Snowplow, Hand Lift Lever Kit                         |
| 0436-010 | Cover, Black and Green                                | 0436-026 | Tire Chains, Size B                                   |
| 0436-125 | Cover, Gray Universal                                 | 0436-027 | Tire Chains, Size C (26x10.5-12 Tires)                |
| 0436-304 | CV Joint Protectors, Deluxe (Front)                   | 0402-154 | Tire, Titan AT471 (25x8-12, Deep Lug)                 |
| 0436-087 | Electrical Plug                                       | 0402-155 | Tire, Titan AT471<br>(25x10-12, Deep Lug)             |
| 0436-035 | Engine Block Heater                                   | 0402-319 | Tire, Titan AT489A (25x10-12)                         |
| 0436-199 | Gun Scabbard w/Mount                                  | 0402-318 | Tire, Titan AT489A (25x8-12)                          |
| 0436-049 | Handwarmers                                           | 0402-227 | Tire, Titan AT495 (26x10.5-12)                        |
| 0436-103 | Hourmeter                                             | 0402-563 | Tire, Titan AT589<br>(25x10-12, Mud & Snow)           |
| 2256-385 | 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                                  | 0436-242 | Winch Mounting Kit                                    |
| 0436-176 | 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                            |
| 0436-204 | Rack Pouch, Deluxe Rack, Black                        |          |                                                       |
| 0436-014 | Safety Flag                                           |          |                                                       |
| 0436-168 | Shock Covers, Front                                   |          |                                                       |
| 0436-228 | Snowplow Blade, 50 in. -<br>Straight (use w/0436-288) |          |                                                       |

