



**ATV
Illustrated Parts Manual**

ATV 300 ACE

2005

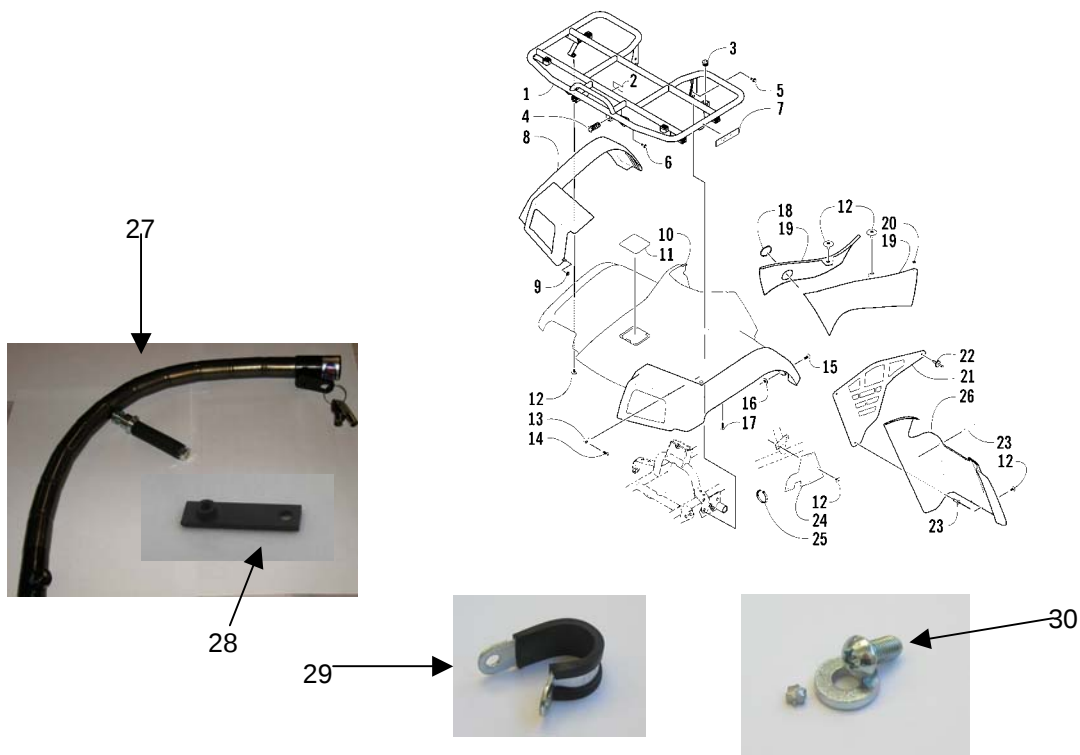
ARCTIC CAT®



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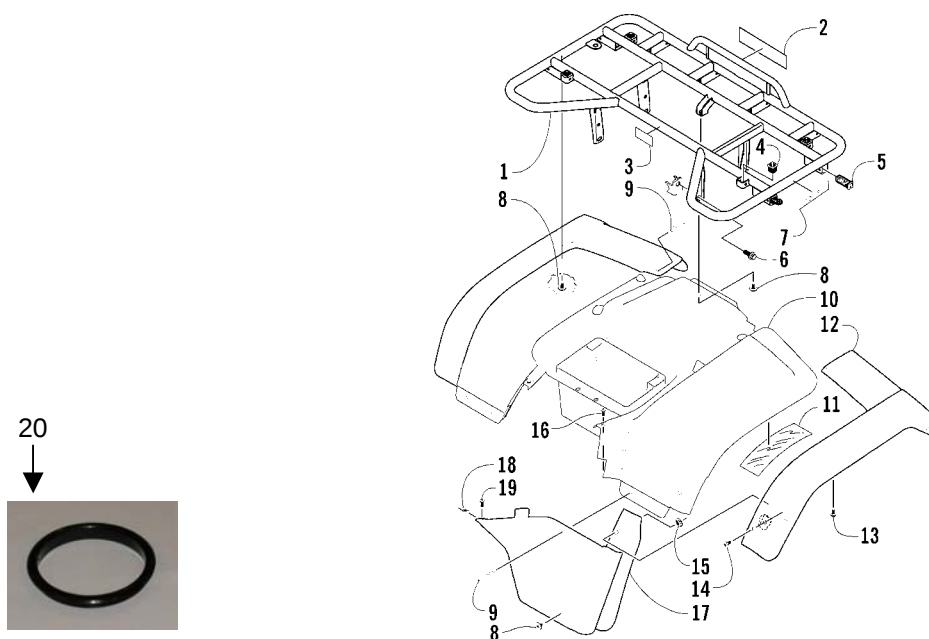
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2005 model year.



FRONT BODY PANEL ASSEMBLY

0739-437

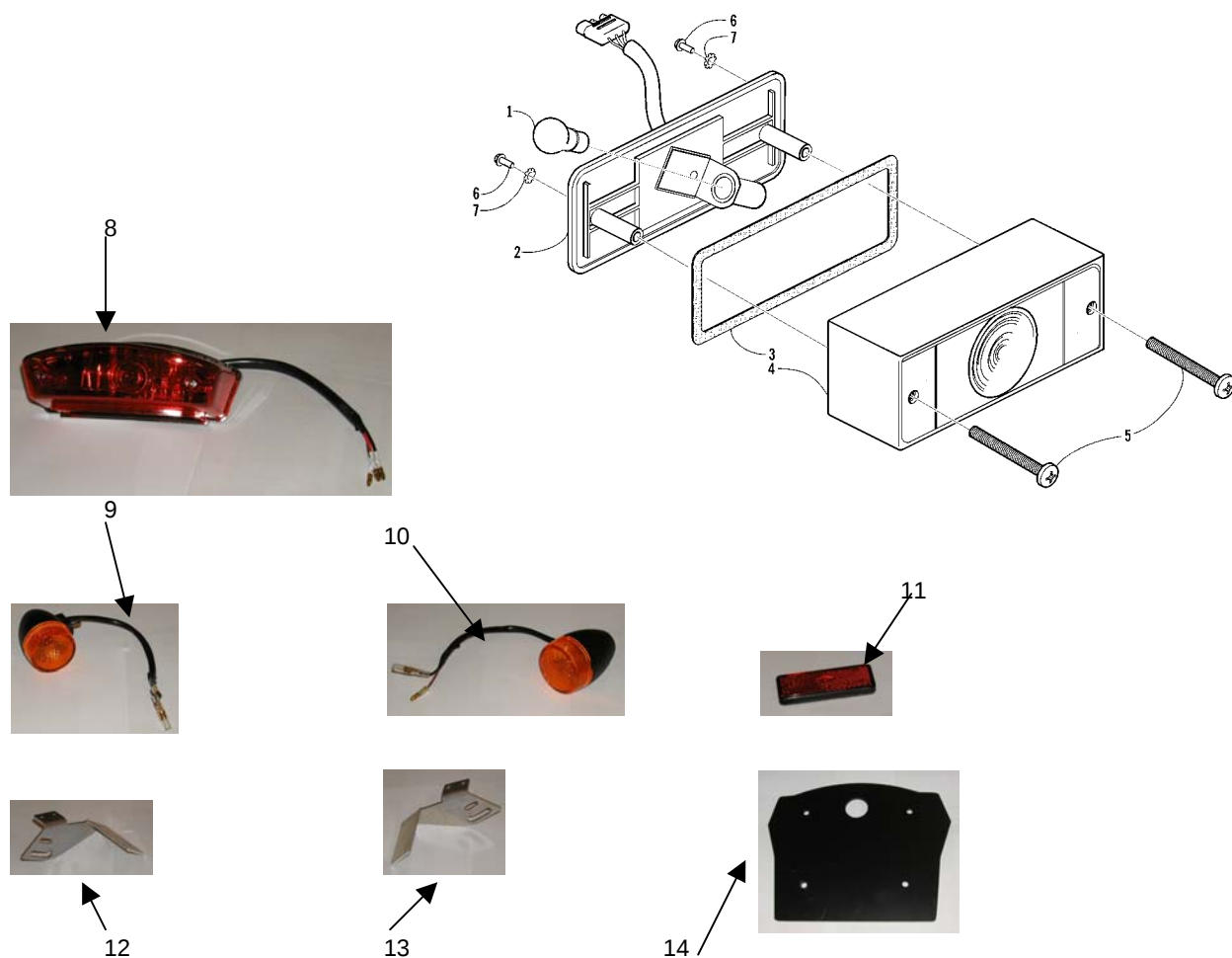
Ref.	Part No.	Qty	Description	Ref.	Part No.	Qty.	Description
1	<u>0541-267</u>	1	Rack – Front – Assembly (inc. 2-4)	15	0423-356	2	Screw, Shoulder
2	0411-576	1	● Decal, Warning – Front Rack Load	16	0423-438	2	T-Nut
3	0441-592	4	● Bushing, Rack	17	0423-342	6	Screw, Self-Tapping
4	0441-556	6	● Bushing, Rack	18	0470-404	1	Grommet, Fuel Shut-Off Valve
5	8408-816	2	Screw, Cap	19	0506-548	1	Panel, Side – Right
6	0423-360	2	Screw, Cap		0506-243	1	Panel, Side – Left
7	0411-646	2	Decal, Reflector – Amber		0506-549	1	Panel, Side – Right (Green)
8	0506-550	1	Flare – Front – Right		0506-673	1	Panel, Side – Left (Green)
	0506-551	1	Flare – Front – Left	20	0123-010	2	Nut, Expansion
9	0423-357	2	Nut, Stamped	21	0406-374	2	Panel, Deflector
10	<u>1506-477</u>	1	Panel, Fender – Front (inc. 11)	22	0623-362	2	Rivet, Reinstallable
	<u>1506-476</u>	1	Panel, Fender – Front (inc. 11) Green	23	0423-046	AR	Rivet, Plastic
11	1406-142	1	● Cover, Access	24	1406-045	2	Fender, Panel – Inner
	1406-141	1	● Cover, Access (Green)	25	0123-788	AR	Cable, Tie – 7.5 in.
12	0423-101	AR	Screw, Machine	26	0506-625	1	Panel, Kick – Right
13	0423-031	2	Nut, Speed		0506-627	1	Panel, Kick – Left
14	8477-616	2	Screw, Machine				
Homologated ATV's							
27	AC000-790	1	Anti theft device	29	AC008-791	1	Clamp 25mm, anti theft d.
28	AC000-793	1	Bracket anti theft device	30	AC008-795	1	Star screw



REAR BODY PANEL ASSEMBLY

0739-438

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0541-268</u>	1	Rack – Rear – Assembly (inc. 2-5)	11	0619-230	AR	Tape, Foil
2	<u>0411-814</u>	1	● Decal, “Arctic Cat”	12	0506-552	1	Flare – Rear – Right
3	<u>0411-648</u>	1	● Decal, Warning – Rear Rack Load		0506-553	1	Flare – Rear – Left
4	0441-592	4	● Bushing Rack	13	0423-342	AR	Screw, Self-Tapping
5	0441-556	8	● Bushing Rack	14	0423-355	2	Screw, Shoulder
6	8409-020	4	Screw, Cap	15	0423-438	2	T-Nut
7	0411-647	2	Decal, Reflector – Red	16	0423-068	2	Screw, Machine
8	0423-101	AR	Screw, Machine	17	0406-084	1	Fender Extension – Rear – Right
9	0423-046	AR	Rivet, Plastic		0406-085	1	Fender Extension – Rear – Left
10	0506-583	1	Panel, Fender – Rear	18	0423-060	2	Clip, Tinerman
	0506-588	1	Panel, Fender – Rear (Green)	19	0623-309	2	Screw, Self-Tapping
Homologated ATV's							
20	0470-404	2	grommet				

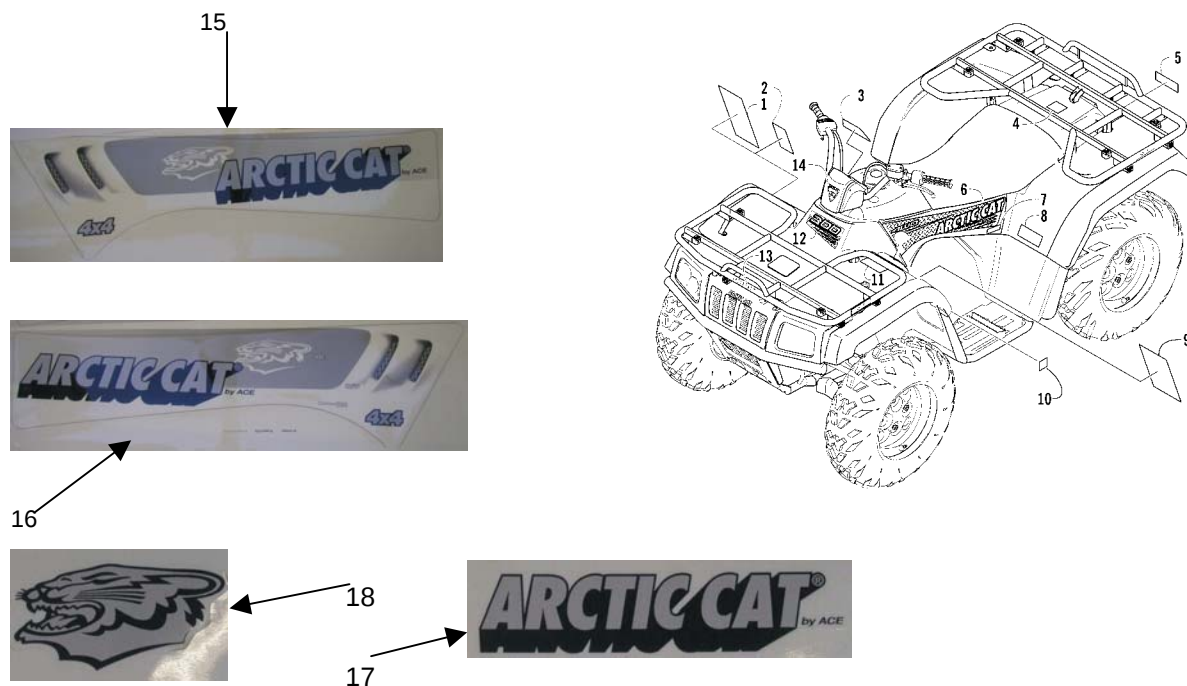


TAILLIGHT ASSEMBLY

(Complete Taillight Assembly p/n 0409-002)

0732-336

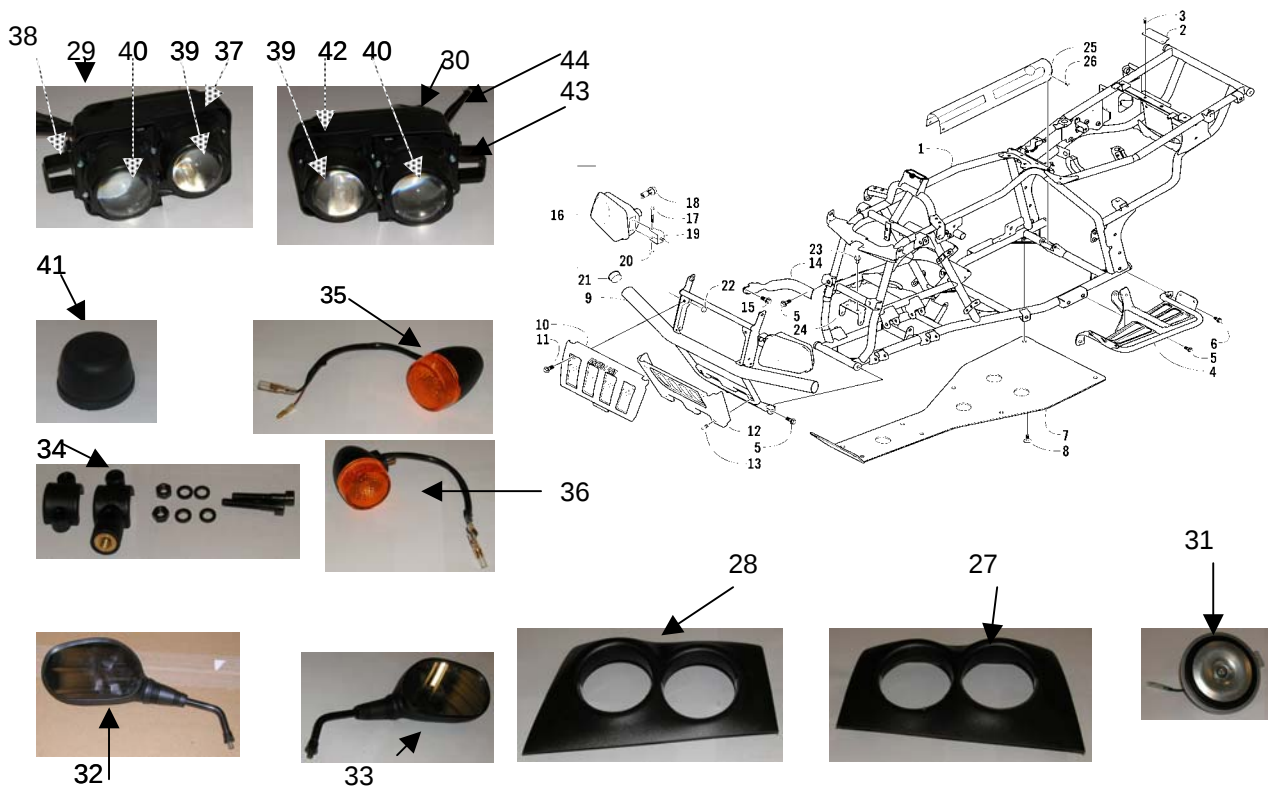
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0109-460	1	Bulb, Stop/Taillight	5	0409-010	2	Screw, Machine
2	0409-058	1	Taillight w/Socket Assembly	6	0623-301	2	Screw, Self-Tapping
3	0409-012	1	Gasket, Taillight Lens	7	8053-212	2	Washer, Lock – External Tooth
4	0409-007	1	Lens, Taillight				
Homologated ATV's							
8	AC000-079	1	Taillight new	12	AC000-224	1	Bracket indicator, right
9	AC000-145	1	Indicator, left	13	AC000-225	1	Bracket indicator, left
10	AC000-146	1	Indicator, right	14	AC000-230	1	Bracket plate number
11	AC000-139	2	reflector				



DECALS

0739-451

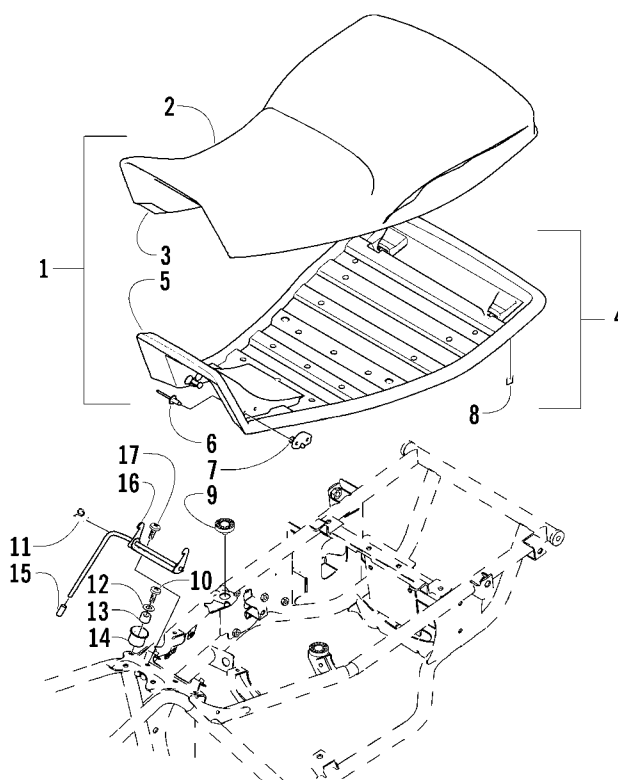
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0411-008	1	Decal, Warning – Reverse/Pre-Ride	7	0411-586	1	Decal, Hi/Low Range
2	<u>0411-835</u>	1	Decal, Warning – Turn	8	0411-430	1	Decal, Warning – Tire Pressure
3	<u>0411-786</u>	1	Decal, Console	9	0411-218	1	Decal, Warning – General
	<u>0411-787</u>	1	Decal, Console (Green)	10	0411-086	1	Decal, Shift Pattern
4	0411-435	1	Decal, Passenger	11	0411-401	1	Decal, Warning – Age
5	0411-269	1	Decal, Warning – Towing	12	<u>0411-768</u>	1	Decal, Front
6	<u>0411-774</u>	1	Decal, Side – Right		<u>0411-769</u>	1	Decal, Front (Green)
	<u>0411-775</u>	1	Decal, Side – Left	13	<u>0411-965</u>	1	Decal, “Speedrack”
	<u>0411-776</u>	1	Decal, Side – Right (Green)	14	<u>0411-780</u>	1	Decal, Crest
	<u>0411-777</u>	1	Decal, Side – Left (Green)		0411-781	1	Decal, Crest (Green)
Homologated ATV'S				17	AC000-642	1	Decal front Tiger
15	AC000-640	1	Decal side ACE LH	18	AC000-643	1	Decal front Logo
16	AC000-641	1	Decal side ACE RH				



FRAME AND RELATED PARTS

0737-752

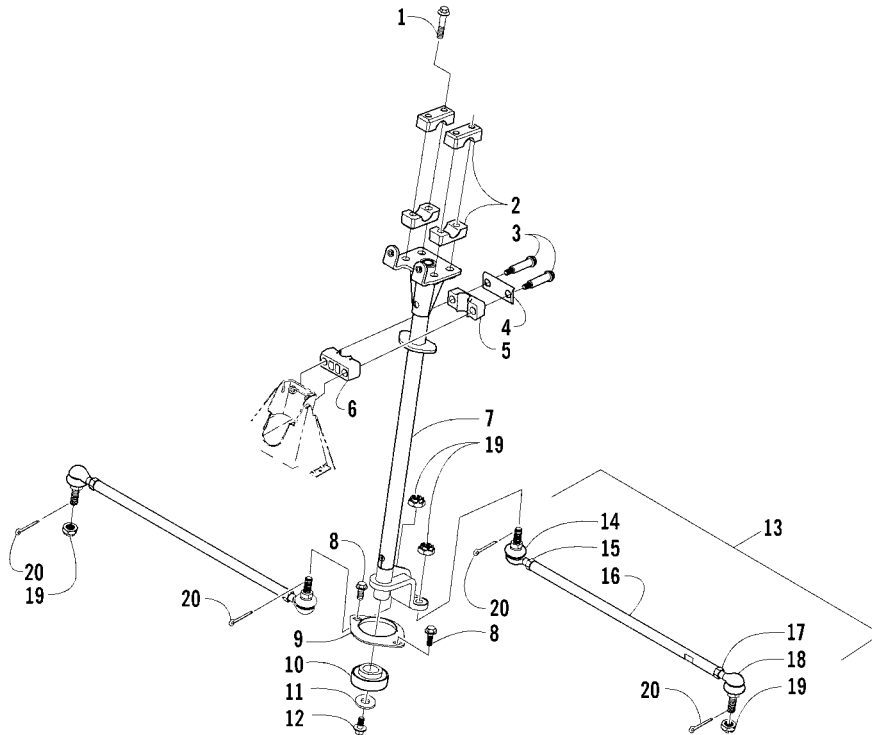
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0506-574	1	Frame, Main	14	0506-964	2	Channel, Bumper
2	0506-962	1	Bracket, Body Hold-Down	15	8408-812	2	Screw, Cap
3	8476-616	2	Screw, Machine	16	0409-032	1	Headlight – Right (inc.17-20)
4	0506-959	1	Footrest – Right		0409-031	1	Headlight – Left (inc.17-20)
	0506-217	1	Footrest – Left	17	8410-860	2	● Screw, Cap
5	8409-020	8	Screw, Cap	18	0409-045	4	● Bulb, Headlight
6	8408-816	4	Screw, Cap	19	0406-945	2	● Bracket, Headlight
7	0406-894	1	Panel, Belly	20	0423-375	2	● Nut, Lock
8	0423-101	10	Screw, Body	21	0406-130	2	Cap, Bumper
9	0506-520	1	Bumper	22	8424-802	2	Nut
10	0406-832	1	Grille, Upper	23	8408-820	2	Screw, Cap
11	0423-361	2	Screw, Machine	24	0506-210	1	Bracket, Front Differential
12	1406-420	1	Grille, Lower	25	0506-963	1	Cover, Front Differential
13	0423-362	4	Screw, Machine	26	8471-610	4	Screw, Cap
Homologated ATV's				37	AC000-071	1	Headlight interior tray right
27	AC000-066	1	Orifice headlight round right	38	AC000-074	1	Bracket, headlight, right
28	AC000-067	1	Orifice headlight round left	39	AC000-135	1	Headlight high beam
29	AC000-243	1	Headlight assy. Right (incl. 37-41)	40	AC000-136	1	Headlight low beam
30	AC000-244	1	Headlight assy. Left (incl. 39-41, 42-44)	41	AC000-138	2	rubber
31	AC000-158	1	Horn	42	AC000-072	1	Headlight interior tray left
32	AC000-751	1	Mirror left	43	AC000-073	1	Bracket, headlight new, left
33	AC000-752	1	Mirror right	44	AC000-227	1	Harness headlight
34	AC000-754	1	Mirror mounting right				
35	AC000-146	1	Indicator, left				
36	AC000-145	1	Indicator, right				



SEAT ASSEMBLY

0737-462 *Not a Service Part

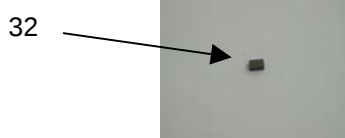
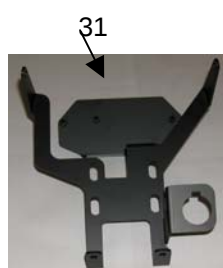
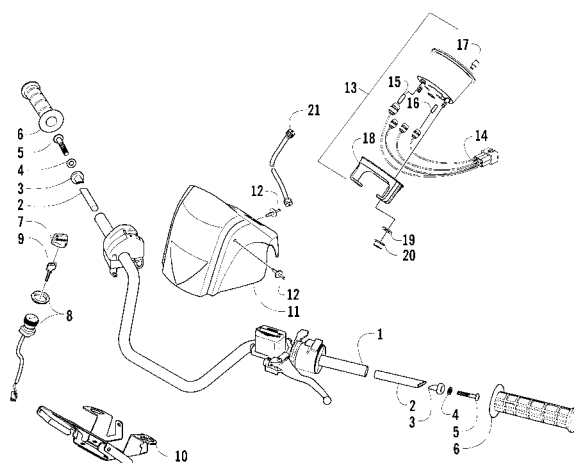
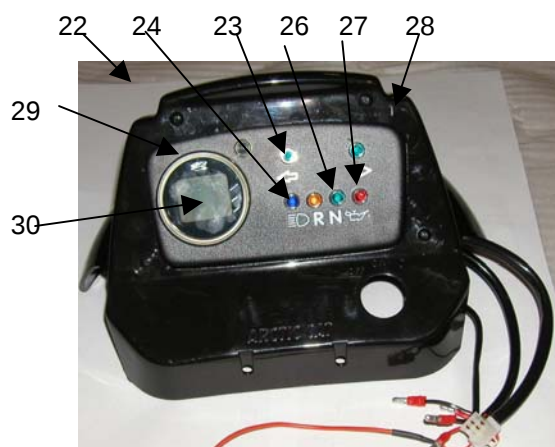
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1506-182	1	Seat Assembly (inc. 2-8)	10	8476-620	2	Screw, Cap
2	0406-404	1	● Cover, Seat	11	0406-235	1	Spring, Seat Latch
3	0506-291	1	● Foam, Seat	12	8050-217	2	Washer
4	0506-223	1	● Base, Seat – Assembly (inc. 5-7)	13	0406-199	2	Collar, 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	1506-057	2	● ● Pin, Seat-Base – Front	16	1506-056	1	Latch, Seat – Assembly
8	0624-528	AR	● Staple	17	8476-616	2	Screw, Machine
9	0406-309	2	Grommet, Seat - Center				



STEERING POST ASSEMBLY

0739-452

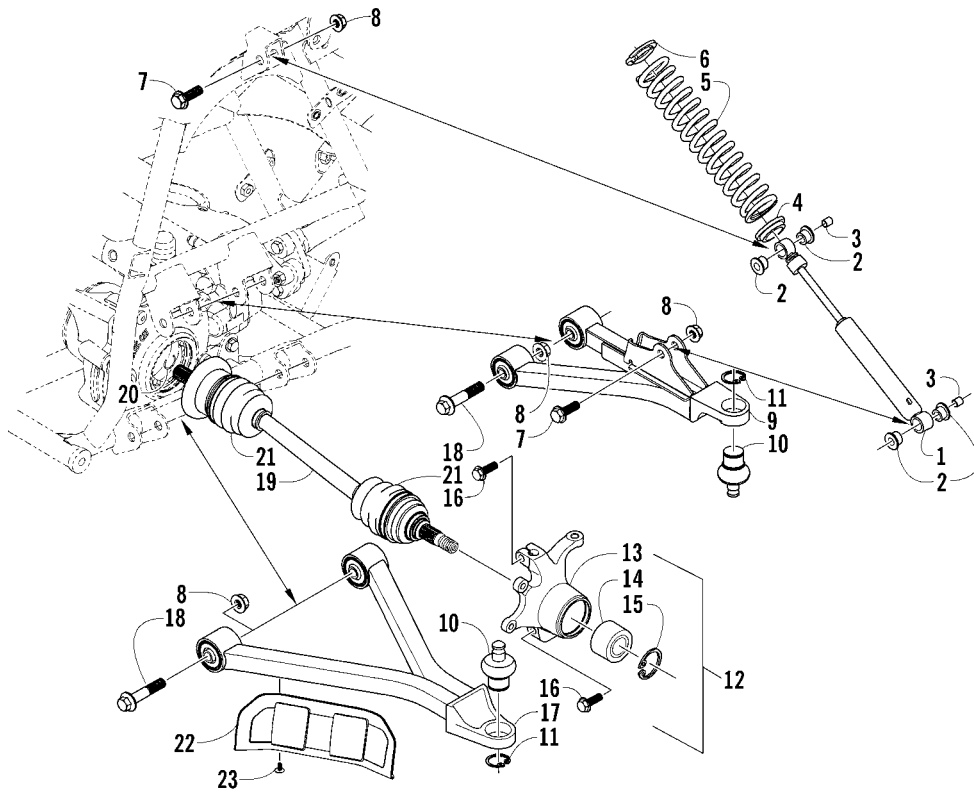
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	11	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	12	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	13	0505-072	2	Tie Rod – Assembly (inc. 14-18)
4	0405-166	1	Cap. Housing	14	0405-083	2	● Ball Joint, Tie Rod – Left
5	0405-138	1	Housing, Lower	15	0423-013	2	● Nut – Left
6	0405-139	1	Housing, Upper	16	0405-032	2	● Tie Rod
7	0505-431	1	Post Steering	17	8420-002	2	● Nut – Right
8	8408-816	2	Screw, Cap	18	0405-082	2	● Ball Joint, Tie Rod – Right
9	0602-233	1	Flange, Bearing	19	0423-157	4	Nut, Top Lock
10	0405-052	1	Bearing w/Inverted Oil Seal	20	0623-175	4	Pin, Cotter



HANDLEBAR ASSEMBLY

0739-462

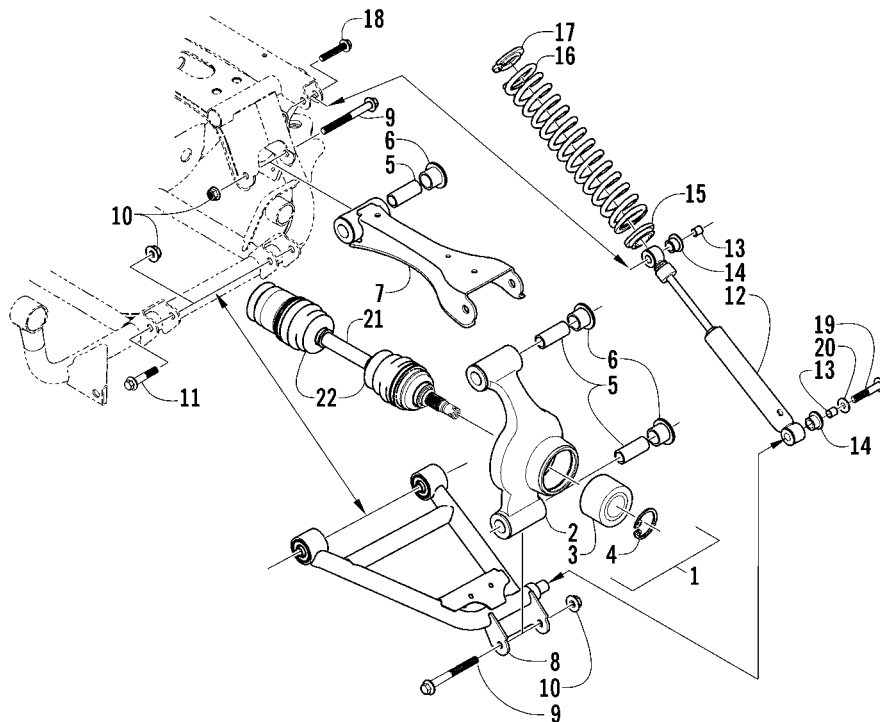
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-427	1	Tube, Handlebar	11	<u>0405-144</u>	1	Instrument Pod
2	0405-148	2	Plug, Handlebar		<u>0405-143</u>	1	Instrument Pod (Green)
3	0405-149	2	End Cap, Handlebar	12	0623-362	4	Rivet, Reinstallable
4	8050-247	2	Washer	13	<u>0420-050</u>	1	Speedometer (inc. 14-17)
5	8477-845	2	Screw, Machine	14	<u>0509-031</u>	1	● Harness Speedometer (inc. 15-16)
6	<u>0405-147</u>	2	Grip, Handlebar	15	0620-149	1	● ● Bulb, Instrument
7	0409-013	1	Cover, Key	16	0609-078	3	● ● Bulb, Indicator
8	3430-040	1	Switch, Ignition – Assembly (inc. 9)	17	<u>0409-063</u>	1	● Knob, Tripmeter
9	3409-007	1	● Key, Ignition – Blank (C Series)	18	<u>1506-577</u>	1	Bracket, Retaining – Speedometer
	3409-011	1	● Key, Ignition – Blank (D Series)	19	8050-217	2	Washer
	3409-012	1	● Key, Ignition – Blank (E Series)	20	0623-038	2	Nut
	3409-013	1	● Key, Ignition – Blank (F Series)	21	0487-025	1	Cable, Speedometer
10	<u>1506-434</u>	1	Bracket, Mounting – Instrument Pod				
Homologated ATV's							
22	AC000-240	1	Pod speedo assy (incl. 23-30)	28	● 0405-121	1	Pod instrument black
23	● AC000-151	2	Control indicator	29	● AC000-019	1	Orifice speedometer Modell 300er ACE
24	● AC000-014	1	Control light blue	30	● AC000-091	1	Digital speedometer New
25	● AC000-015	1	Control light green	31	AC000-798	1	Bracket speedometer head
26	● AC000-016	1	Control light orange	32	AC000-020	1	Magnet mod (300)
27	● AC000-017	1	Control light red				



FRONT SUSPENSION ASSEMBLY

0739-461

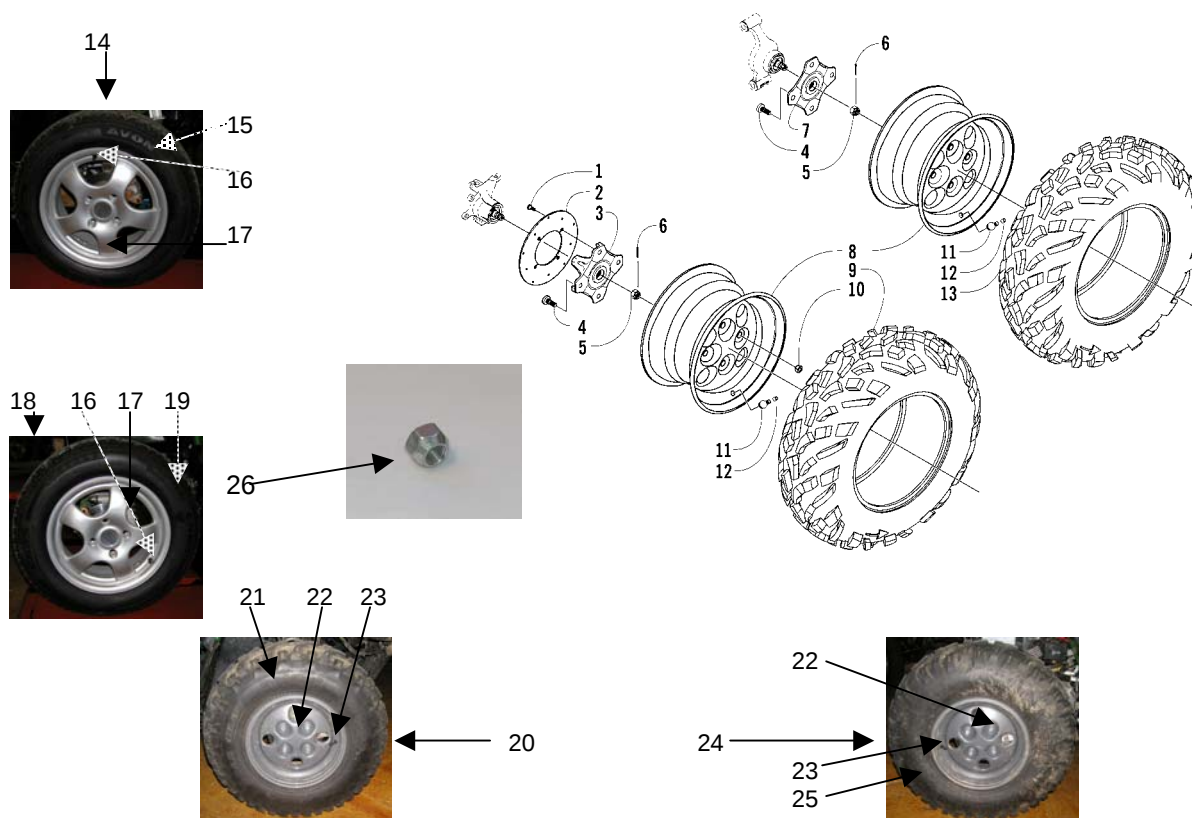
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0403-015	2	Shock Absorber – Front (inc. 2-3)	13	<u>0505-444</u>	1	● Knuckle, Steering – Right
2	0604-310	8	● Bushing, Shock Absorber		<u>0505-445</u>	1	● Knuckle, Steering – Left
3	0403-028	4	● Sleeve, Shock	14	<u>1402-027</u>	2	● Bearing, Wheel Hub – Front
4	0403-104	2	Retainer, Spring – Lower	15	0423-423	2	● Ring, Retainer
5	0403-022	2	Spring, Shock Absorber – Black	16	8409-030	4	Screw, Cap
6	1603-889	2	Retainer, Spring	17	0503-188	1	A-Arm, Lower Right (inc. 10-11)
7	8409-040	4	Screw, Cap		0503-189	1	A-Arm, Lower Left (inc. 10-11)
8	8428-002	12	Nut, Lock	18	8409-060	8	Screw, Cap
9	0503-184	1	A-Arm, Upper Right – Assembly (inc. 10-11)	19	<u>0502-539</u>	2	Axle, Drive – Front (inc. 20-21)
	0503-185	1	A-Arm, Upper Left – Assembly (inc. 10-11)	20	0441-400	2	● Clip, Retaining
10	0405-115	4	● Ball Joint – Front	21	0436-276	2	● Repair Kit, Boot – Front Axle
11	0423-009	4	● Clip, Ball Joint	22	0406-656	2	Guard, Boot – Front Axle
12	<u>0505-446</u>	1	Knuckle – Assembly – Right (inc. 13-15)	23	0423-101	4	Screw, Body
	<u>0505-447</u>	1	Knuckle – Assembly – Left (inc. 13-15)				



REAR SUSPENSION ASSEMBLY

0739-463

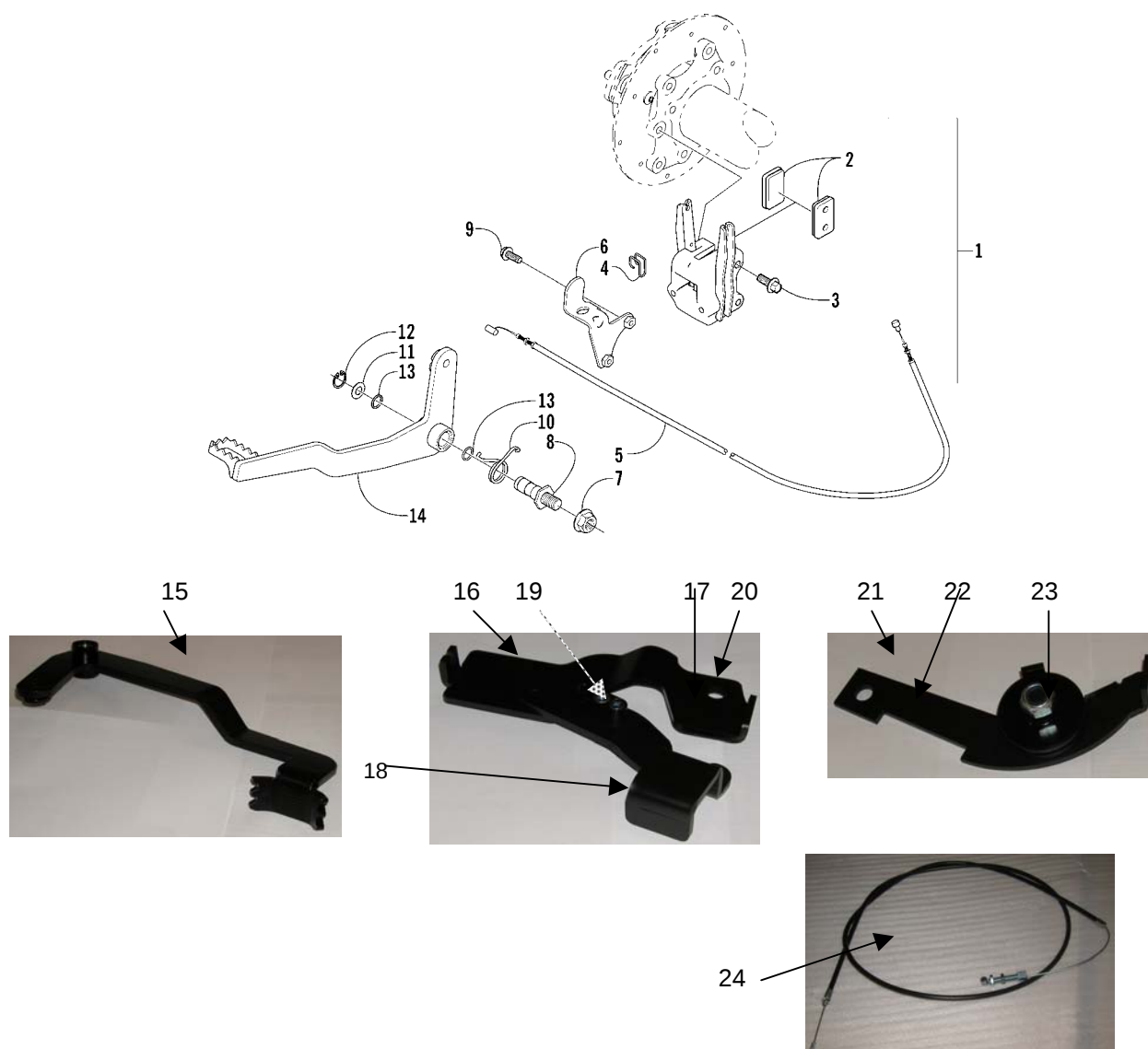
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0504-325</u>	1	Knuckle, Right – Rear – Assembly (inc. 2-6)	11	8409-060	4	Screw, Cap
	0504-313	1	Knuckle, Left – Rear – Assembly (inc. 2-6)	12	0404-014	2	Shock Absorber – Rear (inc. 13-14)
2	0504-309	1	● Knuckle – Right	13	0403-028	4	● Sleeve, Shock Absorber
	0504-310	1	● Knuckle – Left	14	0604-310	8	● Bushing, Shock Absorber
3	1402-027	2	● Bearing, Wheel	15	0403-104	2	Retainer, Spring – Lower
4	0423-423	2	● Ring, Retaining	16	0403-002	2	Spring, Suspension – Black
5	0403-038	6	● Collar, Suspension Bushing	17	1603-889	2	Retainer, Spring – Upper
6	0403-032	12	● Bushing, Suspension	18	8409-040	2	Screw, Cap
7	0504-044	2	Arm, Rear – Upper	19	8408-820	2	Screw, Cap
8	0504-030	1	A-Arm, Rear – Lower Right	20	0423-087	2	Washer
	0504-031	1	A-Arm, Rear – Lower Left	21	<u>0502-543</u>	2	Axle, Drive (inc. 22)
9	8409-000	6	Screw, Cap	22	0436-276	2	● Repair Kit, Boot – Rear Axle
10	8428-002	12	Nut, Lock				



WHEEL AND TIRE ASSEMBLY

0739-464

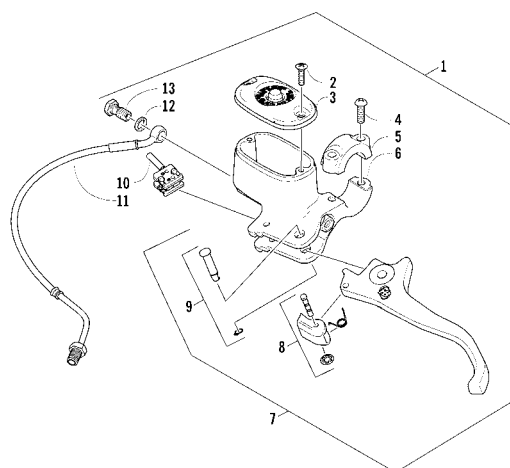
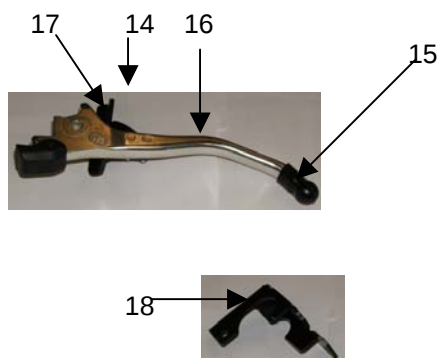
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-029	12	Screw, Machine	8	0402-856	4	Wheel Assembly – Gray
2	0402-874	3	Disc, Brake	9	0402-317	2	Tire – Front
3	0502-599	2	Hub, Wheel – Front (inc.4)	10	0423-408	16	Nut, Mounting – Wheel
4	0402-974	16	● Stud, Wheel hub	11	0402-064	4	Stem, Valve (inc. 12)
5	0423-394	4	Nut, Castle	12	0402-140	4	● Cap, Valve Stem
6	0423-407	4	Pin, Cotter	13	0402-319	2	Tire, Rear
7	0502-599	1	Hub, Wheel – Rear – Right (inc. 4)				
	0502-601	1	Hub, Wheel – Rear – Left (inc. 4)				
Homologated ATV's							
14	AC000-203	2	Wheel assembly, road tire front (incl. 15, 16, 17, 16xNo. 26)	20	AC000-207	2	Wheel assembly, tractor tire, front (incl. 21, 22, 23)
15	● AC000-202	1	Road tire, 185/65x15	21	AC000-205	1	● Tractor tire, 25x8.00-12
16	● AC000-209	1	Valve wheel, road tire	22	0402-856	1	● Wheel assy., gray
17	● AC000-221	1	Aluminium Rim Silver	23	AC000-209	1	● Valve wheel, tractor tire
18	AC000-204	2	Wheel assembly, road tire rear (incl. 16, 17, 19, 16xNo. 26)	24	AC000-208	2	Wheel assembly, tractor tire, rear (incl. 22, 23, 25)
19	● AC000-201	1	Road tire, 195/60x15	25	AC000-206	1	● Tractor tire, 26x9.00-12
				26	AC007-217	1	Nut, Aluminium Rim Silver



AUXILIARY BRAKE ASSEMBLY

0737-504

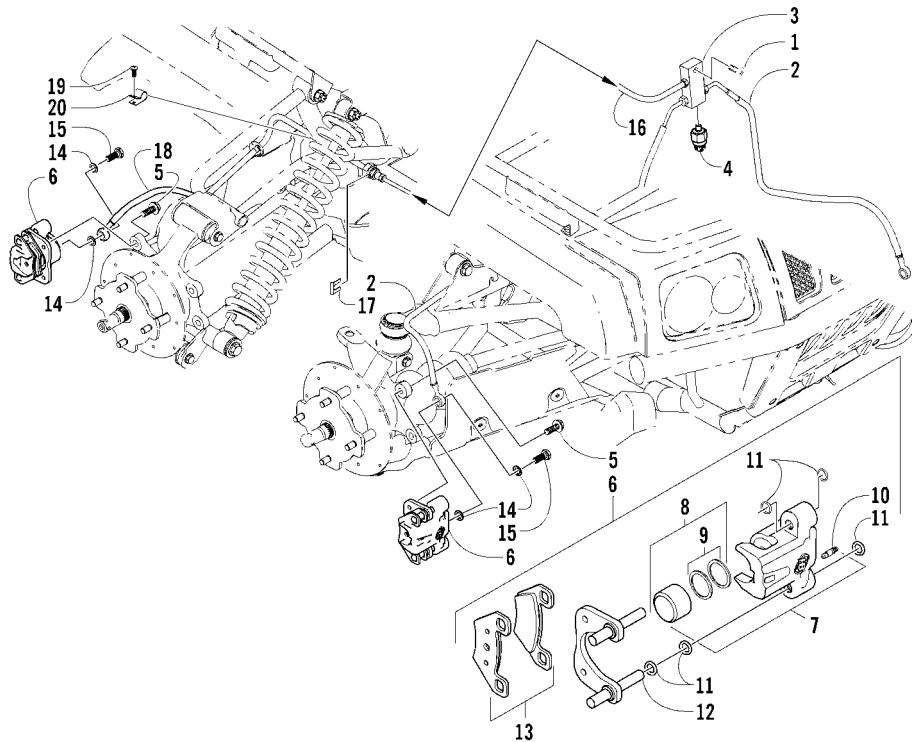
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-372	1	Auxiliary Brake Assembly (inc. 2)	8	0406-562	1	Axle, Brake Lever
2	0402-958	2	● Pad, Brake	9	8476-616	2	Screw, Cap
3	8408-825	2	Screw, Cap	10	0502-409	1	Spring, Brake Lever
4	0402-379	1	Wire Form, Cable	11	0423-027	1	Washer, Brake Lever
5	0487-010	1	Cable, Brake Rear	12	0623-237	1	Ring, Snap
6	0502-056	1	Bracket, Brake Switch	13	0670-183	2	O-Ring
7	0423-165	1	Nut	14	0502-095	1	Lever, Brake
Homologated ATV's				21	AC000-170	1	Diverter pulley assy., (incl. 22, 23)
15	AC000-109	1	Pedal, footbrake	22	● AC000-102	1	Bracket, diverter pulley
16	AC000-162	1	Parking brake assy., (incl. 17, 18, 19, 20)	23	● AC000-103	1	Diverter pulley, cable
17	● AC000-163	1	Bracket, parking brake	24	AC000-095	1	Bowden cable
18	● AC000-164	1	Lever, parking brake				
19	● AC000-165	1	Distance, sleeve				
20	● AC000-166	1	Bracket, cable parking brake				



HYDRAULIC HAND BRAKE ASSEMBLY

0739-465

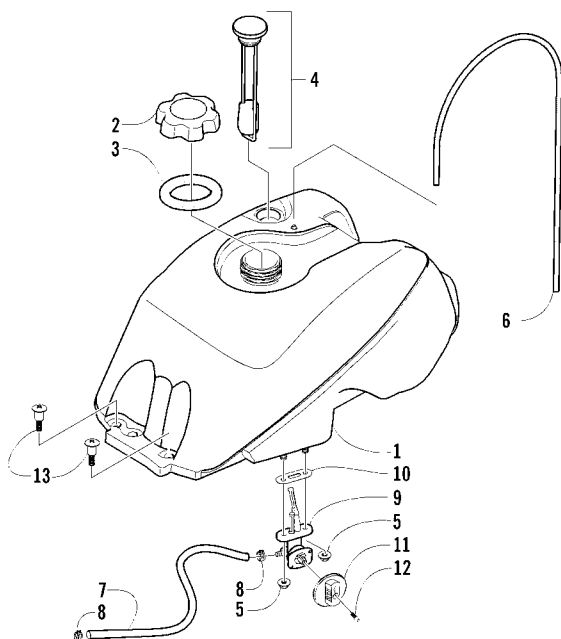
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-632</u>	1	Brake Assembly (inc. 2-10)	8	<u>0502-635</u>	1	● ● Lock, Brake Lever – Kit
2	0502-566	1	● Screw, Reservoir Cover – Kit	9	0502-580	1	● ● Lever Pin – Kit
3	0502-565	1	● Cover, Reservoir – Kit	10	0502-564	1	● Switch, Brake – Kit
4	0502-568	1	● Screw, Master Cylinder Clamp – Kit	11	<u>1402-230</u>	1	Brakeline, Hydraulic
5	0502-567	1	● Clamp, Master Cylinder – Kit	12	<u>0423-148</u>	2	Washer, Crush
6	<u>0502-633</u>	1	● Master Cylinder Assembly – Kit	13	<u>0423-413</u>	1	Bolt, Banjo Fitting
7	<u>0502-634</u>	1	● Lever Assembly – Kit (inc. 8-9)				
Homologated ATV's							
14	AC000-181	1	Handbrake assy., (incl. 15, 16, 17)	18	AC000-180	1	Bracket, brake cylinder
15	● AC000-032	1	Protection ball				
16	● AC000-075	1	Lever handbrake				
17	● AC000-087	1	Lever bowdencable				



HYDRAULIC BRAKE ASSEMBLY

0739-469

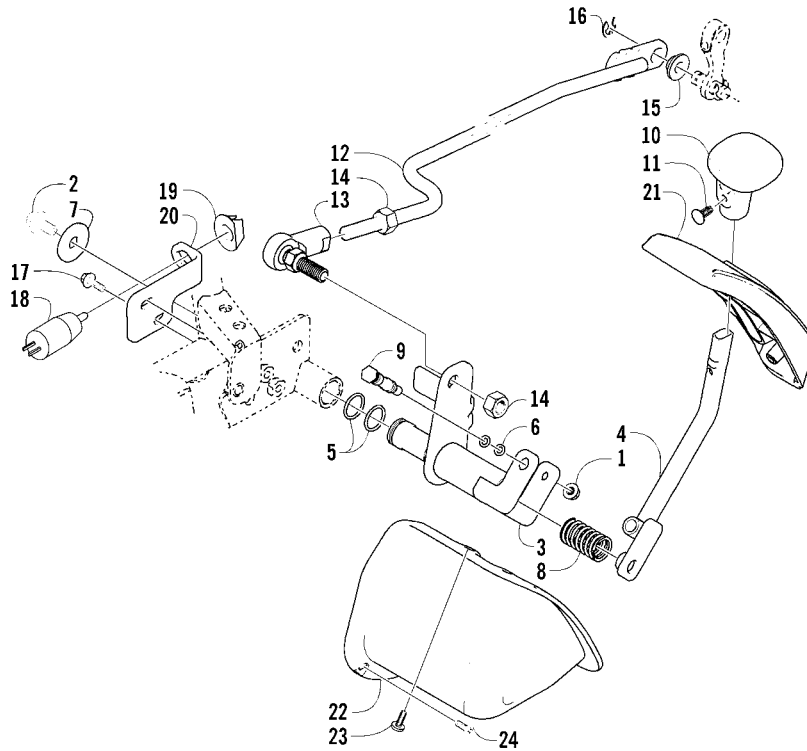
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8476-625	1	Screw, Cap	8	<u>0502-606</u>	3	● ● Piston/Seal Set (inc. 9)
2	1402-130	1	Hose, Brake – Front – Right	9	<u>0502-607</u>	3	● ● ● Seal Set
	1402-132	1	Hose, Brake – Front – Left	10	<u>0502-609</u>	3	● ● Valve, Bleed
3	1402-086	1	Block, Junction	11	<u>0502-608</u>	3	● O-Ring, Guide – Set
4	0402-306	1	Switch, Brake Pressure	12	<u>0502-605</u>	3	● Bracket Assembly
5	8408-820	6	Screw, Cap	13	<u>0502-604</u>	3	● Pad, Brake – Set
6	<u>0502-602</u>	1	Caliper, Brake – Right Front (inc. 7-13)	14	0423-178	6	Washer, Crush
	<u>0502-610</u>	1	Caliper, Brake – Left Front and Right Rear (inc. 7-13)	15	0423-413	3	Bolt, Banjo Fitting
7	<u>0502-603</u>	1	● Housing, Caliper – Assembly – Right Front (inc. 8-10)	16	1402-018	1	Tube, Brakeline – Rear
	<u>0502-611</u>	2	● Housing, Caliper – Assembly – Left Front and Right Rear (inc. 8-10)	17	0402-597	1	Clip, Brakeline
				18	1402-020	1	Hose, Brake – Rear
				19	0423-324	1	Screw, Machine
				20	0423-415	1	Clamp, Cable



GAS TANK ASSEMBLY

0736-991

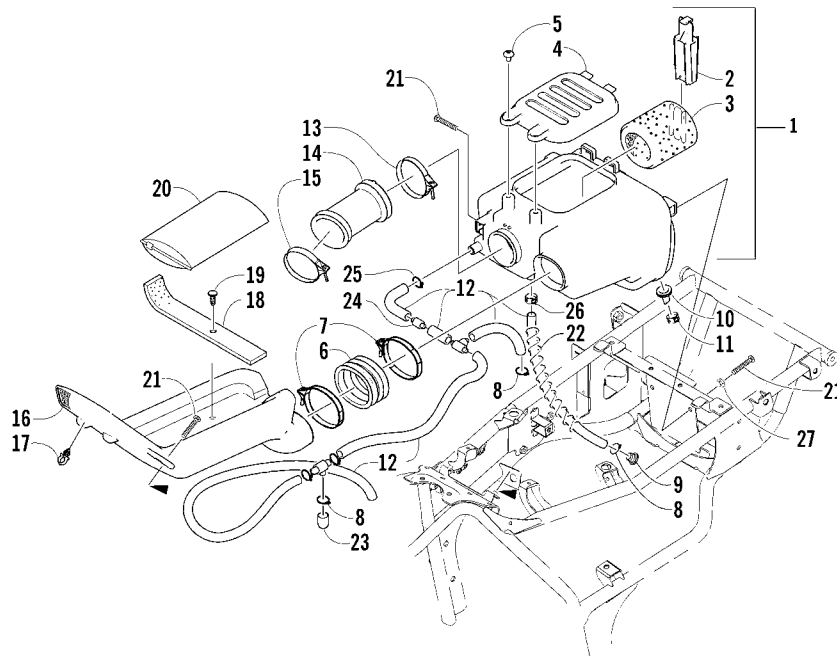
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-068	1	Tank, Gas – Assembly (inc. 2-10)	8	0423-152	2	● Clamp, Hose – Spring
2	0470-438	1	● Cap, Gas Tank (inc. 3)	9	0470-445	1	● Valve, Fuel Shut-Off (inc. 10)
3	0109-733	1	● ● Seal, Gas Tank Cap	10	0470-364	1	● ● Gasket, Fuel Shut-Off Valve
4	0570-086	1	● Gauge, Fuel w/Gasket (Press-Fit)	11	0470-408	1	Knob, Fuel Shut-Off Valve
5	0423-398	2	● Nut, Lock	12	0423-146	1	Screw, Fuel Shut-Off Valve Knob
6	0470-416	1	● Hose, Vent	13	0423-130	2	Screw, Gas Tank
7	0610-007	AR	● Hose, Gasline – 25 ft				



REVERSE SHIFT LEVER ASSEMBLY

0739-799

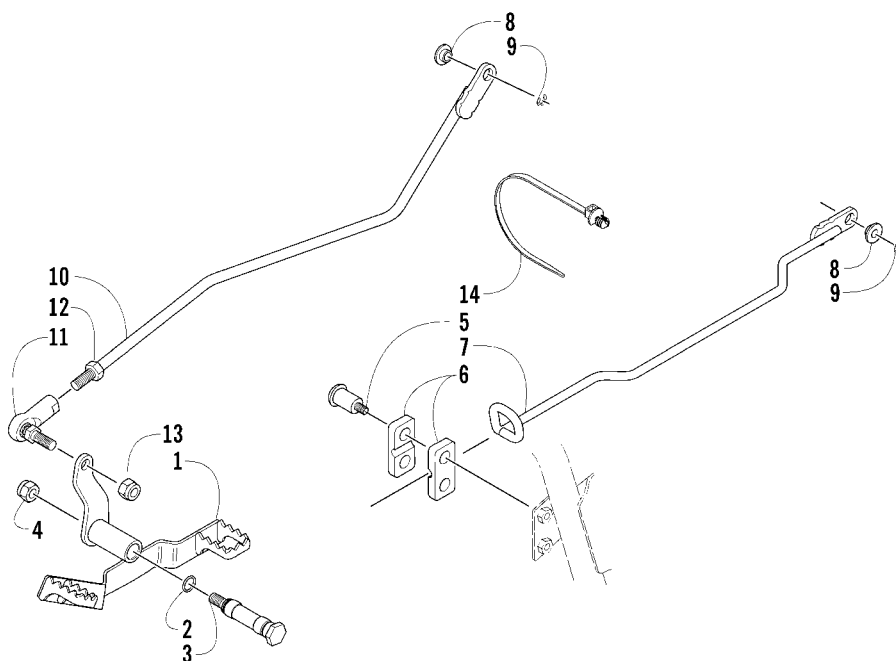
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8424-602	1	Nut	13	0402-844	1	End, Rod
2	8408-812	1	Screw, Cap	14	0623-294	2	Nut
3	0502-237	1	Axle, Reverse Shift Lever	15	0423-091	1	Bushing, Shift Linkage
4	0502-185	1	Lever, Reverse Shift	16	0423-169	1	E-Ring
5	0423-299	2	O-Ring	17	8408-616	2	Screw, Cap
6	0423-182	2	O-Ring	18	0409-008	1	Switch, Reverse
7	0423-087	1	Washer	19	0402-168	1	Retainer, Reverse Switch
8	0502-410	1	Spring, Reverse Shift Lever	20	0506-961	1	Bracket, Reverse Switch
9	0402-675	1	Axle, Pivot	21	0402-847	1	Plate, Shift
10	0402-843	1	Handle, Reverse Shift Lever	22	0406-943	1	Shield, Linkage
11	0423-345	1	Clip, Push	23	0423-371	3	Screw, Machine
12	0502-250	1	Linkage, Shift	24	0623-309	1	Screw, Self-Tapping



AIR INTAKE ASSEMBLY

0736-899

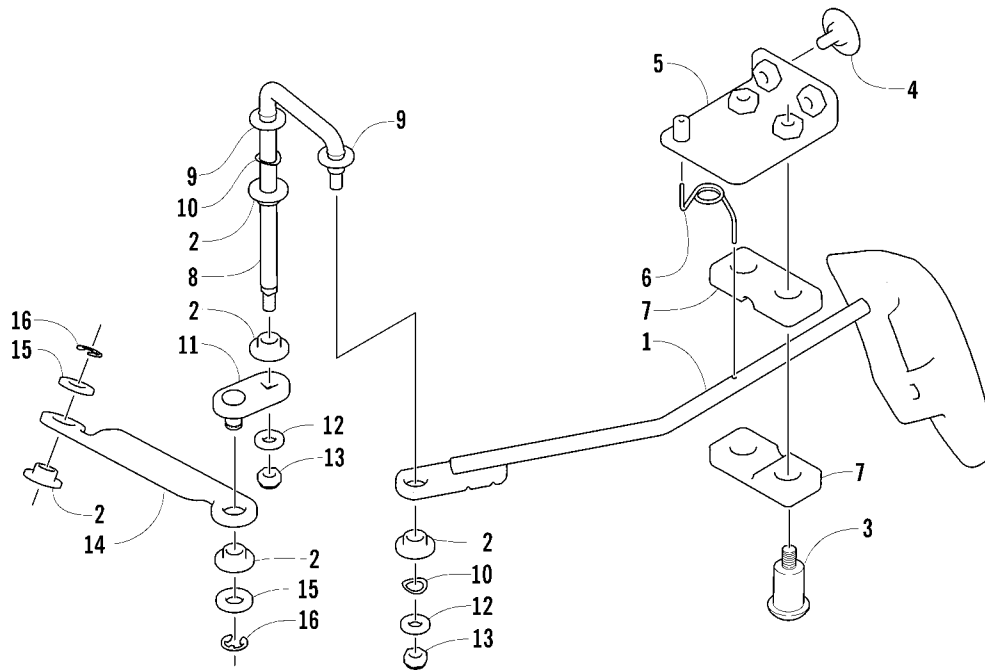
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3570-001	1	Intake, Air-Assembly (inc.2-7)	15	0423-317	1	Clamp
2	3402-330	1	●Slider, Retainer – Filter	16	0570-062	1	Snorkel, Air Intake – Assembly (inc. 17-19)
3	0470-421	1	●Filter, Air Cleaner	17	0623-101	1	●Clip, Routing
4	3402-331	1	●Cap	18	0406-379	1	●Strap, Tool Kit
5	8477-610	2	●Screw, Cap	19	0423-478	1	●Plug, Hole – Retaining Clip
6	3423-329	1	●Joint	20	0444-122	1	Kit, Tool
7	3423-311	2	●Clamp	21	8476-616	5	Screw, Cap
8	3423-313	5	Clip	22	0423-128	1	Spring, Vent Tube
9	0423-127	1	Plug, Drain	23	3402-334	1	Plug, Breather
10	0470-442	1	Valve, Air Cleaner	24	3470-002	1	Valve, Check
11	0423-071	1	Clamp	25	3423-424	1	Clip, Air Cleaner
12	3470-004	1	Tube, Crankcase Breather	26	0423-047	1	Clamp
13	3402-236	1	Clamp	27	8053-212	1	Washer, Lock – External Tooth
14	0470-347	1	Boot, Air Cleaner				



SHIFTER ASSEMBLY

0739-800

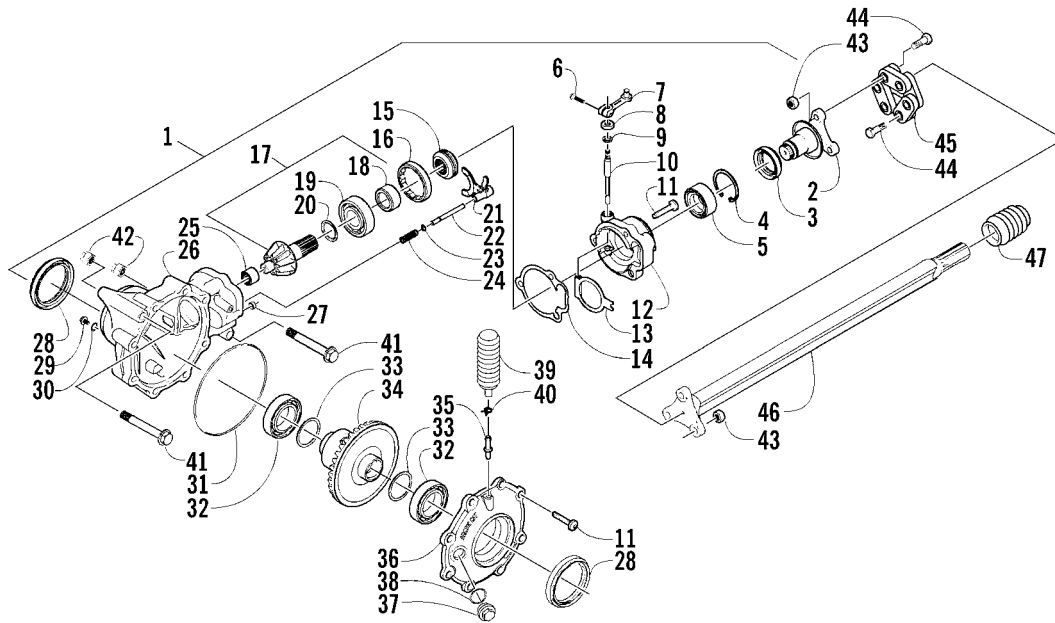
Ref.	Part No.	Qty	Description	Ref.	Part No.	Qty.	Description
1	0502-253	1	Lever, Footshift	8	0423-091	2	Bushing, Linkage
2	1602-213	2	O-Ring	9	3423-168	2	E-Ring, Linkage
3	0402-370	1	Axle, Lever	10	0502-256	1	Linkage, Footshift Lever (inc. 11-12)
4	8422-002	1	Nut	11	0402-844	1	● End, Rod
5	0423-329	2	Screw, Shoulder	12	0623-294	1	● Nut
6	0406-363	2	Bushing, High/Low Shift	13	0623-025	1	Nut, Lock
7	0502-257	1	Linkage, High/Low Shift	14	0423-075	1	Cable Tie – Push-Mount



FRONT DRIVE SHIFT LINKAGE ASSEMBLY

0738-254

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-291	1	Shifter	9	0123-053	2	Washer
2	0423-091	5	Bushing	10	0423-368	2	Washer, Wave
3	0423-329	2	Screw, Shoulder	11	0502-295	1	Arm, Selector
4	0423-101	2	Screw, Body	12	0423-348	2	Washer
5	0502-234	1	Plate, Mounting	13	0624-250	2	Nut, Lock
6	0402-828	1	Spring, Torsion	14	0502-396	1	Cross-Link
7	0406-363	2	Bushing	15	8050-247	2	Washer
8	0402-821	1	Arm, Shifter	16	0124-057	2	E-Ring



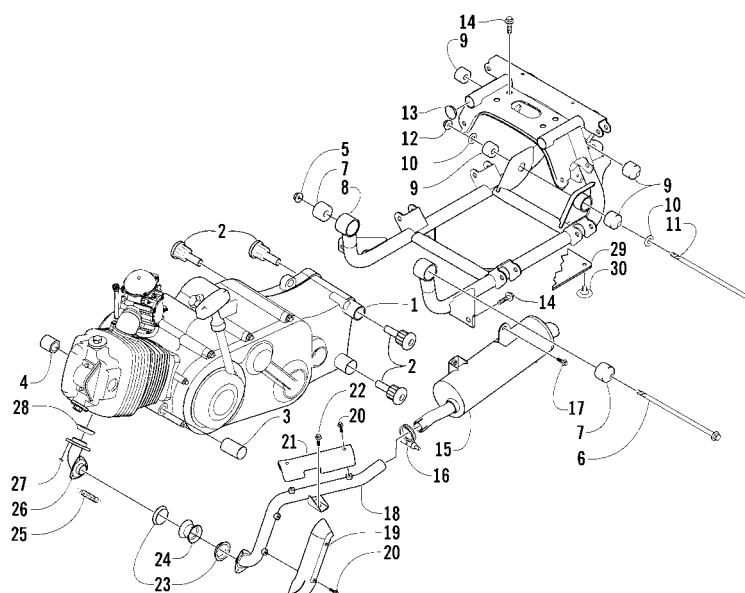
FRONT DRIVE GEARCASE ASSEMBLY

0738-300

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-338	1	Gearcase, Front Drive – Assembly (inc. 2-38)	24	0402-418	1	● Spring, Return
2	0502-383	1	● Shaft, Input	25	0402-328	1	● Bearing
3	1402-011	1	● Seal	26	0502-120	1	● Housing, Gearcase
4	0423-423	1	● Ring, Retaining	27	0402-411	1	● Pin, Dowel
5	1402-043	1	● Bearing	28	0402-394	2	● Seal
6	8411-620	1	● Screw, Cap	29	0402-450	1	● Plug, Magnetic (inc. 30)
7	0502-092	1	● Arm, Selector	30	0423-153	1	● ● O-Ring
8	0402-398	1	● Plate, Selector Shaft	31	0423-149	1	● O-Ring
9	0402-416	1	● Seal	32	0402-393	2	● Bearing
10	0402-412	1	● Shaft, Selector	33	0402-405	AR	● Shim
11	0423-118	11	● Screw, Self-Tapping		0402-406	AR	● Shim
12	0502-379	1	● Housing, Selector		0402-407	AR	● Shim
13	0402-414	1	● Plate, Spring-Selector		0402-408	AR	● Shim
14	0402-947	1	● Gasket, Flange		0402-409	AR	● Shim
15	0402-413	1	● Coupler, Drive	34	0502-199	1	● Gear, Ring – 34T
16	0402-357	1	● Collar, Lock	35	0402-871	1	● Fitting
17	0502-155	1	● Gear, Pinion - Assembly – 11T (inc. 18-20)	36	0502-121	1	● Cover, Gearcase
18	0402-336	1	● ● Collar, Retaining	37	0402-333	1	● Plug, Fill (inc. 38)
19	0402-327	1	● ● Bearing	38	0423-154	1	● ● O-Ring
20	0402-424	AR	● ● Shim	39	0402-147	1	Bladder, Gearcase
	0402-425	AR	● ● Shim	40	0423-315	1	Clamp, Fitting
	0402-426	AR	● ● Shim	41	3423-010	2	Screw, Cap
	0402-427	AR	● ● Shim	42	8428-002	2	Nut, Lock
	0402-428	AR	● ● Shim	43	3004-491	6	Nut
21	0402-420	1	● Fork, Selector	44	3423-182	6	Screw, Cap
22	0402-417	1	● Shaft, Shuttle	45	3435-007	1	Coupler, Propeller Shaft
23	0423-147	1	● O-Ring	46	0502-201	1	Shaft, Propeller
				47	0402-966	1	Boot, Propeller Shaft



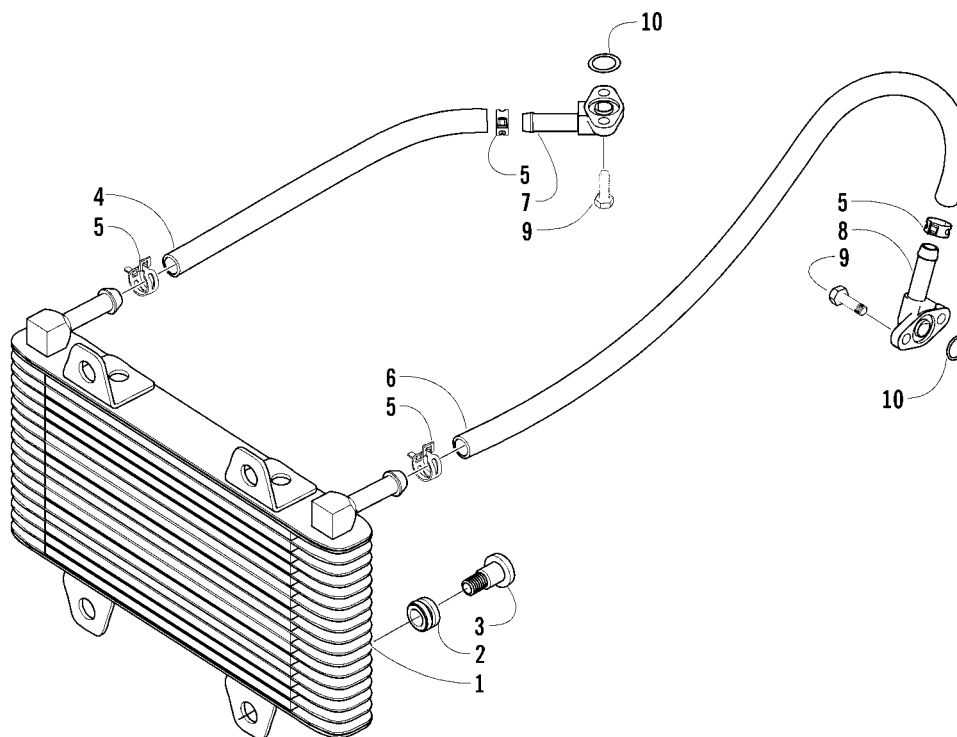
31



ENGINE AND RELATED PARTS

0738-333

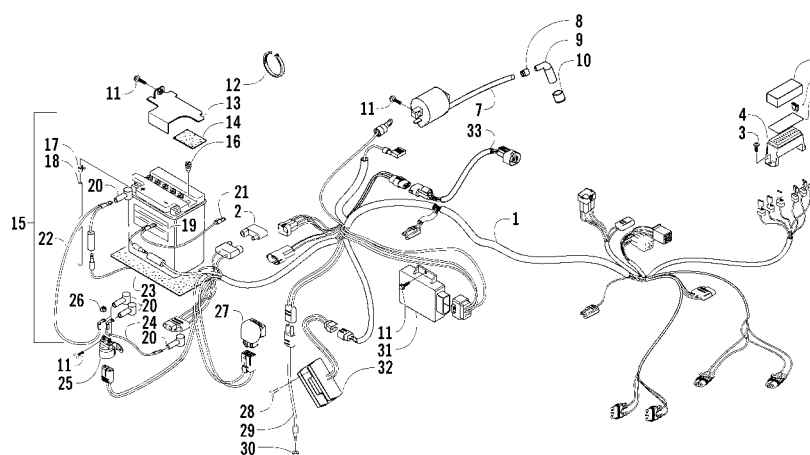
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0462-009	1	Engine	16	0423-092	1	Clamp, Exhaust
2	3402-263	4	Mount, Engine	17	8408-816	1	Screw, Cap
3	0402-231	1	Spacer, Engine Mount – Long	18	0512-093	1	Pipe, Exhaust
4	0402-232	1	Spacer, Engine Mount – Short	19	0412-023	1	Cover, Exhaust
5	8422-202	1	Nut	20	8477-610	4	Screw, Cap
6	3423-236	1	Screw, Cap	21	0412-024	1	Cover, Exhaust – Rear
7	3402-264	2	Mount, Engine	22	8408-812	3	Screw, Cap
8	0506-301	1	Sub-Frame (inc. 9)	23	0612-887	2	Gasket, Exhaust
9	3402-232	4	● Mount, Engine	24	0512-077	1	Coupler, Exhaust
10	8050-272	4	Washer	25	0123-321	3	Spring, Extension
11	3423-235	2	Screw, Cap	26	0512-008	1	Pipe, Header
12	8422-002	2	Nut	27	8424-802	2	Nut
13	0406-320	2	Cap, Sub-Frame	28	3402-300	1	Seal, Exhaust Pipe
14	0423-481	6	Screw, Cap	29	0406-787	1	Panel, Belly – Sub-Frame
15	0512-011	1	Muffler	30	0423-101	4	Screw, Body
Homologated ATV's							
31	AC000-701	1	Exhaust ACE1				



OIL COOLER ASSEMBLY

0739-472

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-011	1	Cooler, Oil	6	0410-007	1	Hose, Oil – Input
2	0423-086	4	Grommet	7	0410-012	1	Fitting, Oil – Angled
3	0423-484	4	Screw, Shoulder	8	0410-013	1	Fitting, Oil
4	0410-006	1	Hose, Oil – Output	9	8471-616	4	Screw, Cap
5	0423-098	4	Clamp, Hose	10	0423-089	2	O-Ring, Oil Fitting



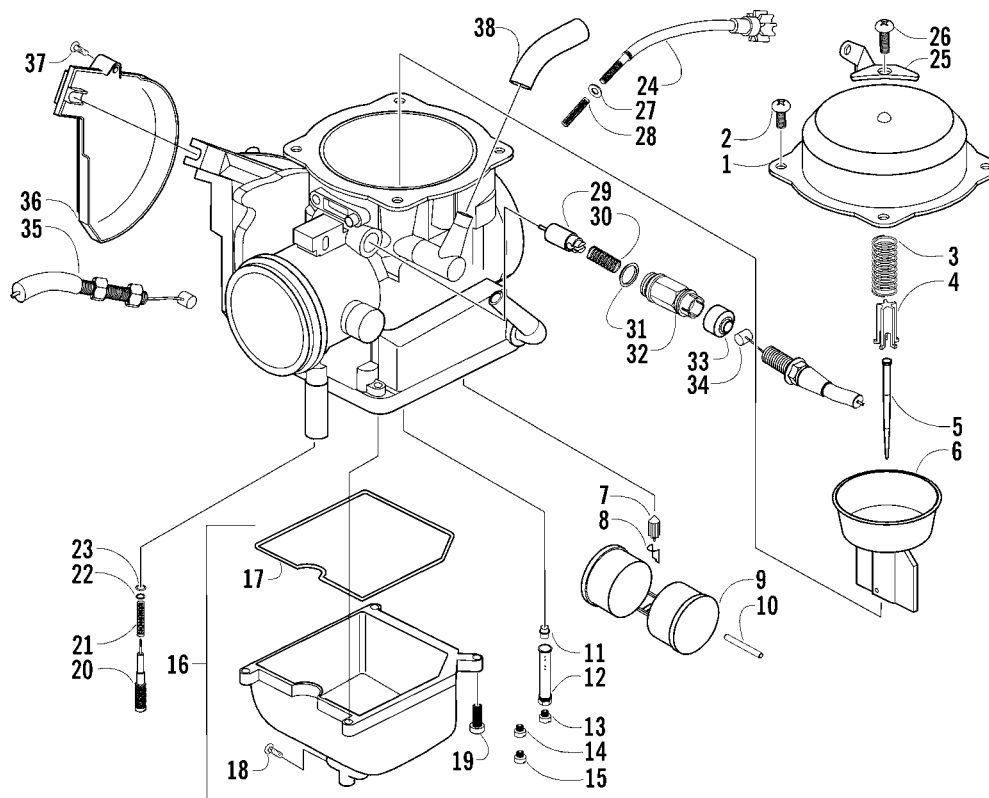
26

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ELECTRICAL COMPONENTS

0739-807

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0486-150</u>	1	Harness, Main (inc. 2)	17	0645-152	1	● Clamp, Hose
2	0486-029	1	● Diode	18	0645-263	1	● Hose, Battery Vent
3	0623-361	2	Screw, Self-Tapping	19	0645-151	1	● Decal, Warning – Battery
4	0530-003	1	Fuse Box Assembly	20	0645-019	4	Boot, Terminal - Battery
5	0411-404	1	Decal, Fuse Box	21	0445-010	1	Cable, Battery/Ground
6	0630-057	3	Fuse, 10 Amp	22	0445-011	1	Cable, Batter/Electric Start Relay
	0630-058	1	Fuse, 15 Amp	23	0406-380	1	Pad, Battery
7	3530-012	1	Coil, Ignition	24	0445-012	1	Cable, Electric Start Relay/Starter
8	3430-009	1	Seal, High Tension Wire	25	3530-013	1	Relay, Starter
9	3430-007	1	Cap, Spark Plug	26	0624-250	2	Nut, Starter Relay
10	3430-026	1	Seal, Spark Plug	27	3530-026	1	Relay, Neutral Start
11	8476-616	7	Screw, Cap	28	8476-620	2	Screw, Cap
12	0123-788	AR	Cable Tie – 7 in.	29	0409-009	1	Switch, Brake
13	0506-958	1	Bracket, Battery	30	0402-991	1	Retainer, Brake Switch
14	0417-003	1	Foam, Battery Bracket	31	3530-011	1	CDI Unit
15	0745-040	1	Battery (inc. 16-19)	32	3530-034	1	Regulator, Voltage
16	0645-045	6	● Cap, Battery	33	<u>0486-172</u>	1	Harness, Adaptor – Oil Sensor Switch
Homologated ATV's							
34	AC000-226	1	Harness 2005				
35	AC000-228	1	Harness rear light				

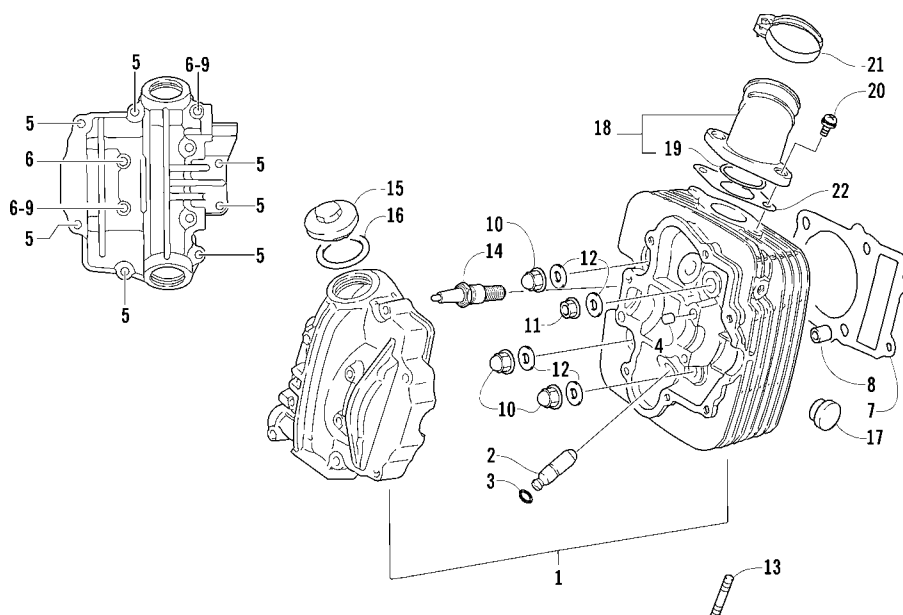


CARBURETOR

(Complete Assembly p/n 0470-448)

0738-346 *Not a Service Part **Optional

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-001	1	Cover, Top	17	5507-068	1	● O-Ring, Float Chamber
2	5507-002	3	Screw, Top Cover	18	5507-050	1	● Plug, Drain
3	5507-052	1	Spring	19	5507-017	4	Screw
4	5507-054	1	Seat, Spring	20	5507-040	1	Screw, Pilot Air – Set (inc. 21-23)
5	5507-055	1	Jet Needle	21	*	1	● Spring
6	5507-053	1	Piston, Vacuum	22	*	1	● Washer
7	5507-038	1	Valve, Float – Set (inc. 8)	23	*	1	● O-Ring
8	*	1	● Clip	24	5507-059	1	Screw, Idle Adjust (inc. 25)
9	5507-039	1	Float Set (inc. 10)	25	*	1	● Bracket, Idle Adjust Screw
10	*	1	● Pin, Float	26	5507-035	1	Screw
11	5507-056	1	Needle Jet	27	5507-028	1	Washer
12	5507-047	1	Holder, Needle Jet	28	5507-029	1	Spring
13	5507-057	1	Main Jet – 135	29	5507-022	1	Valve, Starter
	5507-088	1	Main Jet – 138**	30	5507-023	1	Spring
	5507-041	1	Main Jet – 147**	31	5507-024	1	O-Ring
	5507-042	1	Main Jet – 145**	32	5507-025	1	Cap
	5507-043	1	Main Jet – 142**	33	5507-026	1	Cap, Rubber
	5507-044	1	Main Jet – 140**	34	0487-017	1	Cable, Choke
	5507-009	1	Main Jet – 150**	35	0487-019	1	Cable, Throttle
14	5507-010	1	Slow Jet	36	5507-036	1	Cover
15	5507-058	1	Starter Jet – 65	37	5507-037	1	Screw
16	5507-064	1	Chamber, Float – Assembly (inc. 17-18)	38	5507-083	1	Tube, Vinyl

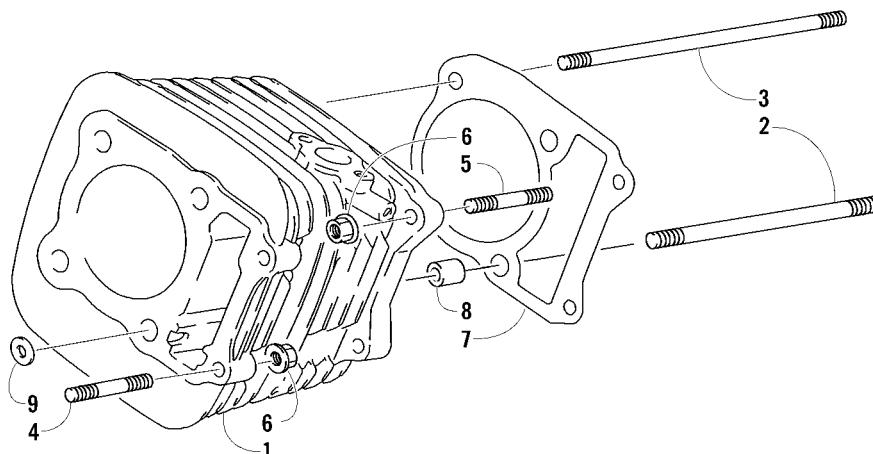


CYLINDER HEAD ASSEMBLY

(Gasket Set p/n 3402-260)

0737-836

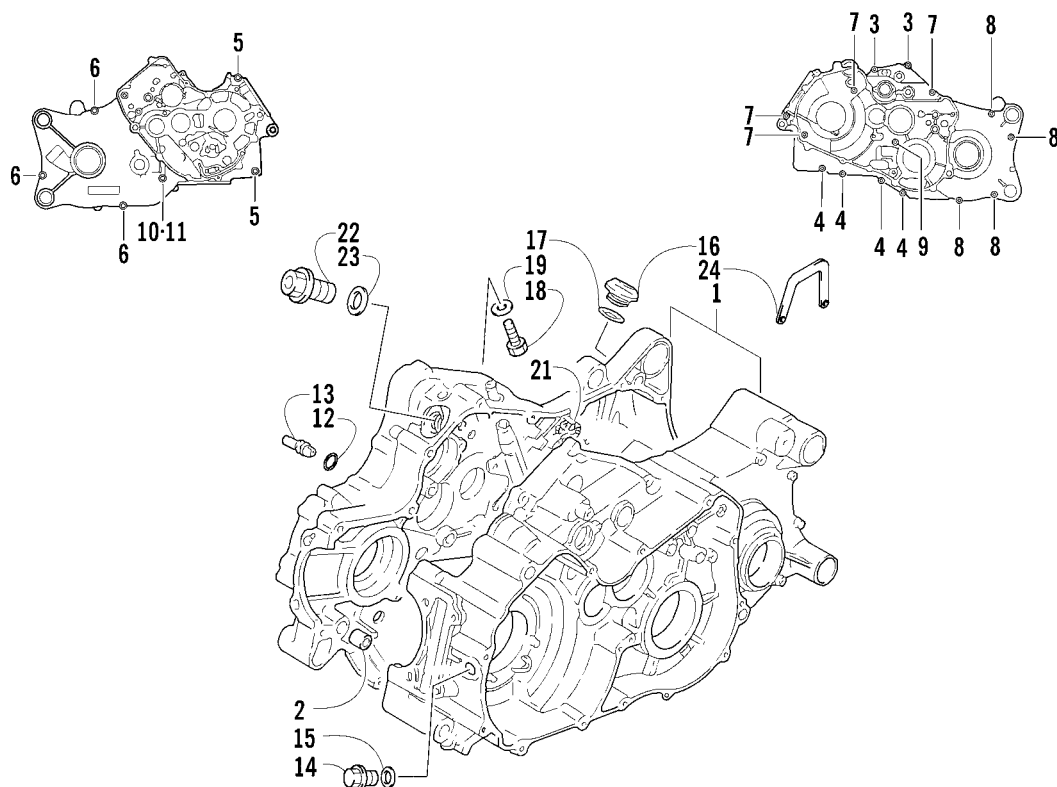
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-246	1	Head, Cylinder – Assembly (inc. 2-6)	12	3005-243	4	Gasket
2	3402-247	2	● Guide, Valve	13	3004-279	2	Bolt, Stud
3	3423-068	2	● Ring, Valve Guide	14	0217-713	1	Spark Plug (NGKA DR7EA)
4	3423-043	2	● Pin, Dowel	15	3402-249	2	Cap, Inspection
5	3004-426	7	● Screw, Cap	16	3423-275	2	O-Ring
6	3423-304	3	● Screw, Cap	17	3402-213	1	Plug, Head
7	3402-248	1	Gasket, Cylinder Head	18	3402-533	1	Pipe, Intake (inc. 19)
8	3004-822	2	Pin, Dowel	19	3423-276	1	● O-Ring
9	3003-290	2	Gasket	20	3423-305	2	Screw
10	3423-257	3	Nut	21	3402-086	1	Clamp
11	3004-326	1	Nut	22	3402-298	1	Gasket, Intake Pipe



CYLINDER ASSEMBLY

0733-744

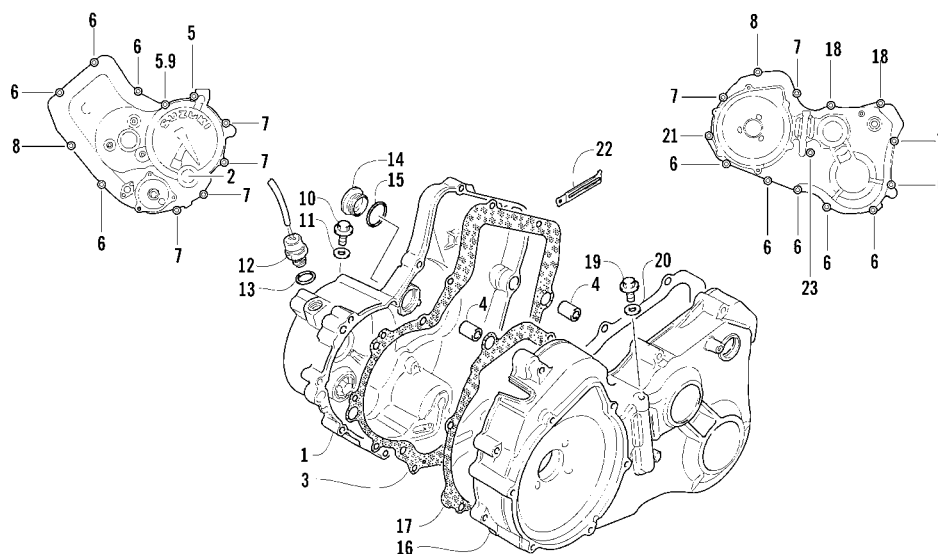
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-251	1	Cylinder	6	3004-488	4	Nut
2	3423-238	2	Bolt, Stud	7	3402-252	1	Gasket, Cylinder
3	3423-239	2	Bolt, Stud	8	3423-306	2	Pin, Dowel
4	3423-089	2	Bolt, Stud	9	3005-226	1	O-Ring
5	3423-237	2	Bolt, Stud				



CRANKCASE ASSEMBLY

0738-765

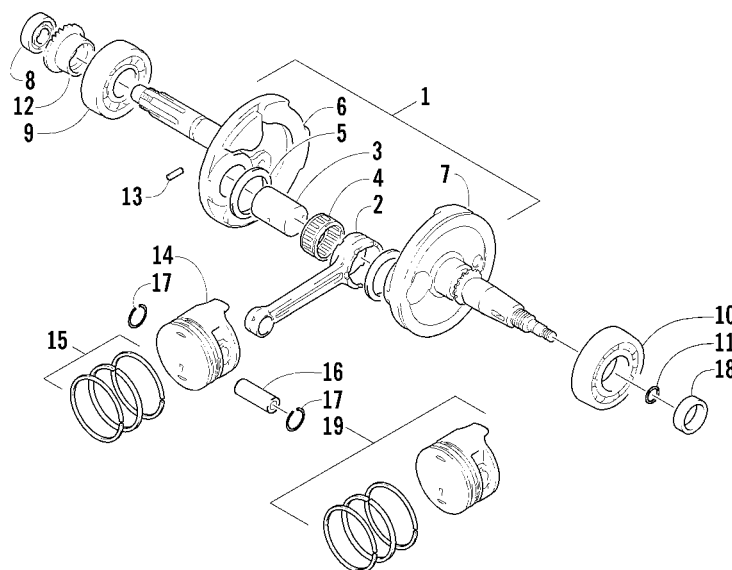
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-697	1	Crankcase Set (inc.2-13)	13	3402-245	1	● Jet, Oil Gallery
2	3423-088	2	● Pin, Dowel	14	3402-214	1	Plug
3	3423-162	2	● Screw, Cap	15	3402-012	1	Gasket
4	3423-098	4	● Screw, Cap	16	3402-212	1	Cap, Oil Filler
5	3423-091	2	● Screw, Cap	17	3423-274	1	O-Ring
6	3423-307	3	● Screw, Cap	18	3402-404	1	Plug, Oil Drain
7	3423-308	4	● Screw, Cap	19	3402-011	1	Gasket
8	3423-094	4	● Screw, Cap	20	3402-530	1	Pipe, Breather
9	3423-232	1	● Screw, Cap	21	3402-250	1	Separator, Oil Breather
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	3402-796	1	Bracket, Engine Hanger



CRANKCASE COVER ASSEMBLY

0737-841

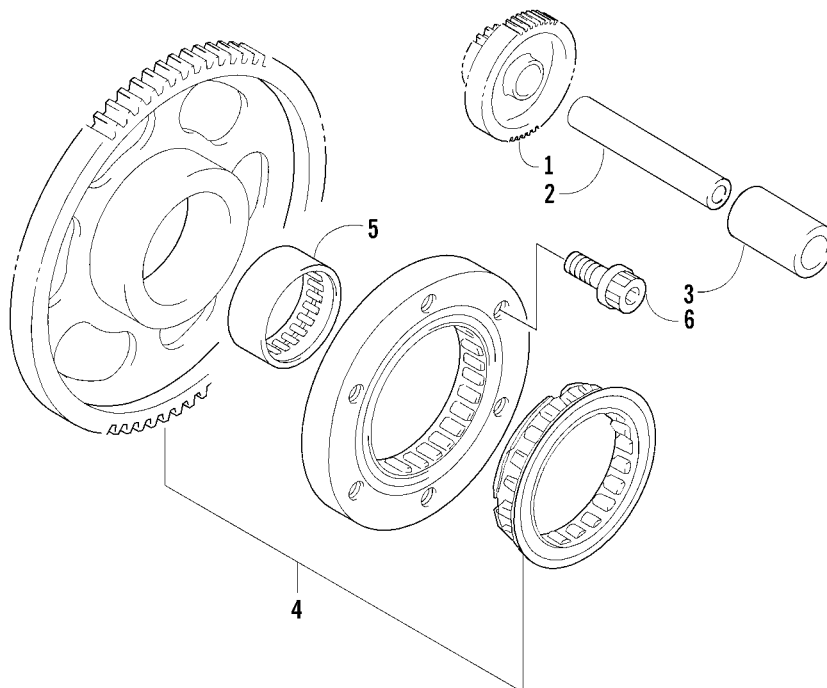
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3403-002</u>	1	Cover, Clutch (inc. 2)	13	<u>3403-003</u>	1	Gasket
2	3402-112	1	● Lens, Oil Inspection	14	3402-215	1	Cap, Clutch Adjust
3	3402-280	1	Gasket	15	3423-274	1	O-Ring
4	3423-088	4	Pin, Dowel	16	3402-256	1	Cover, Transfer
5	3423-231	2	Bolt	17	3402-262	1	Gasket, Transfer Cover
6	0693-327	10	Bolt	18	3423-091	2	Screw, Cap
7	3423-098	7	Bolt	19	3004-339	1	Plug, Oil Gallery
8	3423-307	2	Bolt	20	3003-290	1	Gasket
9	3402-444	1	Gasket	21	3004-756	1	Screw, Cap
10	3004-705	2	Plug, Oil Gallery	22	3402-237	2	Clamp, Breather Hose
11	3005-242	2	Gasket	23	3423-308	1	Screw, Cap
12	<u>3430-062</u>	1	Switch, Oil Sensor				



CRANKSHAFT ASSEMBLY

0733-747 ** Optional

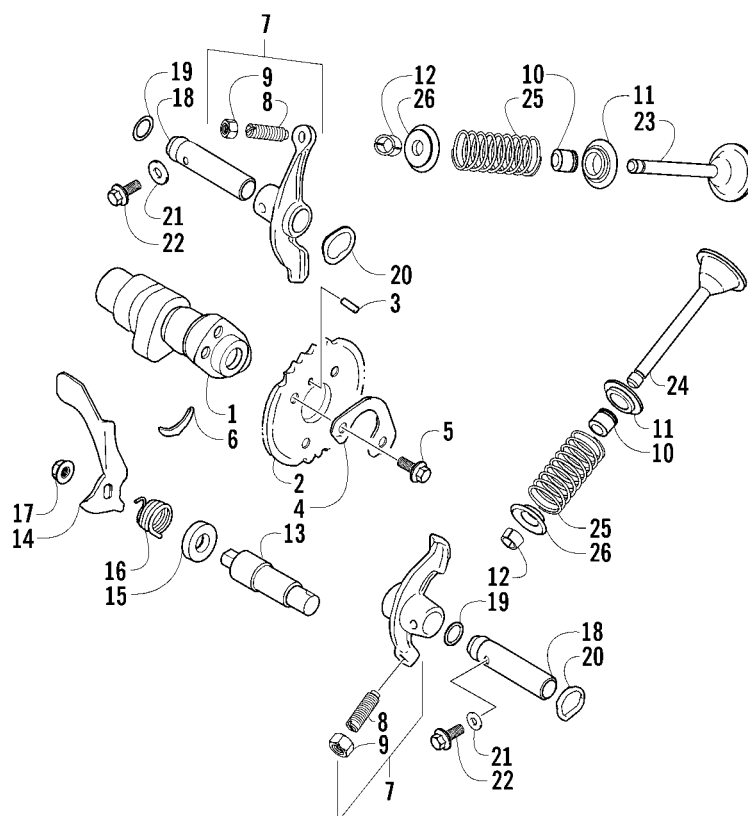
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-269	1	Crankshaft Assembly (inc. 2-7)	12	3402-301	1	Gear, Oil Pump Drive
2	3402-268	1	● Rod, Connecting	13	3423-114	1	Pin
3	3402-270	1	● Pin, Crank	14	3402-265	1	Piston
4	3402-223	1	● Bearing	15	3402-266	1	Ring, Piston – Set
5	3005-241	2	● Washer		3436-011	1	Ring, Piston – Set (Oversized 0,50 mm)*
6	3402-792	1	● Crankshaft – Right		3436-012	1	Ring, Piston – Set (Oversized 1,00 mm)*
7	3402-703	1	● Crankshaft – Left	16	3402-267	1	Pin, Piston
8	3402-216	1	Bearing – Right	17	3423-280	2	Circlip
9	3402-221	1	Bearing – Middle	18	3402-227	1	Seal, Oil
10	3402-180	1	Bearing – Left	19	3402-306	1	Piston Set (Oversized 0,50 mm)*
11	3423-053	1	O-Ring		3402-307	1	Piston Set (Oversized 1,00 mm)*



STARTER CLUTCH ASSEMBLY

0733-748

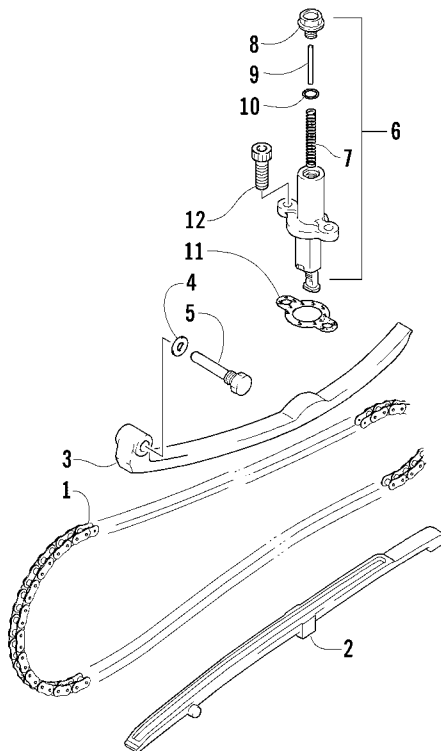
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-274	1	Gear, Starter Idler	4	3402-273	1	Clutch Set, Starter (inc. 5)
2	3423-267	1	Pin	5	3402-222	1	● Bearing
3	3402-145	1	Spacer	6	3423-309	3	Screw, Cap



CAMSHAFT/VALVE ASSEMBLY

0733-749

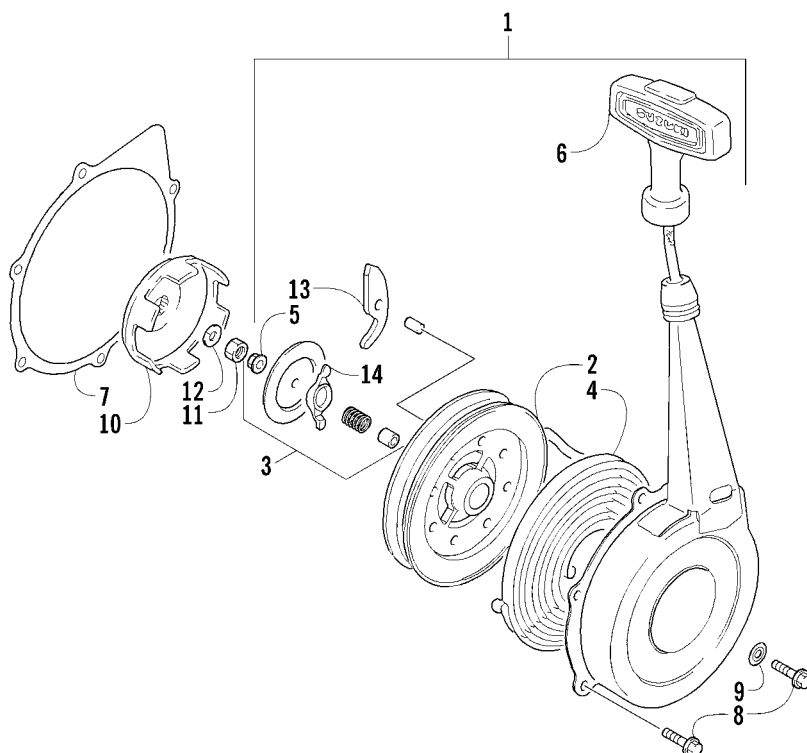
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-275	1	Camshaft	14	3402-296	1	Lever, Decompression
2	3402-545	1	Sprocket	15	3402-225	1	Seal, Oil
3	3423-047	1	Pin	16	3402-242	1	Spring
4	3423-284	1	Washer	17	3004-326	1	Nut
5	3423-013	2	Screw	18	3402-289	2	Shaft, Rocker Arm
6	3423-071	1	C-Ring	19	3423-052	2	O-Ring
7	3402-288	2	Arm, Valve Cocker (inc. 8-9)	20	3423-259	2	Washer
8	3423-287	2	● Screw, Cap	21	3003-290	2	Gasket
9	3423-288	2	● Nut	22	0693-416	2	Screw, Cap
10	3402-226	2	Seal, Oil	23	3402-290	1	Valve, Intake
11	3402-294	2	Seat, Valve Spring	24	3402-291	1	Valve, Exhaust
12	0693-281	4	Cotter, Valve	25	3402-292	2	Spring, Valve – Set
13	3402-295	1	Shaft, Decompression Lever	26	3402-293	2	Retainer, Spring



CAM CHAIN ASSEMBLY

0733-750

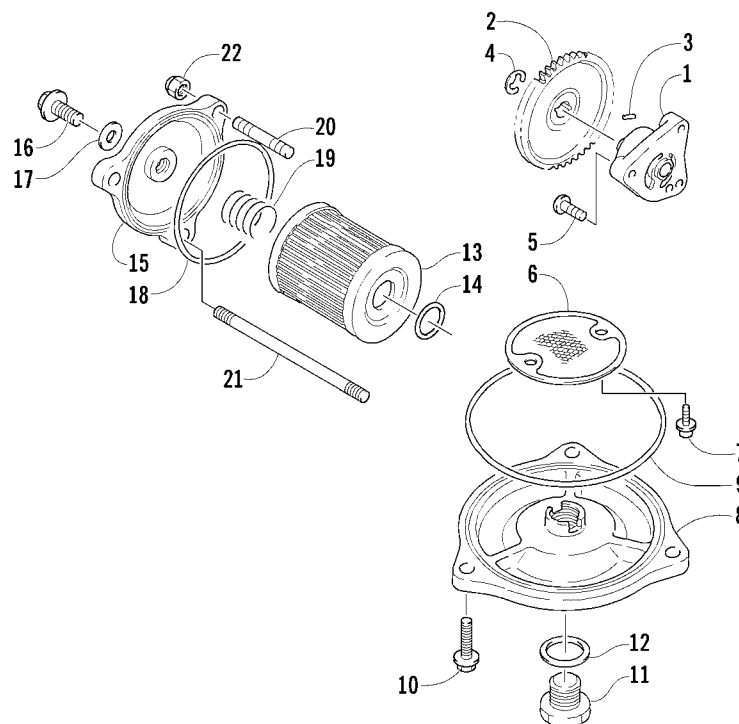
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-281	1	Chain, Camshaft	7	3402-284	1	● Spring
2	3402-277	1	Guide, Camshaft Chain	8	3402-285	1	● Plug
3	3402-282	1	Tensioner, Camshaft Chain	9	3402-286	1	● Bar
4	3423-074	1	Screw, Cap	10	3423-286	1	● O-Ring
5	3003-188	1	Washer	11	3402-287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



RECOIL STARTER ASSEMBLY

0736-194

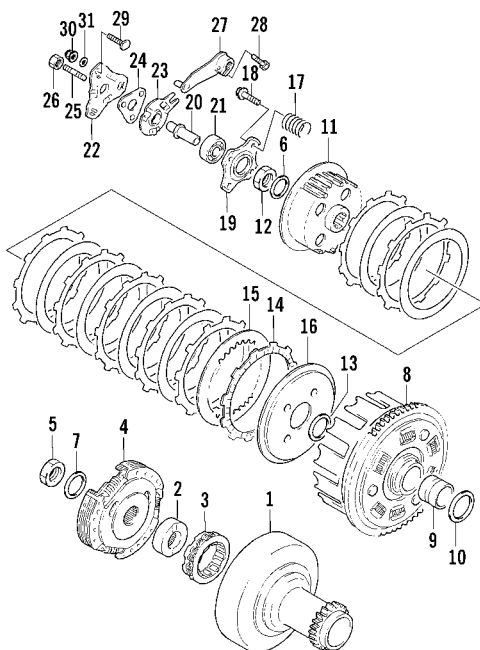
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3445-018	1	Starter, Recoil – Assembly (inc. 2-6 and 13-14)	8	3423-428	6	Screw, Cap
2	3445-019	1	● Reel	9	3003-290	1	Gasket
3	3445-016	1	● Ratchet – Assembly (inc. 13-14)	10	3445-022	1	Cup, Starter
4	3445-007	1	● Spring, Spiral	11	3004-336	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	3445-028	1	Gasket, Recoil Starter	14	3445-006	1	Guide, Ratchet



OIL PUMP ASSEMBLY

0733-752

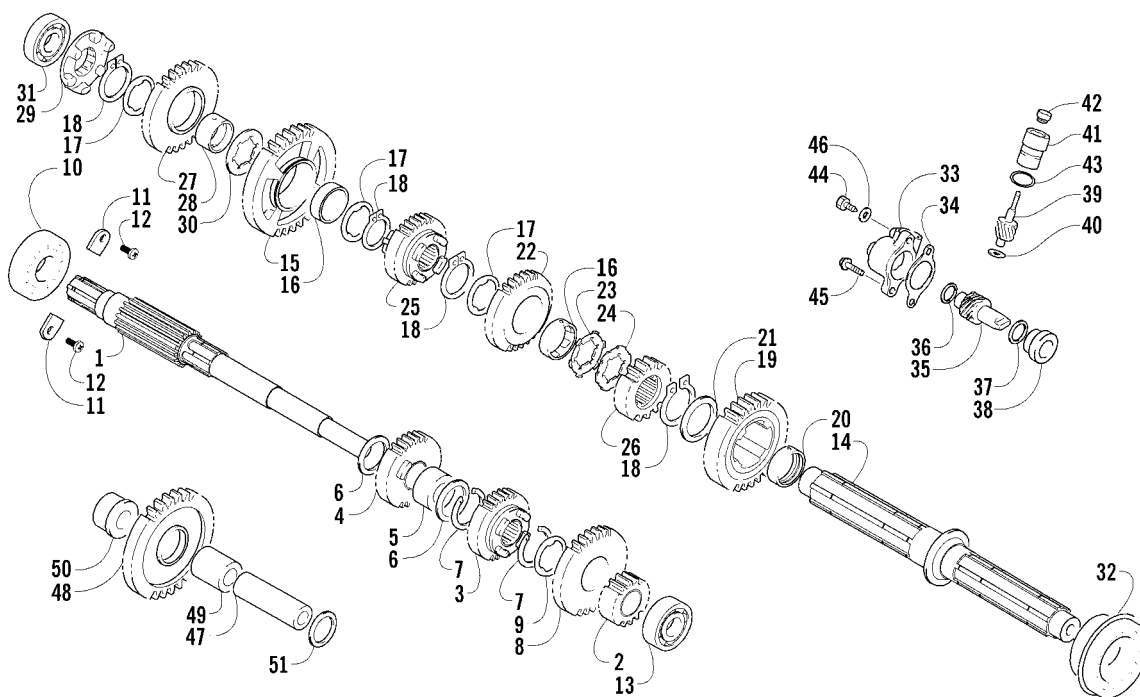
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3445-017	1	Pump, Oil	12	3402-012	1	Gasket
2	3402-302	1	Gear, Driven	13	3436-005	1	Filter, Oil
3	3423-285	1	Pin	14	3423-270	1	O-Ring
4	3423-168	1	Circlip	15	3402-303	1	Cap, Oil Filter
5	3004-402	3	Screw, Cap	16	3004-705	1	Plug, Oil Check
6	3402-304	1	Strainer, Oil	17	3402-444	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	22	3423-315	3	Nut



CLUTCH ASSEMBLY

0733-753

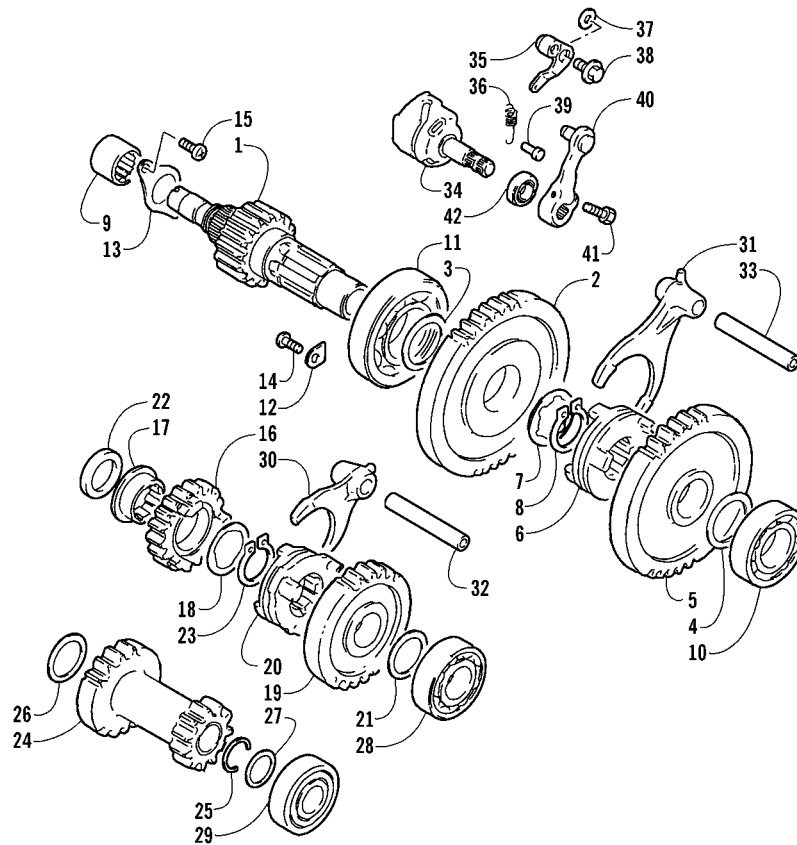
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3446-253	1	Gear, Primary Drive	17	3402-239	4	Spring
2	3446-129	1	Race, Inner	18	3004-341	4	Screw, Cap
3	3446-122	1	Clutch, One Way	19	3446-127	1	Plate, Release
4	3446-128	1	Clutch Assembly	20	3446-130	1	Rod, Push
5	3423-253	1	Nut	21	3402-043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



TRANSMISSION ASSEMBLY

0738-764

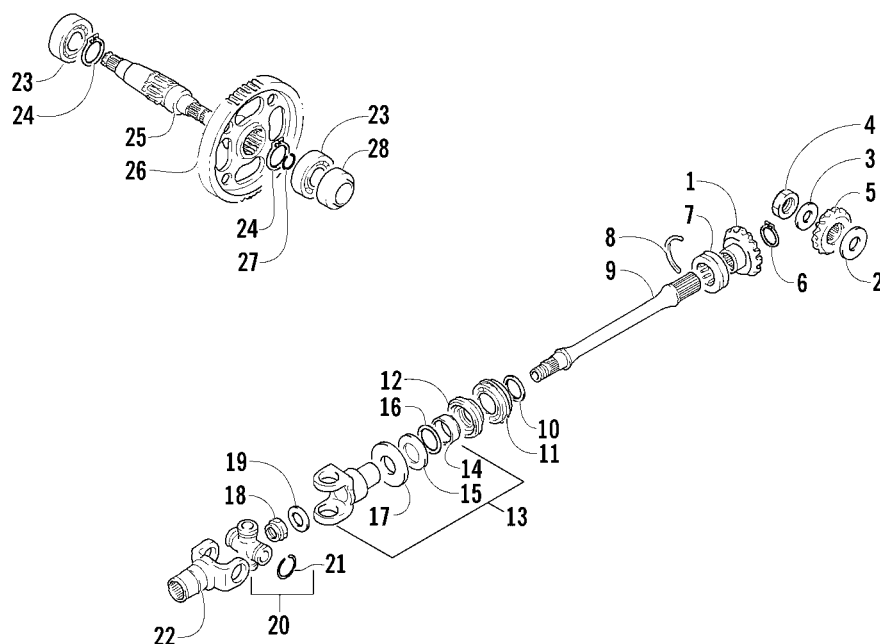
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3446-277	1	Countershaft	2	3446-151	1	Gear, Reverse Driven
2	3446-137	1	Gear, 2 nd Drive	28	3446-145	1	Bushing
3	3446-138	1	Gear, 3 rd Drive	29	3446-152	1	Dog, Reverse
4	3446-139	1	Gear, 4 th Drive	30	3423-263	1	Washer
5	3402-229	1	Bushing	31	3402-218	1	Bearing – Right
6	3402-210	2	Washer	32	3402-220	1	Bearing – Middle
7	3423-279	2	Circlip	33	3446-057	1	Housing, Speedometer Gear
8	3446-140	1	Gear, 5 th Drive	34	3446-244	1	Gasket
9	3423-261	1	Washer	35	3446-228	1	Gear, Speedometer Drive
10	0691-374	1	Bearing – Right	36	3423-336	1	Washer – Right
11	3446-031	2	Retainer	37	3423-337	1	Washer – Left
12	3423-370	2	Screw	38	3446-114	1	Spacer
13	3402-224	1	Bearing – Middle	39	3446-229	1	Gear, Speedometer Driven
14	3402-797	1	Driveshaft	40	3423-144	1	Washer
15	3446-141	1	Gear, 1 st Driven	41	3446-058	1	Sleeve
16	3446-273	2	Bushing	42	3402-077	1	Seal, Oil
17	3423-036	3	Washer	43	3423-056	1	O-Ring
18	3423-066	4	Circlip	44	3423-123	1	Screw, Cap
19	3446-142	1	Gear, 2 nd Driven	45	3423-346	2	Screw, Cap
20	3402-230	1	Bushing	46	3402-009	1	Washer
21	3423-317	1	Washer	47	3446-148	1	Shaft, Reverse Idle
22	3446-143	1	Gear, 3 rd Driven	48	3446-149	1	Gear, Reverse Idle
23	3423-266	1	Washer, Lock	49	3402-228	1	Bushing
24	3423-262	1	Washer, Lock	50	3446-150	1	Spacer
25	3446-146	1	Gear, 4 th Driven	51	3402-209	1	Washer
26	3446-147	1	Gear, 5 th Driven				



SECONDARY TRANSMISSION ASSEMBLY

0737-850

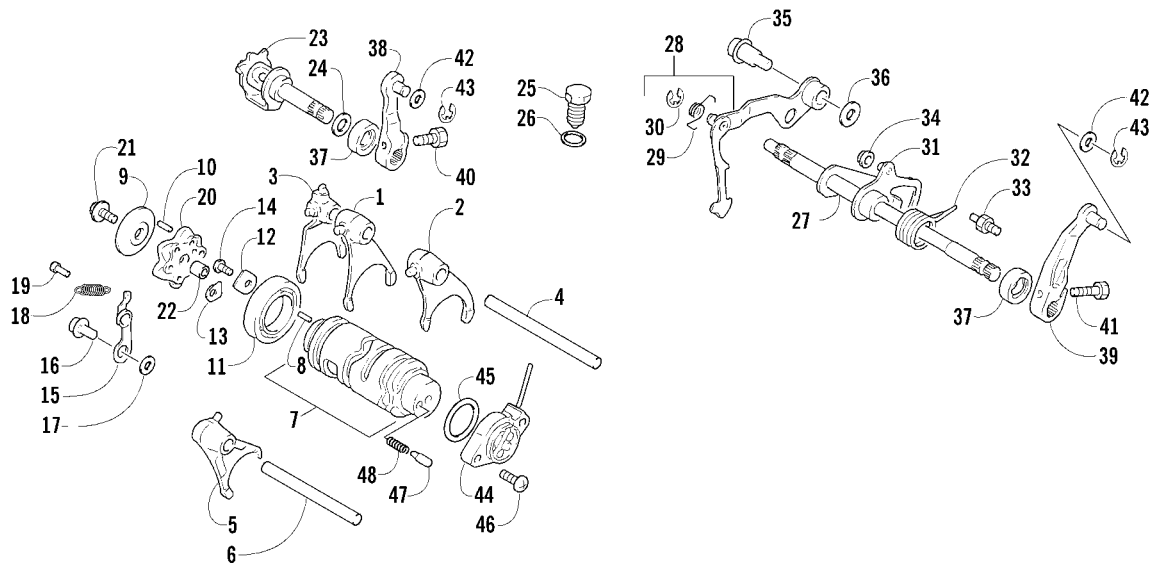
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-798	1	Shaft, Sub-Transmission	22	3402-207	1	Spacer
2	3446-207	1	Gear, Driven	23	3423-066	1	Circlip
3	3423-338	1	Washer – Right	24	3446-272	1	Gear, Idler (inc. 25)
4	3423-298	1	Washer – Left	25	3423-534	1	● Circlip
5	3446-208	1	Gear, Driven	26	3402-205	1	Washer
6	3446-209	1	Dog, Driven Gear	27	3423-319	1	Washer
7	3423-317	1	Washer	28	3003-261	1	Bearing, Drive – Left
8	3423-318	1	Circlip	29	3402-217	1	Bearing, Countershaft – Left
9	3402-278	1	Bearing – Right	30	3446-185	1	Fork
10	3004-209	1	Bearing – Left	31	3446-210	1	Fork
11	3402-180	1	Bearing – Middle	32	3446-271	1	Shaft
12	3446-031	2	Retainer	33	3446-230	1	Shaft
13	3446-154	1	Retainer	34	3446-211	1	Cam, Sub-Transmission Gear
14	3423-370	2	Screw	35	3446-187	1	Stopper
15	3003-484	2	Screw	36	3402-241	1	Spring
16	3446-275	1	Gear, Drive	37	3423-141	1	Washer
17	3446-259	1	Bushing	38	3423-535	1	Screw, Cap
18	3423-036	1	Washer	39	3423-268	1	Pin
19	3446-182	1	Gear, Drive	40	3446-116	1	Arm
20	3446-183	1	Dog, Drive Gear	41	3423-125	1	Screw, Cap
21	3402-195	1	Washer	42	3402-076	1	Seal, Oil



SECONDARY GEAR/OUTPUT SHAFT ASSEMBLY

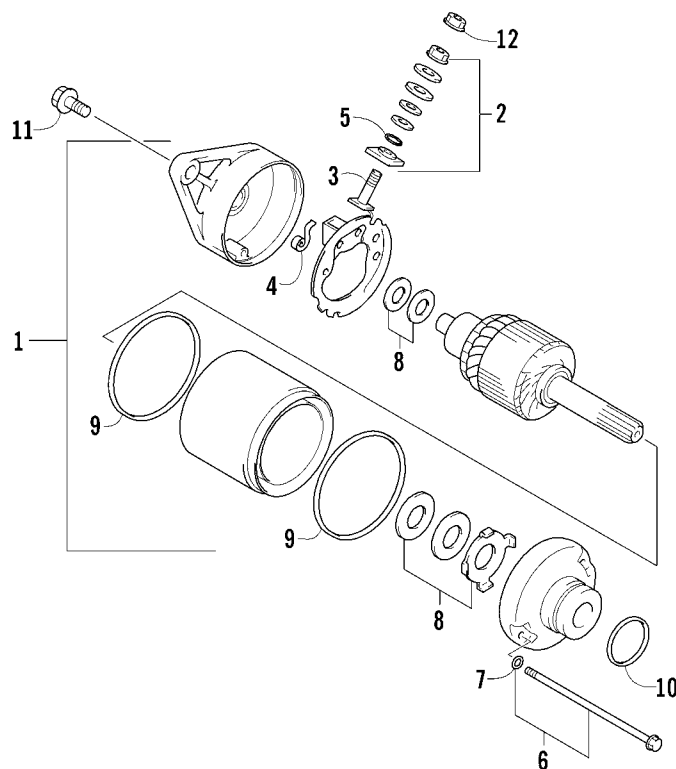
0738-705

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3446-197	1	Gear, Secondary Drive Bevel	11	3402-067	1	Bearing, Front
2	3446-035	1	Shim Set, Secondary Drive Bevel	12	3402-072	1	Seal, Oil
3	3423-032	1	Washer	13	3435-090	1	Yoke, Output – Front (inc. 14-17)
4	3423-537	1	Nut	14	3435-029	1	● Collar
5	3446-198	1	Gear, Secondary Drive Bevel	15	3435-030	1	● Plate, Oil Seal
6	3423-340	1	Circlip	16	3423-060	1	● O-Ring
7	3402-515	1	Bearing, Rear	17	3423-035	1	● Plate
8	3423-072	1	Ring	18	3423-025	1	Nut
9	3446-199	1	Shaft, Secondary Output	19	3423-028	1	Washer
10	3402-308	AR	Shim, 25 x 34 x 0,50 mm	20	3435-011	1	Joint, Universal (inc. 21)
	3402-017	AR	Shim, 25 x 34 x 0,60 mm	21	3423-067	4	● Circlip
	3402-018	AR	Shim, 25 x 34 x 0,65 mm	22	3435-002	1	Yoke, Output Shaft Joint
	3402-019	AR	Shim, 25 x 34 x 0,70 mm	23	3402-219	2	Bearing
	3402-020	AR	Shim, 25 x 34 x 0,75 mm	24	3423-321	2	Circlip
	3402-021	AR	Shim, 25 x 34 x 0,80 mm	25	3446-176	1	Shaft, Rear Final Driven
	3402-022	AR	Shim, 25 x 34 x 0,85 mm	26	3446-175	1	Gear, Driven
	3402-023	AR	Shim, 25 x 34 x 0,90 mm	27	3423-281	2	Ring
	3402-024	AR	Shim, 25 x 34 x 0,95 mm	28	3402-072	2	Seal, Oil
	3402-025	AR	Shim, 25 x 34 x 1,00 mm				
	3402-028	AR	Shim, 25 x 34 x 1,05 mm				
	3402-029	AR	Shim, 25 x 34 x 1,10 mm				
	3402-030	AR	Shim, 25 x 34 x 1,15 mm				
	3402-031	AR	Shim, 25 x 34 x 1,20 mm				



GEAR SHIFTING ASSEMBLY

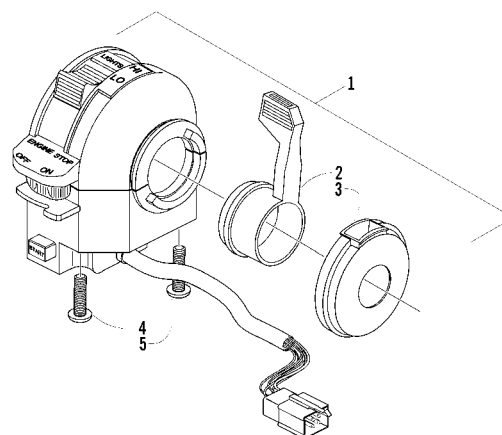
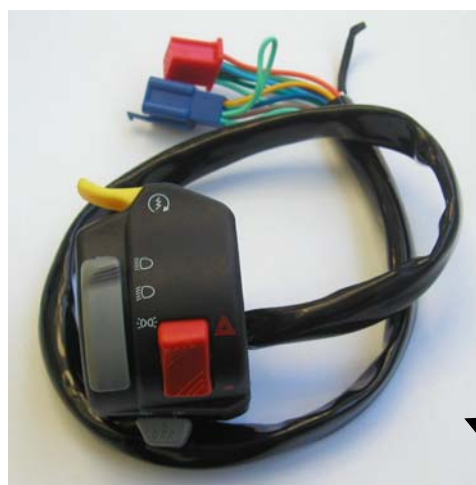
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3446-155	1	Fork, Gear Shifting	25	3446-164	1	Stopper, Cam
2	3446-156	1	Fork, Gear Shifting	26	3402-012	1	Gasket
3	3446-159	1	Fork, Gear Shifting	27	3446-169	1	Shaft, Gear Shifting
4	3446-167	1	Shaft	28	3446-170	1	Arm, Gear Shifting (inc. 29-30)
5	3446-157	1	Fork, Gear Shifting	29	3402-312	1	● Spring
6	3446-051	1	Shaft	30	3423-368	1	● E-Ring
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	3423-370	2	Screw, Cap	38	3446-055	1	Arm
15	3446-165	1	Stopper, Cam	39	3446-115	1	Arm, Reverse Shift
16	3423-535	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	3430-050	1	Base, Gear Shift – Assembly
21	3006-086	1	Bolt	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



STARTER MOTOR ASSEMBLY

0737-853

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3545-017	1	Motor, Starter – Assembly (inc. 2-10)	7	3423-496	2	● ● O-Ring
2	3402-671	1	● Terminal Set, Brush	8	3008-099	1	● Washer Set
3	3402-799	1	● Holder Set, Brush	9	3423-397	2	● O-Ring
4	3008-551	2	● Spring, Brush	10	3008-363	1	● O-Ring
5	3008-164	1	● O-Ring	11	3004-756	2	Screw, Cap
6	3423-536	2	● Through-Bolt (inc. 7)	12	3423-195	1	Nut

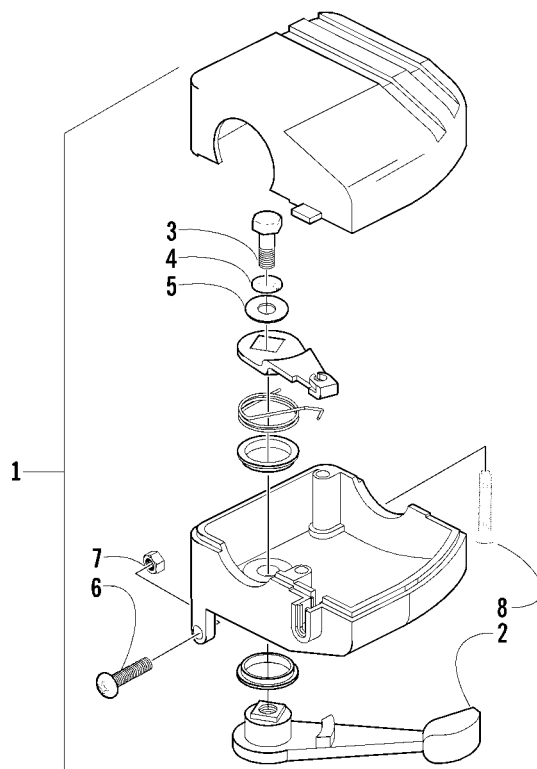


6

CONTROL SWITCH HOUSING ASSEMBLY

0737-650

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3509-001	1	Switch, Control – Assembly (inc. 2-5)	4	3423-196	1	● Screw, Cap
2	3409-009	1	● Lever, Choke	5	3423-197	1	● Screw, Cap
3	3409-010	1	● Cover, Choke Lever				
Homologated ATV's							
6	AC000-018	1	Switch combi 2005				



THROTTLE CASE ASSEMBLY

0737-633

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3509-003	1	Case, Throttle – Assembly (inc. 2-8)	5	3003-030	1	● Washer
2	3409-001	1	● Lever	6	3423-014	1	● Screw
3	3004-533	1	● Screw, Cap	7	3423-327	1	● Nut
4	3004-447	1	● Washer, Lock	8	3423-199	2	● Screw

RELATED ITEMS

2005 ATV 300 4x4

Red (Model No.)
Green (Model No.)
Cat Green (Model No.)

0436-479	Articulating Spool mount	2257-174	Manual, Illustrated Parts
0436-679	Bag, Fender – Black	2257-034	Manual Operator's (E)
0436-336	Bag, Rack, Front, Black	2257-172	Manuel d'utilisation (F)
0436-480	Bar, Utility/Gun Rack	0436-005	Oil, Engine – 10W40
0436-626	Basket, Rack	0436-003	Oil, Engine – 5W30
0436-640	Brush Guard Bumper	0436-649	Rack Extension, 4 in. (Front)
0436-462	Bucket Holder	0436-648	Rack Extension, 8 in. (Rear)
0436-616	Bumper (Rear)	0436-579	Rapid Blind (Break-up)
0436-464	Camp Stove Cradle	0436-580	Rapid Blind (Shadow Grass)
0436-454	Cargo Box	0436-578	Rapid Shack (Blue Ice)
0436-625	Cargo Box Quick-Release Kit	0436-511	Rod Holder – Adjustable
0436-459	Carryall (9 x 12)	0436-228	Snowplow Blade, 50 in. – Straight (use w/0436-356)
0436-460	Carryall (11 x 17)	0436-287	Snowplow Blade, 50 in. – One- Way (use w/0436-356)
0436-652	Carryall (14 x 27)	0436-356	Snowplow Push Frame
0436-476	Chain Saw Lock	0436-357	Snowplow Attachment Kit
0436-477	Cord Reel	0436-471	Speedclamp, Double
0436-381	Cover, Green and Black	0436-624	Sprayer System
0436-339	Cover, Timber Camo	0436-508	Sprayer Boom (120 in.)
0436-151	CV Joint Protectors (Rear)	0436-465	Table, Expansion
0436-466	Fender Box	0436-478	Tool Caddy
0436-467	Gear Cradle	0436-297	Tool Holders – Double
0436-007	Gear Lube (Diff) – 80W90	0436-263	Tool Holders - Single
0436-501	Grease, High-Performance	0436-468	Tree Stand/Bow Case Holder
0436-627	Gun Scabbard Kit	0436-329	Winch Kit, 2500 lb
0436-706	Gun Scabbard Mount	0436-361	Winch Mounting Kit
0436-505	Hand Guards, Black	0436-507	Windshield, Clear w/Black Accent
0436-352	Hand/Thumb Warmers	0436-470	Workbase (8 in.)
0436-639	Ice Auger Holder		
0436-463	Light Bar		

■ **NOTE:** For a complete list of related items, refer to the current accessory catalog.

