



ATV Illustrated Parts Manual

ATV 400 ACE

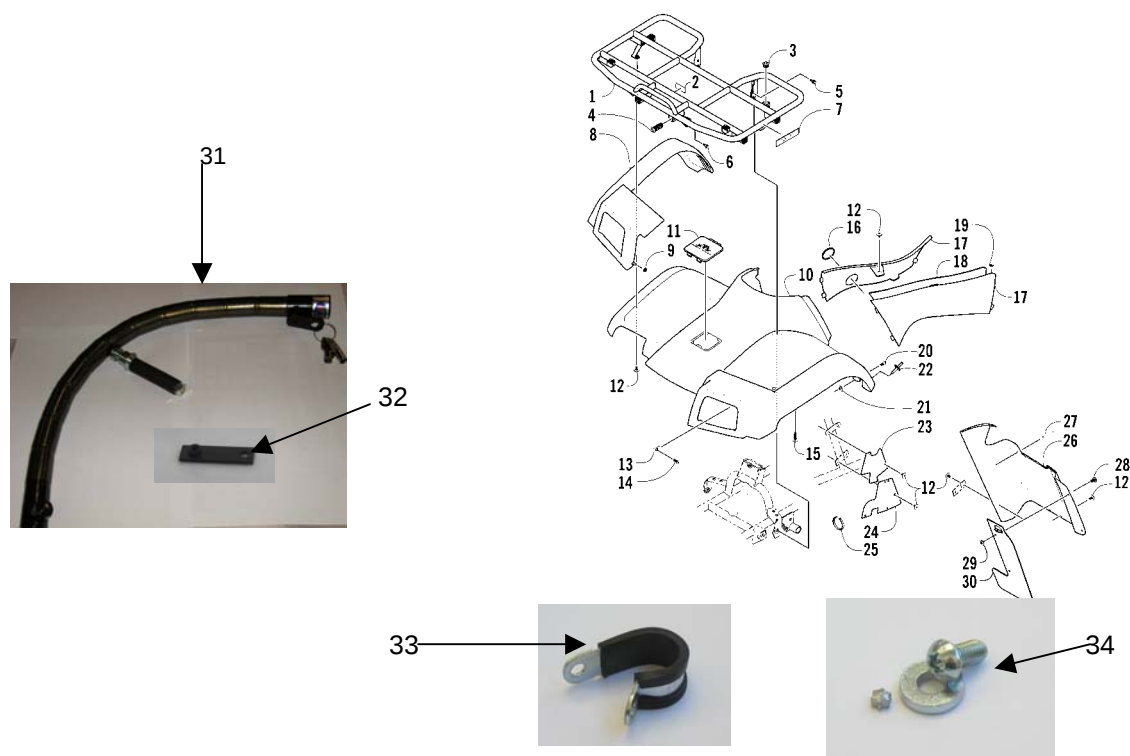
2005

ARCTIC CAT[®]



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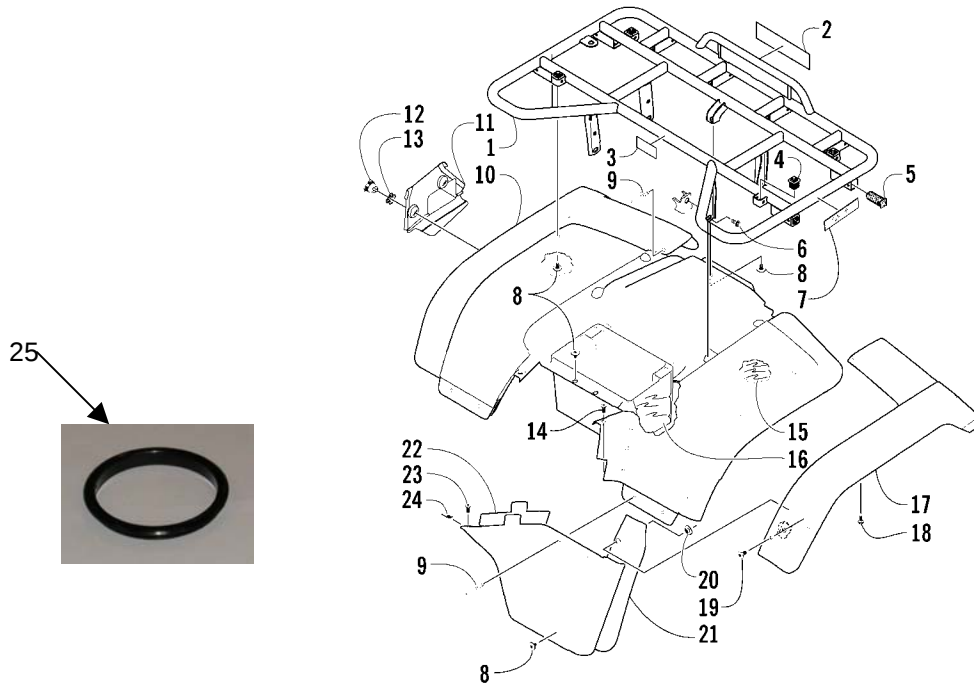
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FRONT BODY PANEL ASSEMBLY

0739-507

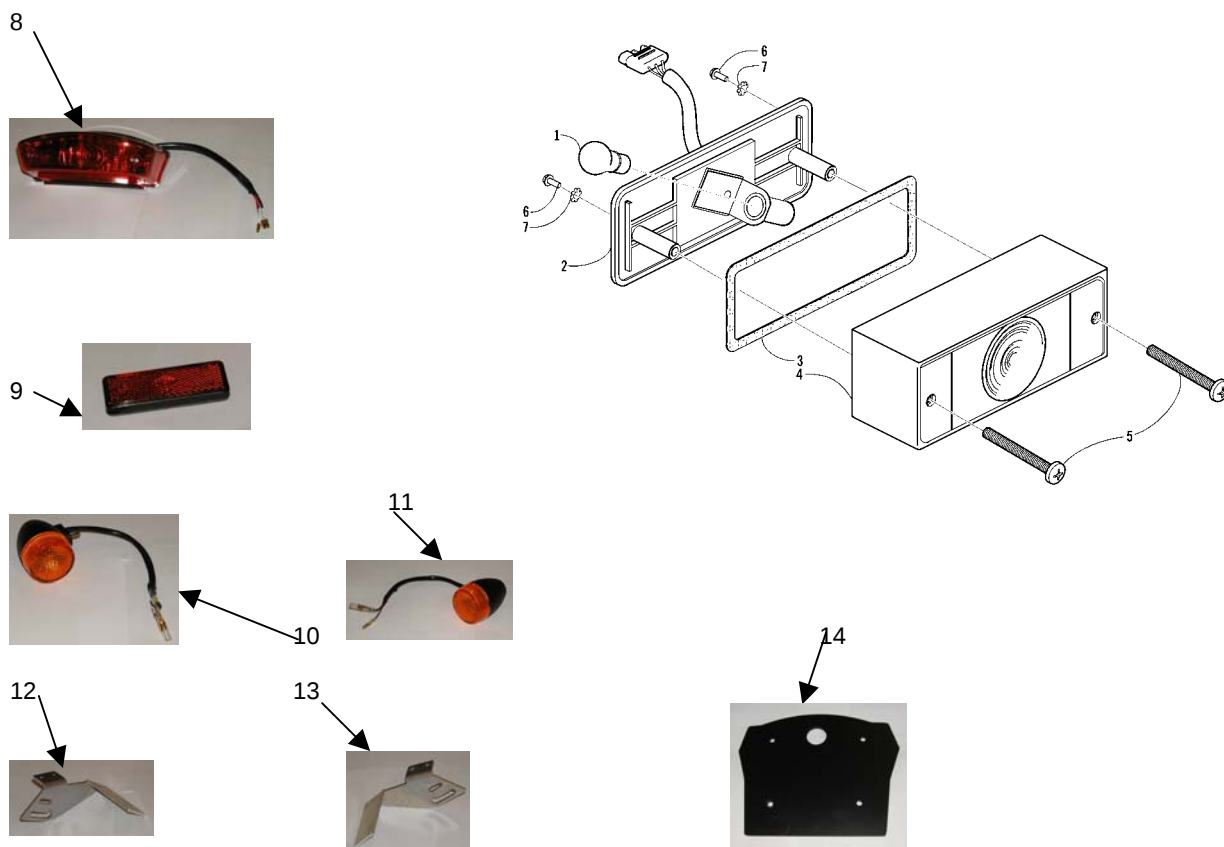
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0541-267</u>	1	Rack – Front – Assembly (inc. 2-4)	16	0470-404	1	Grommet, Fuel Shut-Off Valve
2	0411-576	1	● Decal, Warning – Front Rack Load	17	0506-548	1	Panel, Side – Right
3	0441-592	4	● Bushing, Rack		0506-243	1	Panel, Side – Left
4	0441-556	6	● Bushing, Rack		0506-549	1	Panel, Side – Right (Green)
5	8408-816	2	Screw, Cap		0506-673	1	Panel, Side – Left (Green)
6	0423-360	2	Screw, Cap		0506-722	1	Panel, Side – Right (Cat Green)
7	0411-646	2	Decal, Reflector – Amber		0506-723	1	Panel, Side – Left (Cat Green)
8	1506-158	1	Flare – Front – Right	18	0412-142	1	Shield, Heat
	1506-159	1	Flare – Front – Left	19	0123-010	2	Nut, Expansion
9	0423-357	2	Nut, Stamped	20	0423-356	2	Screw, Shoulder
10	<u>1506-477</u>	1	Panel, Fender – Front (inc. 11)	21	0423-438	2	T-Nut w/Teeth
	<u>1506-476</u>	1	Panel, Fender – Front (inc. 11) (Green)	22	0623-362	2	Rivet, Reinstallable
	<u>1506-478</u>	1	Panel, Fender – Front (inc. 11) (Cat Green)	23	1406-063	2	Panel, Fender-Inner-Upper
11	1406-142	1	● Cover, Access	24	<u>1406-481</u>	2	Panel, Fender-Inner-Lower
	1406-141	1	● Cover, Access (Green)	25	0123-788	AR	Cable, Tie – 7.5 in.
	1406-041	1	● Cover,	26	1506-199	1	Panel, Kick – Right
12	0423-101	AR	Screw, Body		1506-193	1	Panel, Kick – Left
13	0423-031	2	Nut, Speed	27	0423-046	AR	Rivet, Plastic
14	8477-616	2	Screw, Machine	28	0423-361	4	Screw, Machine
15	0423-342	6	Screw, Self-Tapping	29	0423-077	4	T-Nut w/Teeth
				30	1506-194	2	Extension, Flare
Homologated ATV's							
31	AC000-790	1	Anti theft device	33	AC008-791	1	Clamp 25mm, anti theft device
32	AC000-793	1	Bracket, anti theft device	34	AC008-795	1	Star screw



REAR BODY PANEL ASSEMBLY

0739-511

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0541-268</u>	1	Rack – Rear – Assembly (inc. 2-5)	12	1406-409	2	Key, Fuse Block Shield
	<u>0541-293</u>	1	Rack – Rear – Assembly (inc. 2-5) (LE)	13	1406-410	2	Spring, Fuse Block Shield
2	<u>0411-814</u>	1	● Decal, “Arctic Cat”	14	0423-068	AR	Screw, Machine
	<u>0411-947</u>	1	● Decal, “Arctic Cat” (LE)	15	0412-124	1	Shield, Heat
3	0411-648	1	● Decal, Warning – Rear Rack Load	16	0412-147	1	Shield, Heat
4	0441-592	4	● Bushing Rack	17	0506-552	1	Flare, Rear-Right
5	0441-556	8	● Bushing Rack		0506-553	1	Flare, Rear-Left
6	8409-020	4	Screw, Cap	18	0423-342	6	Screw, Self-Tapping
7	0411-647	2	Decal, Reflector – Red	19	0423-355	2	Screw, Shoulder
8	0423-101	AR	Screw, Body	20	0423-438	2	T-Nut w/Teeth
9	0423-046	AR	Rivet, Plastic	21	1506-042	1	Fender Extension – Rear - Right
10	<u>1506-520</u>	1	Panel, Fender – Rear		0406-085	1	Fender Extension – Rear - Left
	<u>1506-519</u>	1	Panel, Fender – Rear (Green)	22	0412-140	1	Shield, Heat
	<u>1506-518</u>	1	Panel, Fender – Rear (Cat Green)	23	0623-309	2	Screw, Self-Tapping
11	1406-408	1	Shield, Fuse Block	24	0423-060	2	Clip, Tinerman
Homologated ATV's							
25	0470-404	2	grommet				

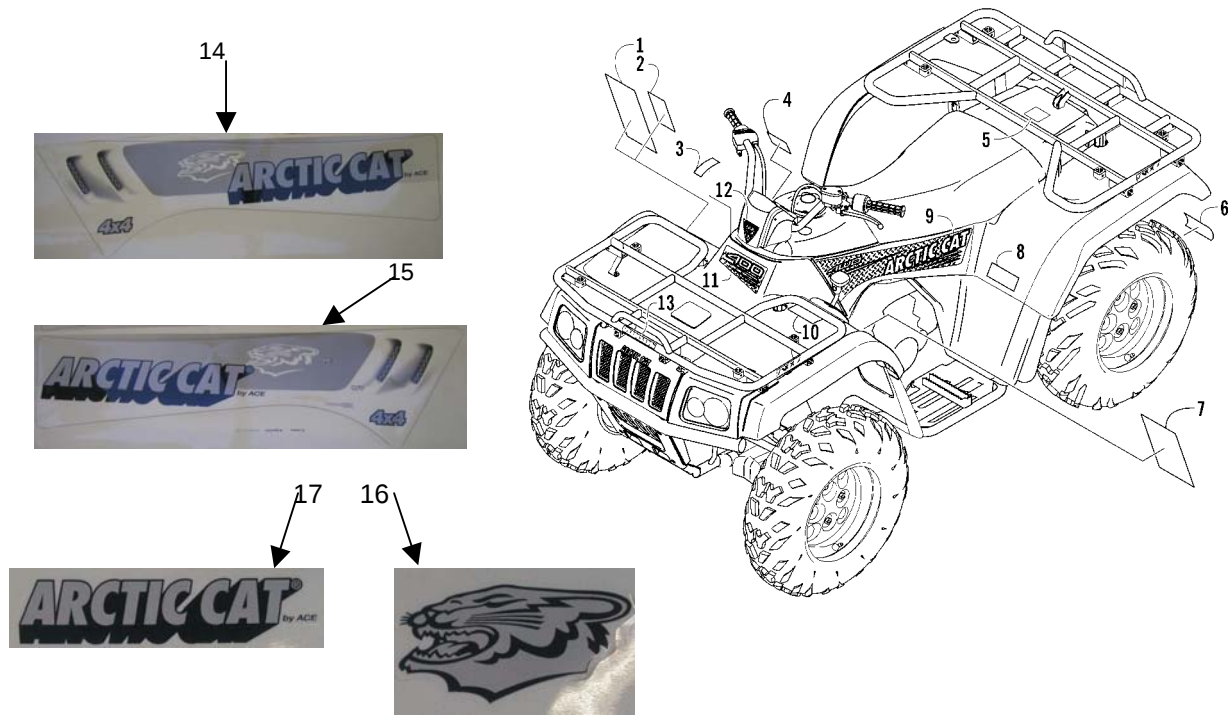


TAILLIGHT ASSEMBLY

(Complete Taillight Assembly p/n 0409-002)

0732-336

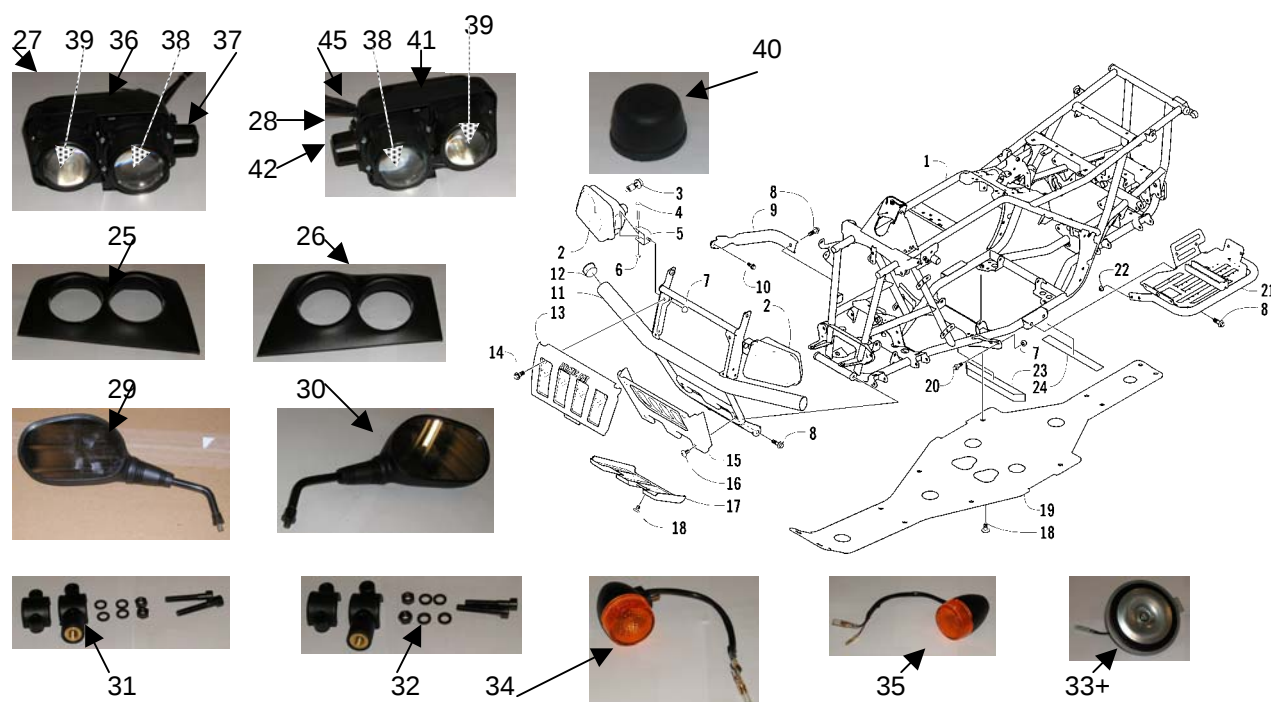
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0109-460	1	Bulb, Stop/Taillight	5	0409-010	2	Screw, Machine
2	0409-058	1	Taillight w/Socket Assembly	6	0623-301	2	Screw, Self-Tapping
3	0409-012	1	Gasket, Taillight Lens	7	8053-212	2	Washer, Lock – External Tooth
4	0409-007	1	Lens, Taillight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



DECALS

0739-515

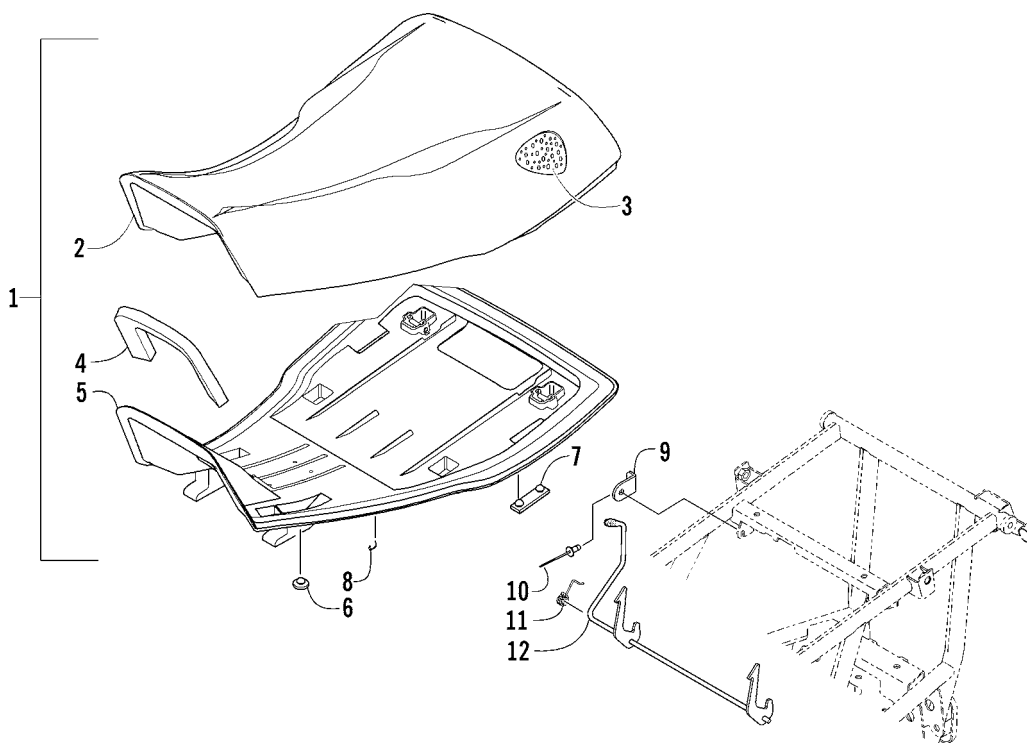
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0411-008	1	Decal, Warning – Reverse/Pre-Ride		<u>0411-778</u>	1	Decal, Side – Right (Cat Green)
2	<u>0411-835</u>	1	Decal, Warning – Turn		<u>0411-779</u>	1	Decal, Side – Left (Cat Green)
3	0411-426	1	Decal, Warning – Clutch Cover	10	0411-401	1	Decal, Warning – Age
4	<u>0411-763</u>	1	Decal, Warning – Differential Lock	11	<u>0411-771</u>	1	Decal, Front
5	0411-435	1	Decal, Passenger		<u>0411-773</u>	1	Decal, Front (Green)
6	0411-267	1	Decal, Warning – Towing		<u>0411-772</u>	1	Decal, Front (Cat Green)
7	0411-218	1	Decal, Warning - General	12	<u>0411-780</u>	1	Decal, Crest
8	0411-430	1	Decal, Warning – Tire Pressure		<u>0411-782</u>	1	Decal, Crest (Green)
9	<u>0411-774</u>	1	Decal, Side – Right		<u>0411-781</u>	1	Decal, Crest (Cat 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)				
	<u>0411-777</u>	1	Decal, Side – Left (Green)				
Homologated ATV's							
14	AC000-640	1	Decal side ACE LH	16	AC000-642	1	Decal front Tiger
15	AC000-641	1	Decal side ACE RH	17	AC000-643	1	Decal front Logo



FRAME AND RELATED PARTS

0739-524

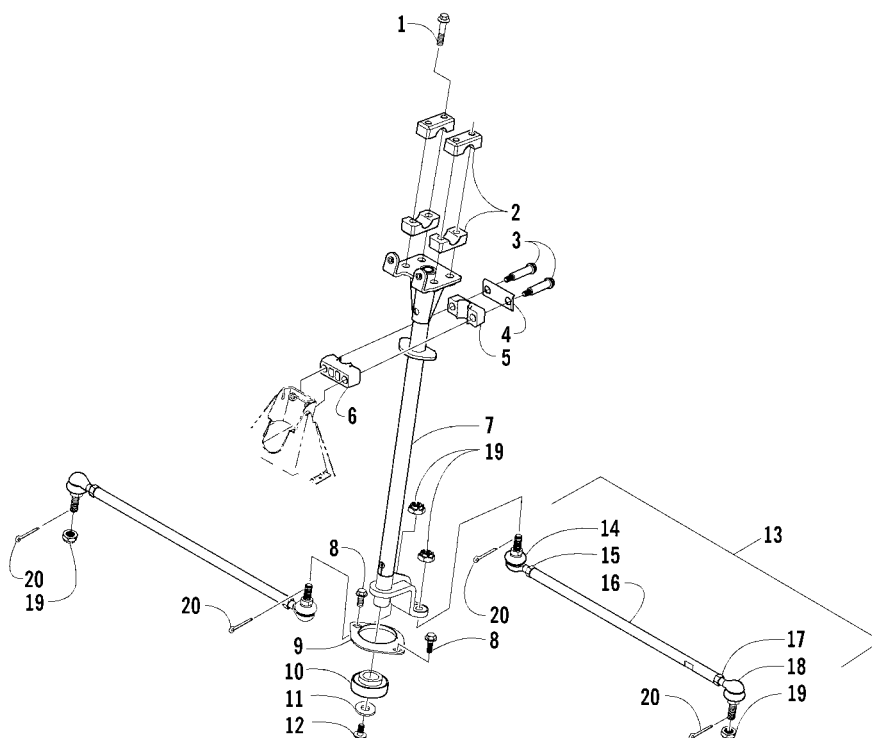
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1506-465	1	Frame, Main	14	0423-361	2	Screw, Machine
2	0409-032	1	Headlight Assembly – Right (inc. 3-6)	15	1406-420	1	Grille, Bumper - Lower
	0409-031	1	Headlight Assembly – Left (inc. 3-6)	16	8468-830	4	Screw, Machine
3	0409-045	2	● Bulb, Headlight	17	1441-006	1	Plate, Skid
4	8410-860	2	● Screw, Cap		1441-008	2	Plate, Skid (Green)
5	0406-945	2	● Bracket, Headlight Mounting		1441-007	1	Plate, Skid (Cat Green)
6	0423-375	2	● Nut, Lock	18	0423-101	AR	Screw, Body
7	8424-802	6	Nut, Flange	19	1406-030	1	Panel, Belly
8	8409-020	8	Screw, Cap	20	8408-816	4	Screw, Cap
9	0506-653	2	Channel, Bumper Mounting	21	0506-534	1	Footrest – Right
10	8408-812	2	Screw, Cap		0506-728	1	Footrest - Left
11	0506-544	1	Bumper	22	8424-602	2	Nut, Flange
12	0406-130	2	Cap, Bumper	23	1506-067	1	Foam, Frame
13	0406-832	1	Grille, Upper	24	0406-289	1	Pad, Frame
Homologated ATV's				35	AC000-145	1	Indicator, right
25	AC000-066	1	Orifice headlight round, r	36	● AC000-071	1	Headlight interior tray right
26	AC000-067	1	Orifice headlight round, l	37	● AC000-074	1	Bracket headlight, right
27	AC000-243	1	Headlight assy., right, (incl. 36-40)	38	● AC000-135	1	Headlight high beam
28	AC000-244	1	Headlight assy., left, (incl. 38, 39, 40, 41-45)	39	● AC000-136	1	Headlight low beam
29	AC000-751	1	Mirror left	40	● AC000-138	2	Rubber, headlight
30	AC000-752	1	Mirror right	41	● AC000-072	1	Headlight interior tray left
31	AC000-753	1	Mirror mounting left	42	● AC000-073	1	Bracket headlight, left
32	AC000-754	1	Mirror mounting right	43	● AC000-227	1	Harness, headlight
33	AC000-158	1	horn				
34	AC000-146	1	Indicator, left				



SEAT ASSEMBLY

0738-364

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0506-558	1	Seat Assembly (inc. 2-8)	7	0406-879	2	● ● Bumper, Seat – Rear
2	0506-556	1	● Cover, Seat	8	0624-528	AR	● Staple
3	0506-555	1	● Foam, Seat	9	1406-087	1	Plate, Retainer
4	1406-060	1	● Foam, Sound	10	8060-284	1	Rivet
5	0406-878	1	● Base, Seat Assembly (inc. 6-7)	11	1406-371	1	Spring, Seat Latch
6	0406-877	2	● ● Bumper, Seat-Front	12	1506-217	1	Latch, Seat



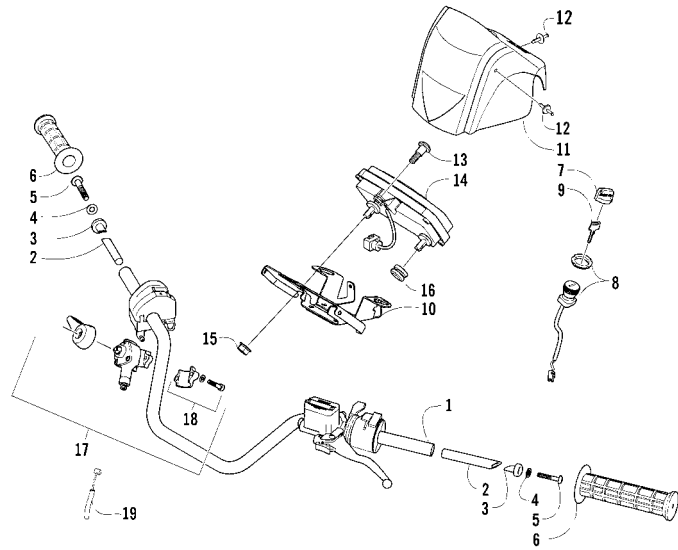
STEERING POST ASSEMBLY

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	0505-408	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	0405-107	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



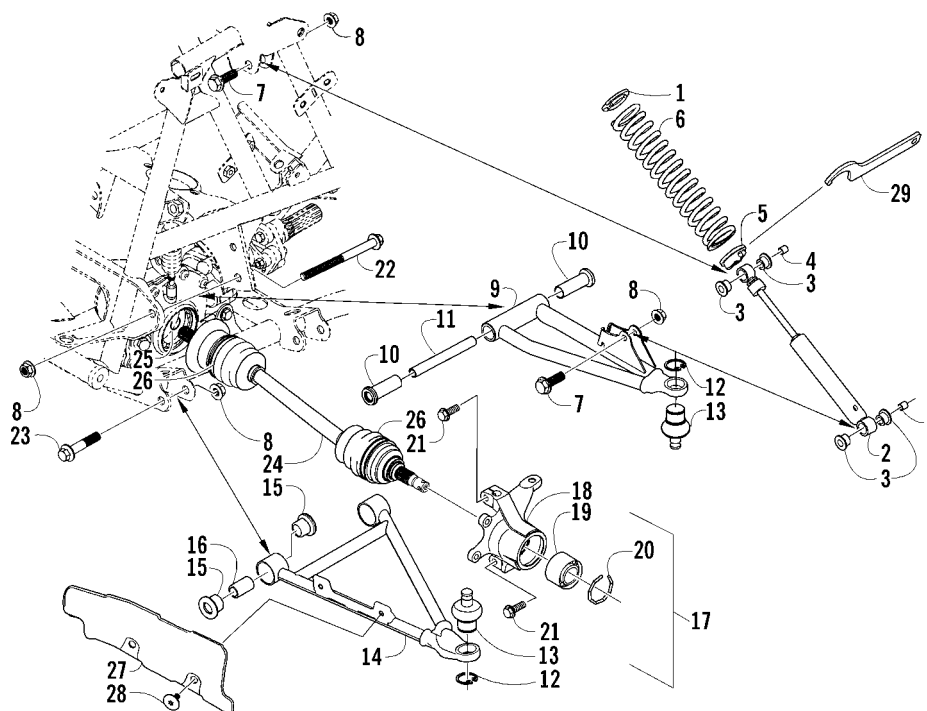
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HANDLEBAR ASSEMBLY

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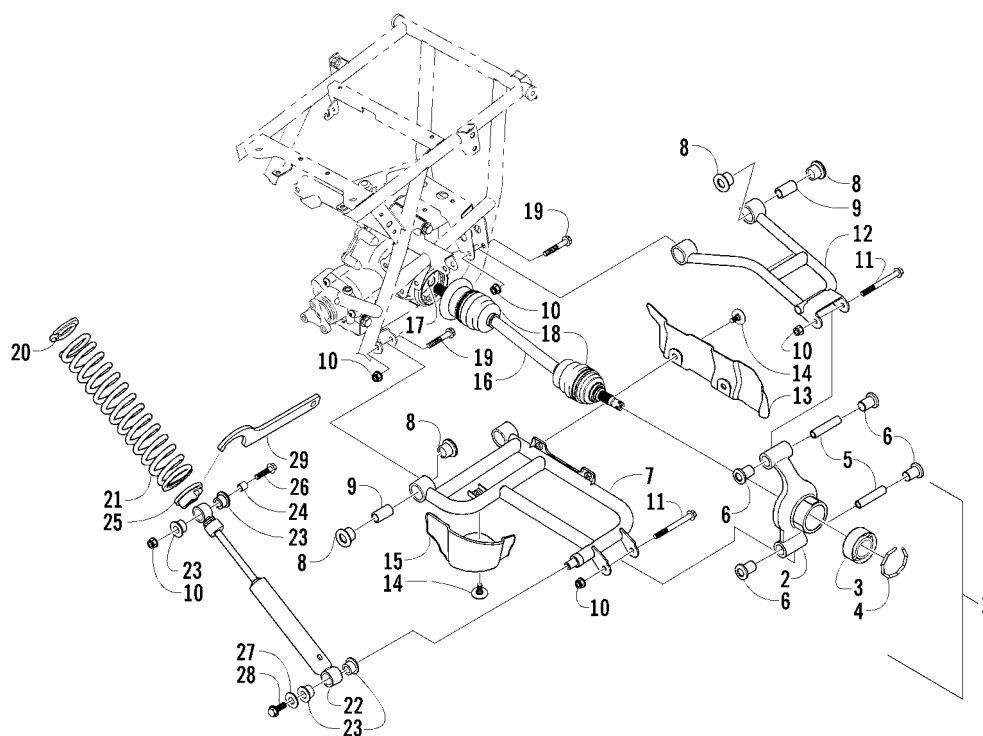
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0505-448</u>	1	Tube, Handlebar	11	0405-133	1	Instrument Pod
2	<u>0405-148</u>	2	Plug, Handlebar		0405-132	1	Instrument Pod (Green)
3	<u>0405-149</u>	2	End Cap, Handlebar		0405-134	1	Instrument Pod (Cat Green)
4	8050-247	2	Washer	12	0623-362	4	Rivet, Reinstallable
5	8477-845	2	Screw, Machine	13	0423-356	1	Screw, Shoulder
6	<u>0405-147</u>	2	Grip, Handlebar	14	<u>0420-052</u>	1	Gauge, Digital
7	0409-013	1	Cover, Key	15	8424-602	1	Nut, Flange
8	3430-040	1	Switch, Ignition – Assembly (inc. 9)	16	0423-448	2	Grommet
9	3409-007	1	● Key, Ignition – Blank (C Series)	17	<u>0502-527</u>	1	Control, Differential Lock (inc. 18)
	3409-011	1	● Key, Ignition – Blank (D Series)	18	<u>0502-613</u>	1	● Clamp, Differential Lock Control - Kit
	3409-012	1	● Key, Ignition – Blank (E Series)	19	<u>0487-030</u>	1	Cable, Differential Lock
	3409-013	1	● Key, Ignition – Blank (F Series)				
10	<u>1506-423</u>	1	Bracket, Mounting – Instrument Pod				
Homologated ATV's							
20	AC000-021	1	Pod black speedometer (incl. 21)				
21	● AC000-151	2	Control indicator				



FRONT SUSPENSION ASSEMBLY

0739-603

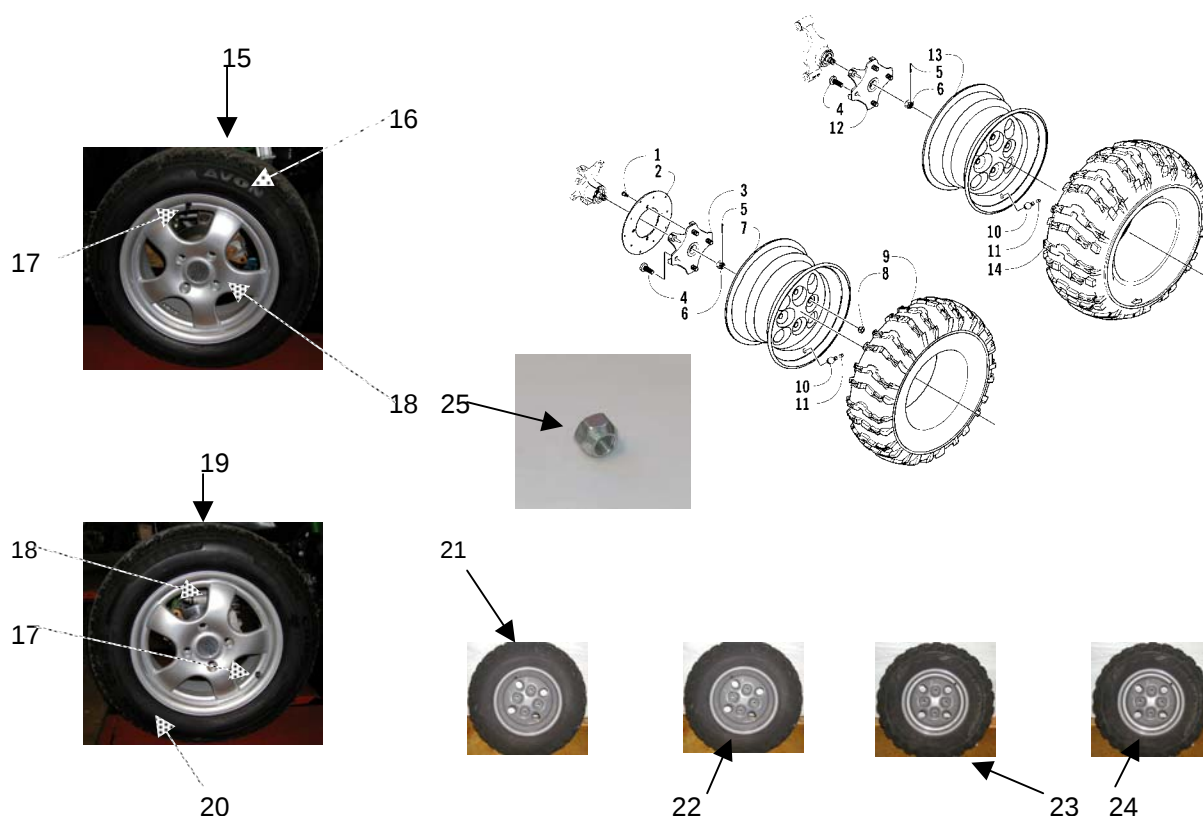
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1603-889	2	Retainer, Spring	15	0403-115	8	● Bushing
2	0403-127	2	Shock Absorber-Front (inc.3-4)	16	0403-114	4	● Collar
3	0604-310	8	● Bushing, Shock Absorber	17	0505-446	1	Knuckle-Assembly – Right (inc. 18-20)
4	0403-028	2	● Sleeve, Shock		0505-447	1	Knuckle-Ass. Left (i.18-20)
5	0403-102	2	Cam, Spring Adjuster	18	0505-444	1	● Knuckle-Steering-Right
6	0403-129	2	Spring, Shock Absorber - Platinum		0505-445	1	● Knuckle-Steering-Left
	0403-128	2	Spring, Shock Absorber – Black (Green)	19	1402-027	2	● Bearing, Wheel Hub
7	8409-040	4	Screw, Cap	20	0423-423	2	● Ring, Retaining
8	8428-002	10	Nut, Lock	21	8409-030	4	Screw, Cap
9	0503-272	1	A-Arm, Upper Right – Platinum (inc. 10-13)	22	0423-334	2	Screw, Cap
	0503-273	1	A-Arm, Upper Left – Platinum (inc. 10-13)	23	8409-075	4	Screw, Cap
	0503-196	1	A-Arm, Upper Right – Black (inc. 10-13) (Green)	24	0502-542	1	Axle, Drive-Front-Right (inc. 25-26)
	0503-197		A-Arm, Upper Left – Black (inc. 10-13) (Green)		0502-547	1	Axle, Drive-Front-Left (inc. 25-26)
10	0403-081	4	● Bushing	25	0441-400	2	● Clip, Retaining
11	0403-080	2	● Collar	26	0436-276	2	● Repair Kit, Boot-Front Axle
12	0423-009	4	● Clip, Ball Joint	27	0441-752	1	Guard, Boot-Axle-Right
13	0405-115	4	● Ball Joint - Front		0441-753	1	Guard, Boot-Axle-Left
					1441-002	1	Guard, Boot-Axle-Right (Green)
14	0503-268	1	A-Arm, Lower Right – Platinum (inc. 12-13 , 15-16)		1441-003	1	Guard, Boot, Axle-Left (Green)
	0503-269	1	A-Arm, Lower Left-Platinum (inc. 12-13 and 15-16)		0441-756	1	Guard, Boot-Axle-Right (Cat Green)
	0503-220	1	A-Arm, Lower Right-Black (inc. 12-13 and 15-16) (Green)		0441-757	1	Guard, Boot-Axle-Left (Cat Green)
	0503-221	1	A-Arm, Lower Left-Black (inc. 12-13 and 15-16) (Green)	28	0423-101	4	Screw, Body
				29	0441-587	1	Wrench, Spanner



REAR SUSPENSION ASSEMBLY

0739-532

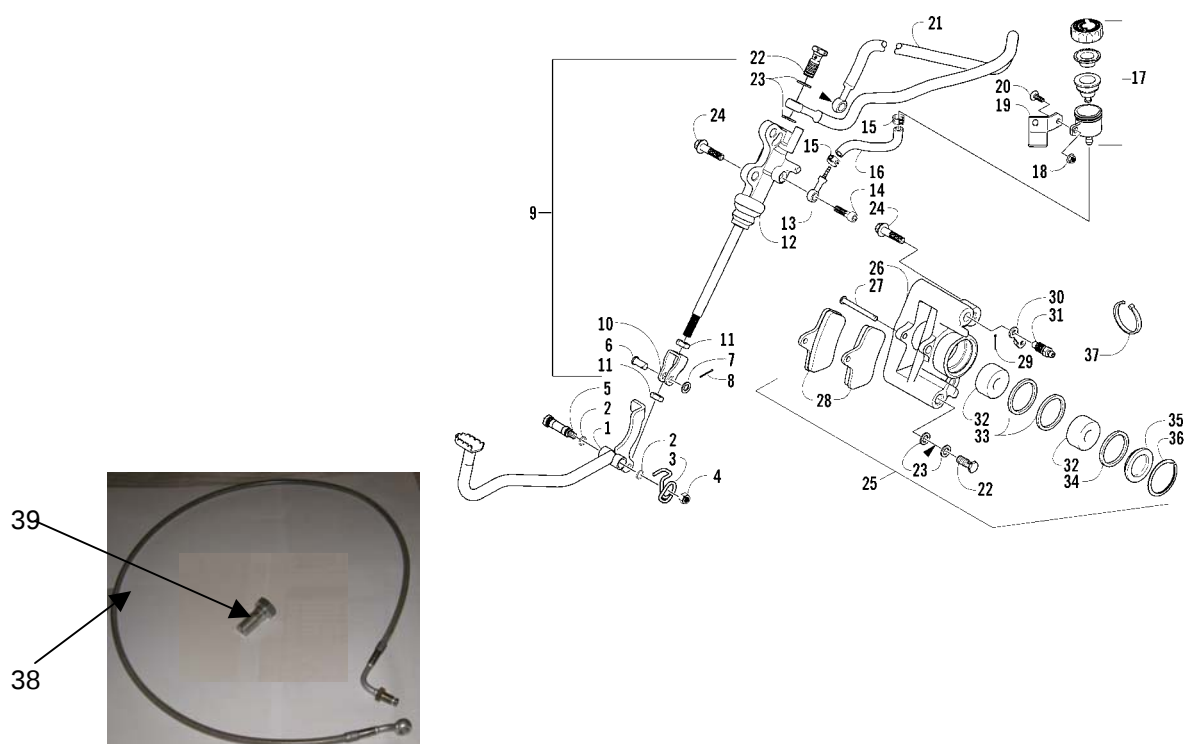
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-312	1	Knuckle, Right – Rear – Assembly (inc. 2-6)		<u>0441-755</u>	1	Guard, Boot-Left
	0504-313	1	Knuckle, Left – Rear – Assembly (inc. 2-6)		<u>1441-004</u>	1	Guard, Boot-Right (Green)
2	0504-311	1	● Knuckle – Right		<u>1441-005</u>	1	Guard, Boot- Left (Green)
	0504-310	1	● Knuckle - Left		<u>0441-758</u>	1	Guard, Boot-Right (Cat Green)
3	1402-027	2	● Bearing, Wheel Hub		<u>0441-759</u>	1	Guard, Boot Left (Cat Green)
4	0423-423	2	● Ring, Retaining	14	0423-101	6	Screw, Body
5	0403-038	4	● Collar, Suspension Bushing	15	1406-071	1	Guard, Boot-Right
6	0403-032	8	● Bushing, Suspension		1406-072	1	Guard, Boot-Left
7	<u>0504-326</u>	1	A-Arm, Rear-Lower-Right-Platinum (inc. 8-9)	16	0502-596	2	Axle, Drive (inc. 17-18)
	<u>0504-327</u>	1	A-Arm, Rear-Lower-Left-Platinum (inc. 8-9)	17	0441-400	2	● Clip, Retaining
	0504-320	1	A-Arm, Rear-Lower-Right-Black (inc. 8-9) (Green)	18	0436-276	2	● Repair Kit, Boot-Rear Axle
	0504-321	1	A-Arm, Rear – Lower-Left-Black (inc. 8-9) (Green)	19	8409-075	8	Screw, Cap
8	0403-115	16	● Bushing	20	1603-889	2	Retainer, Spring
9	0403-114	8	● Collar	21	0404-074	2	Spring, Suspension, Platinum
10	8428-002	14	Nut, Lock		0404-065	2	Spring, Suspension-Black (Green)
11	8409-000	4	Screw, Cap	22	0404-072	2	Shock Absorber-Rear (inc. 23-24)
12	<u>0504-330</u>	1	A-Arm, Rear- Upper Right-Platinum (inc. 8-9)	23	0604-310	8	● Bushing, Shock Absorber
	<u>0504-331</u>	1	A-Arm, Rear- Upper Left-Platinum (inc. 8-9)	24	0403-028	2	● Sleeve, Shock Absorber
	0504-318	1	A-Arm, Rear – Upper Right- Black (inc. 8-9) (Green)	25	0404-057	2	Cam, Spring Adjuster
	0504-319	1	A-Arm, Rear – Upper Left-Black (inc. 8-9) (Green)	26	8409-040	2	Screw, Cap
13	<u>0441-754</u>	1	Guard, Boot-Right	27	0423-087	2	Washer
				28	8408-820	2	Screw, Cap
				29	0441-587	1	Wrench, Spanner



WHEEL AND TIRE ASSEMBLY

0739-534

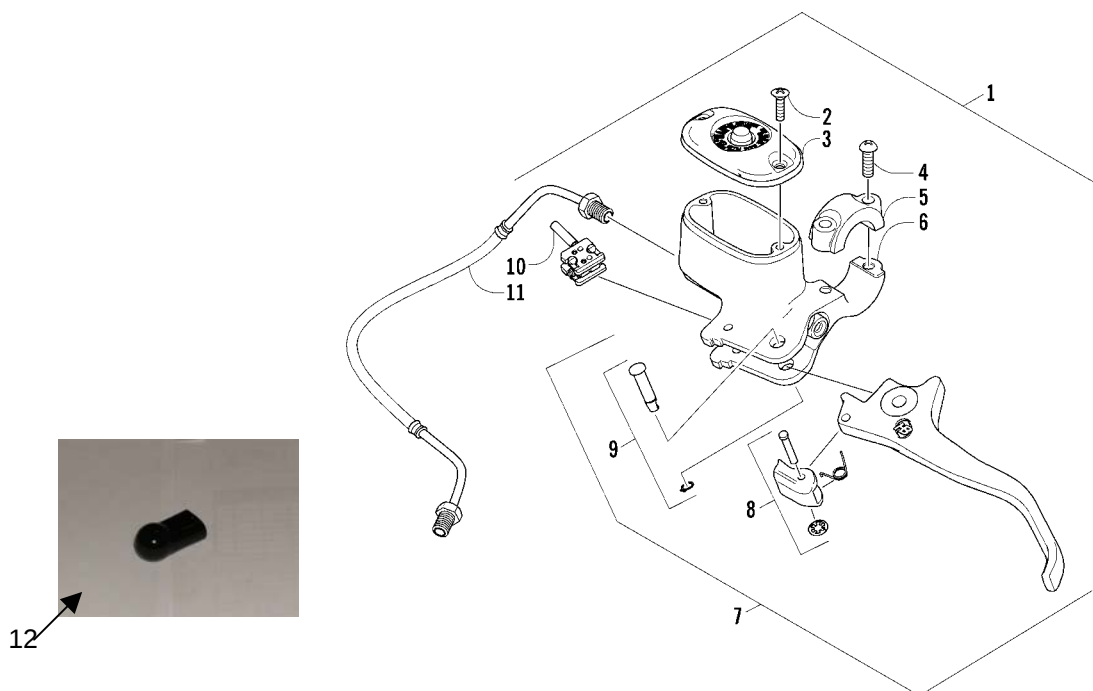
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-029	12	Screw, Machine	9	1402-100	2	Tire – Front
2	<u>1402-225</u>	3	Disc, Brake	10	0402-064	4	Stem, Valve (inc. 11)
3	0502-599	2	Hub, Wheel – Front (inc.4)	11	0402-140	4	● Cap, Valve Stem
4	0402-974	16	● Stud, Wheel hub	12	0502-601	1	Hub, Wheel-Rear-Left (inc.4)
5	0423-407	4	Pin, Cotter		0502-599	1	Hub, Wheel-Rear-Right (inc.4)
6	0423-394	4	Nut, Castle	13	1402-115	2	Wheel-Rear-Platinum
7	1402-127	2	Wheel-Front-Platinum		0402-858	2	Wheel-Rear-Gray (Green)
	0402-856	2	Wheel-Front-Gray (Green)	14	1402-101	2	Tire, Rear
8	0423-408	16	Nut, Mounting – Wheel				
Homologated ATV'S							
15	AC000-203	2	Wheel assy. Road tire, front, (incl. 16, 17, 18, 16x No. 25)	21	0502-464	1	Wheel, gray RH 25x8-12
16	AC000-202	1	● Road tire, 185/65*15	22	0502-465	1	Wheel, gray LH 25x8-12
17	AC000-209	1	● Valve wheel, road tire	23	0502-505	1	Wheel, gray RH 25x11-12
18	AC000-221	1	● Aluminium Rim Silver	24	0502-506	1	Wheel, gray LH 25x11-12
19	AC000-216	2	Wheel assy., Road tire, rear, (incl. 17, 18, 20, 16x No. 25)	25	AC007-217	1	Nut, Aluminium Rim Silver
20	AC000-215	1	● Road tire, 205/60*15				



AUXILIARY BRAKE ASSEMBLY

0739-535 *Not a Service Part

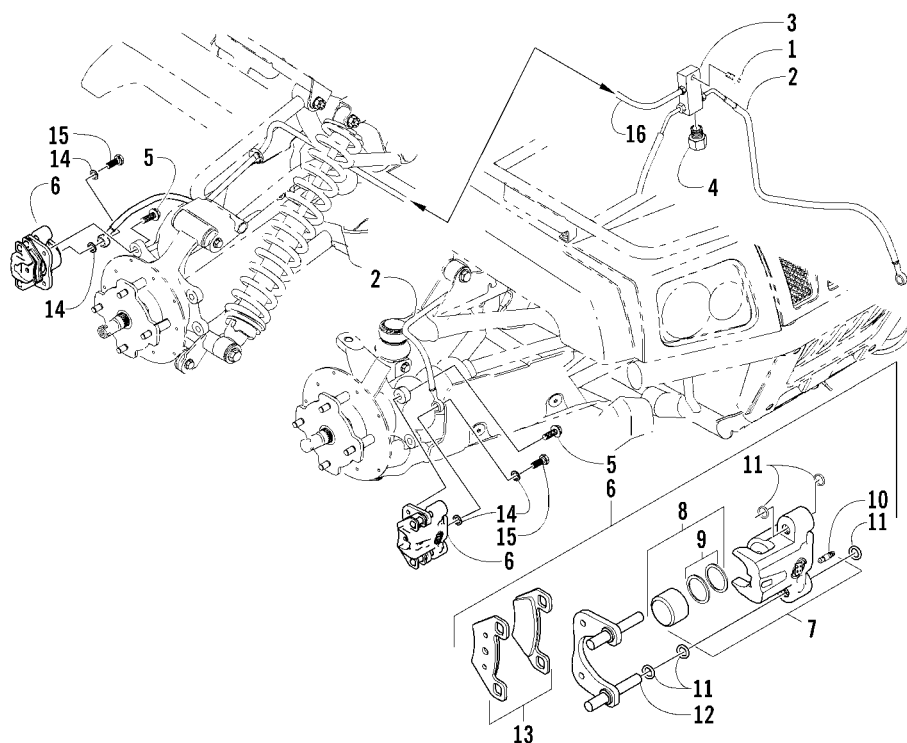
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-645</u>	1	Lever, Brake	20	8476-616	2	Screw, Machine
2	1602-213	2	O-Ring	21	1402-200	1	Hose, Brake
3	<u>0502-651</u>	1	Spring, Brake Lever	22	0423-413	2	Bolt, Banjo Fitting
4	8422-002	1	Nut	23	0423-178	4	Washer, Crush
5	0402-872	1	Axle, Brake Lever	24	8408-825	4	Screw, Cap
6	0402-575	1	Pin, Clevis	25	<u>0502-457</u>	1	Caliper, Brake (inc. 26-36)
7	0402-583	1	Washer	26	*	1	● Housing, Caliper
8	0402-584	1	Pin, Cotter	27	0402-495	1	● Pin, Brake Caliper
9	<u>0502-665</u>	1	Brake Assembly (inc. 10-17)	28	<u>1402-126</u>	2	● Pad, Brake
10	0402-580	1	● Actuator, Push Rod	29	0423-495	1	● Pin, Cotter
11	0402-592	2	● Nut, Jam	30	0402-493	1	● Cap, Bleed Valve
12	*	1	● Master Cylinder	31	<u>1402-123</u>	1	● Valve, Bleed
13	<u>1402-277</u>	1	● Fitting, Banjo	32	<u>1402-125</u>	2	● Piston
14	<u>1402-278</u>	1	● Bolt, Banjo Fitting	33	0402-980	2	● O-Ring, Brake Caliper
15	<u>0423-525</u>	2	● Clamp, Hose	34	*	1	● O-Ring
16	<u>1402-266</u>	1	● Hose, Brake	35	*	1	● Plug
17	<u>1402-257</u>	1	Reservoir	36	*	1	● Ring, Retaining
18	8424-602	2	● Reservoir, Brake	37	0123-788	AR	Cable Tie – 7.5 in.
19	<u>1506-521</u>	1	Nut, Flanged				
			Bracket, Mounting - Reservoir				
Homologated ATV's							
38	AC000-250	1	Brake hose 400er				
39	AC000-253	1	Screw brake				



HYDRAULIC HAND BRAKE ASSEMBLY

0738-331

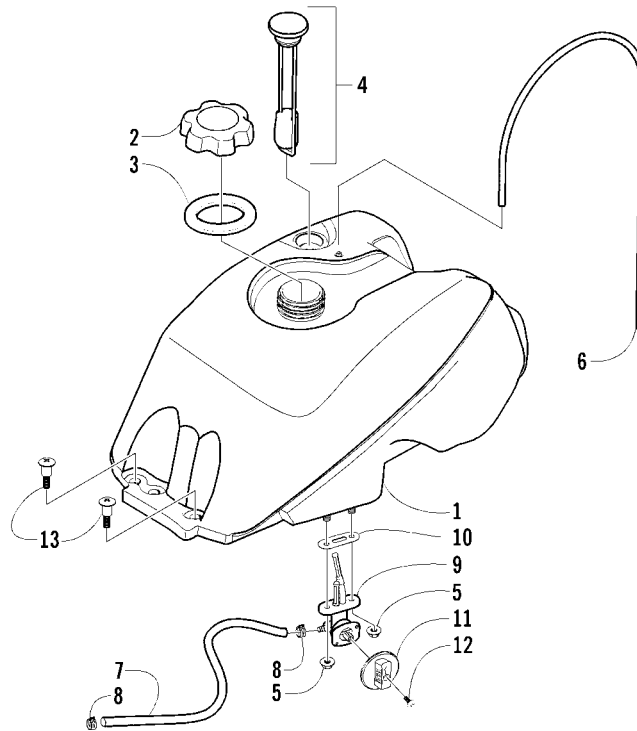
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-620</u>	1	Brake Assembly (inc. 2-10)	7	<u>0502-634</u>	1	● Lever Assembly – Kit (inc. 8-9)
2	0502-566	1	● Screw, Reservoir Cover – Kit	8	<u>0502-635</u>	1	● ● Lock, Brake Lever – Kit
3	0502-565	1	● Cover, Reservoir – Kit	9	0502-580	1	● ● Lever Pin – Kit
4	0502-568	1	● Screw, Master Cylinder Clamp – Kit	10	0502-564	1	● Switch, Brake – Kit
5	0502-567	1	● Clamp, Master Cylinder – Kit	11	1402-212	1	Brakeline, Hydraulic
6	<u>0502-633</u>	1	● Master Cylinder Assembly – Kit				
Homologated ATV'S							
12	AC000-032	1	Protection ball				



HYDRAULIC BRAKE ASSEMBLY

0739-253

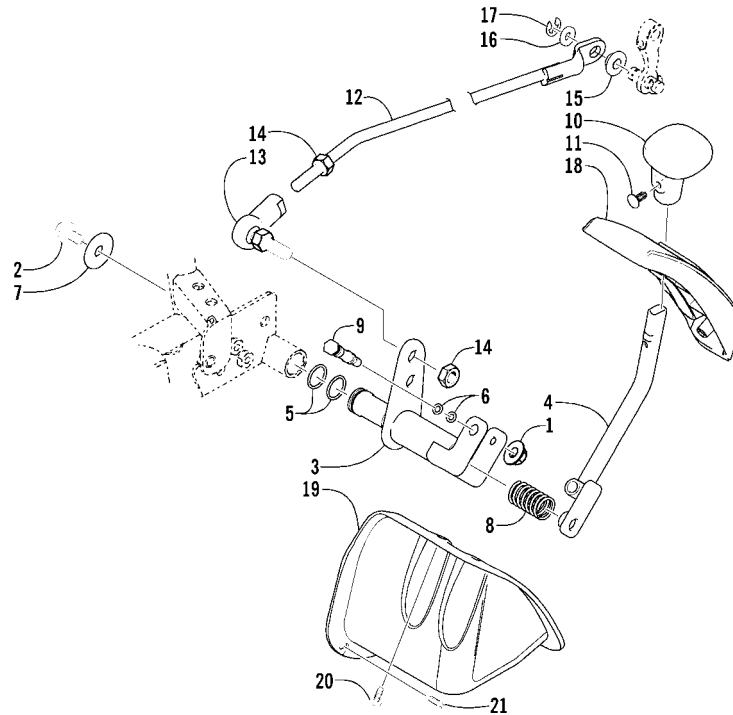
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8476-625	1	Screw, Cap	8	0502-606	3	● ● Piston/Seal Set (inc. 9)
2	1402-231	1	Hose, Brake – Front – Right	9	0502-607	3	● ● ● Seal Set
	1402-232	1	Hose, Brake – Front – Left	10	0502-609	3	● ● Valve, Bleed
3	1402-086	1	Block, Junction	11	0502-608	3	● O-ring, Guide – Set
4	1402-031	1	Plug	12	0502-605	3	● Bracket Assembly
5	8408-820	6	Screw, Cap	13	0502-604	3	● Pad, Brake – Set
6	0502-602	1	Caliper, Brake – Right Front (inc. 7-13)	14	0423-178	6	Washer, Crush
	0502-610	1	Caliper, Brake – Left Front and Right Rear (inc. 7-13)	15	0423-413	3	Bolt, Banjo Fitting
7	0502-603	1	● Housing, Caliper – Assembly – Right Front (inc. 8-10)	16	1402-204	1	Hose, Brake – Rear
	0502-611	2	● Housing, Caliper – Assembly – Left Front and Right Rear (inc. 8-10)				



GAS TANK ASSEMBLY

0736-991

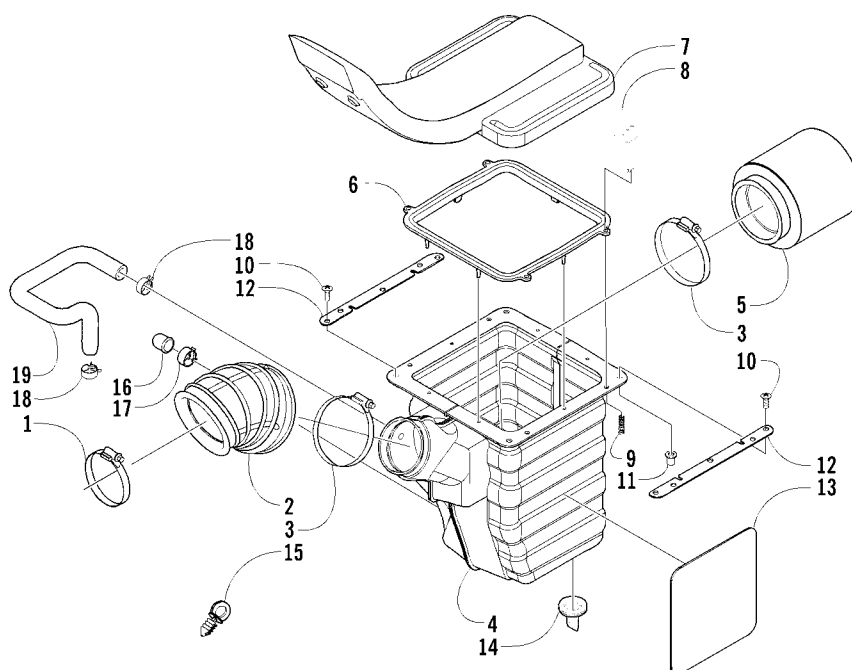
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-066	1	Tank, Gas-Assembly (inc. 2-10)	8	0423-152	2	● Clamp, Hose-Spring
2	0470-438	1	● Cap, Gas Tank (inc. 3)	9	0470-445	1	● Valve, Fuel Shut-Off (inc. 10)
3	0109-733	1	● ● Gasket, Tank Cap	10	0470-364	1	● ● Gasket, Fuel Shut-Off Valve
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 –25ft				



REVERSE SHIFT LEVER ASSEMBLY

0739-838

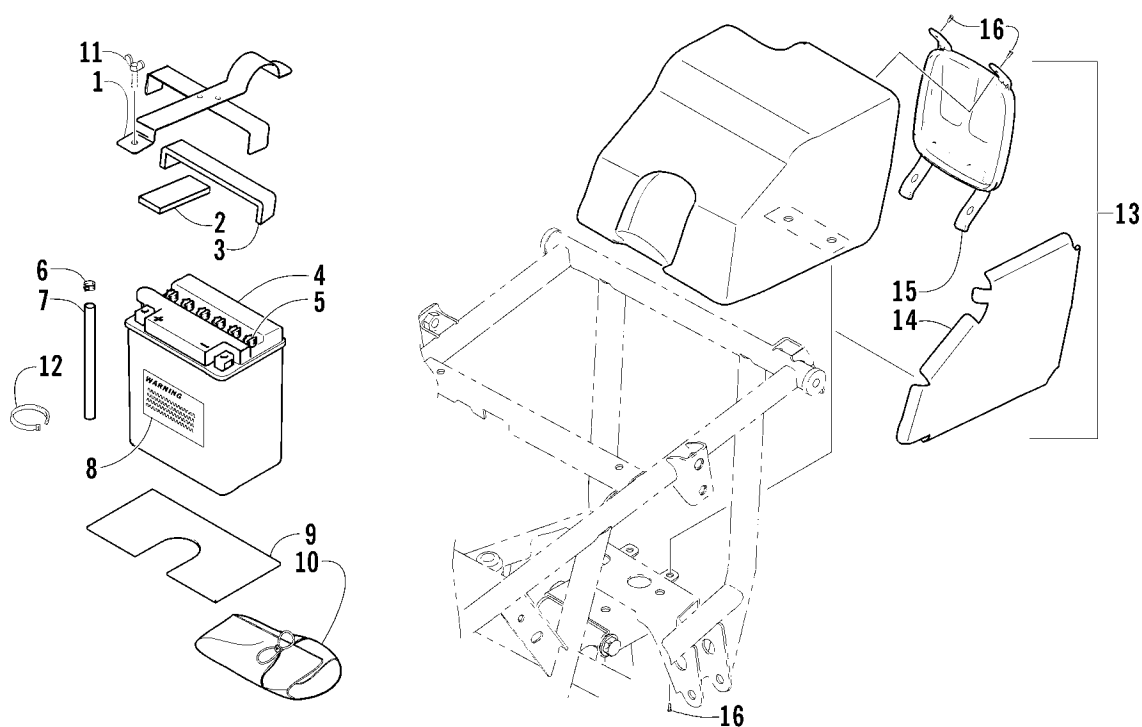
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8424-602	1	Nut	12	0502-668	1	Linkage, Shift
2	8408-812	1	Screw, Cap	13	1402-270	1	End, Rod
3	0502-187	1	Axle, Reverse Shift Lever	14	0623-294	2	Nut
4	0502-185	1	Lever, Reverse Shift	15	0423-091	1	Bushing, Shift Linkage
5	0423-299	2	O-Ring	16	3423-204	1	Washer
6	0423-182	2	O-Ring	17	0423-169	1	E-Ring
7	0423-087	1	Washer	18	0402-685	1	Plate, Shift
8	0502-410	1	Spring, Reverse Shift Lever	19	0406-943	1	Shield, Linkage
9	0402-675	1	Axle, Pivot	20	0423-371	3	Screw, Machine
10	0402-843	1	Handle, Reverse Shift Lever	21	0623-309	1	Screw, Self-Tapping
11	0423-345	1	Clip, Push				



AIR INTAKE ASSEMBLY

0738-385

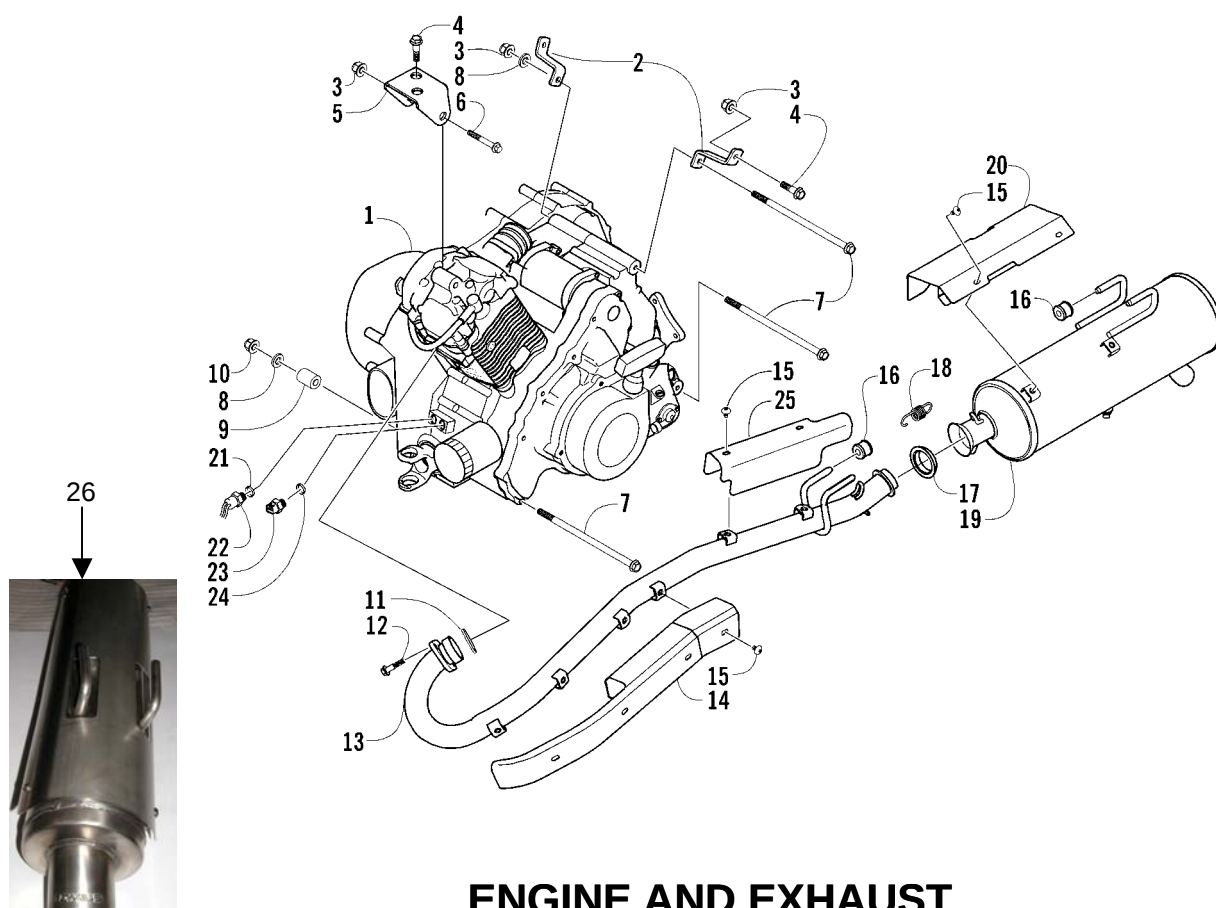
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-019	1	Clamp	11	0123-010	4	Nut, Expansion
2	0470-467	1	Boot, Air Intake	12	0470-351	2	Support, Air Intake Flange
3	0423-018	2	Clamp	13	0412-141	1	Shield, Heat
4	0470-446	1	Housing, Air Intake	14	0470-442	1	Valve, Drain
5	0470-391	1	Filter, Air	15	0623-101	1	Clip, Retaining
6	0470-343	1	Gasket	16	1673-272	1	Cap, Drain Tube
7	0470-383	1	Snorkel	17	0423-047	1	Clamp, Hose
8	0470-307	4	Clamp	18	0423-045	2	Clamp, Hose – Spring
9	0423-037	4	Spring	19	0410-045	1	Hose, Crankcase Vent
10	0623-121	4	Screw, Machine				



STORAGE BOX AND BATTERY ASSEMBLY

0737-887

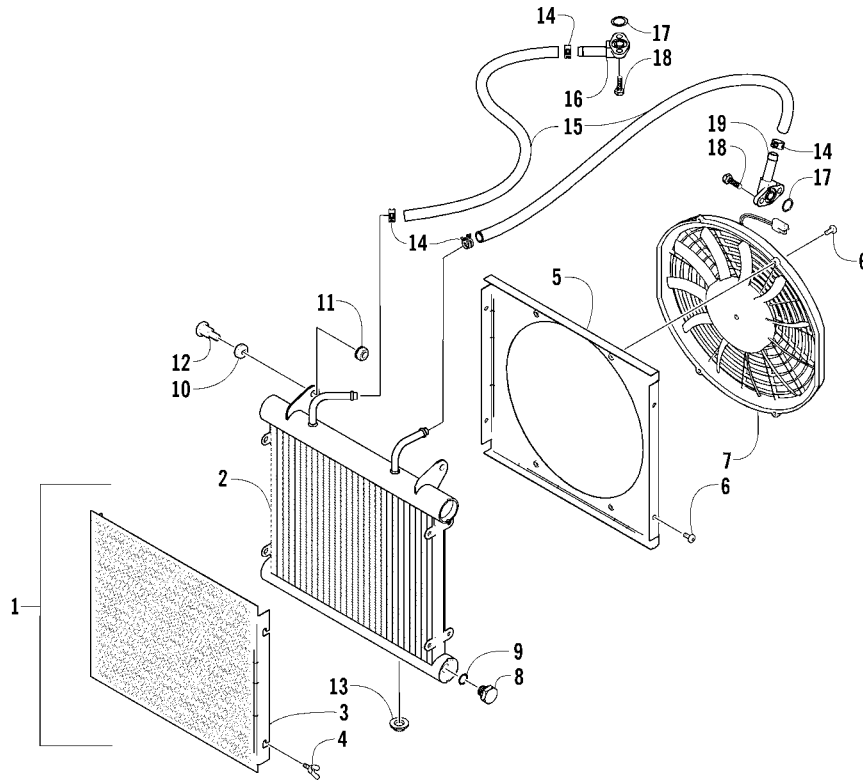
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0506-178	1	Strap, Battery w/Pads (inc.2-3)	9	0406-227	1	Pad, Battery-Lower
2	0406-288	1	● Pad, Battery – Upper Front	10	0444-122	1	Kit, Tool
3	0406-289	1	● Pad, Battery – Upper Rear	11	0423-456	1	Screw, Thumb
4	0745-045	1	Battery Assembly (inc. 5-8)	12	0123-903	2	Cable Tie – 11.5 in.
5	0645-045	6	● Cap, Battery	13	0506-797	1	Storage Box – Assembly (inc. 14)
6	0645-152	1	● Clamp, Hose	14	1406-140	1	● Shield, Heat
7	0645-263	1	● Hose, Battery Vent	15	1406-078	1	Cover, Storage Box
8	0645-151	1	● Label, Warning-Battery	16	0623-797	4	Screw, Self-Tapping



ENGINE AND EXHAUST

0739-572

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0462-036	1	Engine	13	0512-178	1	Pipe, Exhaust
2	1506-201	1	Bracket, Engine-Right	14	0412-220	1	Cover, Exhaust Pipe-Front
	1506-202	1	Bracket, Engine-Left	15	8477-610	8	Screw, Machine
3	8424-802	3	Nut	16	0412-215	4	Bushing, Exhaust
4	8408-816	4	Screw, Cap	17	0612-188	1	Gasket, Exhaust
5	0506-892	1	Bracket, Engine-Upper	18	0612-668	2	Spring, Exhaust
6	8408-860	1	Screw, Cap	19	0512-139	1	Muffler
7	0423-405	3	Screw, Cap	20	0412-218	1	Cover, Muffler
8	0423-426	4	Washer, Engine	21	3402-013	1	Gasket, Switch
9	0423-042	2	Spacer, Engine	22	3430-033	1	Switch, Cooling Fan
10	8428-002	3	Nut, Lock	23	3530-037	1	Switch, Oil Light
11	0412-007	1	Seal, Exhaust	24	3402-556	1	Gasket, Switch
12	8408-820	2	Screw, Cap	25	0412-224	1	Cover, Exhaust Pipe-Rear
Homologated ATV's							
26	AC000-702	1	Exhaust ACE 2				

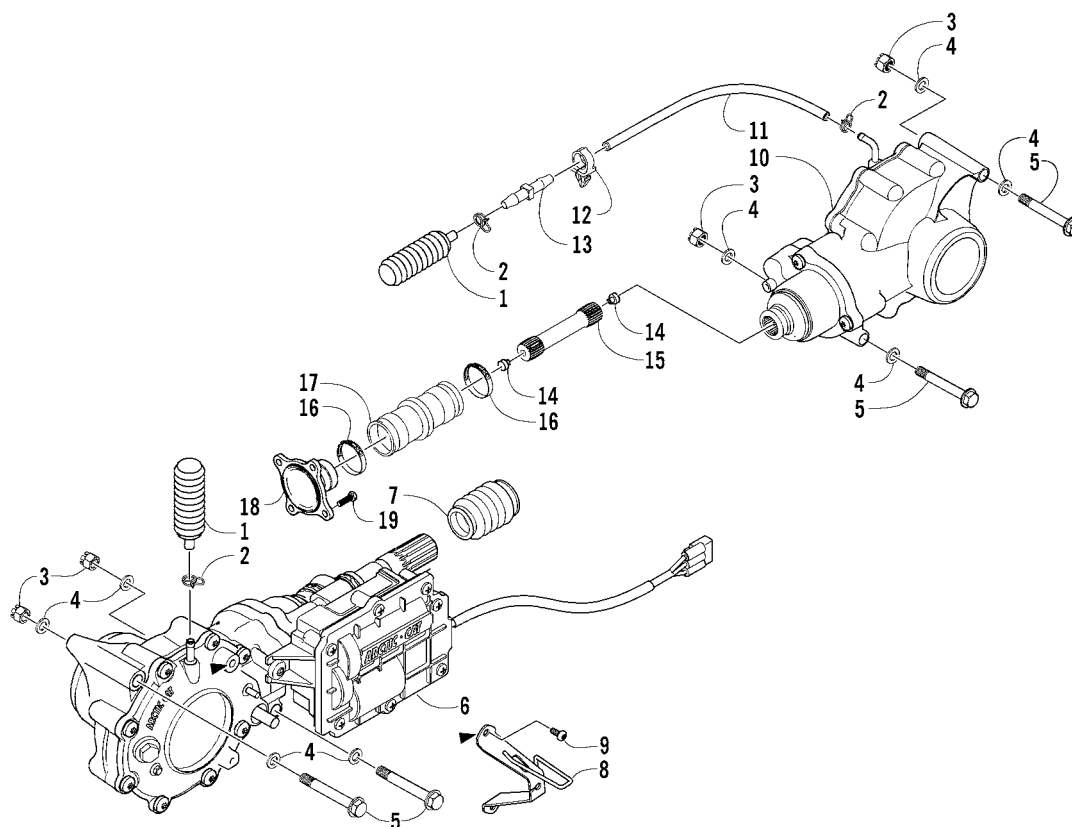


OIL COOLER ASSEMBLY

0739-573

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-052	1	Cooler, Oil-Assembly (inc. 2-10)	11	0623-038	2	Nut w/Washer
2	0413-053	1	● Cooler, Oil	12	0423-484	2	Screw, Shoulder
3	0413-007	1	● Screen, Oil Cooler	13	0423-028	2	Bushing, Stem
4	0413-009	4	● Screw, Thumb	14	0423-098	4	Clamp, Hose
5	0413-064	1	● Shroud, Fan	15	0410-044	2	Hose, Oil
6	8475-512	8	● Screw, Machine	16	0410-013	1	Fitting, Oil
7	0413-044	1	● Fan, Cooling	17	0423-089	2	O-Ring, Oil Fitting
8	0413-058	1	● Plug, Drain	18	8471-616	4	Screw, Cap
9	0413-059	1	● O-Ring	19	0410-012	1	Fitting, Oil-Angled
10	0423-030	2	● Grommet				

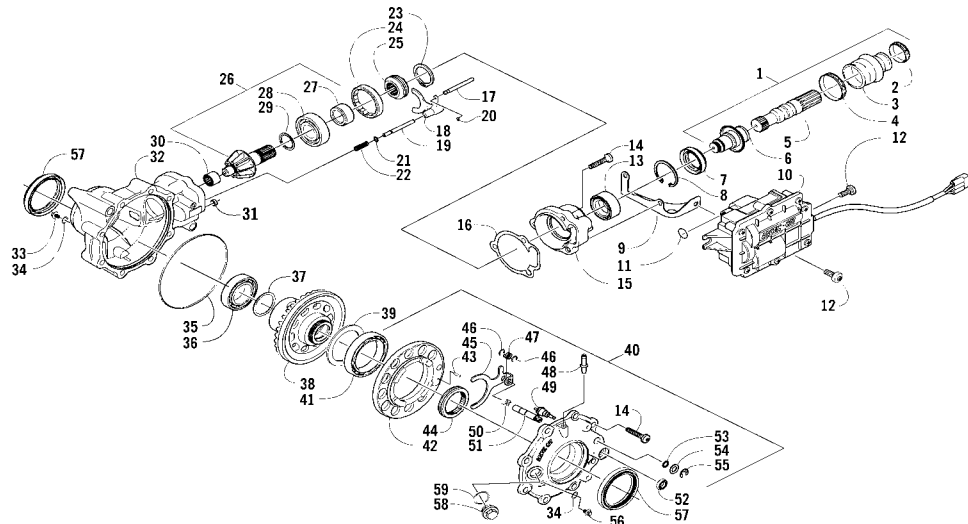
2005 ATV 400 FIS Automatic Transmission



DRIVE TRAIN ASSEMBLY

0739-591

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-147	2	Bladder, Gearcase	11	0410-049	AR	Hose, Vent
2	0423-315	4	Clamp, Fitting	12	0623-101	1	Clip, Routing-Snap-In
3	8428-002	4	Nut, Lock	13	0470-462	1	Fitting, Vent
4	0423-426	8	Washer	14	0673-618	2	Bumper, Propeller Shaft
5	0423-404	4	Screw, Cap	15	0402-963	1	Shaft, Propeller
6	<u>0502-442</u>	1	Gearcase, Front	16	0423-393	2	Clamp, Boot
7	0402-966	1	Boot, Shaft	17	0402-954	1	Boot
8	0502-500	1	Plate, Cable	18	0402-950	1	Flange, Output
9	0423-396	3	Screw, Self-Tapping	19	8408-820	4	Screw, Cap
10	<u>0502-642</u>	1	Gearcase, Rear				

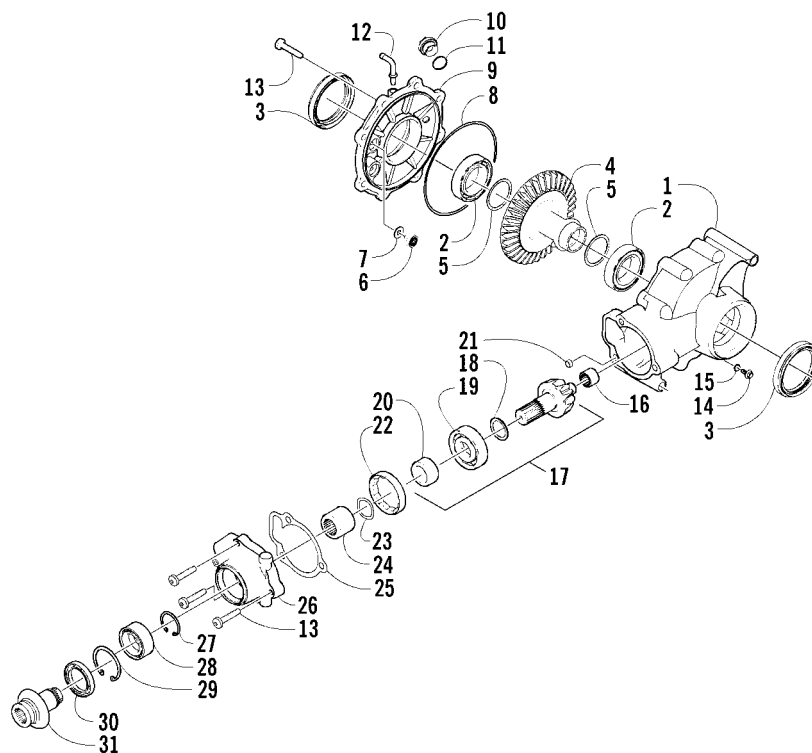


FRONT DRIVE GEARCASE ASSEMBLY

0739-579

(Complete Assembly p/n 0502-442)

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-386	1	Shaft, Propeller-Assy. (inc. 2-6)	33	1402-210	1	Plug, Magnetic (inc. one No. 34)
2	0423-411	1	● Clamp, Boot	34	0423-153	2	● O-Ring
3	0402-985	1	● Boot, Propeller Shaft	35	0423-149	1	O-Ring
4	0423-393	1	● Clamp, Boot	36	0402-393	1	Bearing
5	1402-046	1	● Shaft, Output	37	0402-405	AR	Shim
6	0502-407	1	● Shaft, Input		0402-406	AR	Shim
7	1402-011	1	Seal		0402-407	AR	Shim
8	0423-423	1	Ring, Retaining		0402-408	AR	Shim
9	0502-347	1	Bracket, Actuator		0402-409	AR	Shim
10	0502-579	1	Actuator (inc. 11)	38	0502-411	1	Gear, Ring-36 T
11	0423-498	1	● O-Ring	39	1402-074	AR	Shim
12	0423-396	3	Screw, Self-Tapping		1402-075	AR	Shim
13	1402-043	1	Bearing		1402-076	AR	Shim
14	0423-118	11	Screw, Self-Tapping		1402-077	AR	Shim
15	0502-528	1	Housing, Pinion		1402-078	AR	Shim
16	0402-947	1	Gasket, Flange	40	0502-434	1	Cover, Gearcase (inc. one No. 34, 41-56, and one No. 57)
17	0402-997	1	Shaft, Selector	41	1402-053	1	● Bearing
18	0402-998	1	Fork, Selector	42	0502-413	1	● Flange, Bearing
19	0402-417	1	Shaft, Shuttle	43	1402-079	1	● Pin, Parallel
20	0423-402	1	Ring, Retaining	44	1402-042	1	● Collar, Sliding
21	0423-147	1	O-Ring	45	1402-054	1	● Fork
22	0402-999	1	Spring, Return	46	1402-058	2	● Ring, Retaining
23	0423-417	1	Ring, Retaining	47	1402-057	1	● Spring
24	0402-357	1	Collar, Lock	48	1402-104	1	● Fitting
25	0402-413	1	Coupler, Drive	49	0402-419	1	● Switch, Indicator
26	0502-123	1	Gear, Pinion-Assembly-10 T (inc. 27-29)	50	1402-063	1	● Spring
27	0402-336	1	● Collar, Retaining	51	1402-055	1	● Shaft, Lock
28	0402-327	1	● Bearing	52	1402-056	1	● Seal
29	0402-424	AR	● Shim	53	0423-133	1	● O-Ring
	0402-425	AR	● Shim	54	0423-132	1	● Washer
	0402-425	AR	● Shim	55	0423-424	1	● Ring, Retaining
	0402-426	AR	● Shim	56	1402-211	1	● Plug, Oil Level (inc. one No. 34)
	0402-427	AR	● Shim	57	0402-394	2	● Seal
	0402-428	AR	● Shim	58	0402-333	1	Plug, Fill (inc. 59)
30	0402-328	1	Bearing	59	0423-154	1	● O-Ring
31	0402-411	1	Pin, Dowel				
32	0502-514	1	Housing, Gearcase				

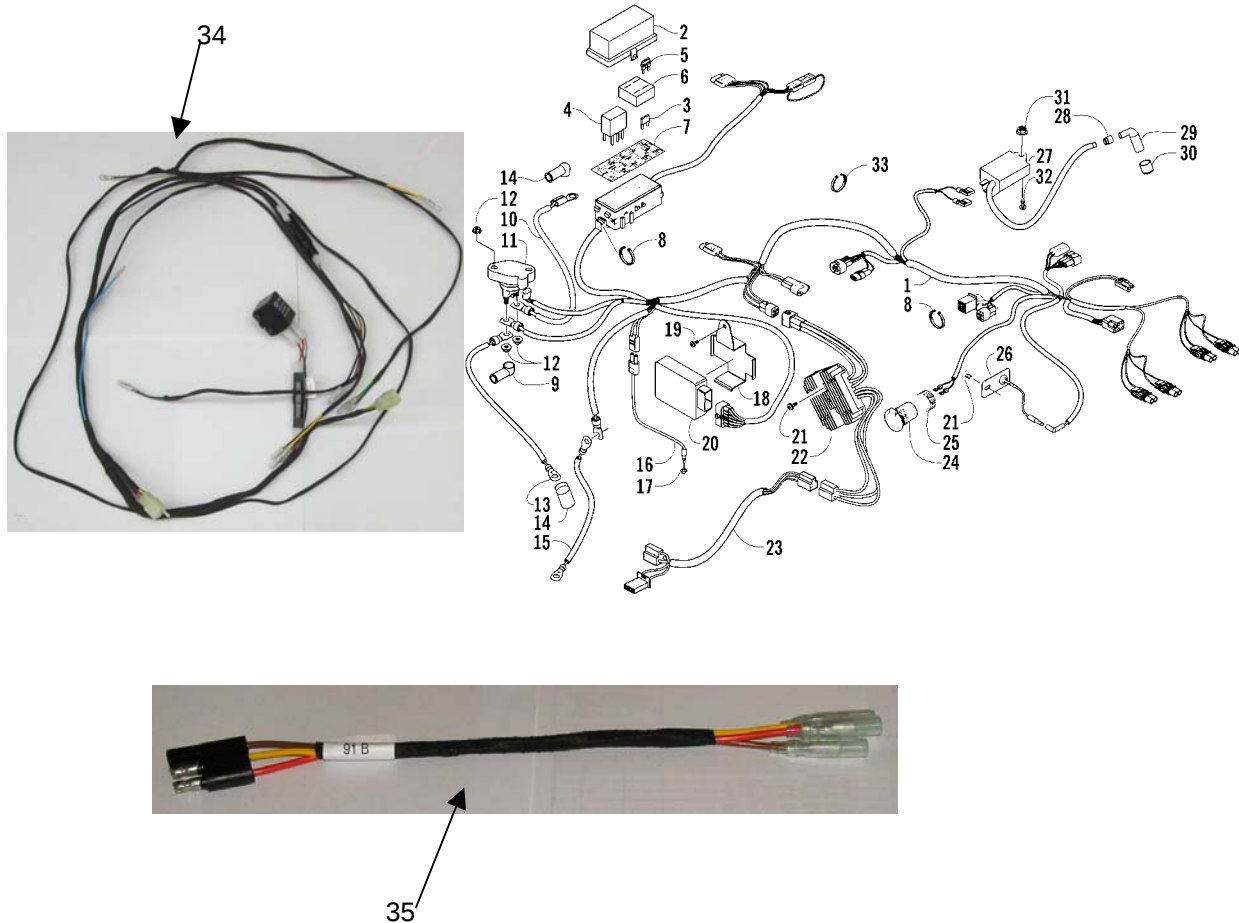


REAR DRIVE GEARCASE ASSEMBLY

0739-591

(Complete Assembly p/n 0502-642)

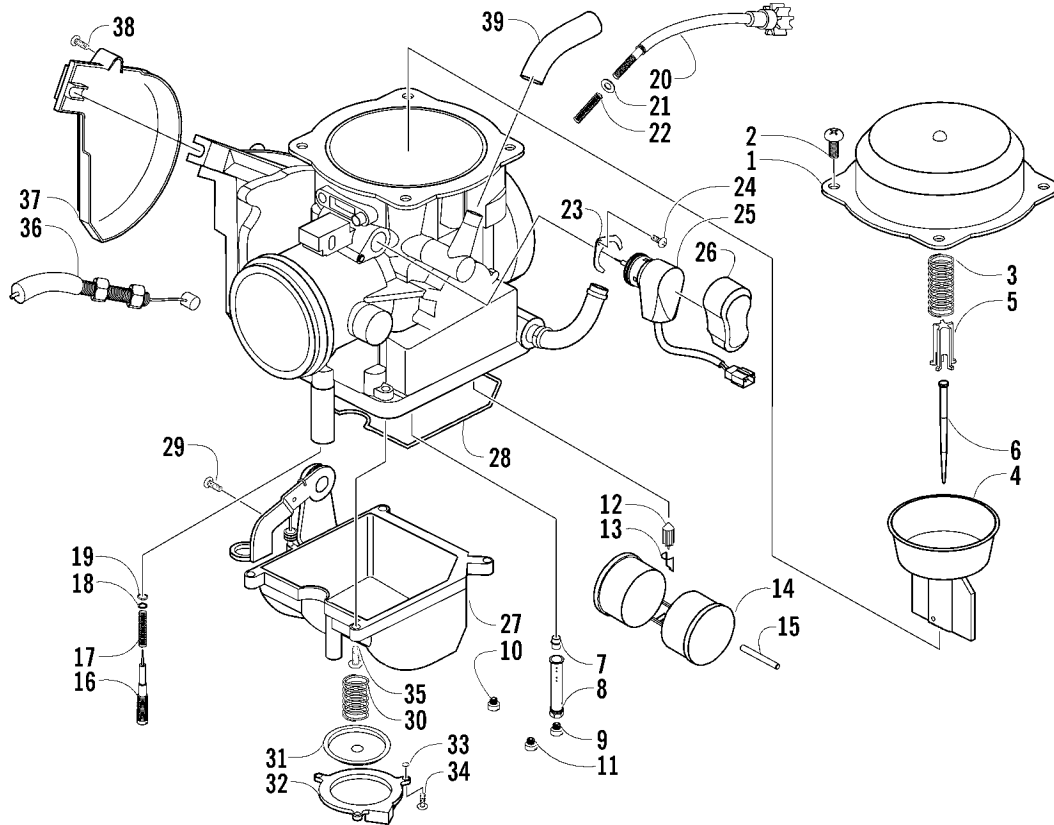
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-352	1	Housing, Gearcase	15	0423-153	1	● O-Ring
2	0402-393	2	Bearing	16	0402-328	1	Bearing
3	0402-394	2	Seal	17	0502-123	1	Gear, Pinion – Assembly – 10/ (inc. 18-20)
4	1402-032	1	Gear, Ring-36 T	18	0402-424	AR	● Shim
5	0402-405	AR	Shim		0402-425	AR	● Shim
	0402-406	AR	Shim		0402-426	AR	● Shim
	0402-407	AR	Shim		0402-427	AR	● Shim
	0402-408	AR	Shim		0402-428	AR	● Shim
	0402-409	AR	Shim	19	0402-327	1	● Bearing
6	0402-326	1	Button, Thrust	20	0402-336	1	● Collar, Retaining
7	0402-429	AR	Shim	21	0402-411	1	Pin, Dowel
	0402-430	AR	Shim	22	0402-331	1	Collar, Lock
	0402-431	AR	Shim	23	0402-982	1	Washer, Wave
	0402-432	AR	Shim	24	0402-981	1	Collar, Shaft
	0402-433	AR	Shim	25	0402-947	1	Gasket, Flange
8	0423-149	1	O-Ring	26	0502-529	1	Housing, Pinion
9	0502-346	1	Cover, Gearcase	27	0423-417	1	Ring, Retaining
10	0402-333	1	Plug, Fill (inc. 11)	28	1402-043	1	Bearing
11	0423-154	1	● O-Ring	29	0423-423	1	Ring, Retaining
12	1402-102	1	Fitting	30	1402-011	1	Seal
13	0423-118	11	Screw, Self-Tapping	31	0502-407	1	Shaft, Input
14	0402-450	1	Plug, Magnetic (inc. 15)				



WIRING HARNESS ASSEMBLY

0739-840

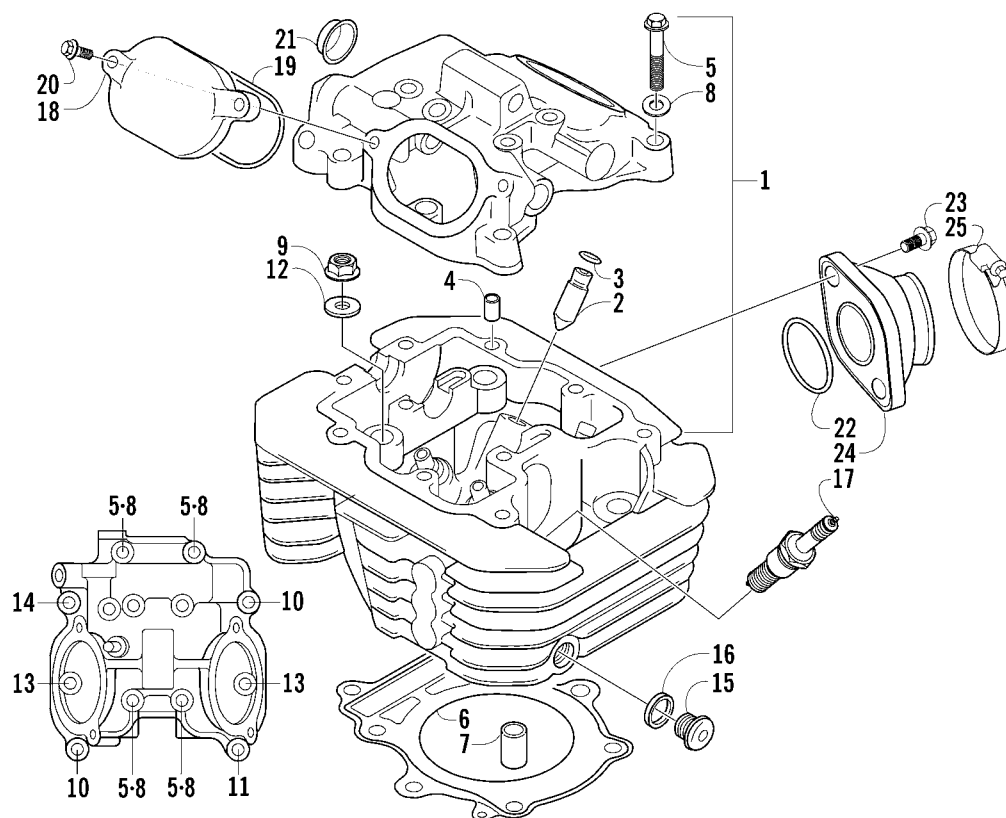
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0486-155</u>	1	Harness, Main (inc. 2-7 and two No. 8)	17	0402-991	1	Retainer, Switch
2	0530-008	1	● Cover, Fuse Block	18	0506-985	1	Bracket, CDI
3	0430-032	4	● Fuse – 10 Amp	19	8476-616	1	Screw, Machine
	0430-031	3	● Fuse – 15 Amp	20	3402-683	1	CDI Unit
	0430-030	2	● Fuse – 30 Amp	21	8476-625	3	Screw, Machine
4	0430-033	3	● Relay	22	3402-682	1	Regulator, Voltage
5	0430-034	3	● Diode	23	<u>0486-148</u>	1	Harness, Adapter-Electric Choke
6	0430-037	1	● Holder, Fuse	24	0445-022	1	Receptacle, 12 V (inc. 25)
7	<u>0411-828</u>	1	● Decal, Fuse Block	25	0445-034	1	● Nut, Retainer
8	0123-788	AR	● Cable Tie – 7.5 in.	26	0509-011	1	Diode Assembly
9	0645-327	1	Boot, Terminal	27	3430-055	1	Coil, Ignition-Assembly
10	0445-042	1	Cable, Solenoid/Starter	28	3430-009	1	Seal, High Tension Wire
11	<u>0445-036</u>	1	Solenoid	29	3430-007	1	Cap, Spark Plug
12	0623-038	4	Nut w/Washer	30	3430-008	1	Seal, Spark Plug
13	0445-038	1	Cable, Battery/Solenoid (inc. one No. 14)	31	8424-602	1	Nut, Flange
14	0645-019	2	● Boot, Terminal	32	8476-620	1	Screw, Machine
15	0445-037	1	Cable, Battery/Ground	33	0123-903	AR	Cable Tie – 11.5 in.
16	0409-009	1	Switch, Brake-Assembly				
Homologated ATV's							
34	AC000-226	1	Harness 2005				
35	AC000-228	1	Harness rear light				



CARBURETOR

0739-840 *Not a Service Part ** Optional (Complete Assembly p/n 0470-470)

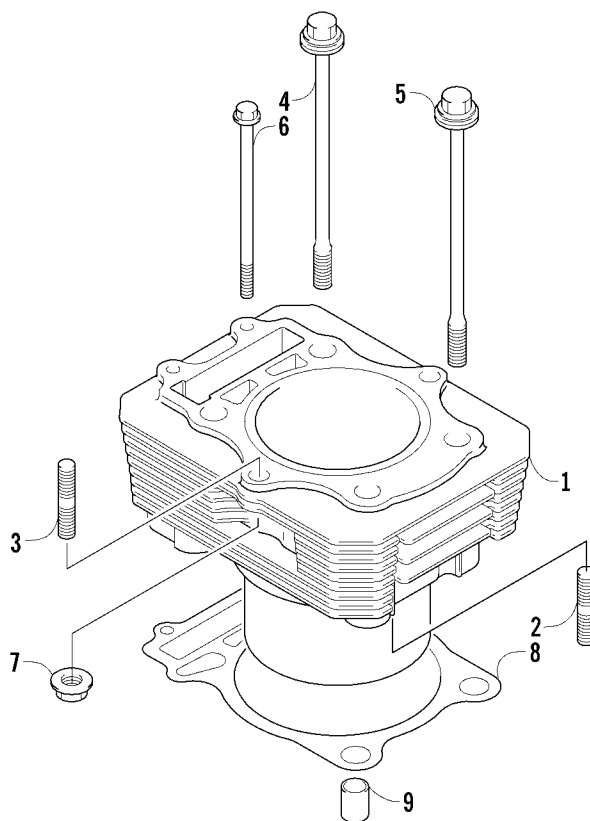
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-001	1	Cover, Top	19	*	1	● O-Ring
2	5507-002	4	Screw, Top Cover	20	5507-027	1	Screw, Idle Adjust
3	5507-085	1	Spring	21	5507-028	1	Washer
4	5507-109	1	Piston, Vacuum	22	5507-029	1	Spring
5	5507-005	1	Seat, Spring	23	5507-115	1	Plate
6	5507-110	1	Jet Needle	24	5507-117	1	Screw
7	5507-007	1	Needle Jet	25	5507-180	1	Choke, Electric
8	5507-047	1	Holder, Needle Jet	26	5507-114	1	Cover, Electric Choke
9	5507-043	1	Main Jet - 142	27	5507-065	1	Chamber, Float-Assembly (inc. 28-34)
	5507-009	1	Main Jet - 150**	28	5507-067	1	● O-Ring, Float Chamber
	5507-041	1	Main Jet - 147**	29	5507-050	1	● Screw, Drain
	5507-042	1	Main Jet - 145**	30	5507-032	1	● Spring
	5507-044	1	Main Jet - 140**	31	5507-031	1	● Diaphragm Assembly
10	5507-010	1	Slow Jet - 38	32	*	1	● Housing, Pump
11	5507-097	1	Starter Jet - 75	33	5507-034	1	● U-Ring
12	5507-107	1	Valve, Float-Set (inc. 13)	34	5507-035	3	● Screw
13	*	1	● Clip	35	5507-017	4	Screw
14	5507-039	1	Float Set (inc. 15)	36	0487-021	1	Cable, Throttle
15	*	1	● Pin, Float	37	5507-036	1	Cover
16	5507-111	1	Screw, Pilot Air-Set (inc. 17-19)	38	5507-037	1	Screw
17	*	1	● Spring				
18	*	1	● Washer	39	0410-056	1	Hose, Vent



CYLINDER HEAD ASSEMBLY

0738-415 *Not illustrated

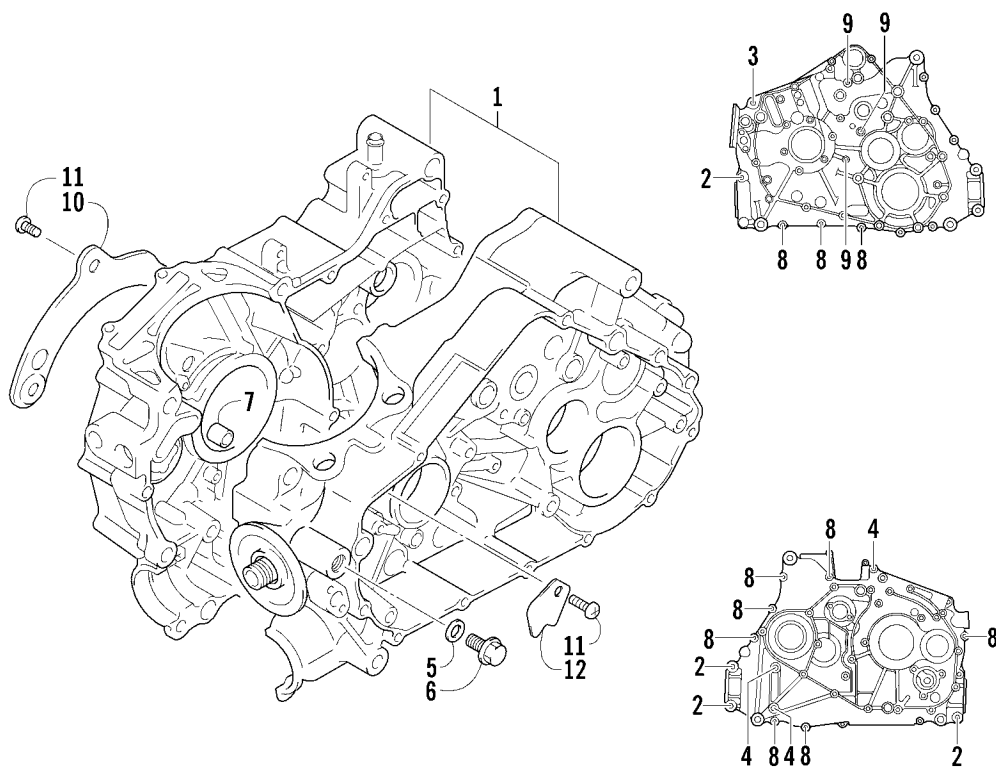
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-576	1	Head, Cylinder-Assembly (inc. 2-5)	14	3008-376	1	Bolt, Head Cover
2	3402-099	2	● Guide, Valve	15	3423-453	1	Plug, Oil Gallery
3	3423-068	4	● Ring, Valve Guide	16	3402-011	1	Gasket, Oil Gallery Plug
4	3423-043	2	● Pin, Dowel	17	0217-708	1	Spark Plug (NGK CR7E)
5	3423-006	4	● Bolt	18	3402-100	2	Cap, Inspection
6	3402-577	1	Gasket, Cylinder Head	19	3402-101	2	O-Ring
7	3423-449	2	Pin, Dowel	20	3004-341	4	Bolt, Inspection Cap
8	3003-290	4	Gasket	21	3402-035	1	Plug, Head
9	3423-326	2	Nut, Cylinder Head	22	3423-353	1	O-Ring
10	3423-007	2	Bolt, Head Cover	23	8476-620	2	Screw, Machine
11	3423-429	1	Bolt, Head Cover	24	0570-076	1	Manifold, Intake
12	3423-439	4	Washer, Cylinder Head	25	0423-066	1	Clamp
			Nut				
13	3004-376	2	Bolt, Head Cover	*	3402-048	1	Plug, Frost



CYLINDER ASSEMBLY

0737-039

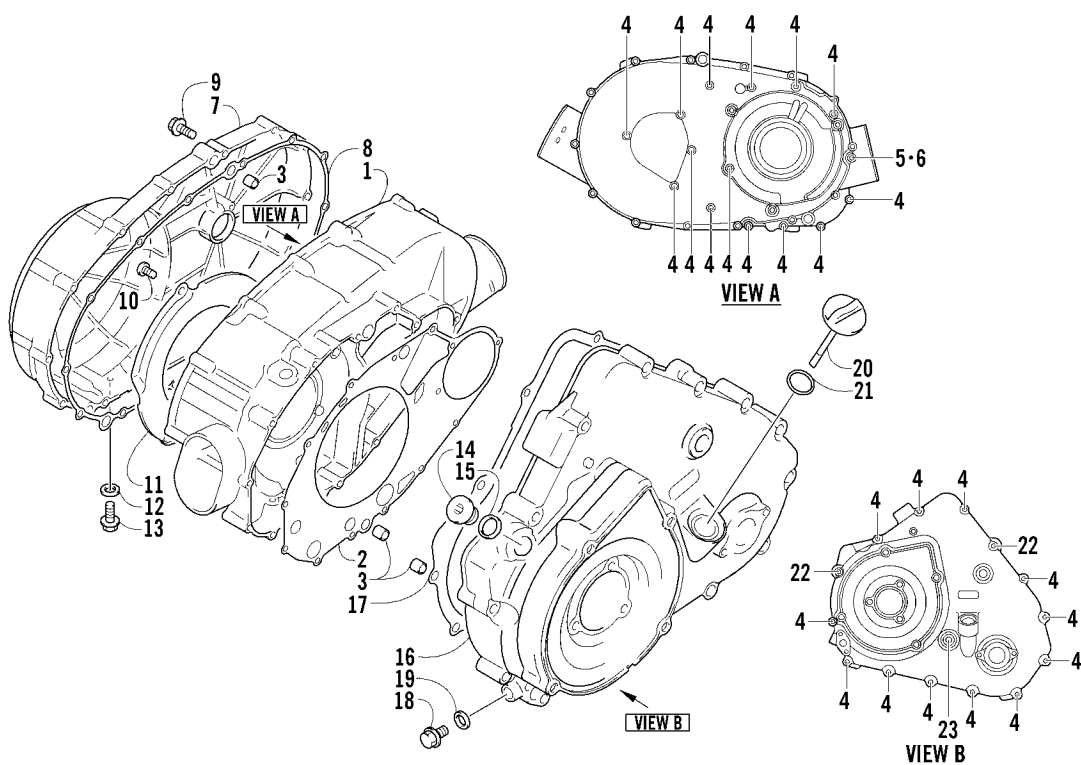
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-578	1	Cylinder	6	3423-427	2	Bolt
2	3423-384	2	Bolt, Stud	7	3004-488	2	Nut
3	3004-778	2	Bolt, Stud	8	3402-579	1	Gasket, Cylinder
4	3423-431	2	Bolt	9	3423-088	2	Pin, Dowel
5	3423-432	2	Bolt				



CRANKCASE ASSEMBLY

0739-843

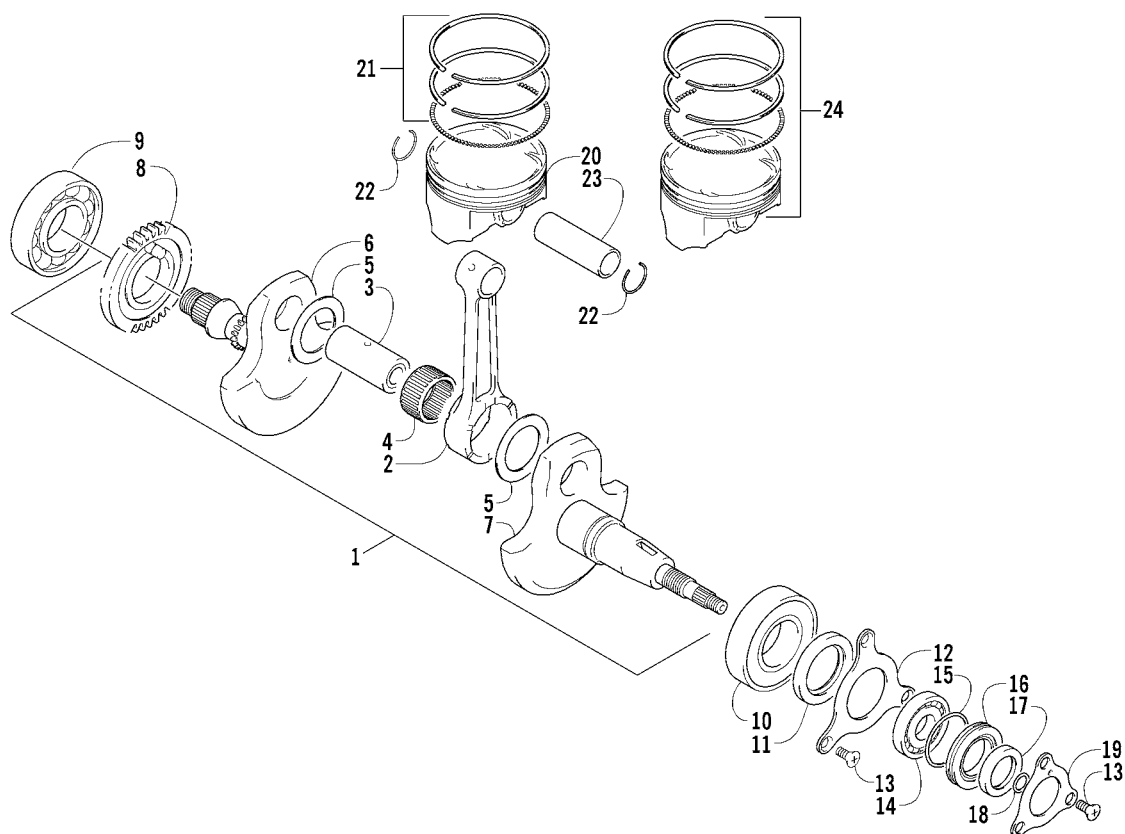
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-580	1	Crankcase Assembly (inc. 2-9)	7	3423-088	2	● Pin, Dowel
2	3004-880	4	● Bolt	8	3423-091	10	● Bolt
3	3005-332	1	● Bolt	9	3423-097	3	● Bolt
4	3005-410	3	● Bolt	10	3402-581	1	Plate, Oil Guide-Right
5	3402-012	1	● Gasket, Oil Pressure Plug	11	3004-552	4	Screw, Oil Guide Plate
6	3402-214	1	● Plug, Oil Pressure	12	3402-582	1	Plate, Oil Guide-Left



CLUTCH/V-BELT MAGNETO COVER ASSEMBLY

0739-844

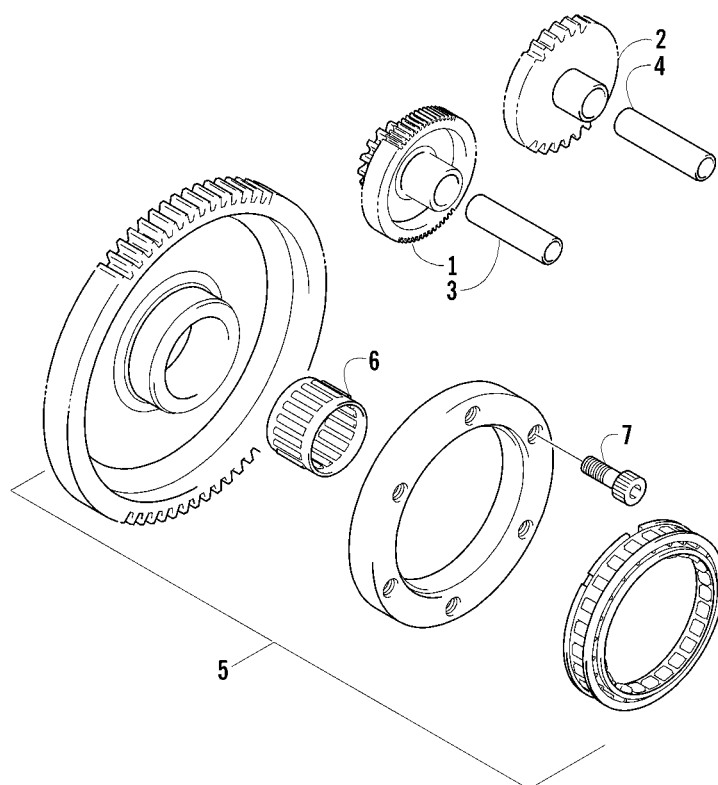
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-583	1	Cover, Clutch	13	3004-705	1	Plug, Drain
2	3402-589	1	Gasket	14	3402-041	1	Plug
3	3423-088	6	Pin, Dowel	15	3402-013	1	Gasket
4	3423-098	26	Bolt	16	3402-585	1	Cover, Magneto
5	3423-392	1	Bolt	17	3402-590	1	Gasket, Magneto Cover
6	3003-290	1	Gasket	18	3004-705	1	Plug, Oil Gallery
7	3402-586	1	Cover, V-Belt	19	3402-444	1	Gasket
8	3402-591	1	Gasket, V-Belt Cover	20	3402-593	1	Stick, Oil Level
9	<u>0693-327</u>	14	Bolt	21	3423-055	1	O-Ring, Oil Level Stick
10	3004-552	3	Screw	22	3423-307	2	Bolt
11	<u>3402-996</u>	1	Plate, Air Intake	23	3423-430	1	Bolt
12	3402-444	1	Gasket, Drain Plug				



CRANKSHAFT ASSEMBLY

0739-844 *Optional

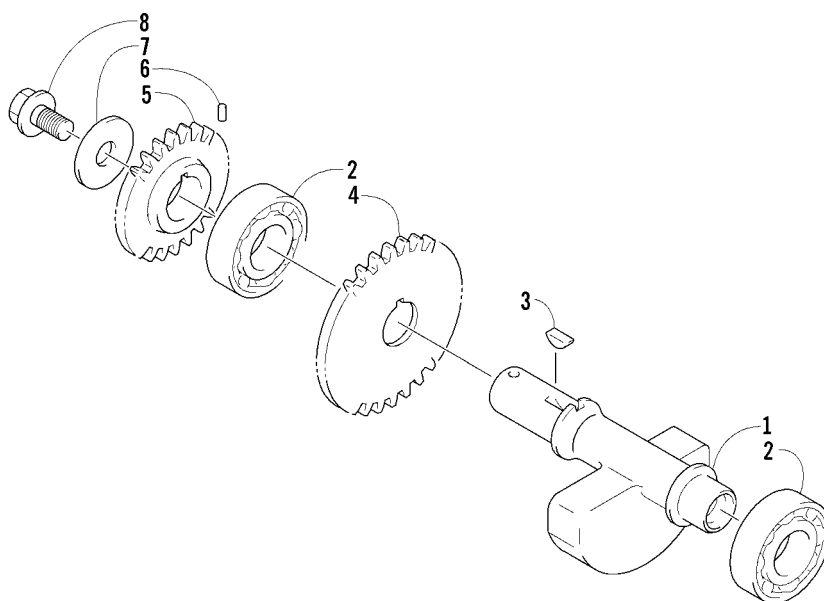
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3402-978</u>	1	Crankshaft Assembly (inc. 2-8)	13	3423-018	6	Screw, Retainer
2	3402-597	1	● Rod, Connecting	14	3402-051	1	Bearing
3	3402-599	1	● Pin, Crank	15	3423-063	1	O-Ring
4	3402-571	1	● Bearing	16	3402-119	1	Spacer
5	3423-440	2	● Washer	17	3402-070	1	Seal, Oil
6	3402-600	1	● Crankshaft – Right	18	3423-053	1	O-Ring
7	3402-601	1	● Crankshaft – Left	19	3402-188	1	Retainer, Crankshaft Oil Seal – Left
8	3402-698	1	● Gear, Crank Balancer Drive	20	3402-594	1	Piston
9	3402-055	1	Bearing – Right	21	3402-595	1	Ring, Piston – Set
10	3402-566	1	Bearing – Middle	22	3003-439	2	Circlip
11	3402-573	1	Seal, Crankshaft Oil	23	3402-596	1	Pin, Piston
12	3402-602	1	Retainer, Crankshaft Oil Seal - Middle	24	3436-015	1	Piston Set (Oversized 0.50 mm)*



STARTER CLUTCH ASSEMBLY

0737-043

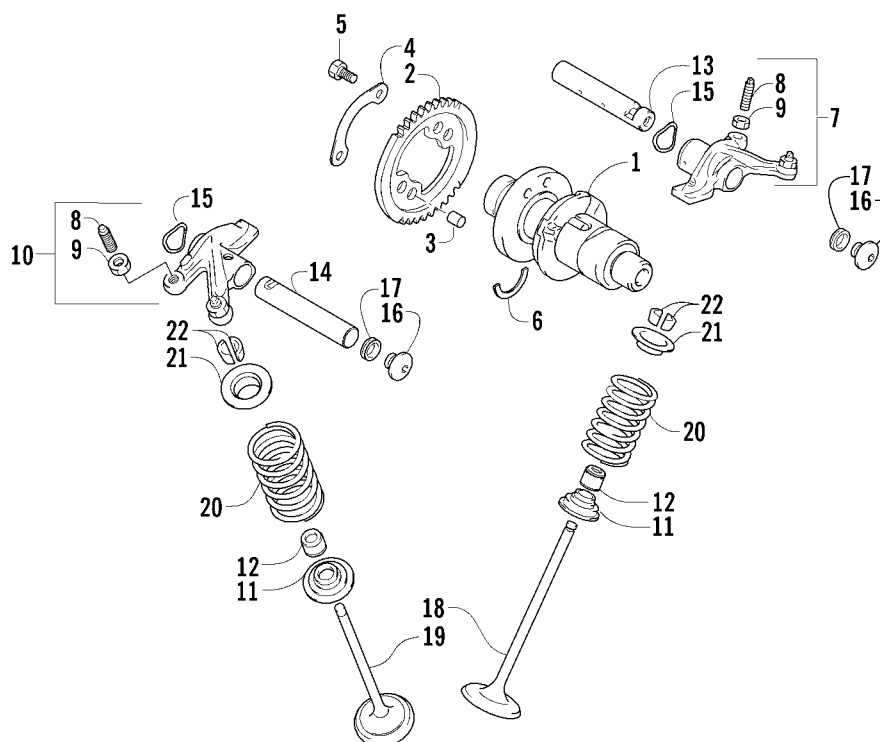
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-603	1	Gear, Starter Idler-No.1	5	3402-690	1	Clutch, Starter-Set (inc.6)
2	3402-124	1	Gear, Starter Idler-No. 2	6	3402-674	1	● Bearing
3	3423-331	1	Pin, Starter Idler Gear No.1	7	3423-102	6	Bolt
4	3423-397	1	Pin, Starter Idler Gear No.2				



CRANK BALANCER ASSEMBLY

0739-846

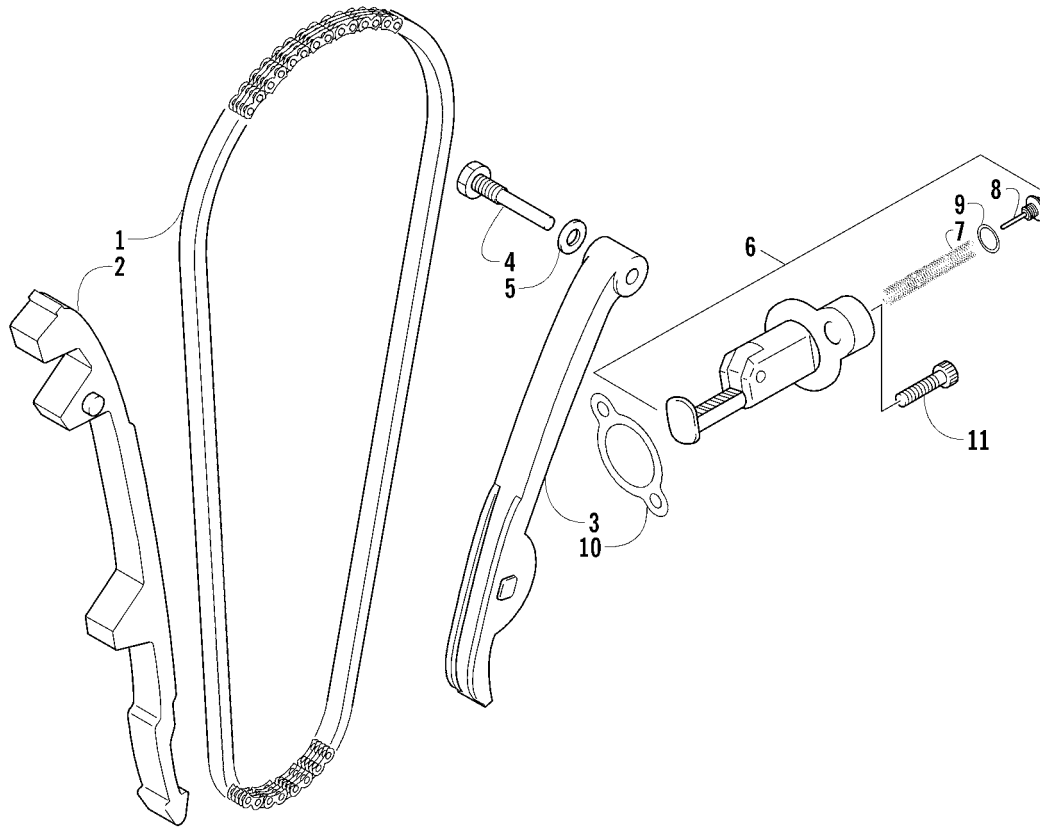
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-605	1	Balancer, Crank	5	3402-617	1	Gear, Oil Pump Drive
2	3402-553	2	Bearing	6	3423-110	1	Pin, Drive Gear
3	3004-540	1	Key	7	3423-401	1	Washer, Drive Gear
4	3402-772	1	Gear, Driven	8	3423-555	1	Bolt, Drive Gear



CAMSHAFT/VALVE ASSEMBLY

0739-847

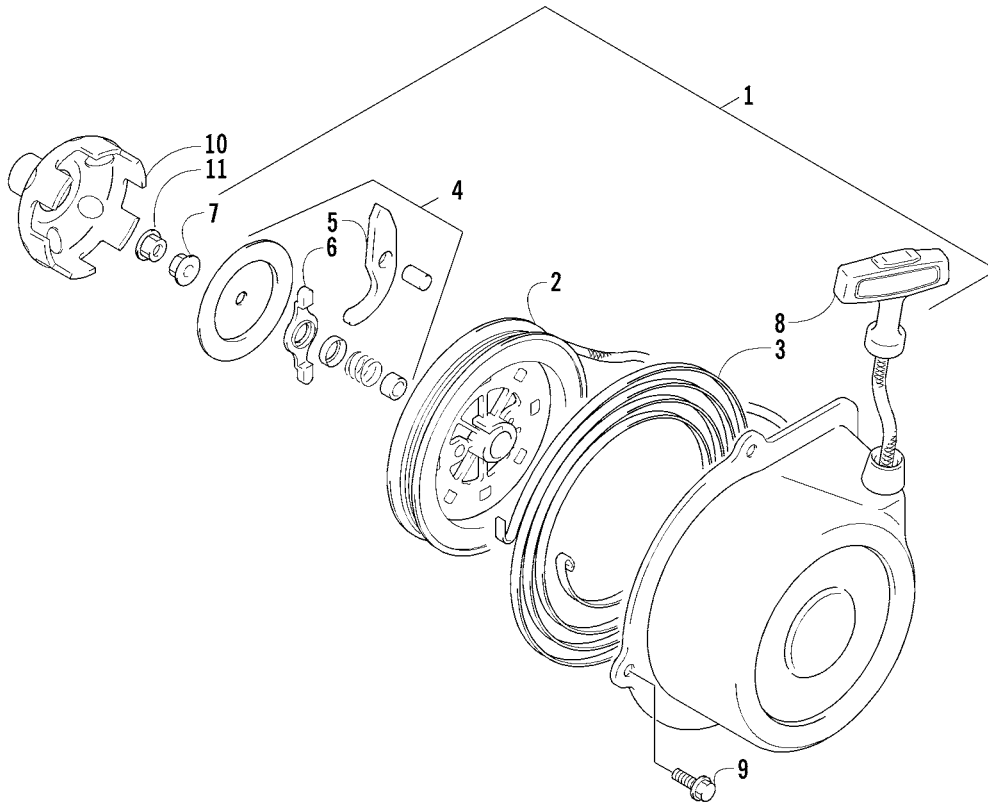
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-989	1	Camshaft	11	3402-148	4	Seat, Spring
2	3402-611	1	Sprocket	12	3402-078	4	Seal, Oil
3	3423-047	1	Pin	13	3402-140	1	Shaft, Rocker Arm
4	3423-073	1	Washer	14	3402-141	1	Shaft, Rocker Arm
5	3423-013	2	Bolt	15	3423-031	2	Washer
6	3423-071	1	C-Ring	16	3423-111	2	Plug, Shaft
7	3402-805	1	Arm, Valve Rocker – Intake (inc. two No. 8-9)	17	3402-012	2	Gasket
8	3423-075	4	● Screw	18	3402-725	2	Valve, Intake
9	3423-076	4	● Nut	19	3402-143	2	Valve, Exhaust
10	3402-139	1	Arm, Valve Rocker – Exhaust (inc. two No. 8-9)	20	3402-726	4	Spring, Valve
				21	3402-541	4	Retainer, Spring
				22	3402-147	8	Cotter, Valve



CAM CHAIN ASSEMBLY

0737-051

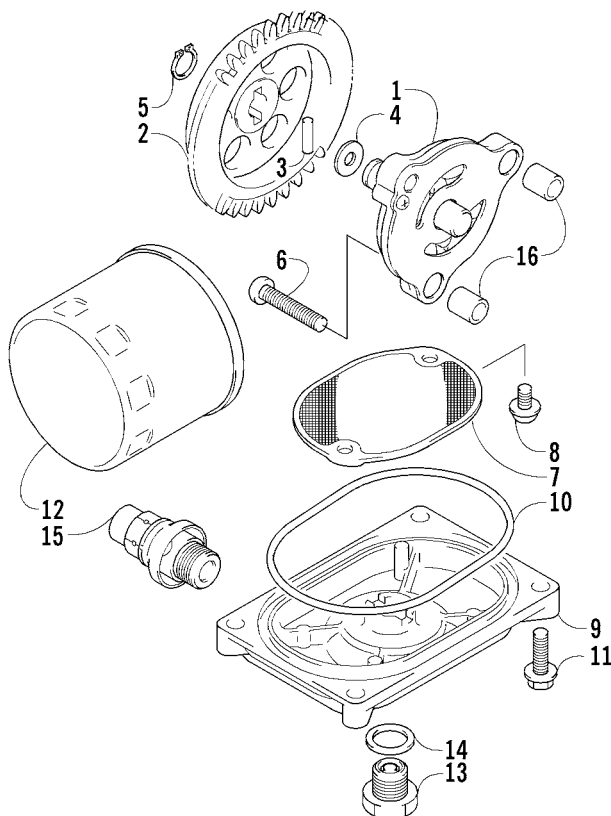
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-281	1	Chain, Cam	7	3423-484	1	● Spring
2	3402-612	1	Guide, Cam Chain	8	3423-485	1	● Plug
3	3402-613	1	Tensioner, Cam Chain	9	3423-286	1	● O-Ring
4	3423-074	1	Bolt	10	3402-287	1	Gasket, Adjuster
5	3402-436	1	Washer	11	3004-512	2	Bolt
6	3402-614	1	Adjuster, Tensioner – Assembly (inc. 7-9)				



RECOIL STARTER ASSEMBLY

0737-034

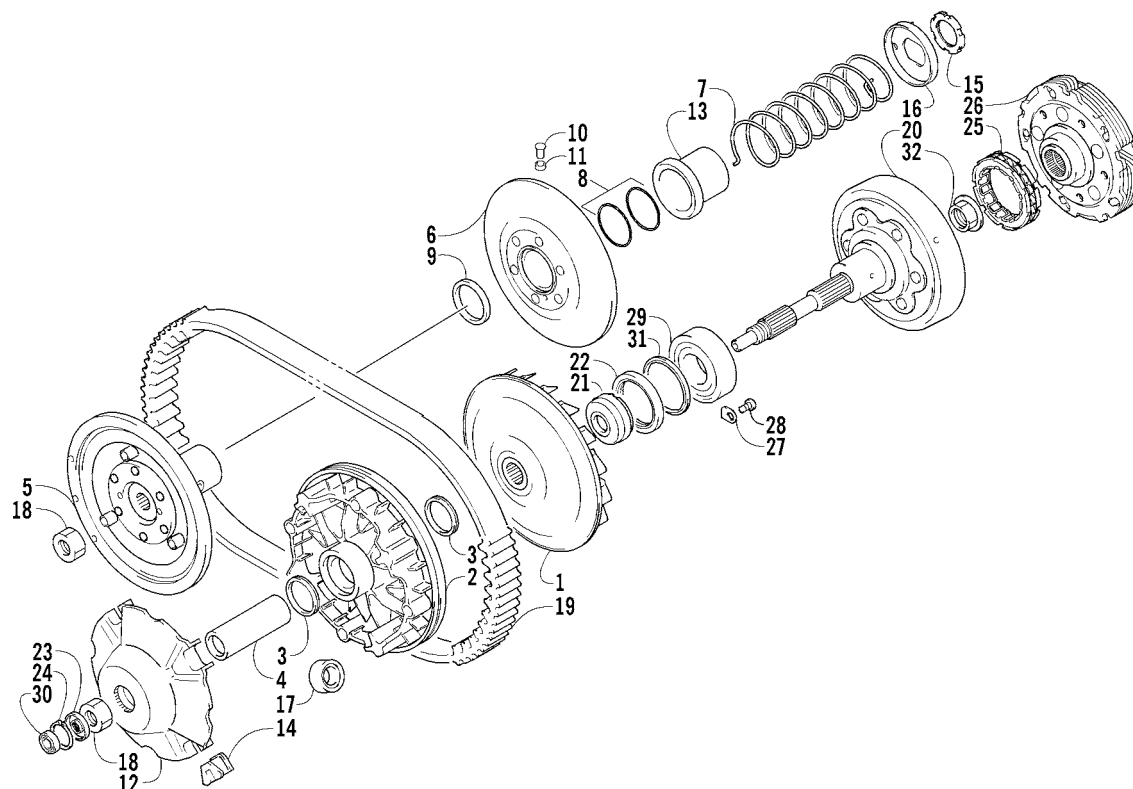
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3445-003	1	Starter, Recoil-Assembly (inc. 2-8)	7	3004-488	1	● Nut
2	3445-004	1	● Reel	8	3445-011	1	● Rope Assembly
3	3445-007	1	● Spring, Spiral	9	3423-428	4	Screw, Cap
4	3445-016	1	● Ratchet-Assembly (inc. 5-6)	10	3445-029	1	Cup, Starter
5	3445-005	1	● ● Ratchet	11	3004-491	1	Nut
6	3445-006	1	● ● Guide, Ratchet				



OIL FILTER/PUMP ASSEMBLY

0737-035

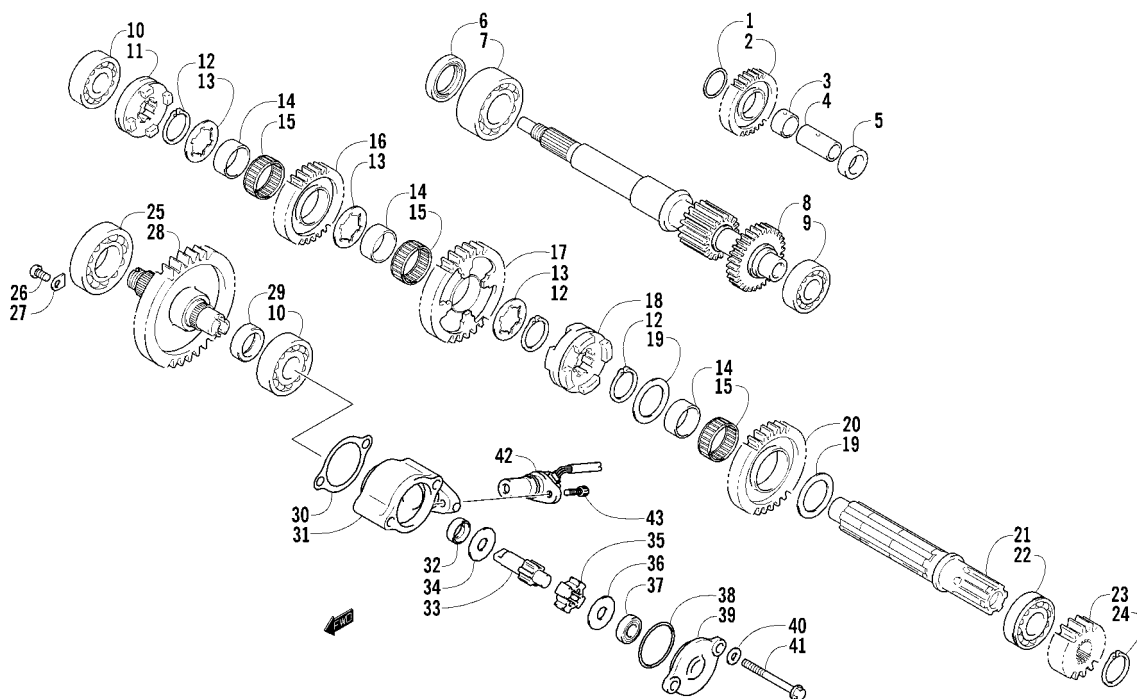
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-619	1	Pump, Oil	9	3402-157	1	Cap, Oil Strainer
2	3402-618	1	Gear, Driven	10	3423-077	1	O-Ring
3	3423-046	1	Pin	11	3004-756	4	Screw, Cap
4	3423-443	1	Washer	12	0436-146	1	Filter, Oil
5	3423-184	1	Circlip	13	3402-728	1	Plug, Drain
6	3423-113	3	Screw	14	3402-012	1	Gasket, Drain Plug
7	3402-156	1	Strainer, Oil	15	3402-773	1	Valve, Oil Relief-Assembly
8	0693-389	2	Screw	16	3005-206	2	Pin, Oil Pump



TRANSMISSION ASSEMBLY

0737-52

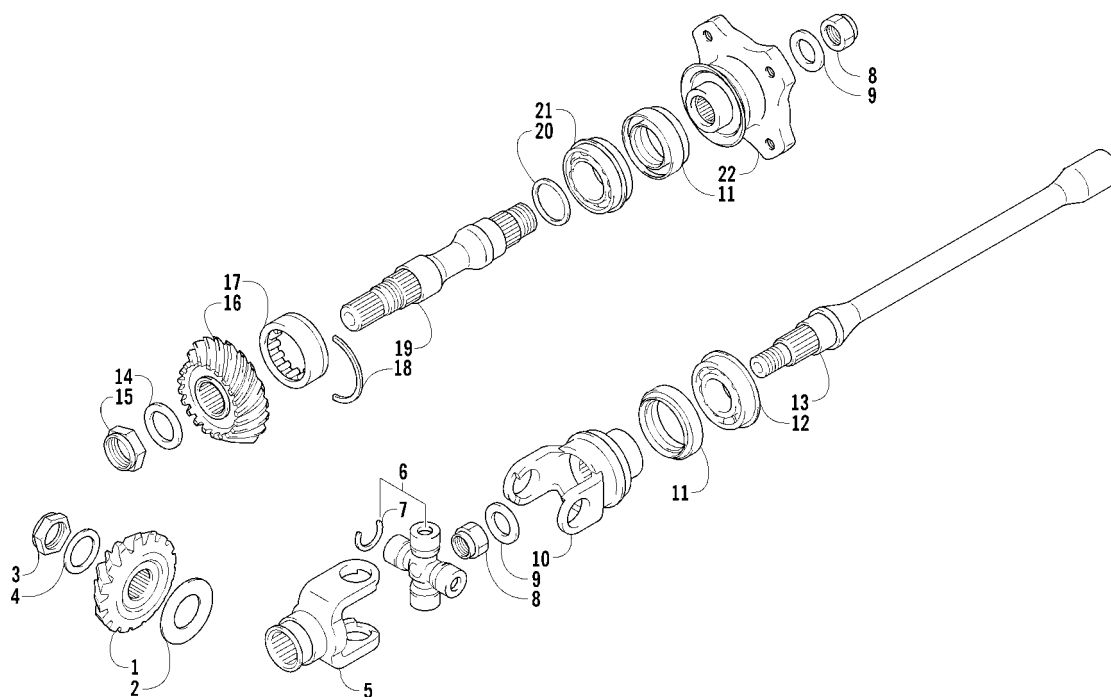
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-622	1	Face, Fixed Drive	17	3402-633	8	Roller, Movable Drive Face
2	3402-623	1	Face, Movable Drive	18	3423-437	2	Nut
3	3402-624	2	Seal, Movable Drive Face	19	3402-664	1	V-Belt
4	3402-625	1	Spacer, Movable Drive Face	20	3402-620	1	Housing, Clutch
5	3402-626	1	Face, Fixed Driven	21	3402-621	1	Spacer, Fixed Drive Face
6	3402-627	1	Face, Movable Driven	22	<u>3402-977</u>	1	Seal, Clutch Housing
7	3423-486	1	Spring, Movable Driven Face	23	3402-574	1	Seal, Clutch Housing
8	3423-487	2	O-Ring, Movable Driven Face	24	3423-505	1	Circlip
9	3402-629	2	Seal, Movable Driven Face	25	3446-003	1	Clutch, One Way
10	3402-477	3	Pin, Movable Driven Face	26	3446-278	1	Shoe, Clutch Assembly
11	3402-478	3	Spacer, Movable Driven Face	27	3446-031	2	Retainer, Bearing
12	3402-630	1	Plate, Movable Drive Face	28	3423-435	2	Screw, Bearing Retainer
13	3402-631	1	Sleeve, Movable Driven Face	29	3402-567	1	Bearing
14	3402-481	4	Damper, Movable Drive Face	30	3402-693	1	Bearing
15	3423-489	1	Nut, Driven Pulley	31	3423-353	1	O-Ring
16	3402-632	1	Holder, Movable Driven Face Spring	32	3423-501	1	Nut



SECONDARY TRANSMISSION ASSEMBLY

0739-848

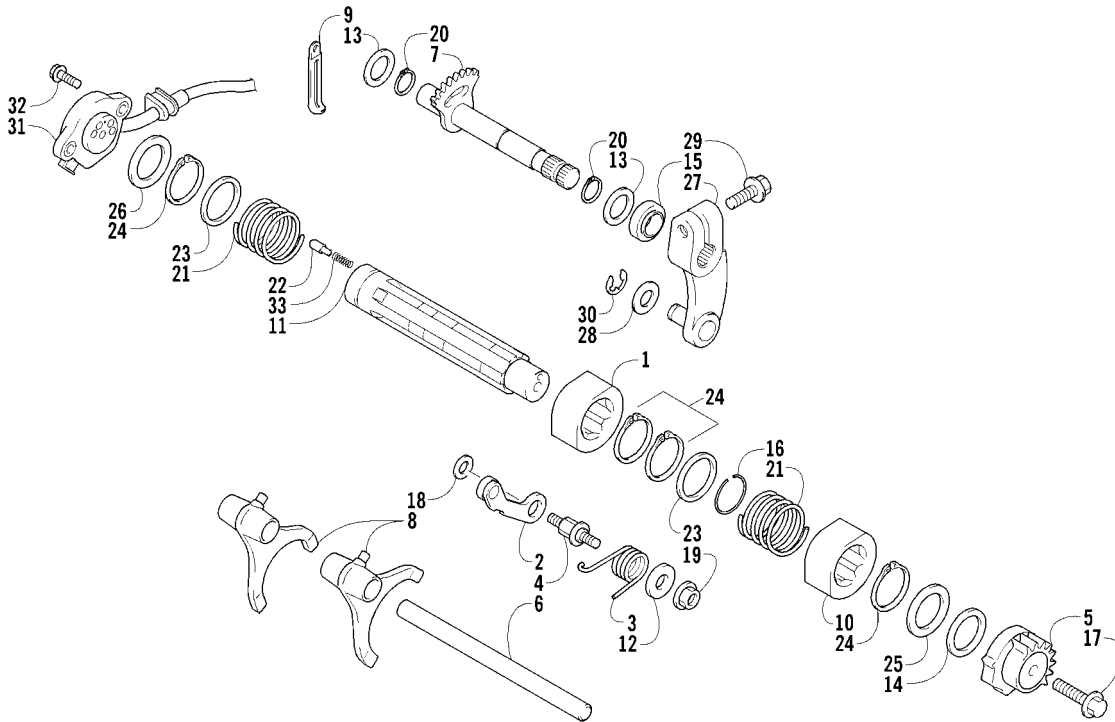
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-195	2	Washer, Reverse Idle Gear	23	3402-669	1	Gear, Drive-No. 2
2	3402-503	1	Gear, Reverse Idle	24	3423-191	1	Circlip
3	3446-103	1	Bushing, Reverse Idle Gear	25	3402-055	1	Bearing, Output Shaft
4	3402-634	1	Shaft, Reverse Idle	26	3423-370	2	Screw, Bearing Retainer
5	3423-442	1	Spacer, Reverse Idle Gear	27	3446-031	2	Retainer, Bearing
6	3402-500	1	Seal, Driveshaft	28	3402-666	1	Shaft, Output
7	3402-499	1	Bearing, Driveshaft	29	3423-494	1	Spacer, Output Shaft
8	3402-665	1	Driveshaft	30	3446-244	1	Gasket, Housing
9	3003-261	1	Bearing, Driveshaft-Left	31	<u>3446-400</u>	1	Housing, Speedometer Sensor
10	3402-045	2	Bearing, Shaft	32	3006-322	1	Seal, Shaft
11	3402-636	1	Dog, Reverse Driven Gear	33	<u>3446-402</u>	1	Shaft, Output
12	3423-066	3	Circlip	34	3423-617	1	Washer
13	3423-263	3	Washer	35	3402-837	1	Rotor
14	3402-494	3	Bushing	36	<u>3423-767</u>	1	Washer
15	3402-498	3	Bearing	37	<u>3402-980</u>	1	Bearing
16	3402-635	1	Gear, Reverse Driven	38	<u>3423-766</u>	1	O-Ring
17	3402-668	1	Gear, Driven – Low	39	<u>3446-401</u>	1	Cover, Speedometer Sensor Housing
18	3402-496	1	Dog, Sliding	40	3003-290	2	Gasket
19	3423-448	2	Washer	41	3423-307	2	Bolt
20	3402-495	1	Gear, Driven-High	42	<u>3402-981</u>	1	Sensor, Speedometer
21	3402-667	1	Countershaft	43	3423-226	1	Bolt
22	3004-209	1	Bearing, Shaft				



SECONDARY DRIVE ASSEMBLY

0739-850

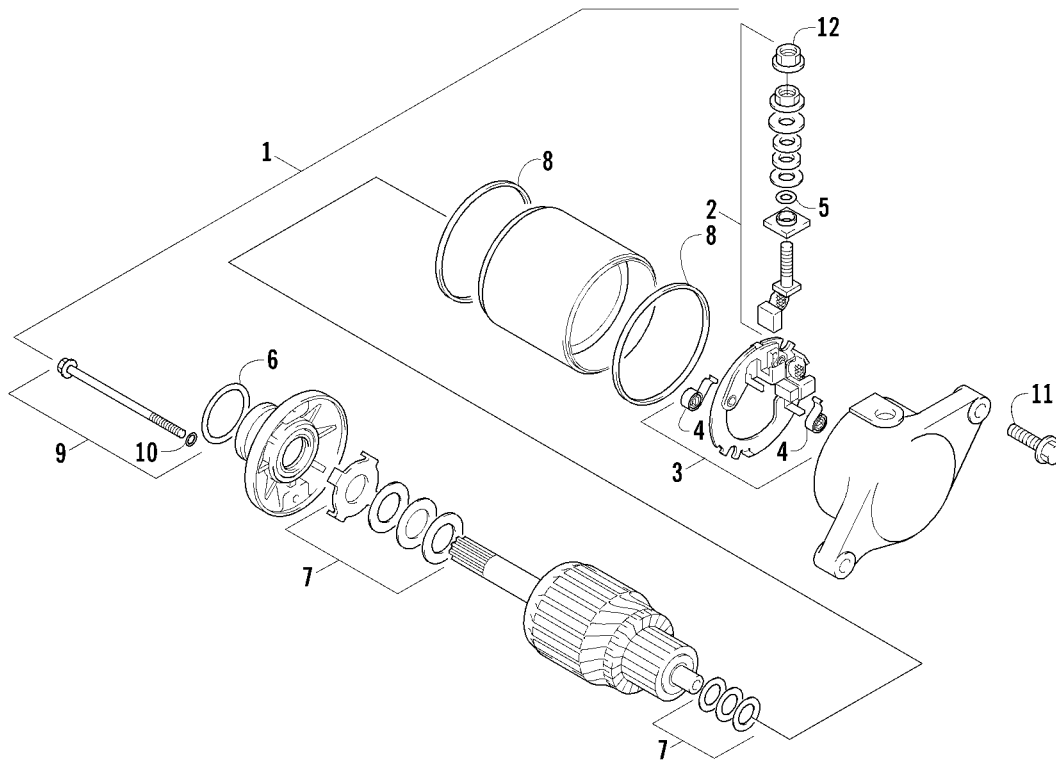
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-637	1	Gear, Secondary Drive	18	3423-072	1	C-Ring, Driven Bearing
2	3446-035	1	Shim, Secondary Drive Gear- Set	19	3402-639	1	Shaft, Secondary Driven – Rear
3	3423-023	1	Nut	20	3402-017	AR	Shim, 25 x 34 x 0.60 mm
4	3005-372	1	Washer		3402-018	AR	Shim, 25 x 34 x 0.65 mm
5	3446-327	1	Yoke, Propeller Shaft		3402-019	AR	Shim, 25 x 34 x 0.70 mm
6	3402-562	1	Joint, Universal-Set (inc. 7)		3402-020	AR	Shim, 25 x 34 x 0.75 mm
7	3423-479	4	● Circlip		3402-021	AR	Shim, 25 x 34 x 0.80 mm
8	3423-025	2	Nut		3402-022	AR	Shim, 25 x 34 x 0.85 mm
9	3423-028	1	Washer		3402-023	AR	Shim, 25 x 34 x 0.90 mm
10	3402-742	1	Yoke, Drive Output – Front		3402-024	AR	Shim, 25 x 34 x 0.95 mm
11	3402-072	2	Seal, Oil		3402-025	AR	Shim, 25 x 34 x 1.00 mm
12	3402-558	1	Bearing, Front Secondary Driven Shaft		3402-028	AR	Shim, 25 x 34 x 1.05 mm
13	3402-694	1	Shaft, Secondary Driven – Front		3402-029	AR	Shim, 25 x 34 x 1.10 mm
14	3423-137	1	Washer, Secondary Driven Gear		3402-030	AR	Shim, 25 x 34 x 1.15 mm
15	3423-136	1	Nut, Secondary Driven Gear		3402-031	AR	Shim, 25 x 34 x 1.20 mm
16	3402-638	1	Gear, Secondary Driven	21	3402-067	1	Bearing, Rear Secondary Driven Shaft
17	3402-515	1	Bearing, Driven Gear	22	3402-514	1	Flange, Output Joint - Rear



GEAR SHIFTING ASSEMBLY

0737-055

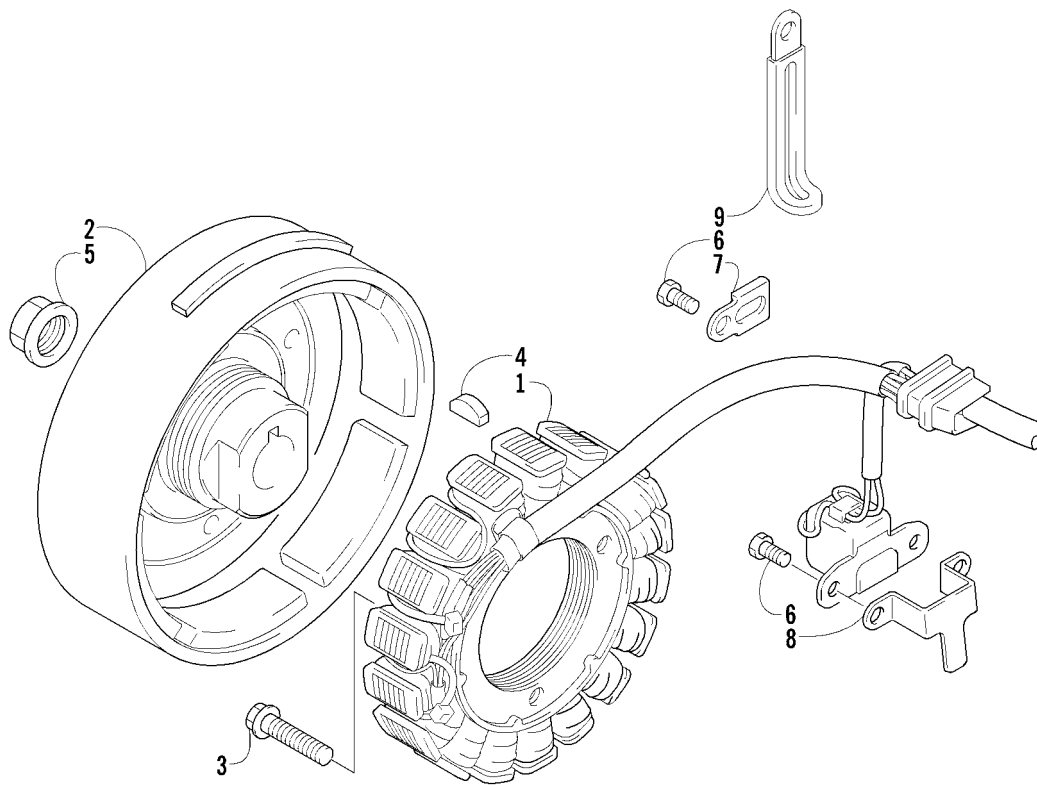
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-640	1	Cam, Reverse	18	3423-141	1	Washer, Cam Stopper
2	3446-043	1	Stopper, Cam	19	3004-488	1	Nut, Cam Stopper Spring
3	3446-283	1	Spring, Cam Stopper	20	3423-358	2	Circlip, Sub-Gear Shift Shaft
4	3446-048	1	Support, Cam Stopper	21	3446-280	2	Spring, Cam
5	3402-642	1	Plate, Gear Shift Cam	22	3423-044	2	Contact
6	3402-643	1	Shaft, Shift Fork	23	3402-382	2	Washer, Cam Spring
7	3402-644	1	Shaft, Sub-Gear Shift	24	3423-191	4	Circlip, Cam Spring
8	3446-073	2	Fork, Shift	25	3402-195	1	Washer, Shift Shaft
9	3004-787	1	Clamp, Wire	26	3423-421	1	Washer, Shift Shaft
10	3402-670	1	Cam, Gear Shift	27	3402-434	1	Arm, Select
11	3446-281	1	Shaft, Gear Shift	28	3423-204	1	Washer, Select Arm
12	3423-438	1	Washer, Cam Stopper Spring	29	3004-341	1	Bolt, Select Arm
13	1691-043	2	Washer, Sub-Gear Shift Shaft	30	3423-153	1	E-Ring
14	3423-446	1	Washer, Gear Shift Cam Plate	31	<u>3402-997</u>	1	Base, Gear Shift-Assembly
15	3402-076	1	Seal, Sub-Gear Shift Shaft	32	3423-418	2	Bolt
16	3423-416	1	C-Ring, Cam	33	3402-087	2	Spring
17	3004-376	1	Bolt, Gear Shift Cam Plate				



STARTER MOTOR ASSEMBLY

0737-056

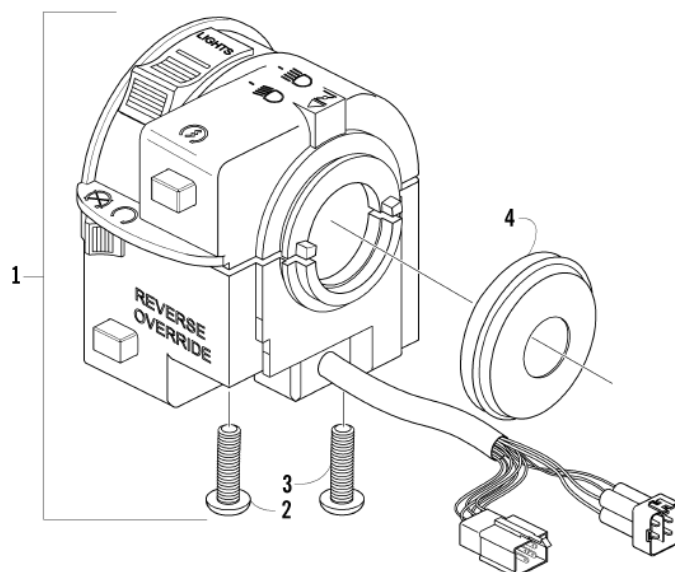
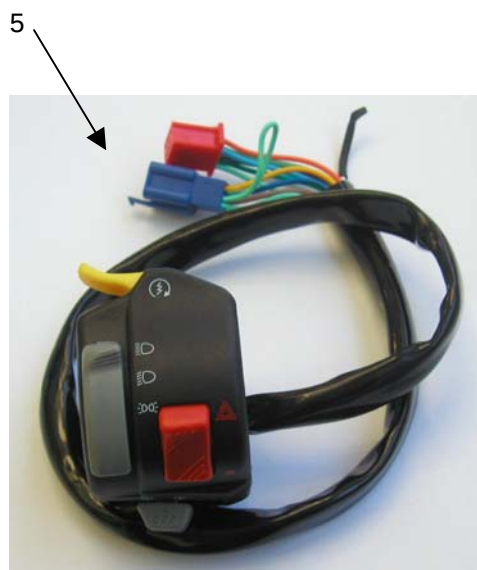
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3545-016	1	Motor, Starter Assembly (inc. 2-10)	7	3008-099	1	● Washer Set
2	3402-671	1	● Terminal Set, Brush	8	3423-497	2	● O-Ring
3	3402-672	1	● Holder Set, Brush (inc. 4)	9	3423-498	2	● Through-Bolt (inc. 10)
4	3008-551	4	● ● Spring, Brush	10	3423-496	2	● ● O-Ring
5	3008-164	1	● O-Ring	11	3004-756	2	Bolt
6	3423-272	1	● O-Ring	12	3423-195	1	Nut



MAGNETO ASSEMBLY

0737-033

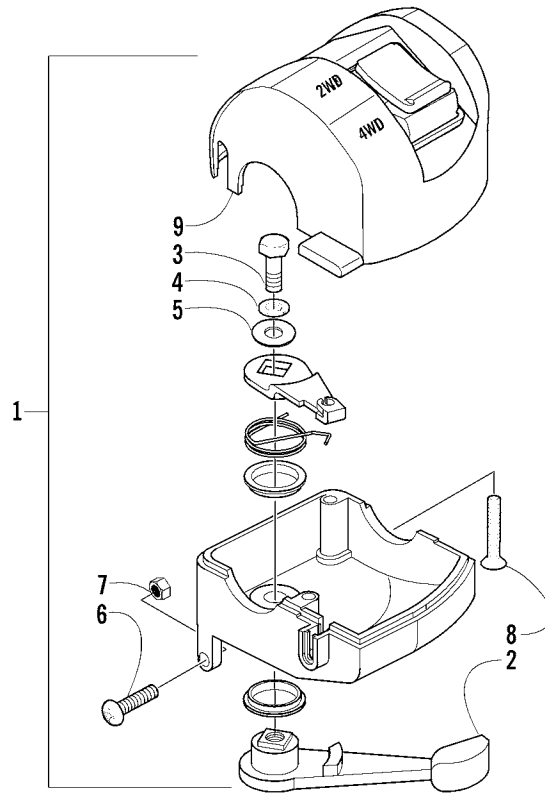
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3430-053	1	Stator Assembly	6	3423-005	3	Bolt
2	3430-054	1	Rotor/Flywheel	7	3430-006	1	Clamp
3	3004-756	3	Bolt	8	3430-005	1	Clamp
4	0691-785	1	Key	9	3002-964	1	Clamp, Wire
5	3423-086	1	Nut				



CONTROL SWITCH HOUSING ASSEMBLY

0739-980

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-014	1	Switch, Control – Assembly (inc. 2-3)	3	0409-028	1	● Screw, Cap
2	0409-027	1	● Screw	4	3409-019	1	Cover, Choke Lever
Homologated ATV's							
5	AC000-018	1	Switch combined				



THROTTLE CASE ASSEMBLY

0738-414

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

RELATED ITEMS

2005 ATV 400 FIS (Automatic Transmission)

Red (Model No. A2005ISH4BUSI)

Green (Model No. A2005ISH4BUSH)

Cat Green (Model No. A2005ISH4BUSJ)

0436-479	Articulating Spool Mount
0436-548	Articulating Spool Receiver Mount Adapter
0436-679	Bag, Fender – Black
0436-336	Bag, Rack, Front – Black
0436-480	Bar, Utility/Gun Rack
0436-640	Brush Guard/Bumper
0436-616	Bumper (Rear)
0436-464	Camp Stove Cradle
0436-454	Cargo Box
0436-625	Cargo Box Quick- Release-Kit
0436-459	Carryall (9 x 12)
0436-460	Carryall (11 x 17)
0436-652	Carryall (14 x 27)
0436-476	Chain Saw Lock
0436-477	Cord Reel
0436-381	Cover, Black and Green
0436-339	Cover, Timber Camo
0436-005	Engine Oil – 10W40
0436-003	Engine Oil – 5W30
0436-466	Fender Box
0436-538	Gear Cradle
0436-007	Gear Lube (Diff) – 80W90
0436-501	Grease, High-Performance
0436-627	Gun Scabbard Kit
0436-706	Gun Scabbard Mount
0436-505	Hand Guards - Black
0436-352	Hand/Thumb Warmers
0436-639	Ice Auger Holder
0436-463	Light Bar
2257-176	Manual, Illustrated Parts
2257-034	Manual, Operator's (E)
2257-172	Manuel d'utilisation (F)
0436-626	Rack Basket
0436-649	Rack Extension, 4 in. (Front)
0436-648	Rack Extension, 8 in. (Rear)
0436-579	Rapid Blind (Break-Up)
0436-580	Rapid Blind (Shadow Grass)
0436-578	Rapid Shack (Blue Ice)
0436-511	Rod Holder - Adjustable
0436-386	Snowplow Attachment Kit
0436-228	Snowplow Blade, 50 in. - Straight
0436-287	Snowplow Blade, 50 in. – One Way
0436-296	Snowplow Blade, 60 in. - Straight

0436-360	Snowplow Blade, 60 in. – One Way
0436-356	Snowplow, Push Frame
0436-471	Speedclamp, Double
0436-624	Sprayer System
0436-508	Sprayer Boom
0436-465	Table, Expansion
1402-028	Tire, Titan AT589 (25 x 8-12, Mud & Snow)
0402-563	Tire, Titan AT589 (25 x 10-12, Mud & Snow)
0436-478	Tool Caddy
0436-297	Tool Holder - Double
0436-263	Tool Holder - Single
0436-468	Tree Stand/Bow Case Holder
0436-699	Winch, 2500 lb
0436-361	Winch Mounting Kit
0436-507	Windshield, Clear w/Black Accent
0436-470	Workbase (8 in.)

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

