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500

STREET LEGAL



2007

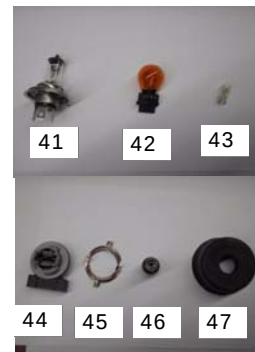
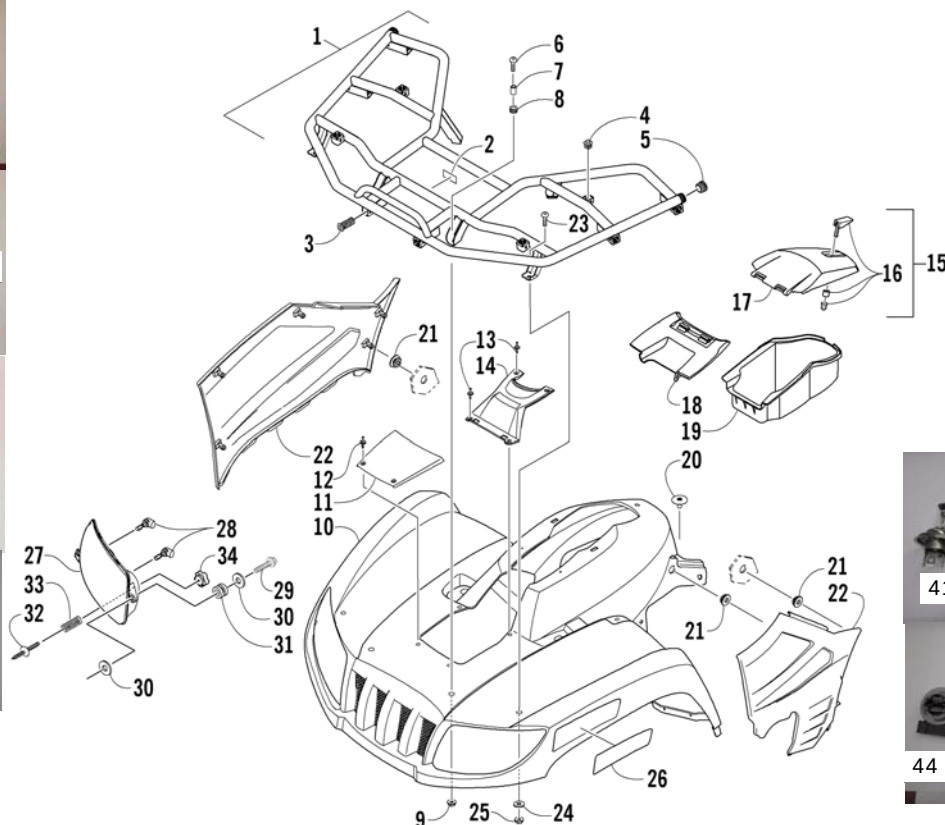
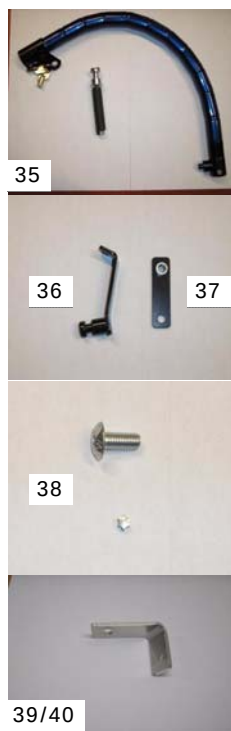
Illustrated Parts Manual

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2007 ATV 500 FIS (Automatic Transmission)

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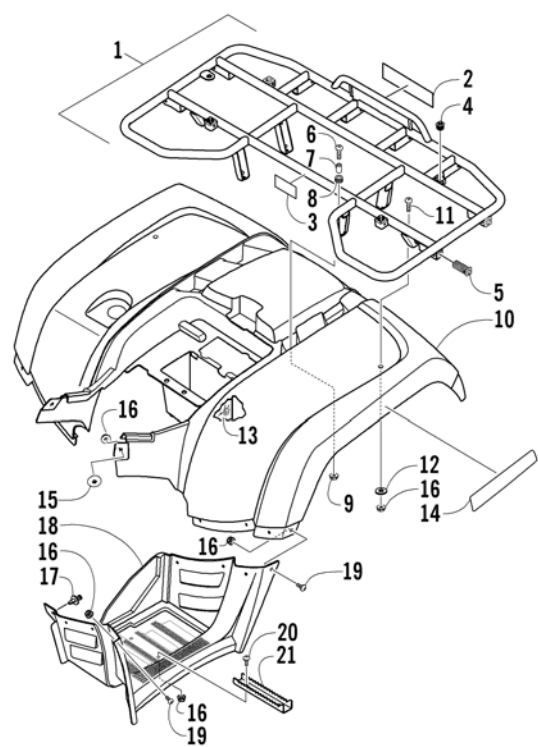
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2007 model year.



FRONT BODY PANEL ASSEMBLY

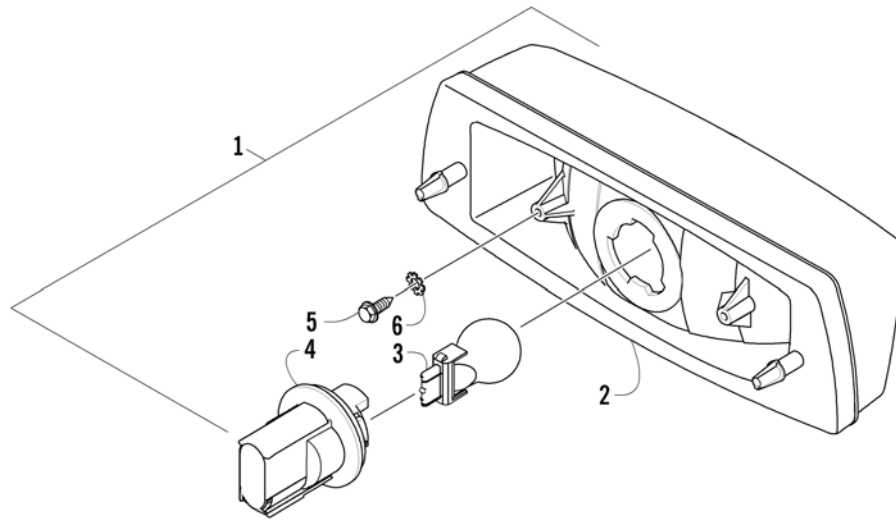
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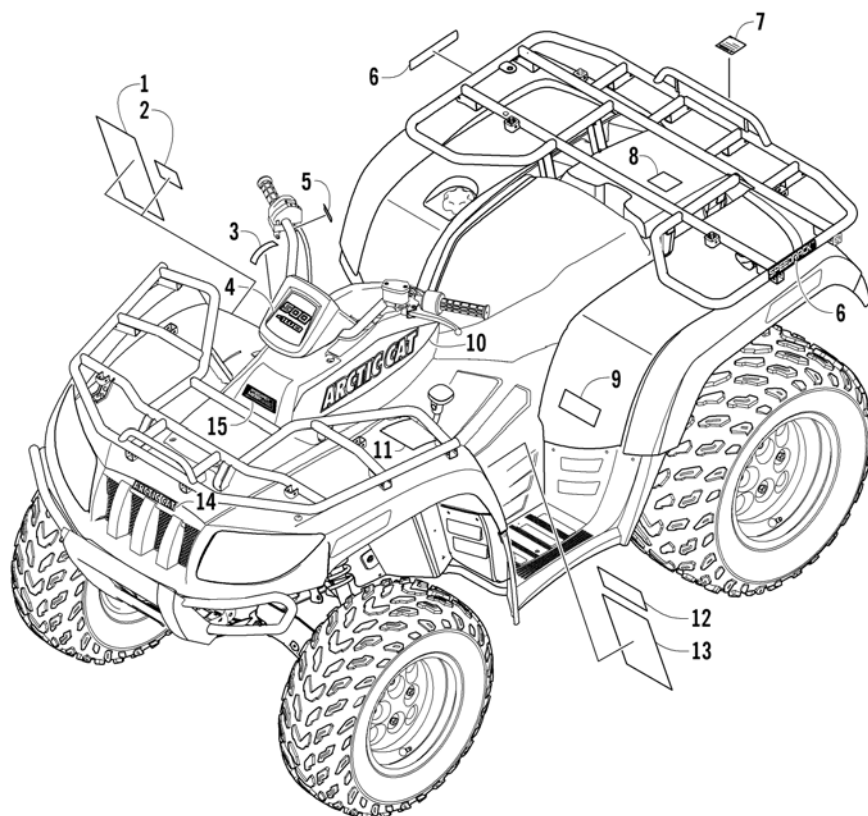
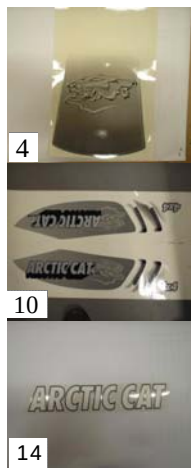
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0541-272	1	Rack - Front - Assembly (inc. 2-5)	25	0423-540	2	Nut, Lock
2	0411-576	1	ø Decal, Warning - Front Rack Load	26	0411-818	1	Decal, Reflector - Front - Right
3	2406-014	6	ø Bushing, Rack		0411-819	1	Decal, Reflector - Front - Left
4	0441-592	4	ø Bushing, Rack	27	0509-036	1	Headlight Assy. RH ECE (inc. 41-47)
5	1441-049	2	ø Plug, Rack		0509-037	1	Headlight Assy. LH ECE (inc. 41-47)
6	8410-830	4	Screw, Machine	28	0409-055	4	ø Bulb, Headlight
7	0423-669	4	Spacer	29	0623-785	4	Screw, Self-Tapping
8	0423-465	4	Grommet	30	8050-217	8	Washer
9	8432-802	4	Nut, Lock	31	0423-447	4	Grommet
10	2406-395	1	Panel, Fender - Front	32	0423-514	2	Stud, Adjuster - Headlight
	2406-397	1	Panel, Fender - Front (Green)	33	0423-522	2	Spring, Adjuster
	2406-396	1	Panel, Fender - Front (Cat Green)	34	0423-513	2	Knob, Adjuster
11	1406-358	1	Cover, Access	35	AC008-790	1	Anti Theft Device
12	0423-535	2	Rivet, Reinstallable	36	AC008-793	1	Bracket Anti Theft Device
13	0623-362	4	Rivet, Reinstallable	37	AC008-792	1	Holder Anti Theft Device
14	1406-484	1	Cover, Steering Post	38	AC008-795	1	Star Screw, Anti Theft Device
15	0470-513	1	Cover, Storage Box	39	AC008-011	1	Holder Panel Left
16	1406-573	1	Box, Storage	40	AC008-012	1	Holder Panel Right
17	2506-234	1	Lid, Storage Box w/Latch (inc. 18-19)	41	0409-096	2	Bulb, H/L Headlight 35/35W
18	1406-599	1	ø Latch, Storage Box	42	0409-099	2	Bulb, Turn Signal
19	0470-514	1	ø Lid, Storage Box	43	0409-101	2	Bulb, Position Light
20	2406-300	1	Panel, Side - Right	44	0409-100	2	Socket, Bulb Turn
	2406-301	1	Panel, Side - Left	45	0409-097	2	Retainer Bulb
21	0423-678	8	Grommet	46	0409-102	2	Socket, Bulb Position Light
22	0423-101	2	Screw, Body	47	0409-098	2	Boot H/L Rubber
23	0423-654	2	Screw, Shoulder				
24	8050-222	2	Washer				



REAR BODY PANEL ASSEMBLY

0741-836							
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0541-337	1	Rack - Rear - Assembly (inc. 2-5)	11	0423-654	2	Screw, Shoulder
2	0411-814	1	ø Decal, "Arctic Cat"	12	8050-222	2	Washer
3	0411-648	1	ø Decal, Warning - Rear Rack Load	13	<u>0470-658</u>	1	Shield, Heat
4	0441-592	4	ø Bushing, Rack	14	0411-820	1	Decal, Reflector - Rear - Right
5	2406-014	8	ø Bushing, Rack		0411-821	1	Decal, Reflector - Rear - Left
6	8410-830	4	Screw, Machine	15	0423-101	2	Screw, Body
7	<u>0423-669</u>	4	Spacer	16	0423-540	24	Nut, Lock
8	0423-465	4	Grommet	17	0623-362	22	Rivet, Reinstallable
9	8432-802	4	Nut, Lock	18	1406-356	1	Footwell - Right
10	<u>AC006-013</u>	1	Fender EU Homologated Rear (Red)		<u>2406-429</u>	1	Footwell - Left
	<u>AC006-014</u>	1	Fender EU Homologated Rear (Green)	19	0423-419	16	Screw, Machine
	<u>AC006-015</u>	1	Fender EU Homologated Rear (Lime Green)	20	0423-355	4	Screw, Shoulder
				21	1506-125	2	Footpeg
				22	<u>0470-404</u>	2	Grommet

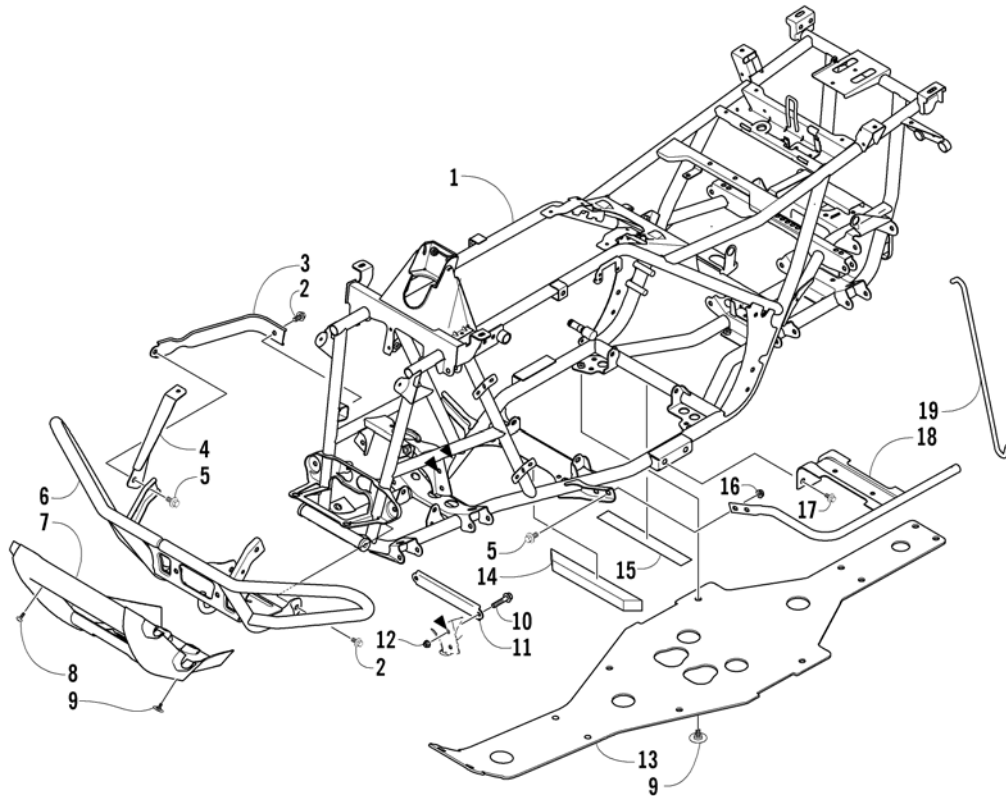
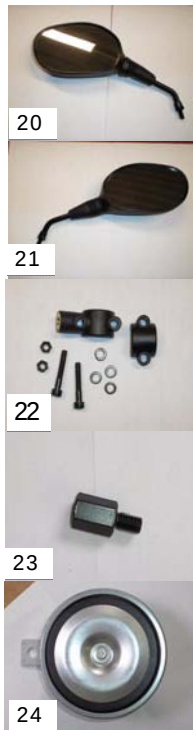




DECALS

0741-323 *Included on Front Fender Panels

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1411-250	1	Decal, Warning—Reverse/Pre-Ride*		1411-358	1	Decal, Side—Upper Right (Green)
2	0411-835	1	Decal, Warning—Turn/Hill		1411-359	1	Decal, Side—Upper Left (Green)
3	0411-426	1	Decal, Warning - Clutch Cover		1411-360	1	Decal, Side—Upper Right (Cat Green)
4	1411-351	1	Decal, Instrument Pod		1411-361	1	Decal, Side—Upper Left (Cat Green)
	1411-352	1	Decal, Instrument Pod (Green)		AC001-644	1	Decal, Side LH
	1411-353	1	Decal, Instrument Pod (Cat Green)		AC001-645	1	Decal, Side RH
	AC001-639	1	Decal, Head	11	0411-401	1	Decal, Warning—Age*
5	0411-966	1	Decal, Warning—Differential Lock	12	1411-574	1	Decal, Warning—Off Road Only
6	0411-965	2	Decal, "Speedrack"	13	0411-218	1	Decal, Warning—General*
7	1411-077	1	Decal, Warning - Towing	14	0411-840	1	Decal, Front
8	0411-435	1	Decal, Passenger		0411-839	1	Decal, Front (Green)
9	0411-430	1	Decal, Warning - Tire Pressure		0411-841	1	Decal, Front (Cat Green)
10	1411-356	1	Decal, Side—Upper Right		AC001-630	1	Decal, Front
	1411-357	1	Decal, Side—Upper Left	15	1411-050	1	Decal, "Speedrack"

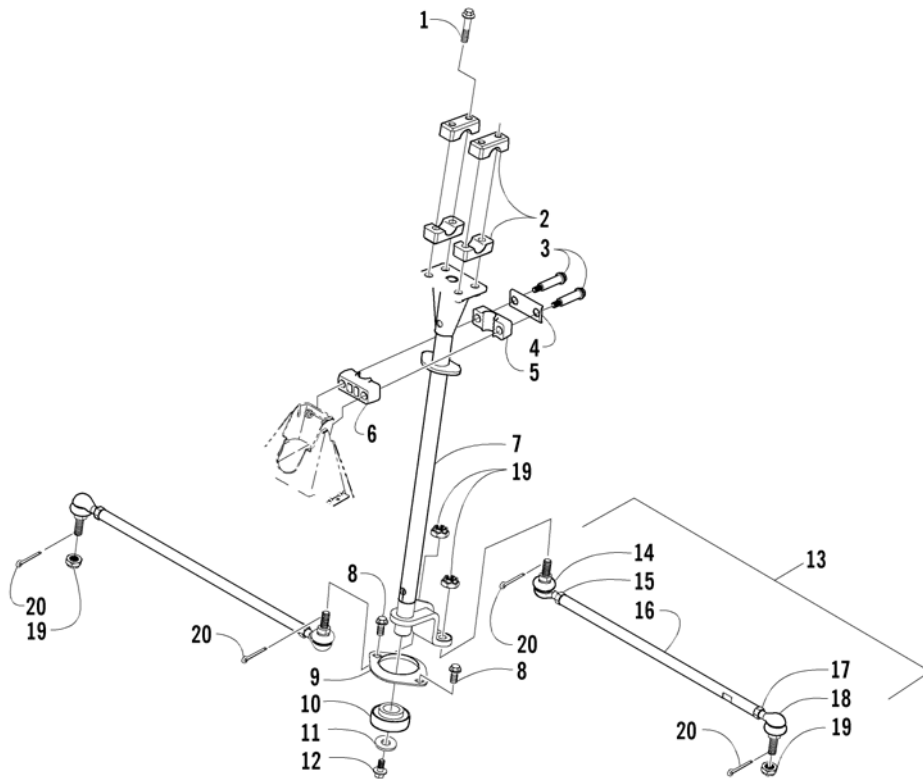


FRAME AND RELATED PARTS

0741-324

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-039</u>	1	Frame, Main	14	1506-067	1	Foam, Frame
2	8409-020	4	Screw, Cap	15	0406-289	1	Pad, Frame
3	0506-653	1	Channel, Bumper Mounting - Right	16	8424-802	4	Nut, Flange
	1506-596	1	Channel, Bumper Mounting - Left	17	8409-016	4	Screw, Cap
4	1506-562	1	Bracket, Mounting - Bumper - Right	18	1506-380	1	Footrest - Right
	1506-563	1	Bracket, Mounting - Bumper - Left		1506-379	1	Footrest - Left
5	8408-816	6	Screw, Cap	19	<u>2406-147</u>	2	Rod, Support
6	1506-855	1	Bumper	20	<u>AC008-751</u>	1	Mirror Left
7	1406-360	1	Grille, Bumper	21	<u>AC008-752</u>	1	Mirror Right
8	0423-419	2	Screw, Machine	22	<u>AC008-753</u>	1	Mirror Mounting Left
9	0423-101	16	Screw, Body	23	<u>AC008-403</u>	1	Mirror Adapter Right
10	8428-002	2	Nut, Lock	24	<u>0430-053</u>	1	Horn
11	1506-429	1	Brace, A-Arm		<u>2406-321</u>	1	Bracket Mount Horn
12	8409-025	2	Screw, Cap				
13	1406-030	1	Panel, Belly				

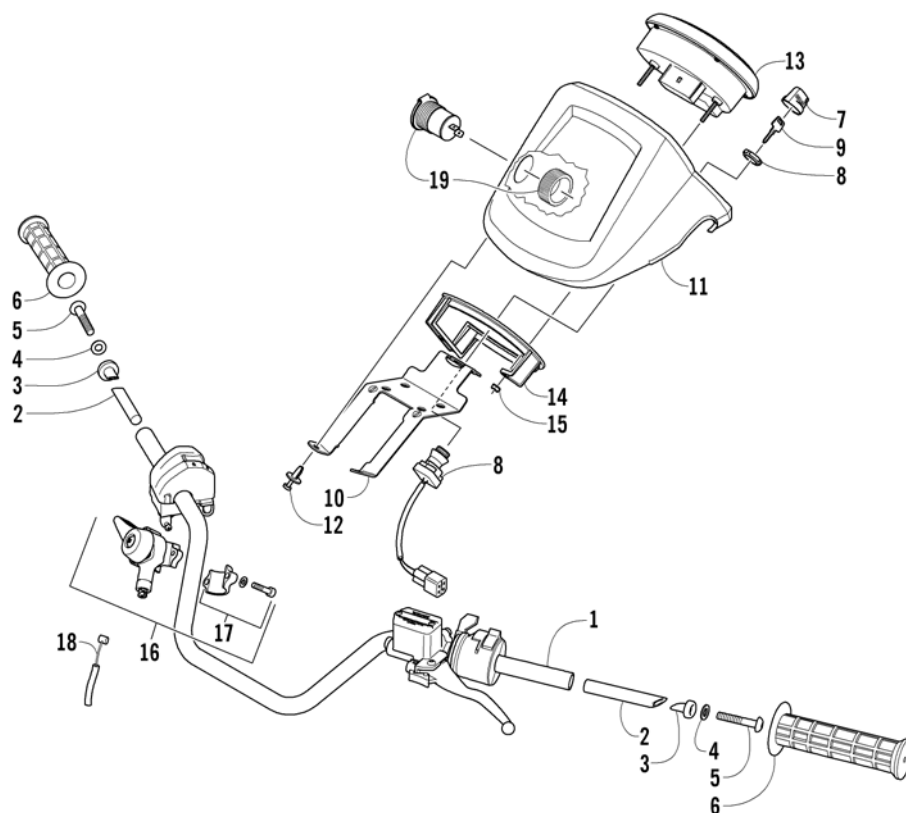
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STEERING POST ASSEMBLY

0739-774

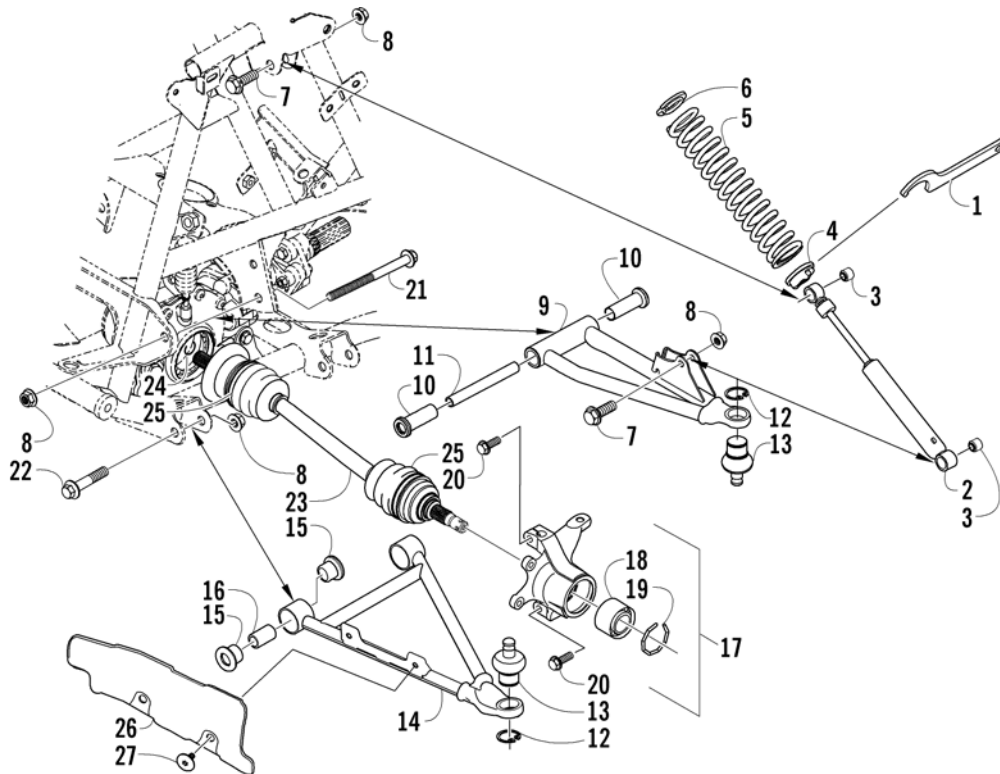
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	11	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	12	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	13	0505-408	2	Tie Rod - Assembly (inc. 14-18)
4	0405-166	1	Cap, Housing	14	0405-083	2	ø Ball Joint, Tie Rod - Left
5	0405-138	1	Housing, Lower	15	0423-013	2	ø Nut - Left
6	0405-139	1	Housing, Upper	16	0405-107	2	ø Tie Rod
7	0505-451	1	Post, Steering	17	8420-002	2	ø Nut - Right
8	8408-816	2	Screw, Cap	18	0405-082	2	ø 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

0741-435

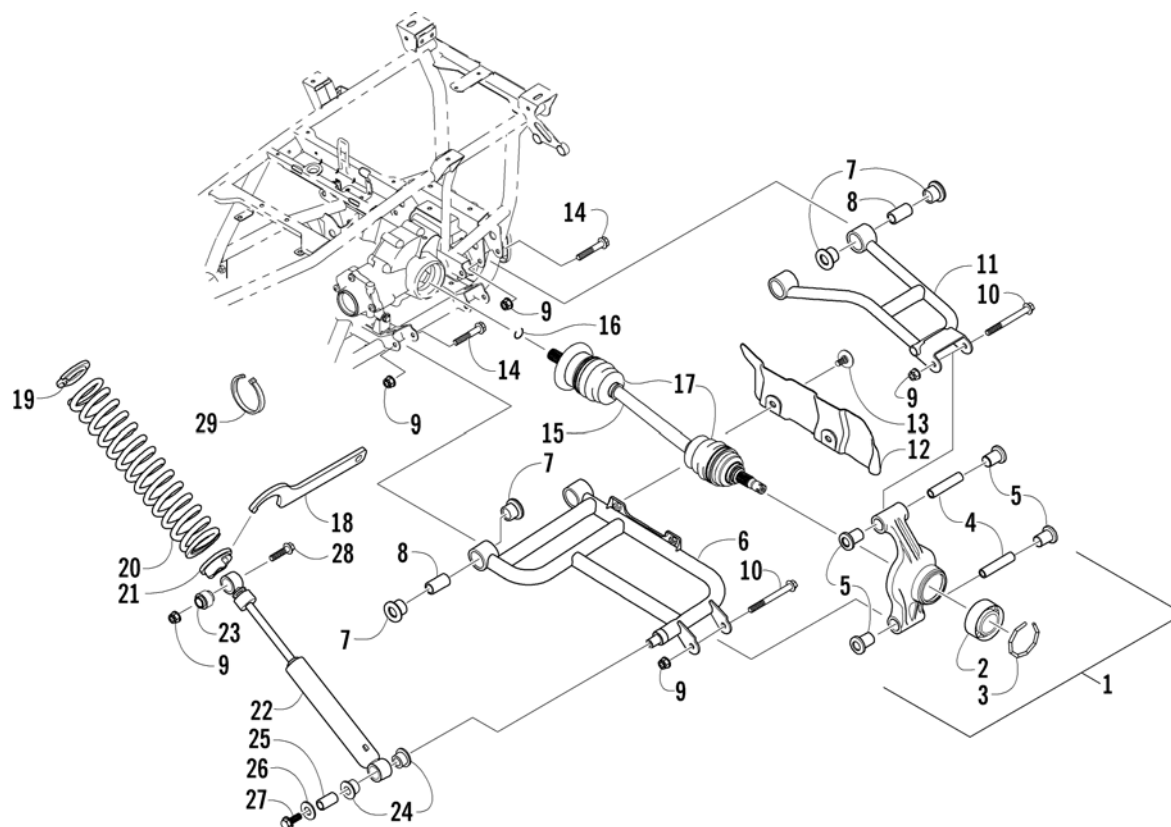
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0505-476</u>	1	Tube, Handlebar	10	1506-578	1	Bracket, Mounting - Instrument Pod
2	0405-218	2	Plug, Handlebar	11	0405-188	1	Instrument Pod
3	0405-149	2	End Cap, Handlebar		0405-189	1	Instrument Pod (Green)
4	8050-247	2	Washer		0405-190	1	Instrument Pod (Cat Green)
5	8477-845	2	Screw, Machine	12	0423-535	2	Rivet, Reinstallable
6	0405-147	2	Grip, Handlebar	13	<u>0520-027</u>	1	Gauge, LCD
7	0409-013	1	Cover, Key	14	0420-065	1	Clamp, Plastic
8	3430-040	1	Switch, Ignition - Assembly (inc. 9)	15	0423-493	2	Nut, Hex
9	3409-007	1	ø Key, Ignition - Blank (C Series)	16	0502-527	1	Control, Differential Lock (inc. 17)
	3409-011	1	ø Key, Ignition - Blank (D Series)	17	0502-613	1	ø Clamp, Differential Lock Control - Kit
	3409-012	1	ø Key, Ignition - Blank (E Series)	18	0487-030	1	Cable, Differential Lock
	3409-013	1	ø Key, Ignition - Blank (F Series)	19	0641-897	1	Outlet, Accessory - 12V



FRONT SUSPENSION ASSEMBLY

0741-444

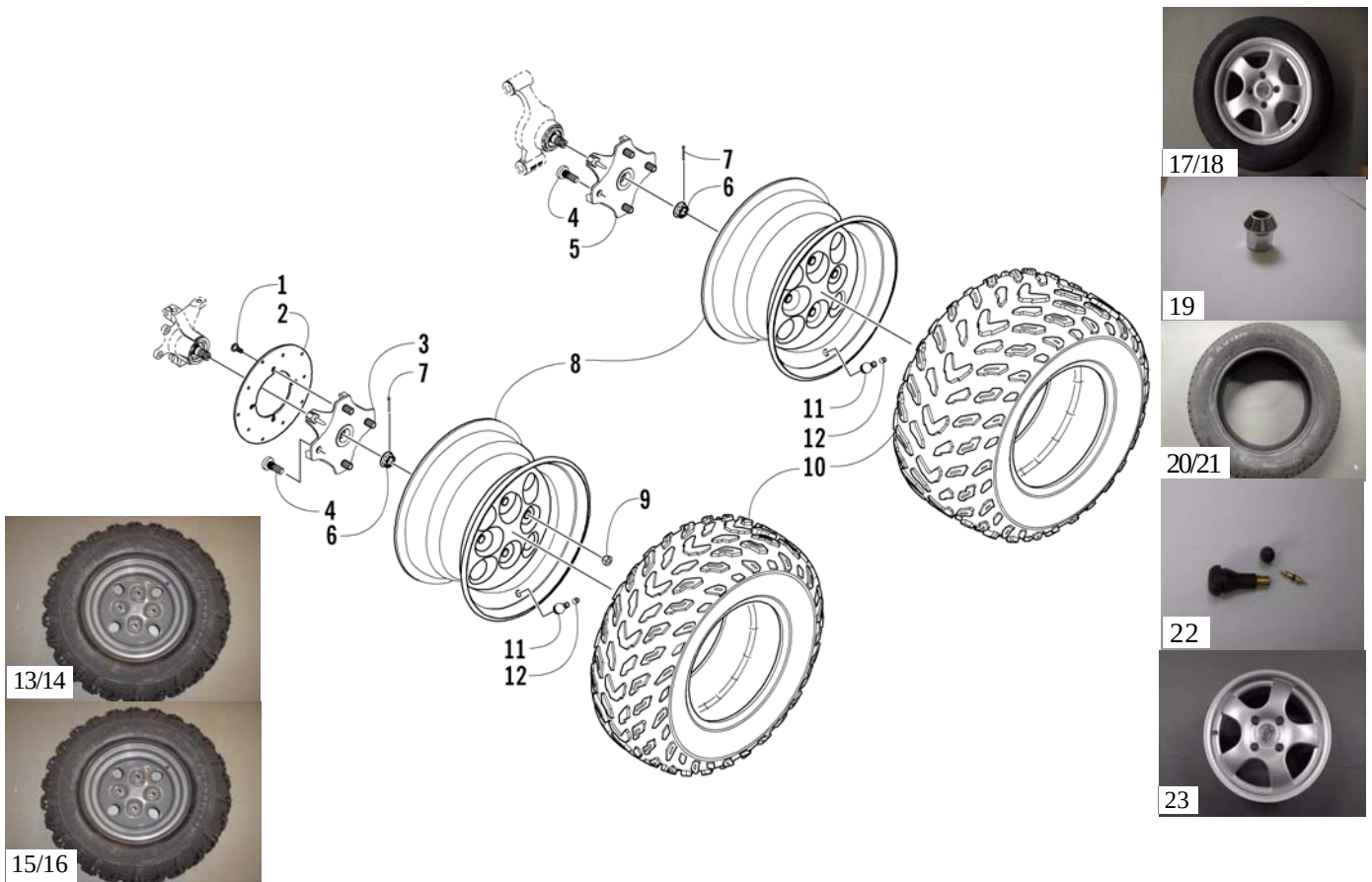
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0441-587	1	Wrench, Spanner	15	0403-115	8	ø Bushing
2	<u>0403-180</u>	2	Shock Absorber - Front (inc. 3)	16	0403-114	4	ø Collar
3	<u>0403-182</u>	8	ø Bushing, Double-Bonded	17	0505-460	1	Knuckle - Assembly - Right (inc. 18-19)
4	0403-102	2	Cam, Spring Adjuster		0505-461	1	Knuckle - Assembly - Left (inc. 18-19)
5	<u>0403-178</u>	2	Spring, Shock Absorber - Platinum	18	1402-027	2	ø Bearing, Wheel Hub
	<u>0403-177</u>	2	Spring, Shock Absorber - Black (Green)	19	0423-423	2	ø Ring, Retaining
6	1603-889	2	Retainer, Spring	20	8409-030	4	Screw, Cap
7	8409-040	4	Screw, Cap	21	0423-334	2	Screw, Cap
8	8428-002	10	Nut, Lock	22	8409-075	4	Screw, Cap
9	0503-272	1	A-Arm, Upper Right - Platinum (inc. 10-13)	23	0502-812	1	Axle, Drive - Front - Right (inc. 24-25)
	0503-273	1	A-Arm, Upper Left - Platinum (inc. 10-13)		0502-813	1	Axle, Drive - Front - Left (inc. 24-25)
	0503-196	1	A-Arm, Upper Right - Black (inc. 10-13) (Green)	24	1441-109	2	ø Clip, Retaining
	0503-197	1	A-Arm, Upper Left - Black (inc. 10-13) (Green)	25	0436-276	2	ø Repair Kit, Boot - Front Axle
10	0403-081	4	ø Bushing	26	0441-752	1	Guard, Boot - Axle - Right
11	0403-080	2	ø Collar		0441-753	1	Guard, Boot - Axle - Left
12	0423-009	4	ø Clip, Ball Joint		1441-002	1	Guard, Boot - Axle - Right (Green)
13	0405-115	4	ø Ball Joint - Front		1441-003	1	Guard, Boot - Axle - Left (Green)
14	<u>0503-342</u>	1	A-Arm, Lower Right - Platinum (inc. 12-13 and 15-16)		0441-756	1	Guard, Boot - Axle - Right (Cat Green)
	<u>0503-343</u>	1	A-Arm, Lower Left - Platinum (inc. 12-13 and 15-16)		0441-757	1	Guard, Boot - Axle - Left (Cat Green)
	<u>0503-334</u>	1	A-Arm, Lower Right - Black (inc. 12-13 and 15-16) (Green)	27	0423-545	4	Screw, Body
	<u>0503-335</u>	1	A-Arm, Lower Left - Black (inc. 12-13 and 15-16) (Green)				



REAR SUSPENSION ASSEMBLY

0741-439

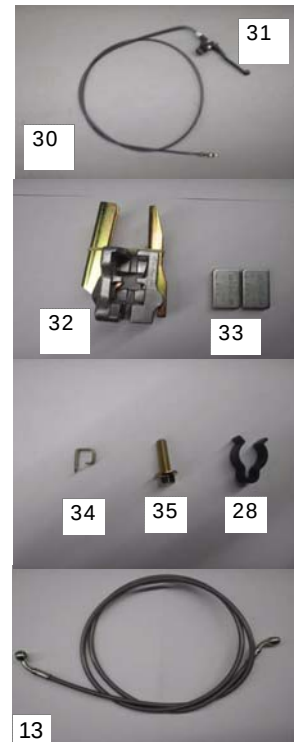
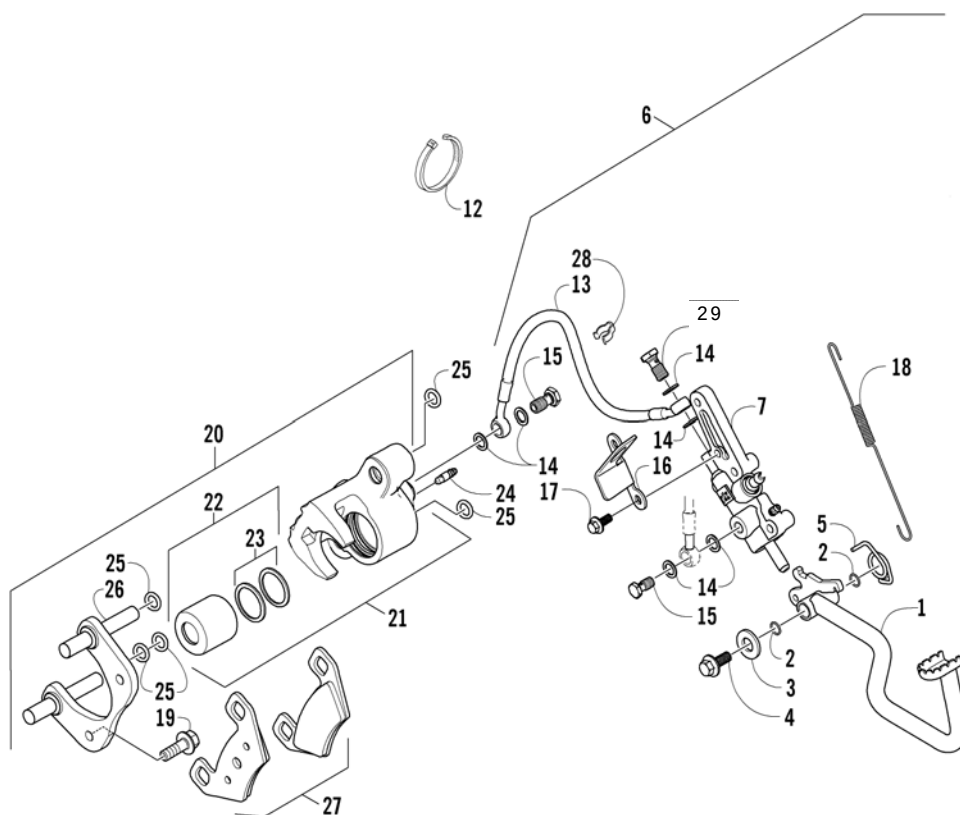
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-374	1	Knuckle, Right Rear - Assembly (inc. 2-5)	12	0441-754	1	Guard, Boot - Right
	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-5)		0441-755	1	Guard, Boot - Left
2	1402-027	2	ø Bearing, Wheel Hub		1441-004	1	Guard, Boot - Right (Green)
3	0423-423	2	ø Ring, Retaining		1441-005	1	Guard, Boot - Left (Green)
4	0403-038	4	ø Collar, Suspension Bushing		0441-758	1	Guard, Boot - Right (Cat Green)
5	0403-032	8	ø Bushing, Suspension		0441-759	1	Guard, Boot - Left (Cat Green)
6	<u>0504-440</u>	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)	13	0423-545	4	Screw, Body
	<u>0504-441</u>	1	A-Arm, Rear - Lower Left - Platinum (inc. 7-8)	14	8409-075	8	Screw, Cap
	<u>0504-438</u>	1	A-Arm, Rear - Lower Right - Black (inc. 7-8) (Green)	15	0502-811	2	Axle, Drive (inc. 16-17)
	<u>0504-439</u>	1	A-Arm, Rear - Lower Left - Black (inc. 7-8) (Green)	16	0441-893	2	ø Clip, Retaining
7	0403-115	16	ø Bushing	17	0436-276	2	ø Repair Kit, Boot - Rear Axle
8	0403-114	8	ø Collar	18	0441-587	1	Wrench, Spanner
9	8428-002	14	Nut, Lock	19	1603-889	2	Retainer, Spring
10	8409-000	4	Screw, Cap	20	0404-113	2	Spring, Suspension - Platinum
11	<u>0504-476</u>	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	21	0404-112	2	Spring, Suspension - Black (Green)
	<u>0504-477</u>	1	A-Arm, Rear - Upper Left - Platinum (inc. 7-8)		0404-057	2	Cam, Spring Adjuster
	<u>0504-470</u>	1	A-Arm, Rear - Upper Right - Black (inc. 7-8) (Green)	22	<u>0404-150</u>	2	Shock Absorber - Rear (inc. 23-25)
	<u>0504-471</u>	1	A-Arm, Rear - Upper Left - Black (inc. 7-8) (Green)	23	<u>0403-182</u>	2	ø Bushing, Double-Bonded
				24	0603-955	4	ø Bushing, Shock Absorber
				25	1603-219	2	ø Sleeve, Shock Absorber
				26	0423-087	2	Washer
				27	8408-820	2	Screw, Cap
				28	8409-040	1	Screw, Cap - Right
					8409-050	1	Screw, Cap - Left
				29	0123-788	2	Cable Tie



WHEEL AND TIRE ASSEMBLY

0741-559

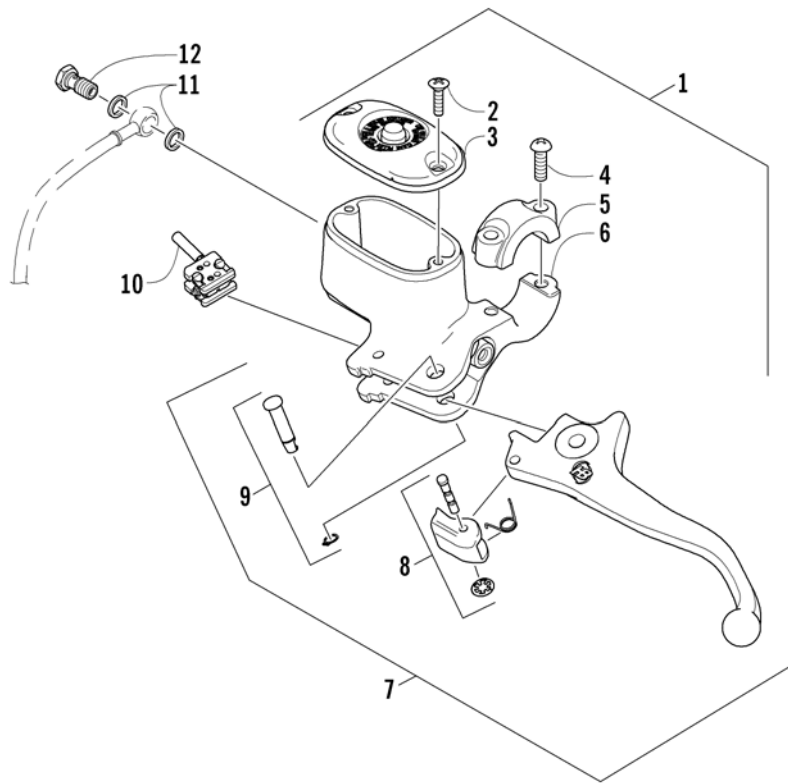
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	11	0402-064	4	Stem, Valve (inc. 12)
2	1402-225	3	Disc, Brake	12	0402-140	4	Cap, Valve Stem
3	0502-599	2	Hub, Wheel - Front (inc. 4)	13	0502-464	1	Wheel, Gray RH 25x8-12
4	0402-974	16	Stud, Wheel Hub	14	0502-465	1	Wheel, Gray LH 25x8-12
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)	15	0502-505	1	Wheel, Gray RH 25x11-12
	0502-599	1	Hub, Wheel - Rear - Right (inc. 4)	16	0502-506	1	Wheel, Gray LH 25x11-12
6	0423-607	4	Nut, Castle Flange	17	AC007-203	2	Wheel Assy. Onroad Front (inc. 20, 22, 23)
7	0423-407	4	Pin, Cotter	18	AC007-216	2	Wheel Assy. Onroad Rear (inc. 21-23)
8	1402-127	2	Wheel - Front - Platinum	19	AC007-217	16	Nut, Aluminium Rim Silver
	1402-115	2	Wheel - Rear - Platinum	20	AC007-202	1	Road Tire 185/65-15
	0402-856	2	Wheel - Front - Gray (Green)	21	AC007-215	1	Road Tire 205/60-15
	0402-858	2	Wheel - Rear - Gray (Green)	22	AC007-209	1	Valve Wheel, Road Tire
9	0423-408	16	Nut, Mounting - Wheel	23	AC007-221	1	Aluminium Rim Silver
10	1402-100	2	Tire - Front				
	1402-137	2	Tire - Rear				



AUXILIARY BRAKE ASSEMBLY

*not a service part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1502-063</u>	1	Lever, Brake	20	0502-878	1	Caliper, Brake (inc. 21-27)
2	1602-213	2	O-Ring	21	0502-603	1	ø Housing, Caliper - Assembly - Right Rear (inc. 22-24)
3	8050-252	1	Washer	22	0502-606	1	ø ø Piston/Seal Set (inc. 23)
4	8408-816	1	Screw, Cap	23	0502-607	1	ø ø ø Seal Set
5	0502-807	1	Spring, Brake Lever	24	0502-609	1	ø ø Valve, Bleed
6	<u>1502-147</u>	1	Rear Master Cylinder	25	0502-608	1	ø O-Ring, Guide - Set
7	*	1	ø Master Cylinder	26	0502-605	1	ø Bracket Assembly
8	<u>1502-142</u>	1	ø Hose, Brake Reservoir	27	0502-875	1	ø Pad, Brake - Set
9	<u>1502-141</u>	1	ø Reservoir, Brake	28	<u>1502-115</u>	2	Clip, Brake Hose
10	<u>0623-038</u>	1	Nut, Flanged	29	<u>0423-610</u>	1	Bolt, Double Banjo Fitting
11	<u>8476-616</u>	1	Screw, Machine	30	<u>0487-054</u>	1	Cable, Park Brake-50
12	0123-788	1	Cable Tie - 7.5 in.	31	<u>1502-265</u>	1	Lever-Cable-Park Brake-50"-Assy (inc. 30)
13	<u>1402-593</u>	1	Hose, Brake-MC/CALIPER (50" WB)	32	<u>1502-176</u>	1	Caliper, Brake-Mechanical
14	0423-178	10	Washer, Crush	33	<u>AC002-005</u>	2	Pad Brake-Mech Park
15	0423-413	2	Bolt, Banjo-Fitting	34	<u>0402-379</u>	1	Wire Form, Cable
16	0502-840	1	Bracket, Switch	35	<u>8408-825</u>	2	Screw, Cap-HFH M8X1.25X25 CL8.8 Z&Y
17	8408-625	2	Screw, Cap				
18	0502-785	1	Spring, Brake Switch				
19	8408-820	2	Screw, Cap				



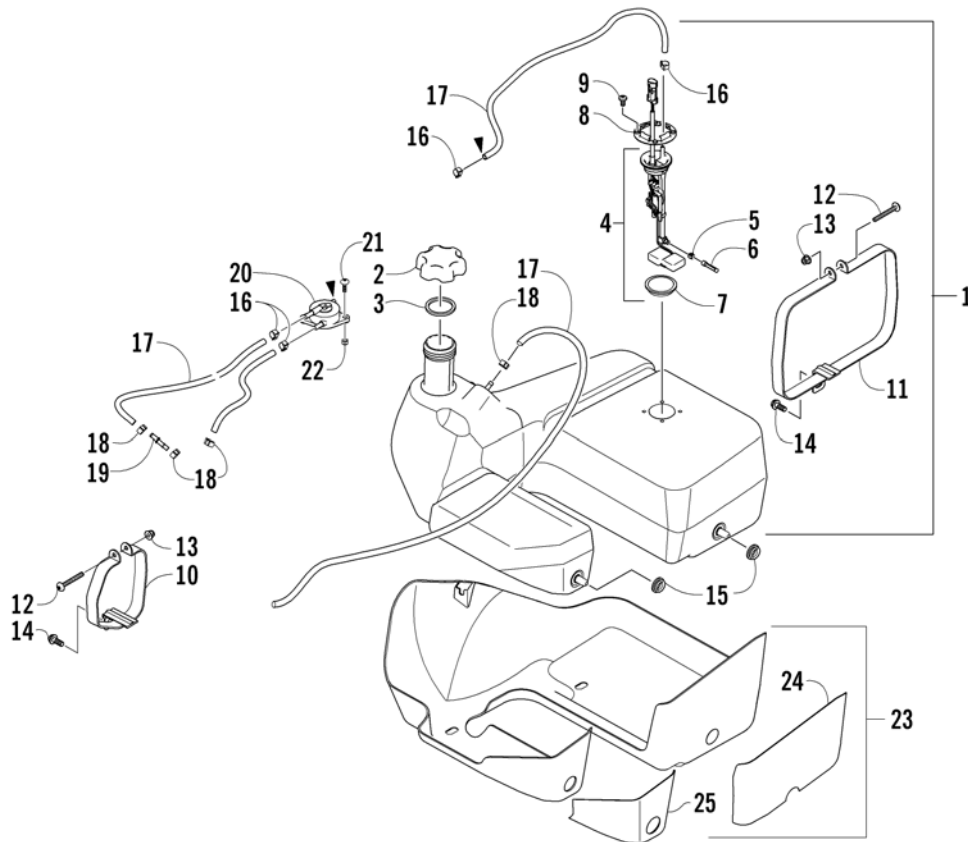
HYDRAULIC HAND BRAKE ASSEMBLY

0741-458

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



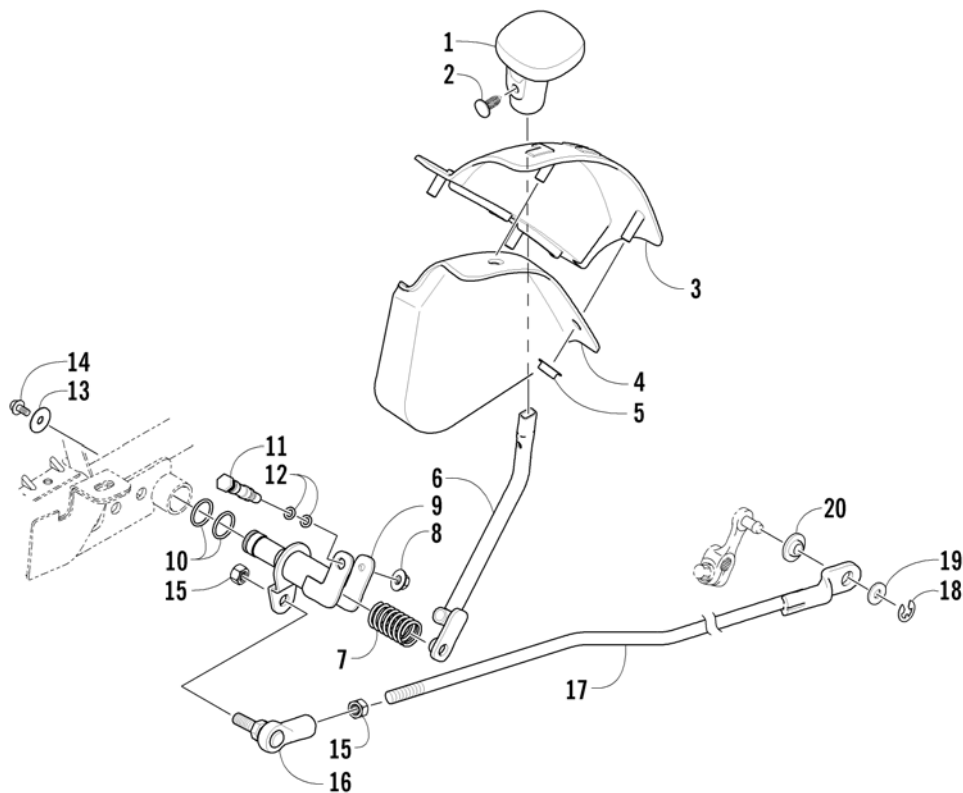
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-015	1	Hose, Brake Assembly	7	0502-607	2	ø ø ø Seal Set
2	8476-625	1	Screw, Cap	8	0502-609	2	ø ø Valve, Bleed
3	8408-820	4	Screw, Cap	9	0502-608	2	ø O-Ring, Guide - Set
4	0502-878	1	Caliper, Brake - Right Front (inc. 5-11)	10	0502-605	2	ø Bracket Assembly
	0502-879	1	Caliper, Brake - Left Front (inc. 5-11)	11	0502-875	2	ø Pad, Brake - Set
5	0502-603	1	ø Housing, Caliper - Assembly - Right Front (inc. 6-8)	12	0423-178	4	Washer, Crush
	0502-611	1	ø Housing, Caliper - Assembly - Left Front (inc. 6-8)	13	0423-413	2	Bolt, Banjo-Fitting
				14	1502-148	1	Hose, Brake Assembly
6	0502-606	2	ø ø Piston/Seal Set (inc. 7)	15	1402-592	1	Hose, Brake



GAS TANK ASSEMBLY

0741-449

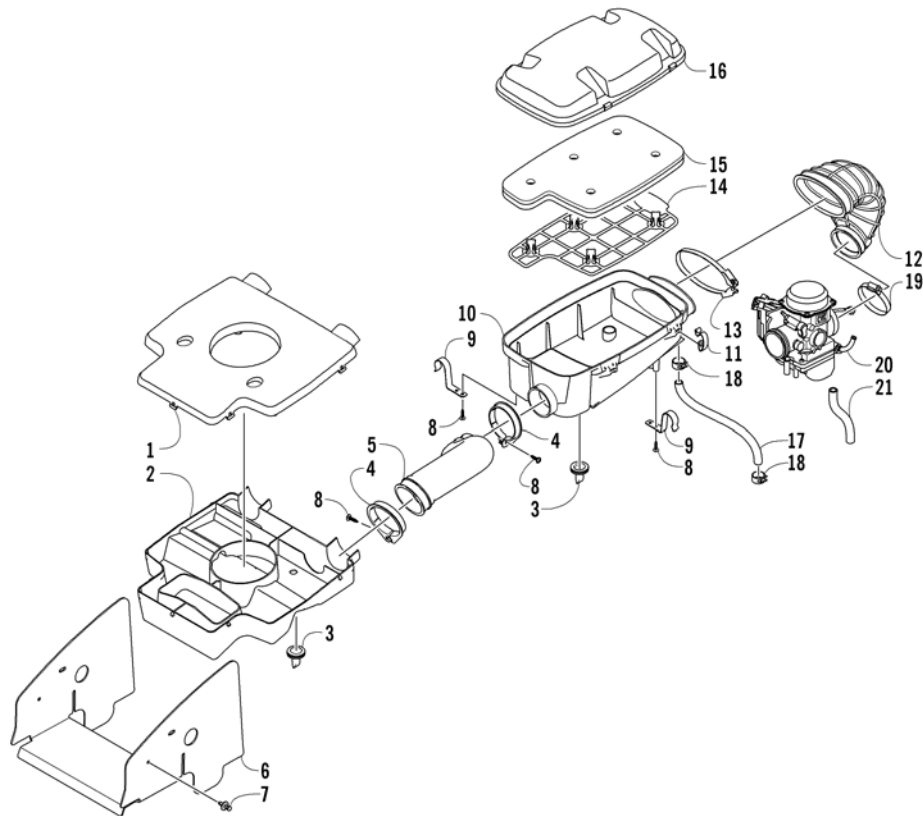
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-144	1	Tank, Gas - Assembly w/Straps (inc. 2-13)	14	8408-816	2	Screw, Cap
2	0470-438	1	ø Cap, Gas Tank (inc. 3)	15	0423-460	2	Grommet
3	0109-733	1	ø ø Gasket, Gas Tank Cap	16	0423-688	4	Clamp, Hose
4	0570-141	1	ø Sensor, Fuel Level (inc. 5-7)	17	0410-070	AR	Hose, Gasline - 25 ft
5	0423-603	1	ø ø Clamp, Hose	18	0423-670	4	Clamp, Hose
6	0470-475	1	ø ø Filter, Fuel	19	0470-527	1	Fitting, Straight
7	0470-521	1	ø ø Seal, Fuel Level Sensor	20	0470-519	1	Pump, Fuel
8	0470-639	1	ø Plate, Mounting - Fuel Level Sensor	21	8476-620	2	Screw, Machine
9	1623-158	4	ø Screw, Plastite	22	0623-038	2	Nut, Lock
10	<u>0570-166</u>	1	ø Strap, Mounting - Gas Tank	23	0570-081	1	Shield, Gas Tank - Assembly (inc. 24-25)
11	<u>0570-167</u>	1	ø Strap, Mounting - Gas Tank	24	0470-498	1	ø Shield, Heat
12	8476-650	2	ø Screw, Machine	25	0470-499	1	ø Shield, Heat
13	8427-602	2	ø Nut, Lock				



REVERSE SHIFT LEVER ASSEMBLY

0741-752

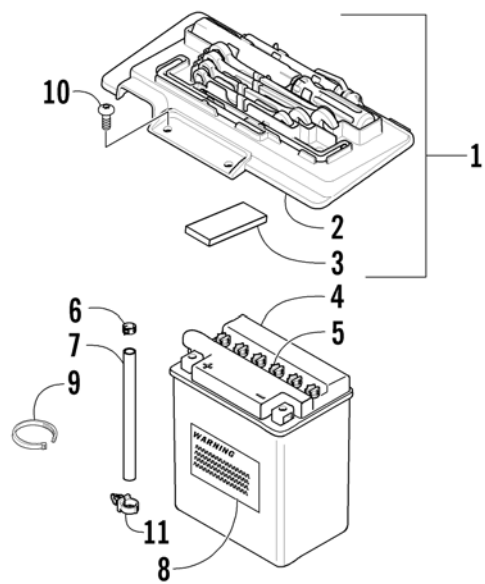
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Reverse Shift Lever	11	0402-675	1	Axle, Pivot
2	0423-345	1	Clip, Push	12	0423-182	2	O-Ring
3	<u>1402-576</u>	1	Plate, Shift	13	0423-087	1	Washer
4	<u>2406-345</u>	1	Shield, Shift Gate	14	8408-812	1	Screw, Cap
5	0423-357	4	Nut, Stamped	15	0623-294	2	Nut
6	0502-659	1	Lever, Reverse Shift	16	1402-270	1	End, Rod
7	0502-410	1	Spring, Reverse Shift Lever	17	0502-989	1	Linkage, Shift
8	8424-602	1	Nut	18	0423-169	1	E-Ring
9	0502-742	1	Axle, Reverse Shift Lever	19	8050-242	1	Washer
10	0423-299	2	O-Ring	20	0423-091	1	Bushing, Shift Linkage



AIR INTAKE ASSEMBLY

0740-791

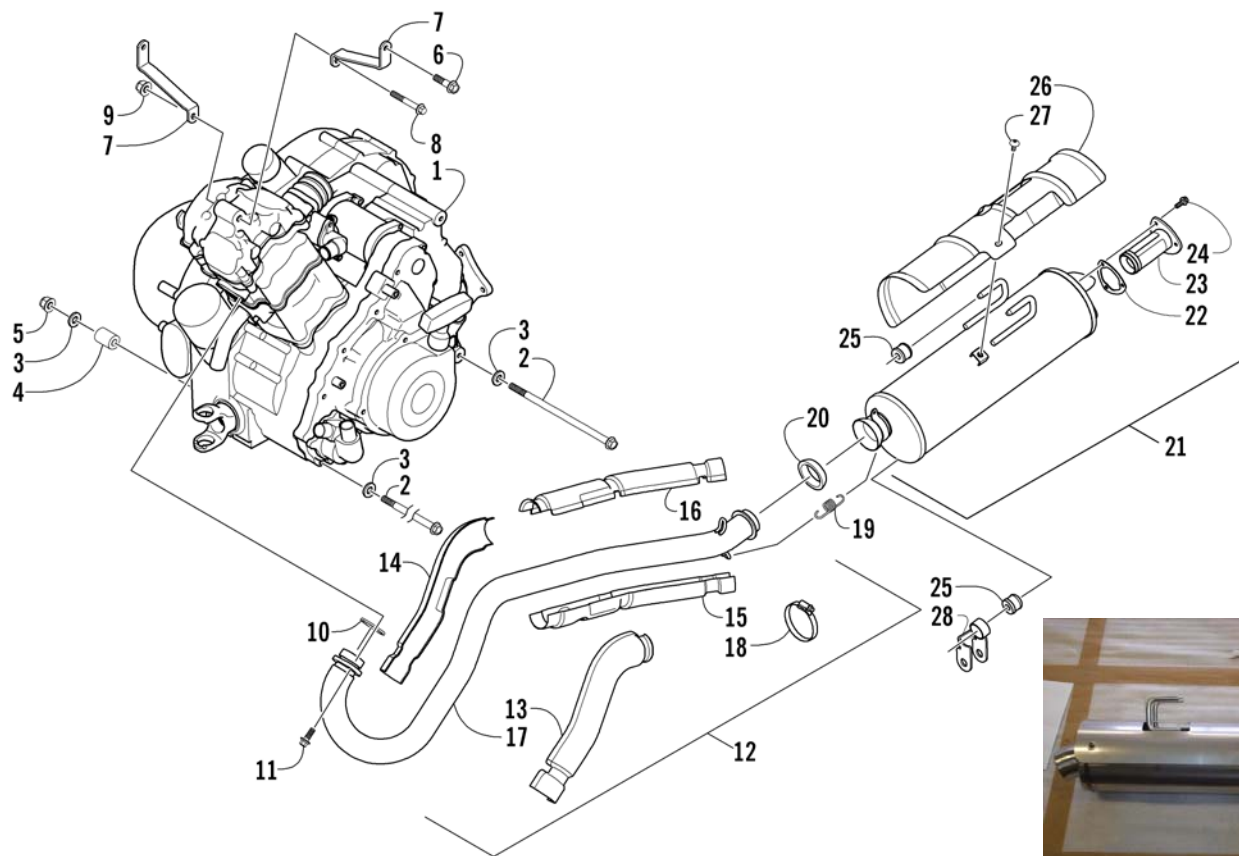
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-091	1	Diverter, Air - Top	12	0470-525	1	Boot, Carburetor
2	0413-093	1	Diverter, Air - Bottom	13	0423-554	1	Clamp, Boot
3	0470-442	2	Valve, Drain	14	0470-516	1	Screen, Air Filter
4	0423-551	2	Clamp, Boot	15	0470-663	1	Filter, Air
5	0470-529	1	Boot, Air Intake	16	0470-554	1	Cover, Air Intake
6	1406-747	1	Shroud, Splash	17	0410-079	1	Hose, Vent - Crankcase
7	0623-362	2	Rivet, Reinstallable	18	0423-045	2	Clamp, Hose
8	0423-342	6	Screw, Self-Tapping	19	0423-019	1	Clamp, Boot
9	0423-454	2	Clip, Mounting - Air Intake	20	0470-533	1	Carburetor, CVK36-AE
10	0470-515	1	Housing, Air Intake	21	0510-592	1	Hose, Carburetor Drain
11	0423-455	4	Clip, Spring				



BATTERY ASSEMBLY

0740-445 *Not Illustrated

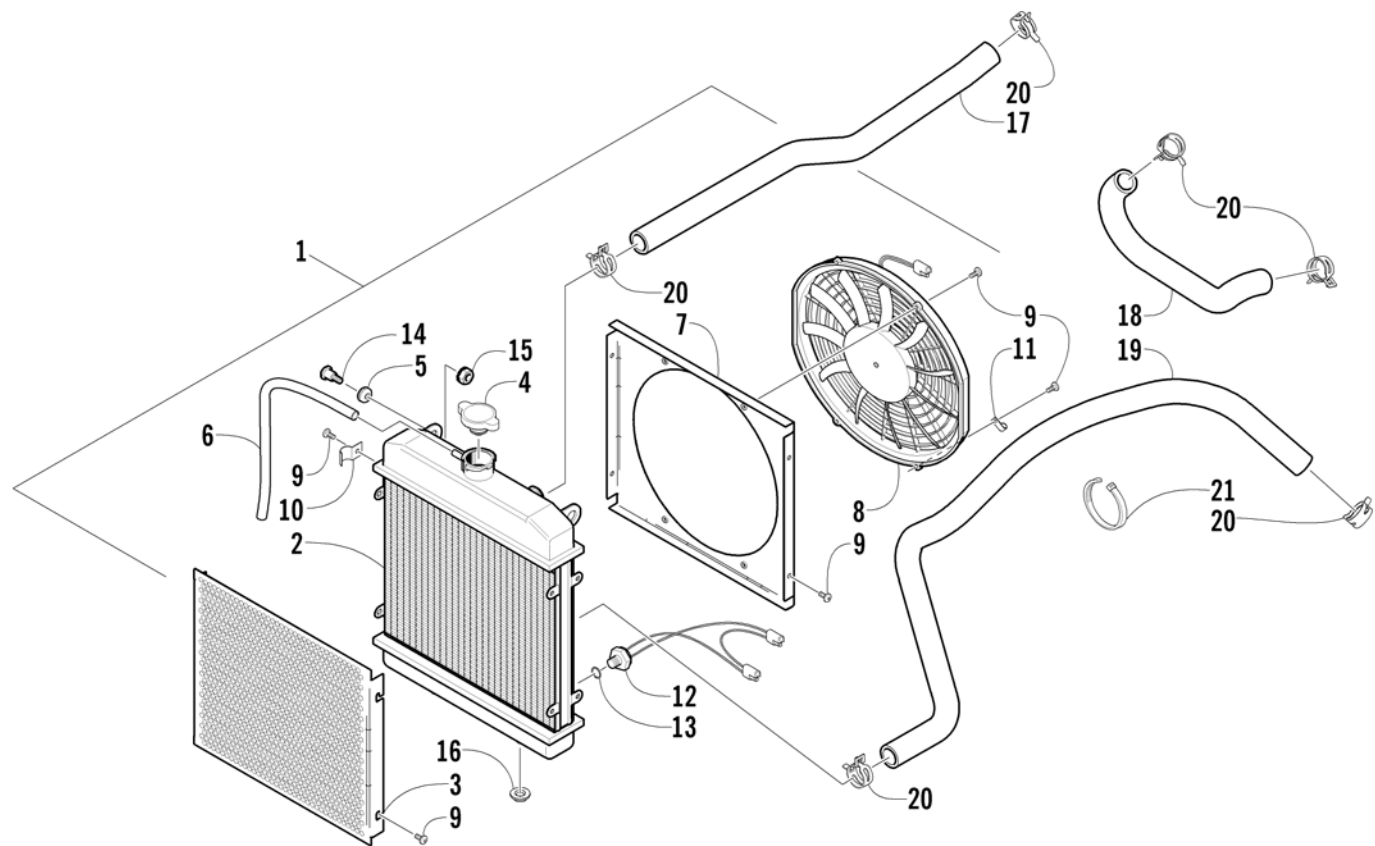
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5990-839	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	7	0645-263	1	ø Hose, Battery Vent
2	1406-507	1	ø Cover, Battery	8	0645-151	1	ø Label, Warning - Battery
3	0406-288	2	ø Pad, Battery	9	0123-903	4	Cable Tie - 11.5 in.
*	0444-122	1	ø Kit, Tool	10	8476-616	2	Screw, Machine
4	0745-045	1	Battery Assembly (inc. 5-8)	11	0623-101	1	Routing Clip, Snap-In
5	0645-045	6	ø Cap, Battery	12	AC003-005	1	Battery
6	0645-152	1	ø Clamp, Hose				



ENGINE AND EXHAUST

0741-569

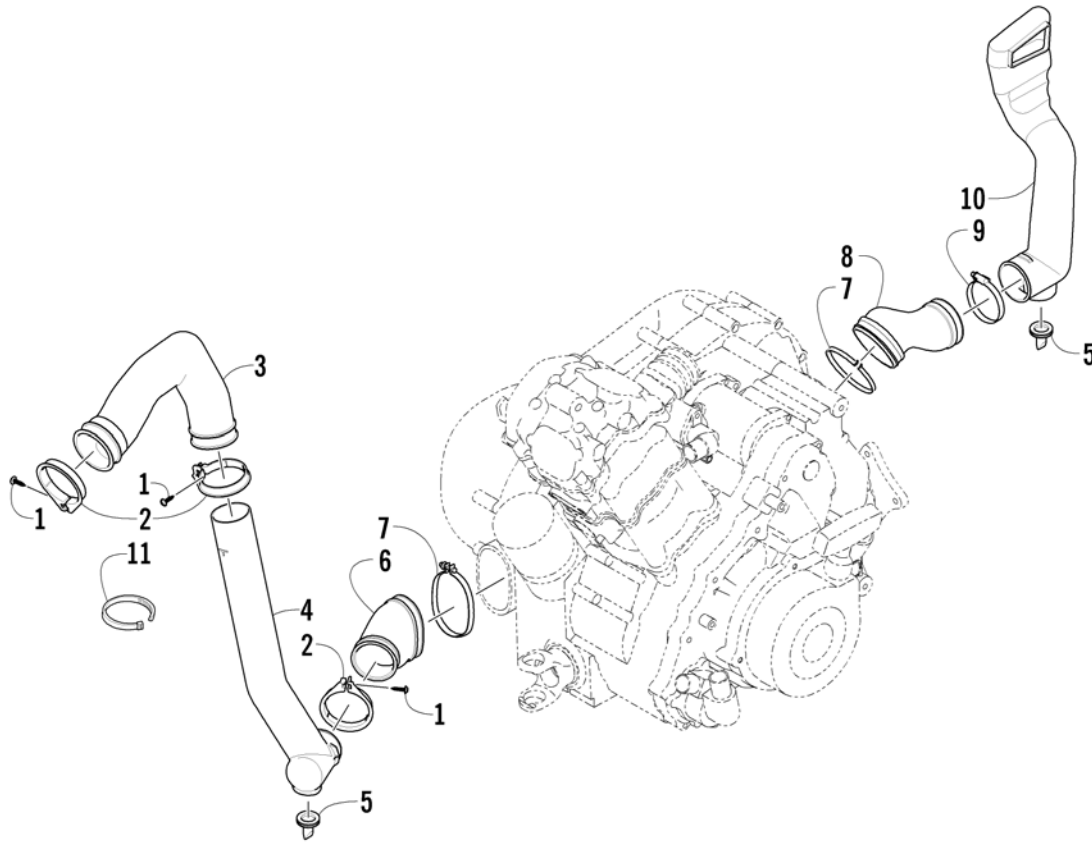
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0462-029	1	Engine	15	0412-339	1	ø Shield, Exhaust Pipe
2	0423-405	2	Screw, Cap	16	0412-350	1	ø Shield, Exhaust Pipe
3	0423-426	4	Washer, Engine	17	0512-336	1	ø Pipe, Exhaust
4	0423-042	2	Spacer, Engine	18	0423-317	4	ø Hose Clamp
5	8428-002	2	Nut, Lock	19	0612-668	2	Spring, Extension
6	8408-816	2	Screw, Cap	20	0412-375	1	Seal, Exhaust
7	1506-632	1	Bracket, Engine - Right	21	0512-306	±	Muffler Assembly (inc. 22-24)
	1506-633	1	Bracket, Engine - Left	22	0412-313	±	ø Gasket, Spark Arrester
8	8408-860	1	Screw, Cap	23	0512-219	±	ø Spark Arrester Assembly
9	8424-802	1	Nut	24	8408-616	±	ø Screw, Cap
10	0412-007	1	Seal, Exhaust	25	0412-215	3	Bushing, Exhaust Pipe
11	8408-820	2	Screw, Cap	26	0412-373	±	Cover, Muffler
12	0512-337	1	Pipe, Exhaust - Assembly (inc. 13-18)	27	8477-610	±	Screw, Machine
13	0412-349	1	ø Shield, Exhaust Pipe	28	1506-732	1	Channel, Muffler Support
14	0412-348	1	ø Shield, Exhaust Pipe	29	AC004-707	1	Exhaust Model 2006



COOLING ASSEMBLY

0740-446

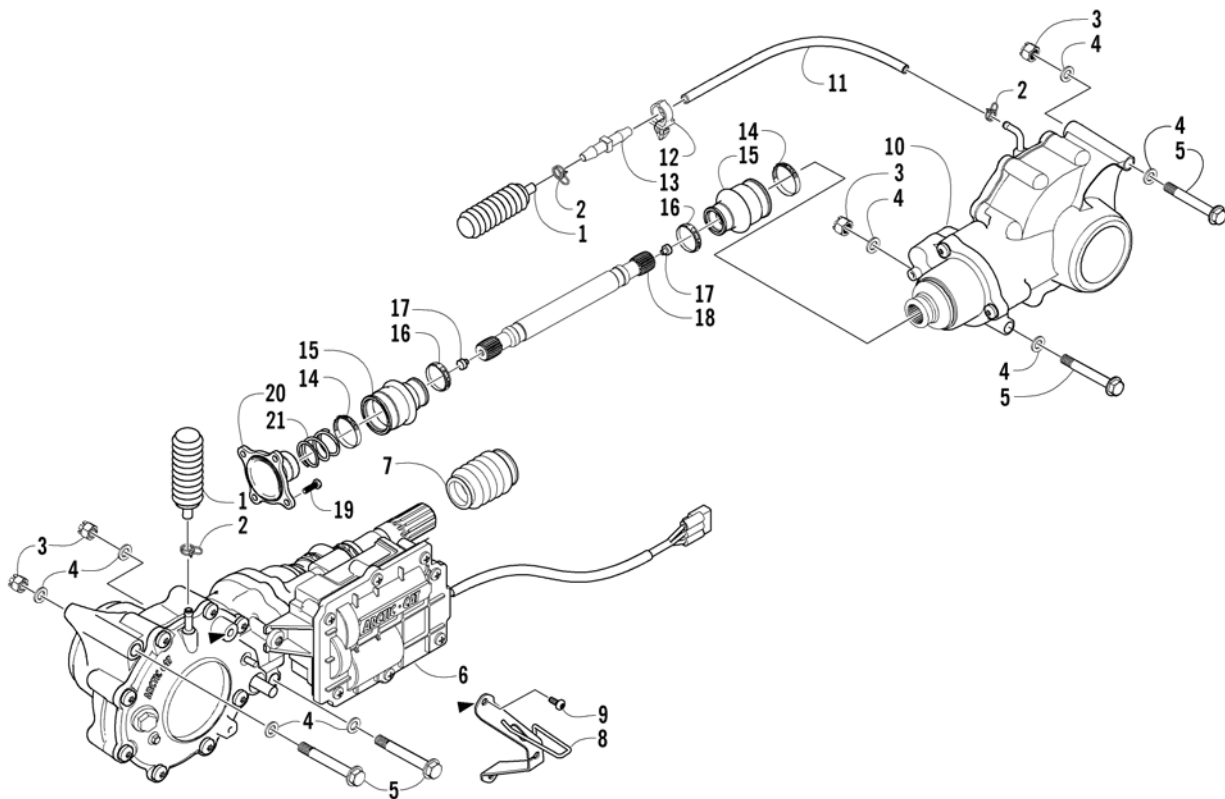
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-117	1	Radiator Assembly (inc. 2-13)	12	0413-045	1	ø Sender, Temperature - Coolant
2	0413-043	1	ø Radiator	13	0423-390	1	ø O-Ring
3	0413-007	1	ø Screen, Radiator	14	0423-484	2	Screw, Shoulder
4	0413-002	1	ø Cap, Radiator	15	0623-038	2	Nut w/Washer
5	0423-030	2	ø Grommet	16	0423-028	2	Bushing, Stem
6	0610-016	AR	ø Hose - 25 ft	17	0410-002	1	Hose, Coolant - Upper
7	0413-046	1	ø Shroud, Fan	18	0410-022	1	Hose, Coolant - Crossover
8	0413-123	1	ø Fan, Cooling	19	0410-041	1	Hose, Coolant - Lower
9	8475-512	12	ø Screw, Machine	20	0423-496	6	Clamp, Hose
10	0423-351	1	ø Clamp, Wire	21	0623-751	1	Cable Tie
11	0123-397	1	ø Clamp, Cable				



CASE/BELT COOLING ASSEMBLY

0740-453

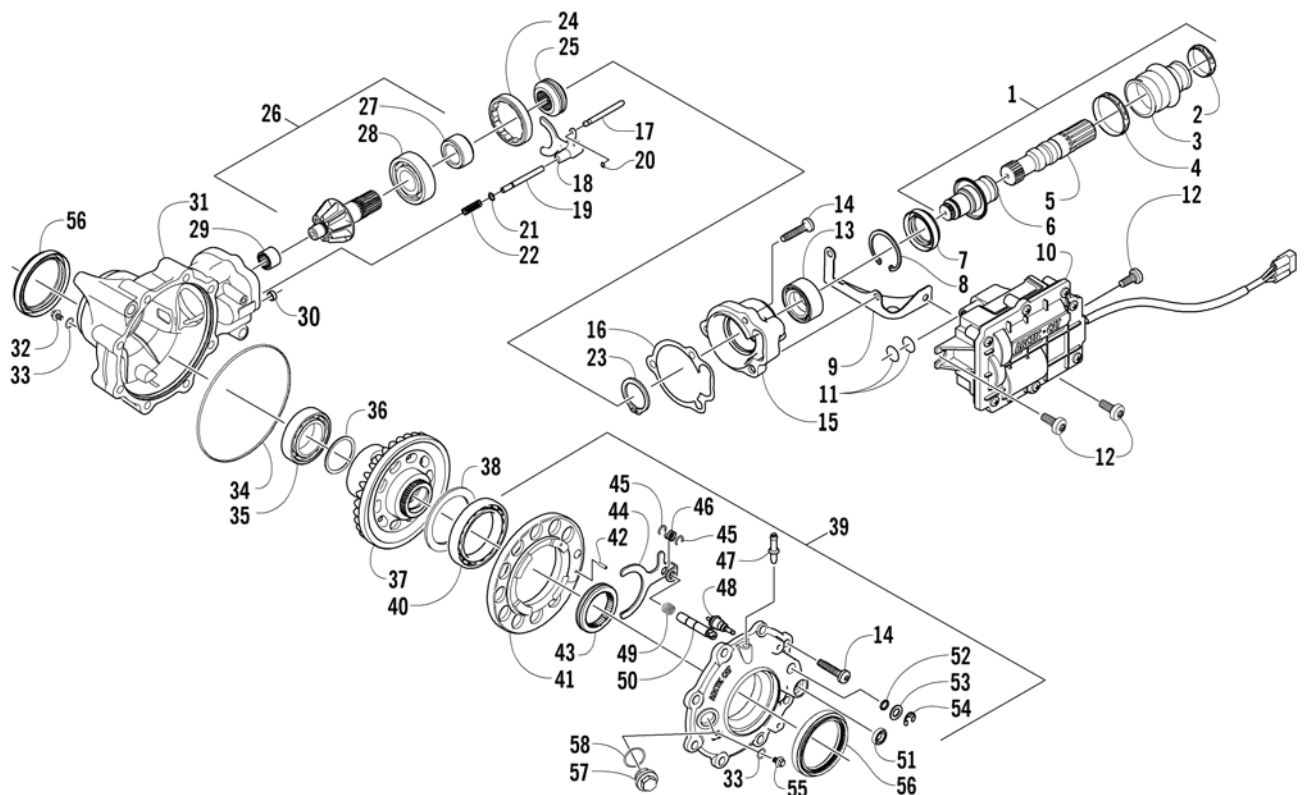
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-342	3	Screw, Self-Tapping	7	3402-449	2	Clamp, Boot
2	0423-551	3	Clamp, Boot	8	0413-055	1	Boot, Duct - Rear
3	0413-092	1	Boot, Air-In	9	0423-380	1	Clamp, Duct
4	0513-010	1	Duct, Belt Cooling - Front	10	0413-094	1	Duct, Belt Cooling - Rear
5	0470-442	2	Valve, Drain	11	0123-903	1	Cable Tie - 11.5 in.
6	0413-113	1	Boot, Duct - Front				



DRIVE TRAIN ASSEMBLY

0740-751

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-147	2	Bladder, Gearcase	12	0623-101	1	Clip, Routing - Snap-In
2	0423-315	4	Clamp, Fitting	13	0470-462	1	Fitting, Vent
3	8428-002	4	Nut, Lock	14	0423-393	2	Clamp, Boot
4	0423-426	10	Washer	15	0402-985	2	Boot
5	0423-404	4	Screw, Cap	16	0423-411	2	Clamp, Boot
6	1502-093	1	Gearcase, Front	17	0673-618	2	Bumper, Propeller Shaft
7	0402-966	1	Boot, Shaft	18	1402-233	1	Shaft, Propeller
8	0502-500	1	Plate, Cable	19	8408-820	4	Screw, Cap
9	0423-396	2	Screw, Self-Tapping	20	0402-950	1	Flange, Output
10	1502-079	1	Gearcase, Rear	21	1402-026	1	Spring
11	0410-048	AR	Hose, Vent				

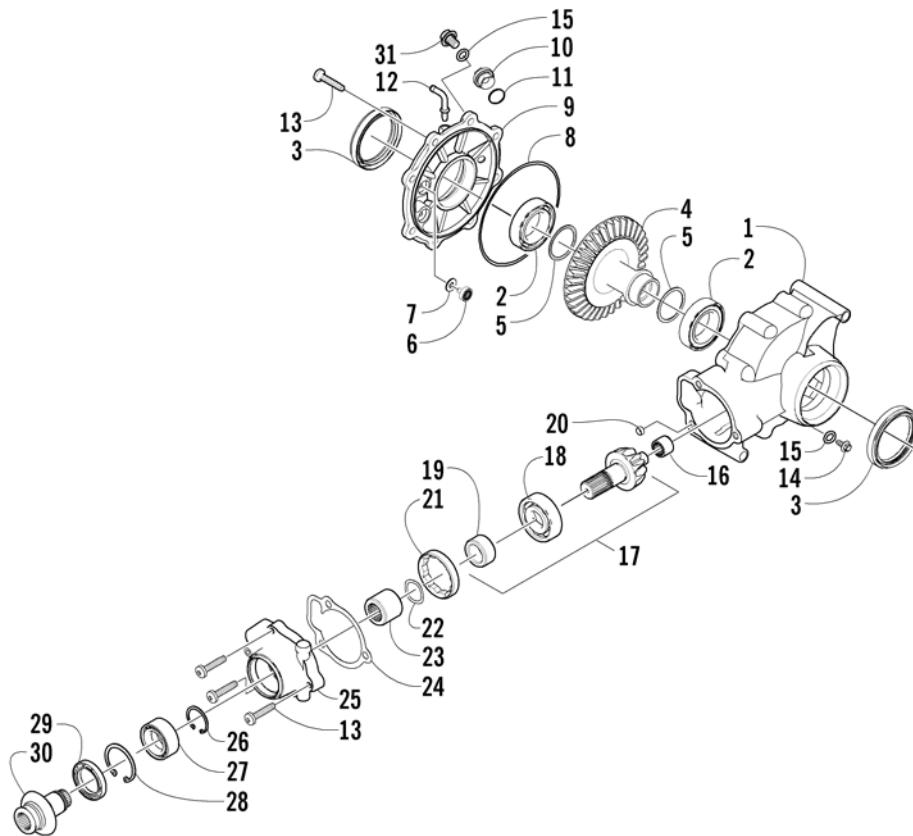


FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-093)

0741-522

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-093	1	Shaft, Propeller Assembly (inc. 2-6)	35	0402-393	1	Bearing
2	0423-411	1	ø Clamp, Boot	36	0402-405	AR	Shim
3	0402-985	1	ø Boot, Propeller Shaft		0402-406	AR	Shim
4	0423-393	1	ø Clamp, Boot		0402-407	AR	Shim
5	1402-045	1	ø Shaft, Output		0402-408	AR	Shim
6	1502-095	1	ø Shaft, Input		0402-409	AR	Shim
7	1402-011	1	Seal	37	0502-851	1	Gear, Ring—36T
8	0423-423	1	Ring, Retaining	38	1402-074	AR	Shim
9	0502-347	1	Bracket, Actuator		1402-075	AR	Shim
10	0502-579	1	Actuator (inc. one No. 11)		1402-076	AR	Shim
11	0423-498	2	ø O-Ring		1402-077	AR	Shim
12	0423-396	3	Screw, Self-Tapping		1402-078	AR	Shim
13	1402-043	1	Bearing	39	1502-097	1	Cover, Gearcase (inc. one No. 33, 40-55, and one No. 56)
14	0423-118	11	Screw, Self-Tapping	40	1402-053	1	ø Bearing
15	0502-528	1	Housing, Pinion	41	0502-413	1	ø Flange, Bearing
16	0402-947	1	Gasket, Flange	42	1402-079	1	ø Pin, Parallel
17	0402-997	1	Shaft, Selector	43	1402-042	1	ø Collar, Sliding
18	0402-998	1	Fork, Selector	44	1402-054	1	ø Fork
19	0402-417	1	Shaft, Shuttle	45	1402-058	2	ø Ring, Retaining
20	0423-402	1	Ring, Retaining	46	1402-057	1	ø Spring
21	0423-147	1	O-Ring	47	1402-104	1	ø Fitting
22	0402-999	1	Spring, Return	48	0402-419	1	ø Switch, Indicator
23	0423-417	1	Ring, Retaining	49	1402-063	1	ø Spring
24	0402-357	1	Collar, Lock	50	1402-055	1	ø Shaft, Lock
25	0402-413	1	Coupler, Drive	51	1402-056	1	ø Seal
26	0502-783	1	Gear, Pinion Assembly—10T (inc. 27-28)	52	0423-133	1	ø O-Ring
27	0402-336	1	ø Collar, Retaining	53	0423-132	1	ø Washer
28	0402-327	1	ø Bearing	54	0423-424	1	ø Ring, Retaining
29	0402-328	1	Bearing	55	1402-211	1	ø Plug, Oil Level (inc. one No. 33)
30	0402-411	1	Pin, Dowel	56	1402-441	2	ø Seal
31	0502-514	1	Housing, Gearcase	57	0402-333	1	Plug, Fill (inc. 58)
32	1402-210	1	Plug, Magnetic (inc. one No. 33)	58	0423-154	1	ø O-Ring
33	0423-153	2	ø O-Ring				
34	0423-149	1	O-Ring				

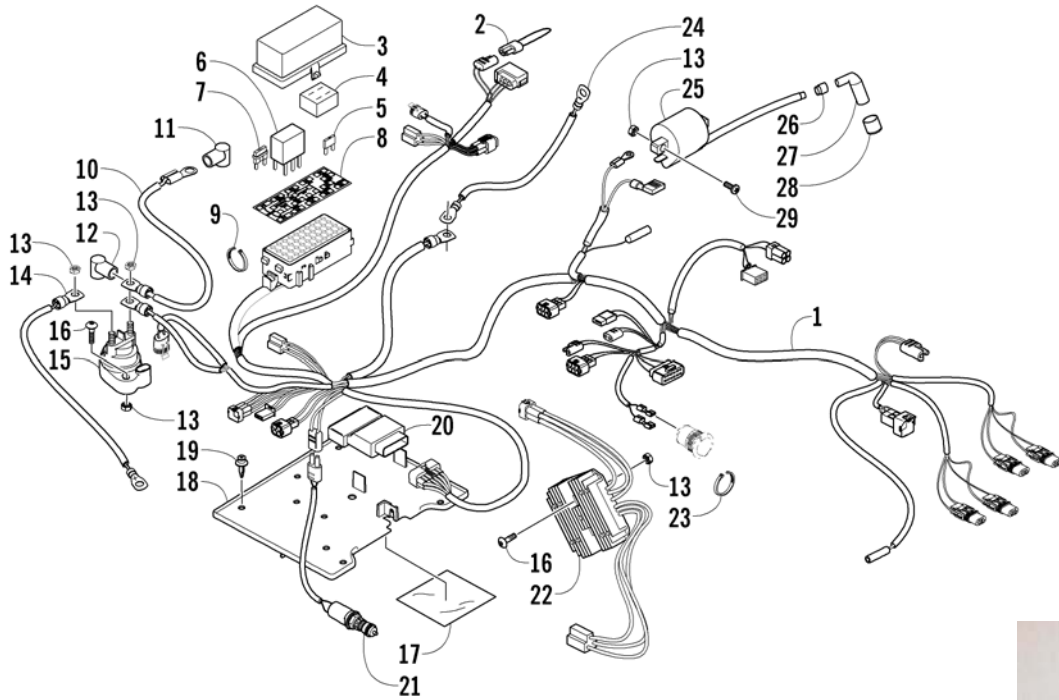


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-079)

0741-524

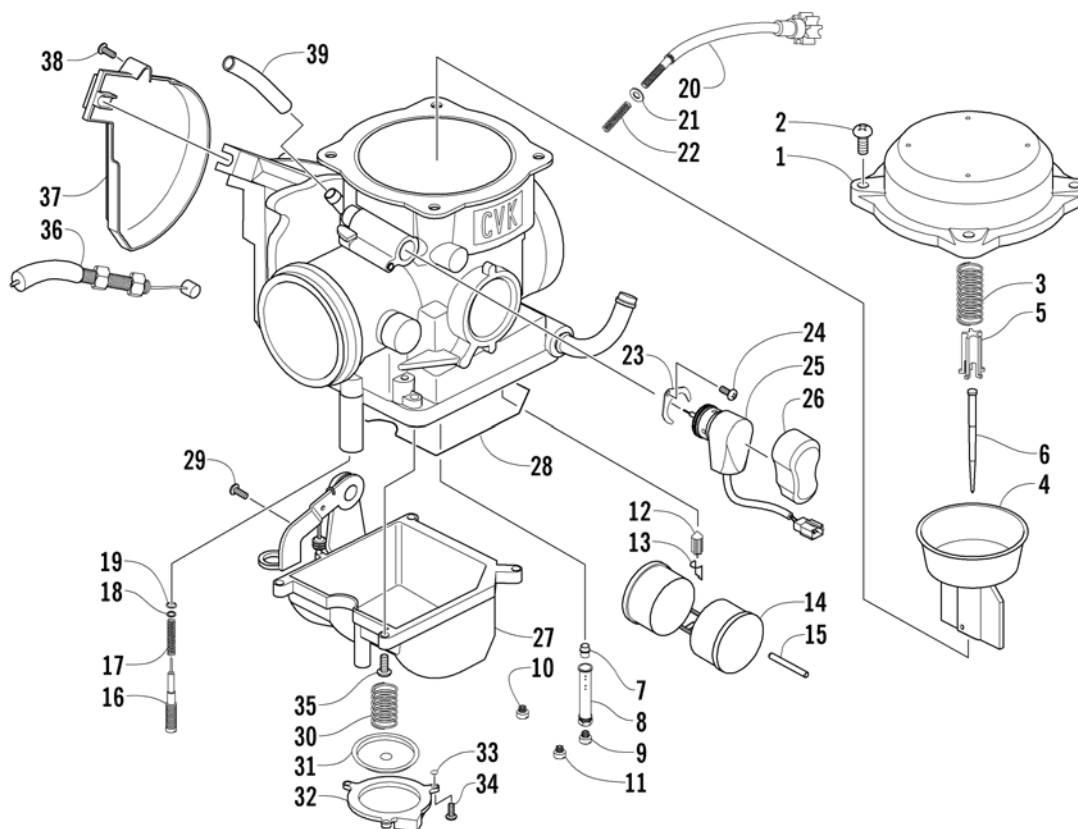
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-622	1	Housing, Gearcase	13	0423-118	11	Screw, Self-Tapping
2	0402-393	2	Bearing	14	0402-450	1	Plug, Magnetic (inc. one No. 15)
3	<u>1402-441</u>	2	Seal	15	0423-153	2	ø O-Ring
4	1402-032	1	Gear, Ring - 36T	16	0402-328	1	Bearing
5	0402-405	AR	Shim	17	0502-783	1	Gear, Pinion - Assembly - 10T (inc. 18-19)
	0402-406	AR	Shim	18	0402-327	1	ø Bearing
	0402-407	AR	Shim	19	0402-336	1	ø Collar, Retaining
	0402-408	AR	Shim	20	0402-411	1	Pin, Dowel
	0402-409	AR	Shim	21	0402-331	1	Collar, Lock
6	0402-326	1	Button, Thrust	22	0402-982	1	Washer, Wave
7	0402-429	AR	Shim	23	0402-981	1	Collar, Shaft
	0402-430	AR	Shim	24	0402-947	1	Gasket, Flange
	0402-431	AR	Shim	25	0502-529	1	Housing, Pinion
	0402-432	AR	Shim	26	0423-417	1	Ring, Retaining
	0402-433	AR	Shim	27	1402-043	1	Bearing
8	0423-149	1	O-Ring	28	0423-423	1	Ring, Retaining
9	<u>1502-082</u>	1	Cover, Gearcase	29	1402-011	1	Seal
10	0402-333	1	Plug, Fill (inc. 11)	30	<u>1502-085</u>	1	Shaft, Input
11	0423-154	1	ø O-Ring	31	1402-211	1	Plug, Oil Level (inc. one No. 15)
12	1402-102	1	Fitting				



WIRING HARNESS ASSEMBLY

0741-326

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-226	1	Harness, Main ECE (inc. 2-8)	15	0445-058	1	Solenoid
2	0486-164	1	ø Tether, Accessory Connector	16	8476-625	4	Screw, Machine
3	0530-008	1	ø Cover, Fuse Block	17	0412-291	1	Shield, Heat
4	0430-037	1	ø Holder, Fuse	18	1406-600	1	Tray, Electrical
5	0430-034	3	ø Diode	19	0623-362	4	Rivet, Reinstallable
6	0430-033	3	ø Relay	20	3530-039	1	CDI Unit
7	0430-032	4	ø Fuse - 10 Amp	21	0409-072	1	Switch, Brake - Assembly
	0430-031	3	ø Fuse - 15 Amp	22	3530-028	1	Regulator, Voltage
	0430-030	2	ø Fuse - 30 Amp	23	0123-903	AR	Cable Tie - 11.5 in.
8	0411-828	1	ø Decal, Fuse Block	24	0445-054	1	Cable, Battery/Ground
9	0123-788	AR	Cable Tie - 7.5 in.	25	3530-027	1	Coil, Ignition - Assembly
10	0445-053	1	Cable, Solenoid/Starter (inc. 11)	26	3430-009	1	Seal, High Tension Wire
11	0645-019	1	ø Boot, Terminal	27	3430-007	1	Cap, Spark Plug
12	0645-327	1	Boot, Terminal	28	3430-008	1	Seal, Spark Plug
13	0623-038	8	Nut w/Washer	29	8476-620	2	Screw, Machine
14	0445-055	1	Cable, Battery/Solenoid	30	0430-049	1	Flasher, Turn Signal

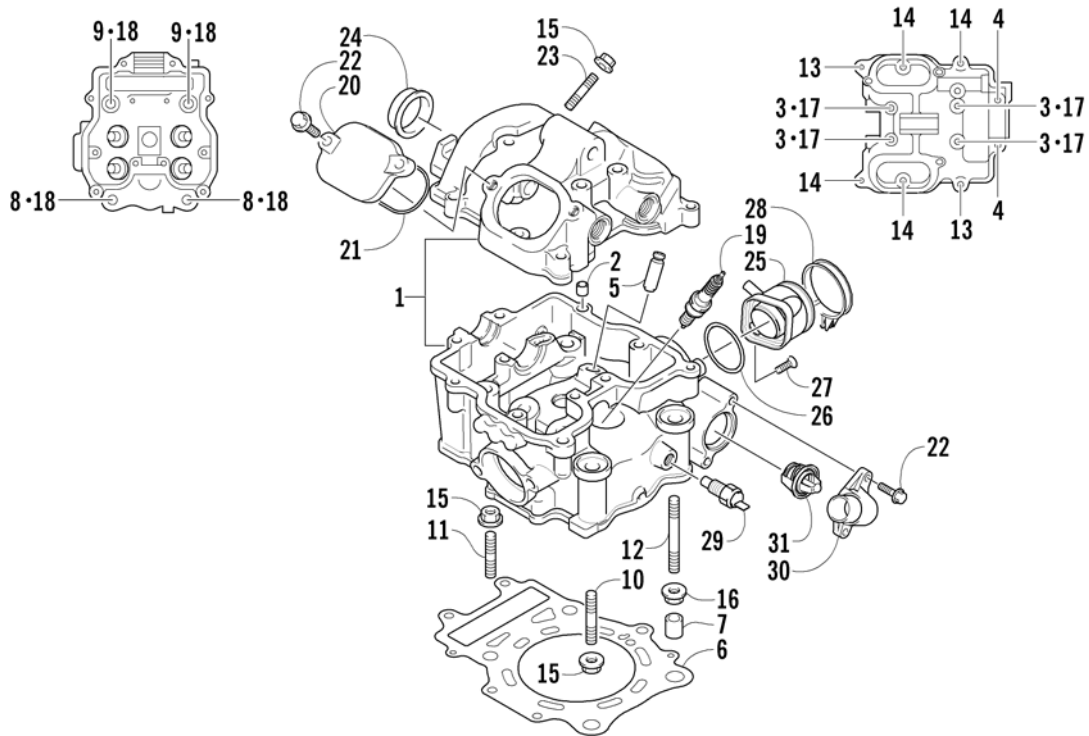


CARBURETOR

CVK36-AE (Complete Assembly p/n 0470-533)

0740-600 *Not a Service Part **Optional

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-001	1	Cover, Top	19	*	1	ø O-Ring
2	5507-002	4	Screw, Top Cover	20	5507-027	1	Screw, Idle Adjust
3	5507-173	1	Spring	21	5507-028	1	Washer
4	5507-099	1	Piston, Vacuum	22	5507-029	1	Spring
5	5507-005	1	Seat, Spring	23	5507-115	1	Plate
6	5507-184	1	Jet Needle	24	5507-117	1	Screw
7	5507-007	1	Needle Jet	25	5507-113	1	Choke, Electric
8	5507-174	1	Holder, Needle Jet	26	5507-114	1	Cover, Electric Choke
9	5507-043	1	Main Jet - 142	27	5507-181	1	Chamber, Float - Assembly (inc. 28-34)
	5507-044	1	Main Jet - 140**	28	5507-067	1	ø O-Ring, Float Chamber
	5507-041	1	Main Jet - 147**	29	5507-050	1	ø Screw, Drain
	5507-086	1	Main Jet - 148**	30	5507-032	1	ø Spring
	5507-009	1	Main Jet - 150**	31	5507-182	1	ø Diaphragm Assembly
10	5507-101	1	Slow Jet	32	*	1	ø Housing, Pump
11	5507-112	1	Starter Jet - 85	33	5507-034	1	ø U-Ring
12	5507-183	1	Valve, Float - Set (inc. 13)	34	5507-035	3	ø Screw
13	*	1	ø Clip	35	5507-017	4	Screw
14	5507-039	1	Float Set (inc. 15)	36	0487-021	1	Cable, Throttle
15	*	1	ø Pin, Float	37	5507-036	1	Cover
16	5507-111	1	Screw, Pilot - Set (inc. 17-19)	38	5507-037	1	Screw
17	*	1	ø Spring	39	0410-056	1	Hose, Vent
18	*	1	ø Washer				

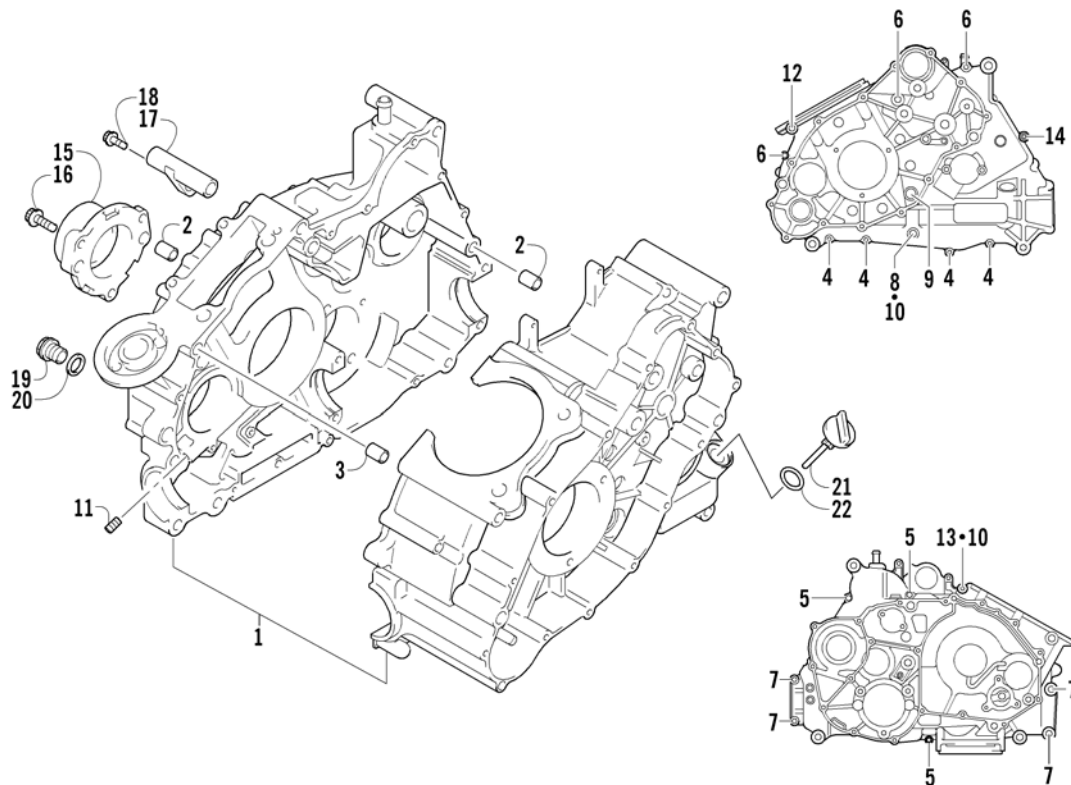


CYLINDER HEAD ASSEMBLY

0741-321 *Not Illustrated

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-098	1	Head, Cylinder - Assembly (inc. 2-5)	17	3003-290	4	Gasket
2	3423-043	2	ø Pin, Dowel	18	3402-010	4	Gasket, Head Nut
3	3423-006	4	ø Screw, Cap	19	0217-632	1	Spark Plug (NGK CR6E)
4	3008-376	2	ø Screw, Cap	20	3402-100	2	Cap, Inspection
5	3402-099	4	ø Guide, Valve	21	3402-101	2	O-Ring
6	3402-362	1	Gasket, Cylinder Head	22	3004-341	5	Screw, Cap
7	3423-088	2	Pin, Dowel	23	3423-383	1	Bolt, Stud
8	3423-015	2	Screw, Cap	24	3402-035	1	Plug, Cylinder Head
9	3423-016	2	Screw, Cap	25	0570-092	1	Manifold, Intake
10	3423-089	2	Bolt, Stud	26	0470-531	1	O-Ring
11	3423-087	2	Bolt, Stud	27	8476-620	2	Screw, Machine
12	3423-203	1	Bolt, Stud	28	0423-317	1	Clamp
13	3423-007	2	Screw, Cap	29	3530-038	1	Switch, Water Temperature - Assembly
14	3004-376	4	Screw, Cap	30	3413-004	1	Cover, Thermostat
15	3004-488	5	Nut	31	3413-012	1	Thermostat
16	3004-326	1	Nut	*	3402-048	1	Plug, Frost

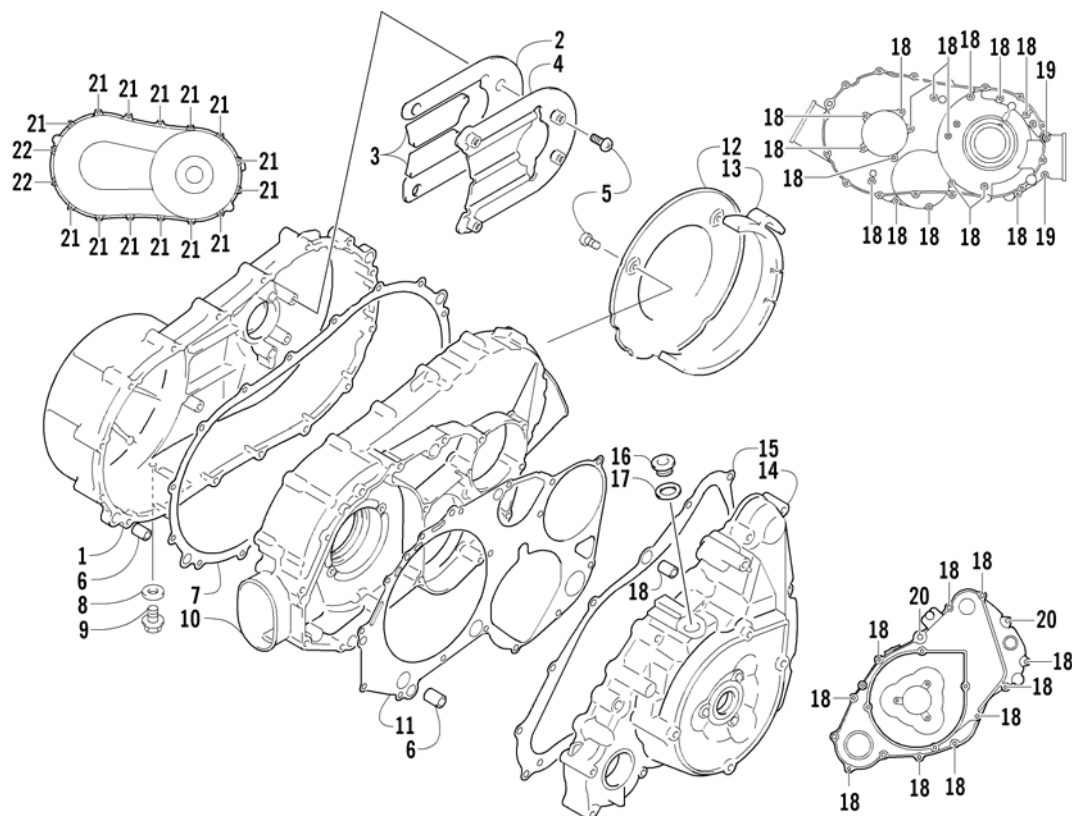
28



CRANKCASE ASSEMBLY

0737-757

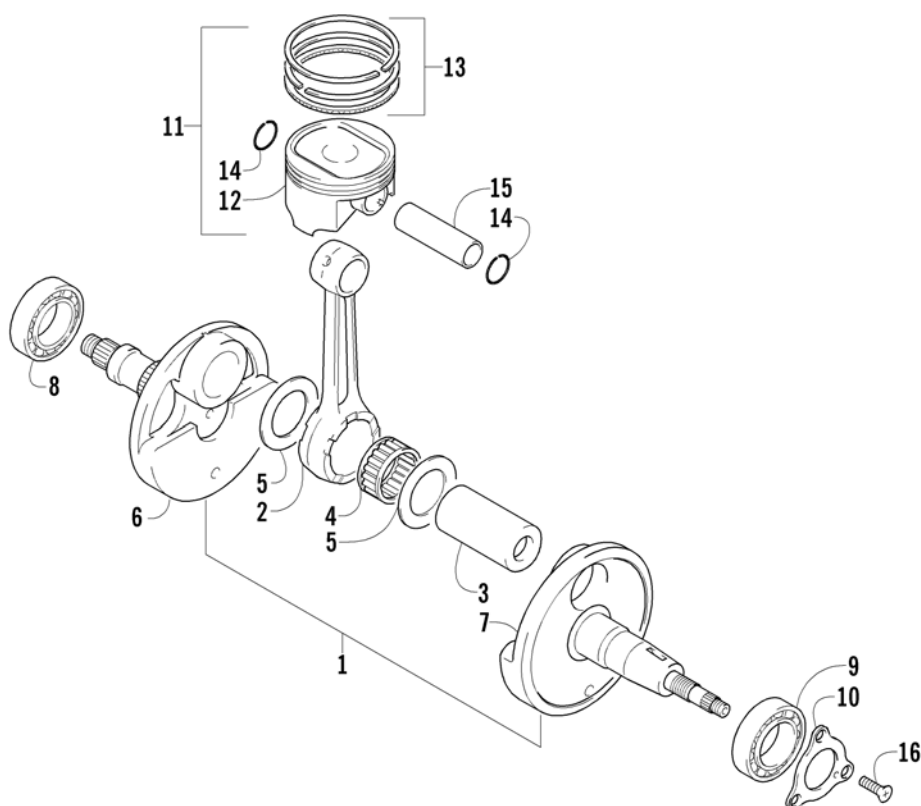
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-708	1	Crankcase Assembly (inc. two No. 2 and 3-14)	12	3423-387	1	ø Bolt
2	3423-088	4	ø Pin, Dowel	13	3423-388	1	ø Bolt
3	3004-822	1	ø Pin, Dowel	14	3423-508	1	ø Bolt
4	3423-091	4	ø Bolt	15	3402-439	1	Housing, Secondary Shaft Bearing
5	3423-119	3	ø Bolt	16	3423-506	3	Bolt
6	3423-092	3	ø Bolt	17	3402-437	1	Pipe, Breather
7	3004-880	4	ø Bolt	18	3423-389	1	Bolt, Breather Pipe
8	3005-332	1	ø Bolt	19	3402-214	1	Plug, Oil Pressure
9	3423-385	1	ø Bolt	20	3402-012	1	Gasket, Oil Pressure Plug
10	3402-436	2	ø Gasket	21	3402-438	1	Stick, Oil Level
11	3423-386	1	ø Plug	22	3423-055	1	O-Ring, Oil Level Stick



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0737-759

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-710	1	Cover, V-Belt	12	3402-445	1	Plate, Air Intake
2	3402-711	1	Damper, V-Belt Cover	13	3402-699	1	Cushion, Air Intake Plate
3	3402-712	2	Damper, V-Belt Cover	14	3402-714	1	Cover, Magneto
4	3402-713	1	Plate, V-Belt Cover	15	3402-715	1	Gasket, Magneto Cover
5	3423-370	7	Screw	16	3402-041	1	Plug, Oil Filler
6	3423-088	6	Pin, Dowel	17	3402-013	1	Gasket, Oil Filler Plug
7	3402-443	1	Gasket, V-Belt Cover	18	3423-098	26	Bolt
8	3402-444	1	Gasket, Drain Plug	19	3423-092	2	Bolt
9	3004-705	1	Plug, Drain	20	3004-756	2	Bolt
10	3402-709	1	Cover, Clutch	21	3423-091	14	Bolt
11	3402-441	1	Gasket, Clutch Cover	22	3423-119	2	Bolt

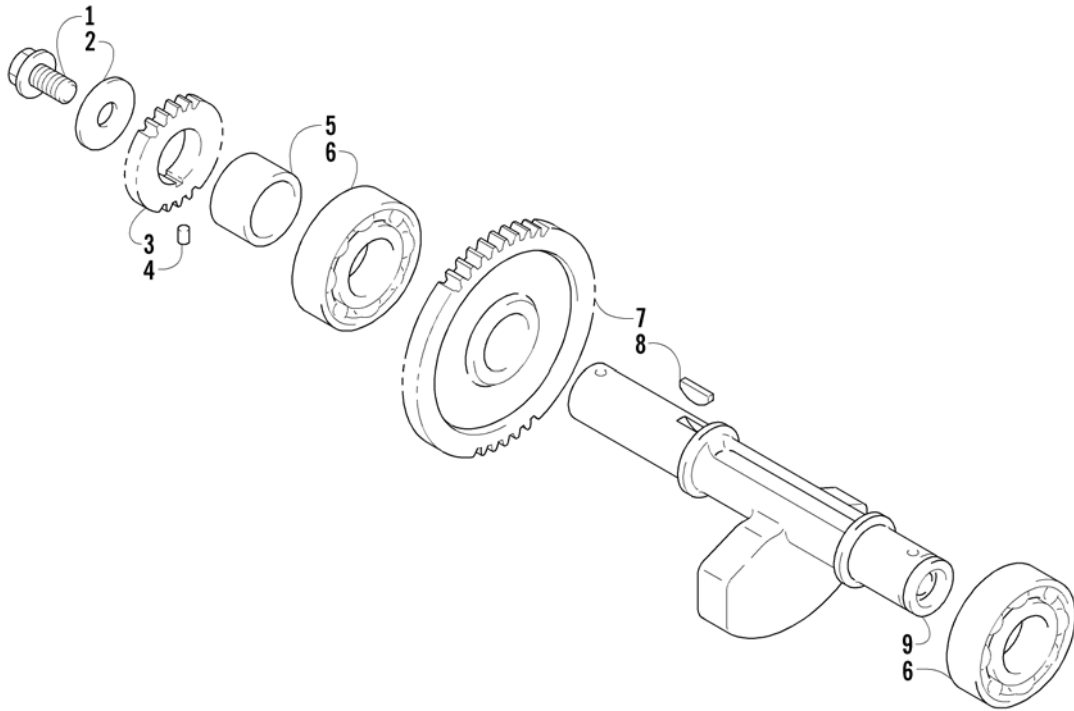


CRANKSHAFT ASSEMBLY

0737-077

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3403-018	1	Crankshaft Assembly (inc. 2-7)	9	3402-054	1	Bearing - Left
2	3402-376	1	ø Rod, Connecting	10	3402-188	1	Retainer, Oil Seal - Left
3	3402-377	1	ø Pin, Crank	11	3402-788	1	Piston Set (inc. 12-14)
4	3402-717	1	ø Bearing	12	3402-719	1	ø Piston
5	3423-351	2	ø Washer	13	3402-720	1	ø Ring, Piston - Set
6	3403-025	1	ø Crankshaft - Right	14	3423-344	2	ø Circlip, Piston Pin
7	3402-705	1	ø Crankshaft - Left	15	3402-375	1	Pin, Piston
8	3402-058	1	Bearing - Right	16	3423-018	3	Screw

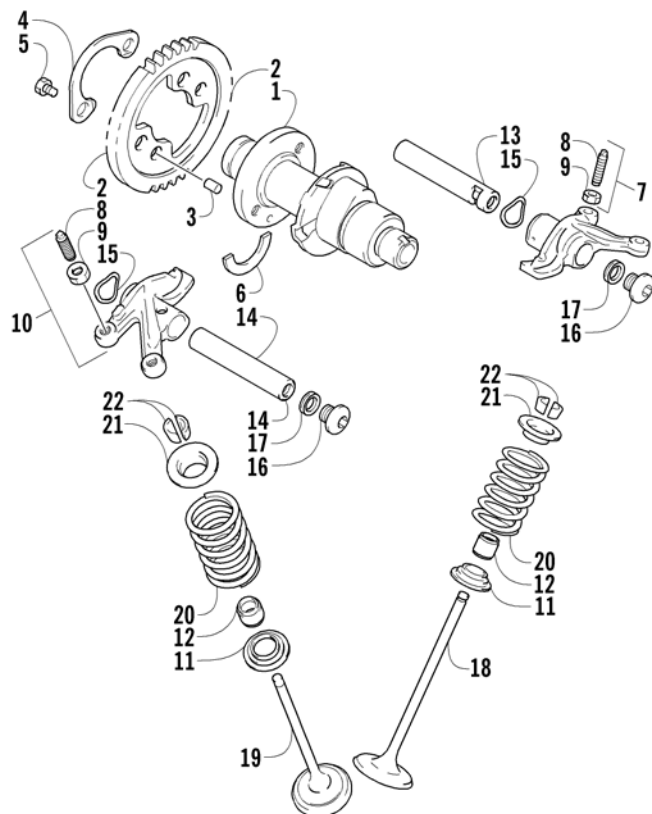
32



CRANK BALANCER ASSEMBLY

0737-762

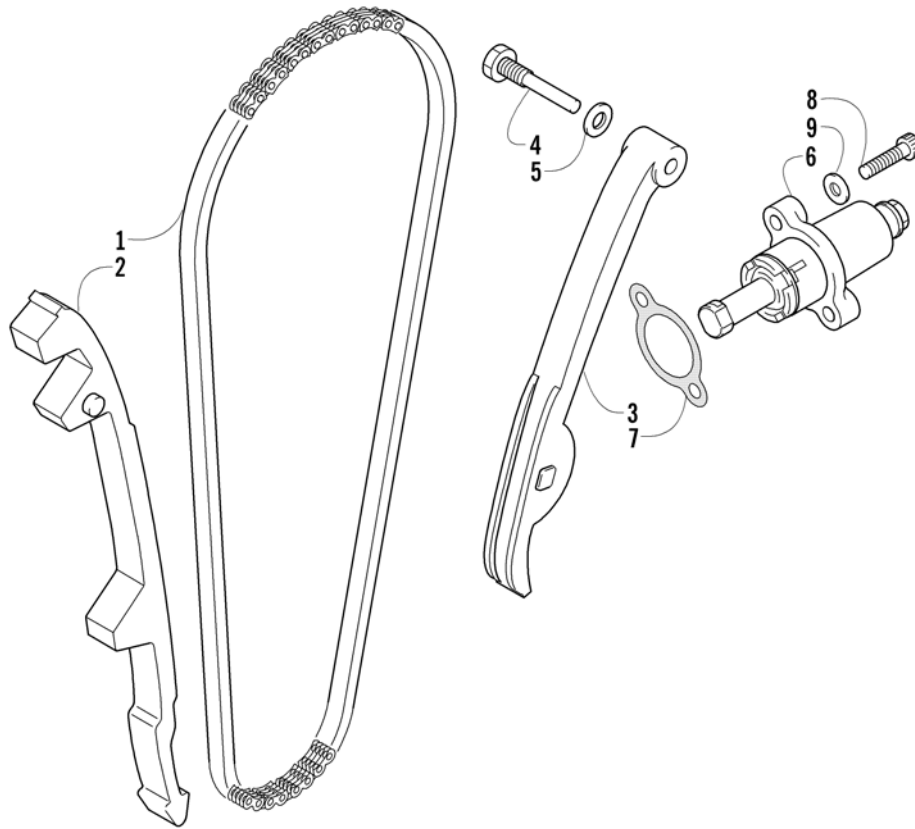
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3423-555	1	Bolt	6	3402-050	2	Bearing
2	3423-401	1	Washer	7	3402-814	1	Gear, Driven
3	3402-390	1	Gear, Oil Pump Drive	8	3004-540	1	Key
4	3423-110	1	Pin	9	3402-458	1	Balancer, Crank
5	3402-461	1	Spacer				



CAMSHAFT/VALVE ASSEMBLY

0737-800

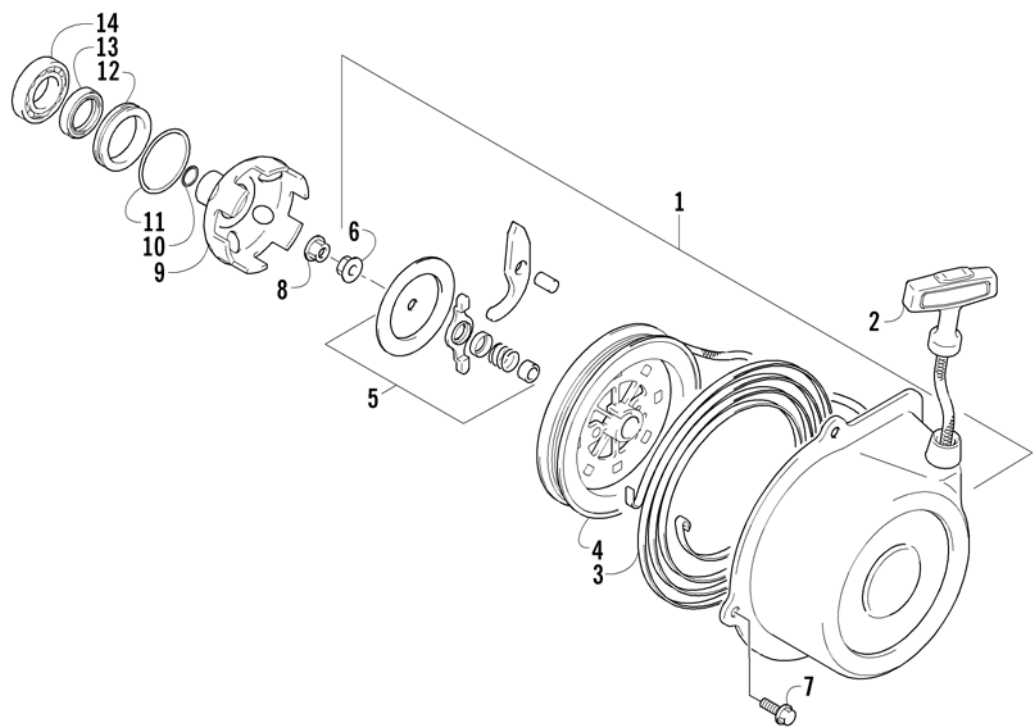
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-982	1	Camshaft	11	3402-148	4	Seat, Spring
2	3402-352	1	Sprocket	12	3402-078	4	Seal, Oil
3	3423-047	1	Pin	13	3402-140	1	Shaft, Rocker Arm
4	3423-073	1	Washer	14	3402-141	1	Shaft, Rocker Arm
5	3423-013	2	Bolt	15	3423-031	2	Washer
6	3423-071	1	C-Ring	16	3402-040	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	ø Screw	18	3402-725	2	Valve, Intake
9	3423-076	4	ø 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	3423-541	4	Retainer, Spring
				22	3402-147	8	Cotter, Valve



CAM CHAIN ASSEMBLY

0732-308

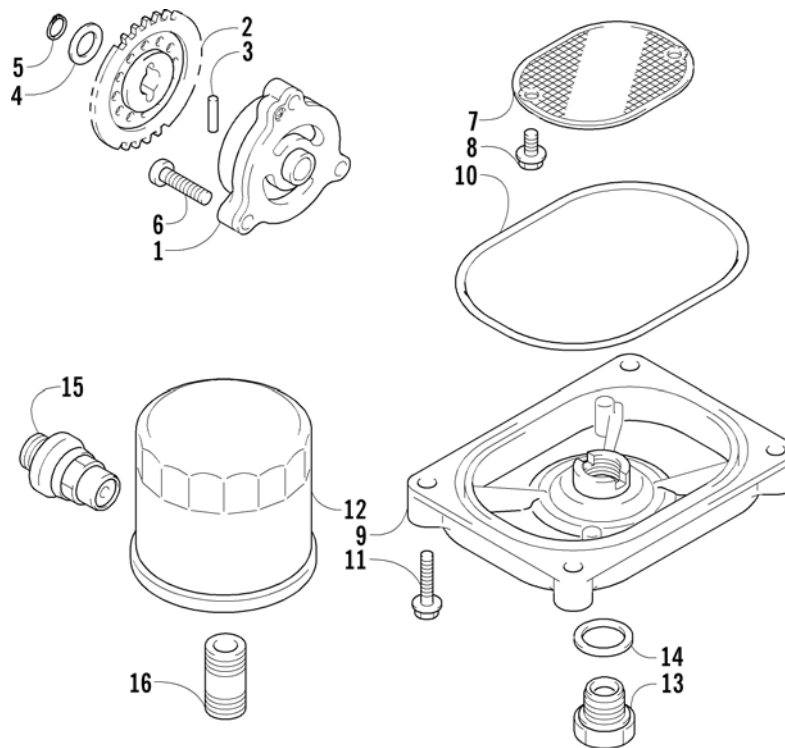
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-353	1	Chain, Cam	6	3402-136	1	Adjuster, Tensioner - Assembly
2	3402-355	1	Guide, Chain	7	3402-137	1	Gasket
3	3402-356	1	Tensioner, Chain	8	3004-475	2	Screw, Cap
4	3423-074	1	Bolt	9	3003-290	2	Gasket
5	3003-188	1	Washer				



RECOIL STARTER ASSEMBLY

0737-764

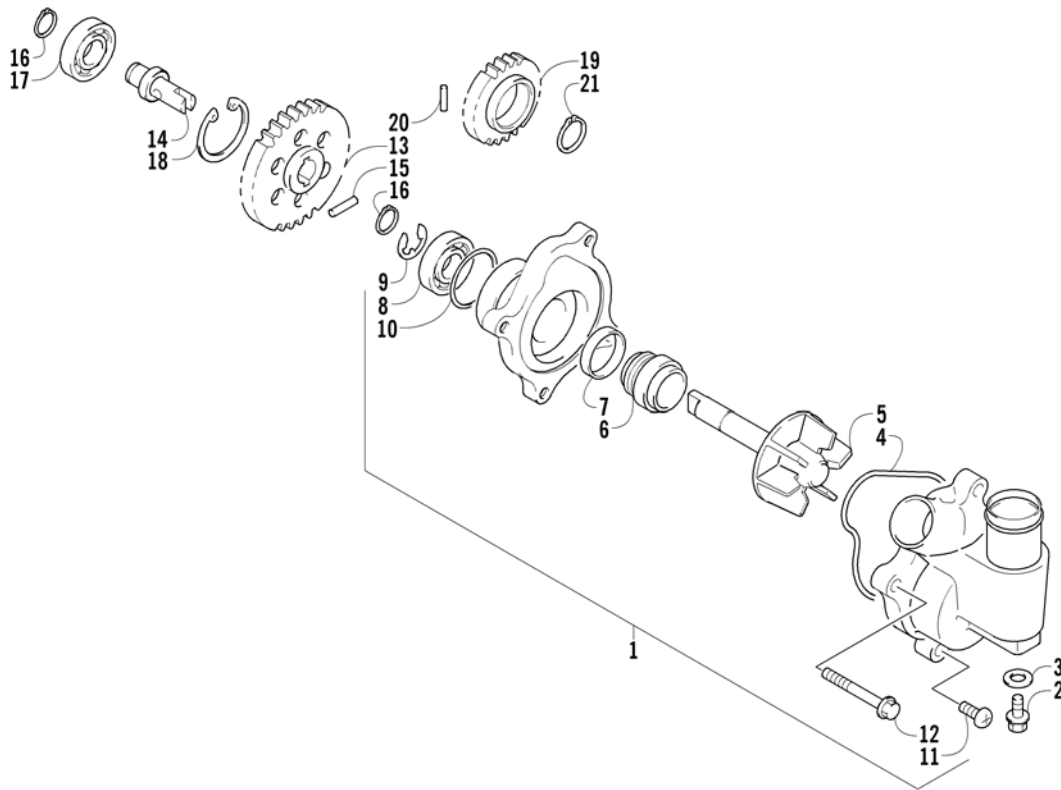
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3445-003	1	Starter, Recoil - Assembly (inc. 2-6)	8	3004-491	1	Nut
2	3445-011	1	ø Rope Assembly	9	3445-029	1	Cup, Starter
3	3445-007	1	ø Spring, Spiral	10	3423-053	1	O-Ring
4	3445-004	1	ø Reel	11	3423-063	1	O-Ring
5	3445-016	1	ø Ratchet Assembly	12	3423-542	1	Spacer
6	3004-488	1	ø Nut	13	3402-070	1	Seal, Oil
7	3423-428	4	Screw, Cap	14	3402-051	1	Bearing



OIL FILTER/PUMP ASSEMBLY

0737-765

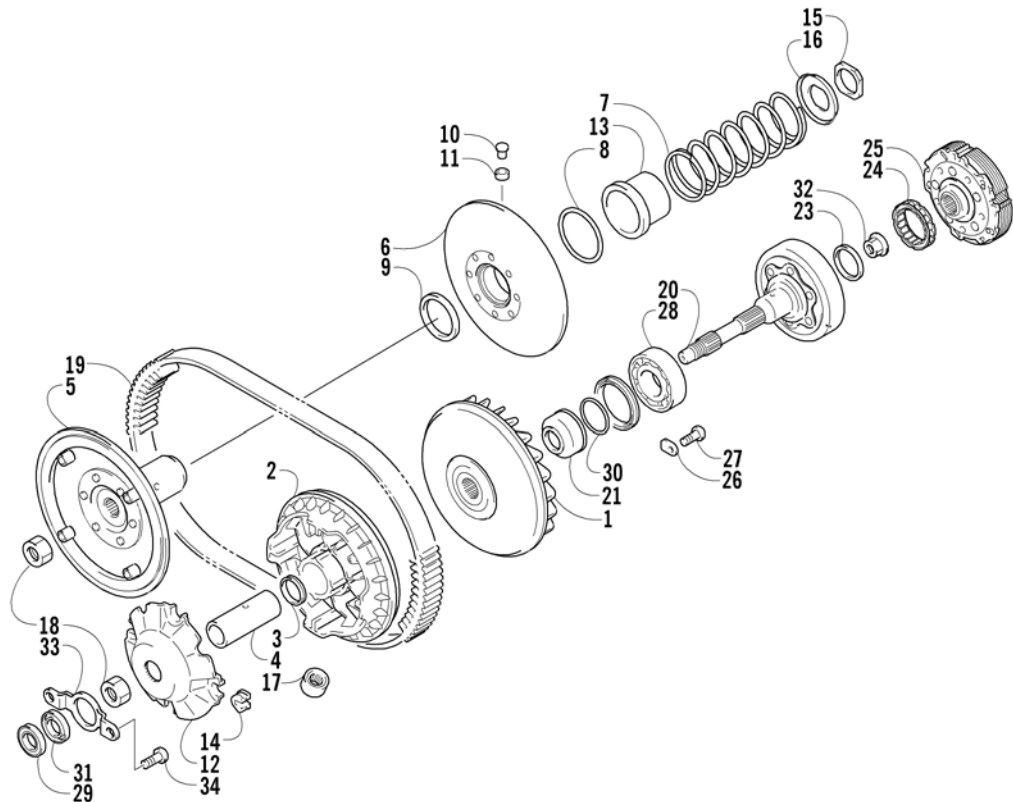
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-727	1	Pump, Oil	9	3402-157	1	Cap, Oil Strainer
2	3402-463	1	Gear, Driven	10	3423-077	1	O-Ring
3	3423-046	1	Pin	11	3004-756	4	Screw, Cap
4	3423-443	1	Washer	12	0812-005	1	Filter, Oil
5	3423-184	1	Circlip	13	3402-728	1	Plug, Drain
6	3423-510	3	Screw, Cap	14	3402-012	1	Gasket, Drain Plug
7	3402-156	1	Strainer, Oil	15	3402-154	1	Valve, Oil-Relief - Assembly
8	0693-389	2	Screw, Cap	16	3402-158	1	Union, Oil Filter



WATER PUMP ASSEMBLY

0737-766

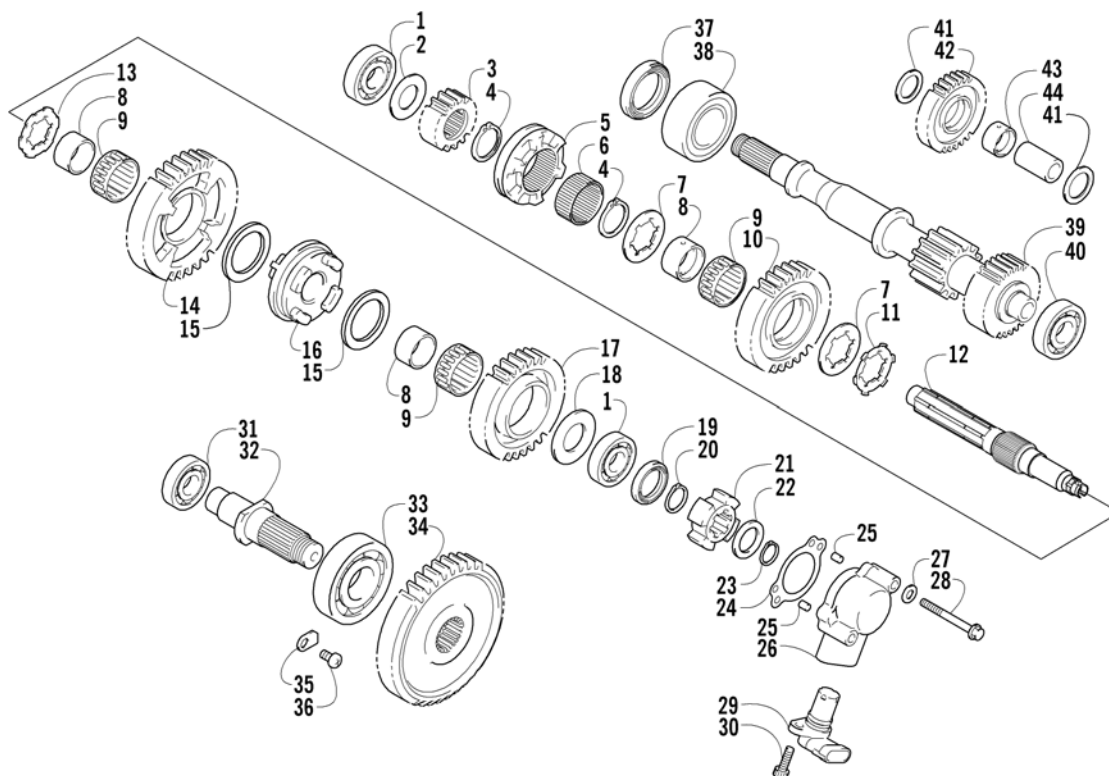
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-464	1	Pump, Water - Assembly (inc. 2-11)	12	3423-308	2	Screw, Cap
2	3423-343	1	ø Screw, Cap	13	3402-026	1	Gear, Driven
3	3402-436	1	ø Gasket	14	3402-466	1	Shaft, Driven Gear
4	3423-402	1	ø O-Ring	15	3423-046	1	Pin, Driven Gear
5	3413-014	1	ø Impeller/Shaft	16	3423-184	2	Circlip, Driven Gear
6	3005-909	1	ø Seal, Mechanical	17	3402-467	1	Bearing, Shaft
7	3402-465	1	ø Seal, Oil	18	3423-405	1	Circlip, Shaft Bearing
8	3003-615	1	ø Bearing	19	3402-390	1	Gear, Water Pump Drive
9	3423-403	1	ø E-Ring	20	3423-110	1	Pin, Drive Gear
10	3423-404	1	ø O-Ring	21	3423-189	1	Circlip, Drive Gear
11	0693-321	2	ø Screw				



TRANSMISSION ASSEMBLY

0737-771

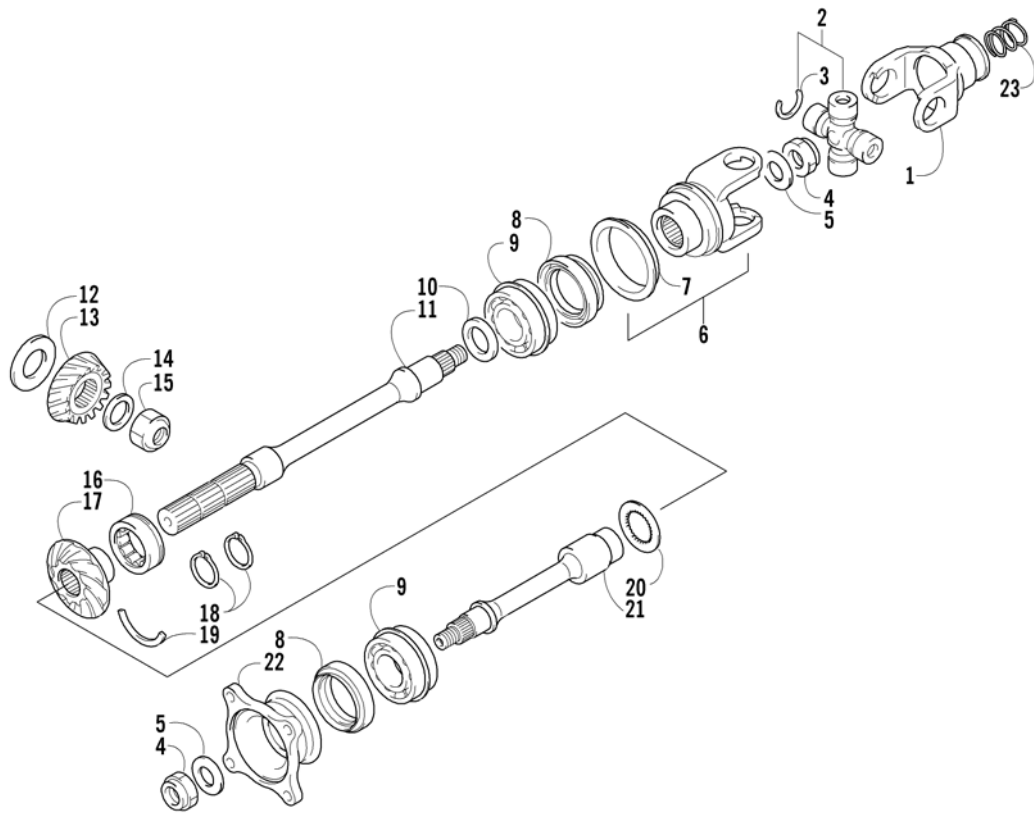
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-750	1	Face, Fixed Drive	18	3423-514	2	Nut
2	3402-751	1	Face, Movable Drive	19	3402-757	1	V-Belt
3	3402-470	2	Seal, Movable Drive Face	20	3402-758	1	Housing, Clutch
4	3402-471	1	Spacer, Movable Drive Face	21	3402-544	1	Spacer, Fixed Drive Face
5	3402-752	1	Face, Fixed Driven	22	3402-977	1	Seal, Clutch Housing - Center
6	3402-753	1	Face, Movable Driven	23	3402-488	1	Seal, Clutch Housing - Left
7	3402-474	1	Spring, Movable Driven Face	24	3446-003	1	Clutch, One-Way
8	3402-475	2	O-Ring, Movable Driven Face	25	3402-760	1	Shoe, Clutch - Assembly
9	3402-476	2	Seal, Movable Driven Face	26	3446-031	2	Retainer, Bearing
10	3402-477	4	Pin, Movable Driven Face	27	3423-370	2	Screw, Bearing Retainer
11	3402-478	4	Spacer, Movable Driven Face	28	3402-567	1	Bearing
12	3402-755	1	Plate, Movable Drive Face	29	3402-729	1	Bearing
13	3402-756	1	Sleeve, Movable Driven Face	30	3423-353	1	O-Ring
14	3402-481	4	Damper, Movable Drive Face	31	3402-761	2	Seal, Clutch Housing - Right
15	3423-406	1	Nut, Driven Pulley	32	3423-501	1	Nut
16	3402-482	1	Holder, Movable Driven Face Spring	33	3402-730	1	Retainer, Bearing
17	3402-483	8	Roller, Movable Drive Face	34	3423-018	2	Screw



SECONDARY TRANSMISSION ASSEMBLY

0738-929

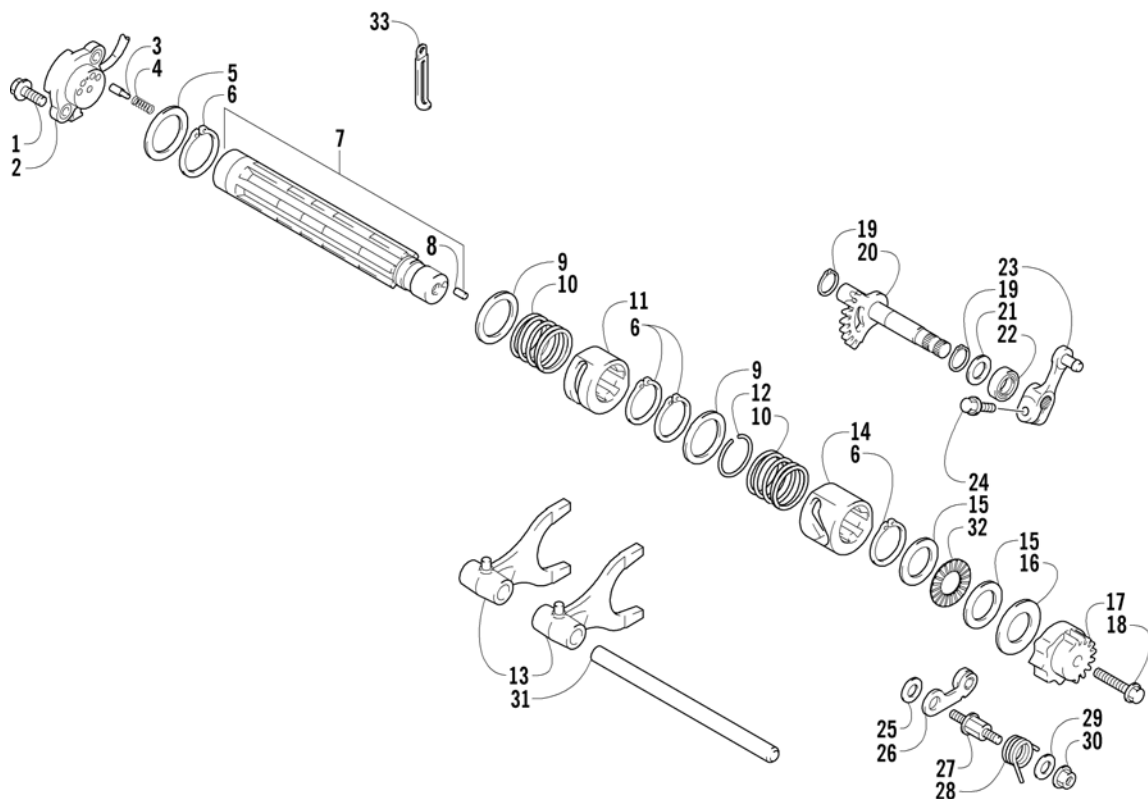
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-045	2	Bearing, Shaft	23	3423-557	1	Circlip
2	3402-381	1	Washer, Drive Gear No. 2 - Right	24	3446-289	1	Gasket
3	3402-497	1	Gear, Drive - No. 2	25	3006-547	2	Pin
4	3423-066	2	Circlip	26	3446-355	1	Housing, Speedometer Sensor
5	3402-737	1	Dog, Reverse Driven Gear	27	3003-290	2	Gasket
6	3402-825	1	Spacer, Reverse Driven Gear	28	3423-091	2	Bolt
7	3423-263	2	Washer	29	3402-838	1	Sensor, Speedometer
8	3402-494	3	Bushing	30	3423-226	1	Bolt
9	3402-498	3	Bearing	31	3402-735	1	Bearing, Shaft
10	3402-822	1	Gear, Reverse Driven	32	3402-491	1	Shaft, Output
11	3423-266	1	Washer, Lock	33	3402-502	1	Bearing, Output Shaft
12	3402-820	1	Countershaft	34	3402-534	1	Gear, Driven - No. 2
13	3423-262	1	Washer, Lock	35	3446-031	2	Retainer, Bearing
14	3402-668	1	Gear, Driven - Low	36	3423-370	2	Screw, Bearing Retainer
15	3423-554	2	Washer, Driven Gear	37	3402-537	1	Seal, Driveshaft - Left
16	3402-824	1	Dog, Sliding	38	3402-499	1	Bearing, Driveshaft - Right
17	3402-733	1	Gear, Driven - High	39	3402-731	1	Driveshaft
18	3423-412	1	Washer, Drive Gear - Left	40	3003-261	1	Bearing, Driveshaft - Left
19	3402-836	1	Seal, Countershaft - Left	41	3402-195	2	Washer, Reverse Idle Gear
20	3423-518	1	Circlip	42	3402-503	1	Gear, Reverse Idle
21	3402-837	1	Rotor	43	3446-103	1	Bushing, Reverse Idle Gear
22	3423-556	1	Washer	44	3402-507	1	Shaft, Reverse Idle



SECONDARY DRIVE ASSEMBLY

0740-798

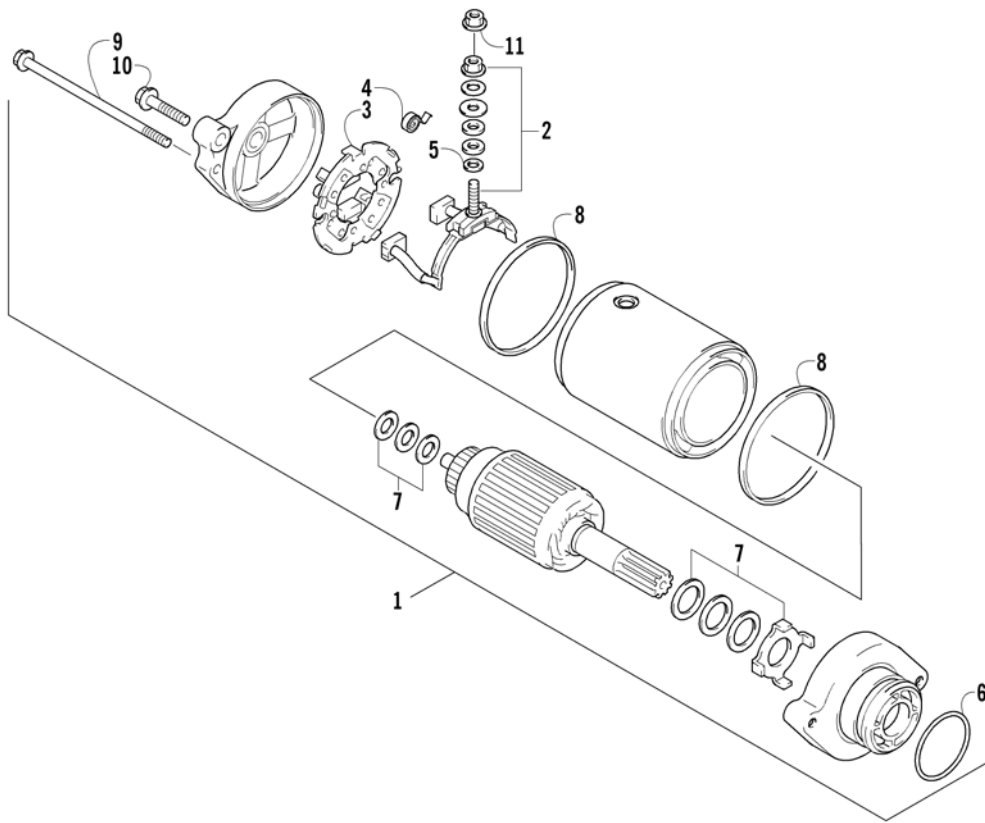
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3446-327	1	Yoke, Propeller Shaft Joint	11	3402-740	1	Shaft, Secondary Driven - Front
2	3402-562	1	Joint, Universal - Set (inc. 3)	12	3446-035	1	Shim, Secondary Drive Gear - Set
3	3423-479	4	ø Circlip	13	3402-738	1	Gear, Secondary Drive
4	3423-025	2	Nut, Rear Output Joint	14	3005-372	1	Washer
5	3423-028	2	Washer, Rear Output Flange	15	3423-023	1	Nut
6	3402-742	1	Yoke, Drive Output - Front (inc. 7)	16	3402-515	1	Bearing, Driven Gear
7	3402-743	1	ø Plate, Output Yoke	17	3402-739	1	Gear, Secondary Driven
8	3402-072	2	Seal, Oil - Driven Shaft	18	3423-340	2	Circlip, Secondary Driven Gear
9	3402-067	2	Bearing, Driven Shaft	19	3423-072	1	Ring, Driven Bearing
10	3402-017	AR	Shim, 25 x 34 x 0.60 mm	20	3423-415	1	Washer, Driven Shaft
	3402-018	AR	Shim, 25 x 34 x 0.65 mm	21	3402-513	1	Shaft, Secondary Driven - Rear
	3402-019	AR	Shim, 25 x 34 x 0.70 mm	22	3402-514	1	Flange, Output Joint - Rear
	3402-020	AR	Shim, 25 x 34 x 0.75 mm	23	1402-026	1	Spring
	3402-021	AR	Shim, 25 x 34 x 0.80 mm				
	3402-022	AR	Shim, 25 x 34 x 0.85 mm				
	3402-023	AR	Shim, 25 x 34 x 0.90 mm				
	3402-024	AR	Shim, 25 x 34 x 0.95 mm				
	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

0741-485

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3423-418	2	Bolt	18	3004-376	1	Bolt, Gear Shift Cam Plate
2	3530-042	1	Base, Gear Shift - Assembly	19	3423-358	2	Circlip, Sub-Gear Shift Shaft
3	3423-044	2	Contact	20	3402-747	1	Shaft, Sub-Gear Shift
4	3402-087	2	Spring	21	1691-043	2	Washer, Sub-Gear Shift Shaft
5	3423-421	1	Washer, Shift Shaft	22	3402-076	1	Seal, Sub-Gear Shift Shaft
6	3423-191	4	Circlip, Cam Spring	23	3402-434	1	Arm, Select
7	3402-826	1	Shaft, Gear Shift (inc. 8)	24	3004-341	1	Bolt, Select Arm
8	3423-114	1	ø Pin	25	3423-141	1	Washer, Cam Stopper
9	3402-382	2	Washer, Cam Spring	26	3402-746	2	Stopper, Cam
10	3446-280	2	Spring, Cam	27	3446-048	1	Support, Cam Stopper
11	3402-827	1	Cam, Reverse	28	3423-511	1	Spring, Cam Stopper
12	3423-416	1	C-Ring, Cam	29	3423-438	2	Washer, Cam Stopper Spring
13	3446-353	2	Fork, Shift	30	3004-488	1	Nut, Cam Stopper Spring
14	3402-828	1	Cam, Gear Shift	31	3446-266	1	Shaft, Shift Fork
15	3402-381	2	Washer, Shift Shaft	32	3402-829	1	Bearing
16	3423-446	1	Washer, Gear Shift Cam Plate	33	3004-787	1	Clamp, Wire
17	3402-642	1	Plate, Gear Shift Cam				

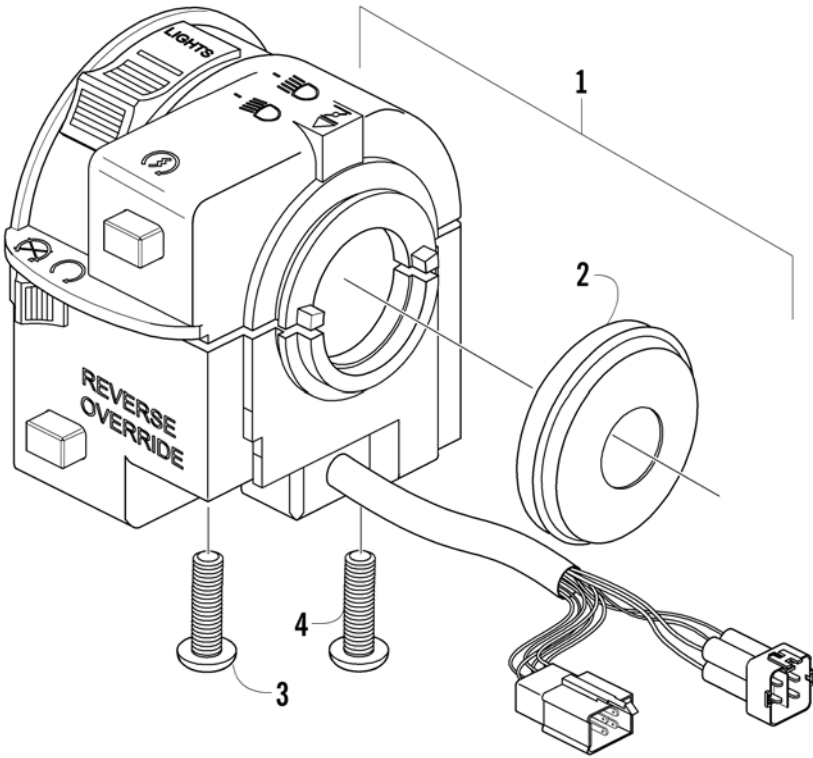


STARTER MOTOR ASSEMBLY

0737-779

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

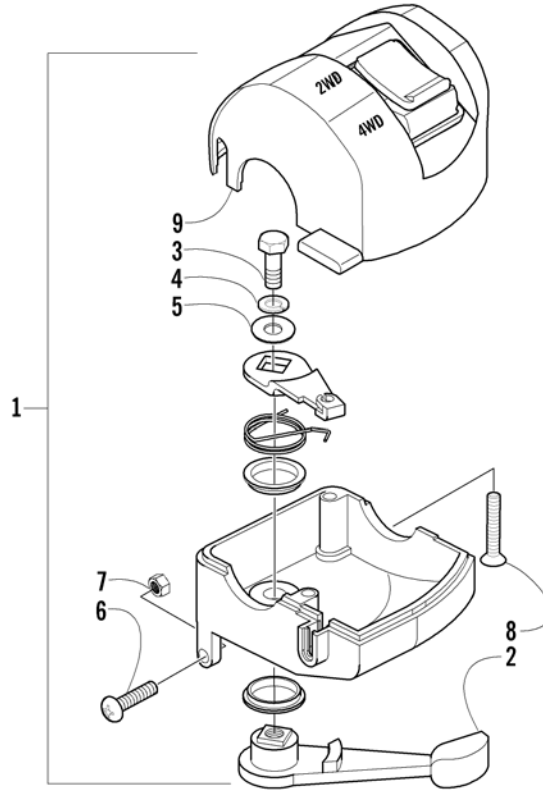
44



CONTROL SWITCH HOUSING ASSEMBLY

0738-459

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0409-081	1	Switch, Control - Assembly	3	0409-028	±	± Screw
2	3409-019	±	± Cover, Choke Lever	4	0409-027	±	± Screw



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	ø Screw
2	3409-001	1	ø Lever	7	3423-327	1	ø Nut
3	3004-533	1	ø Screw, Cap	8	3423-199	2	ø Screw
4	3004-447	1	ø Washer, Lock	9	0409-048	1	ø Cover, Throttle Case w/Switch
5	3003-030	1	ø Washer				

RELATED ITEMS

2007 ATV 500 FIS (Automatic Transmission)

0436-479	Articulating Spool Mount	0436-352	Hand/Thumb Warmers
0436-548	Articulating Spool Receiver Mount Adapter	0436-639	Ice Auger Holder
0436-768	Backrest	0436-787	License Plate Kit
0436-961	Bag, Fender - Black	0436-463	Light Bar
0436-925	Bag, Rack, Front - Black	0436-635	Plow Attachment Kit
0436-924	Bag, Rack, Rear - Black	0436-228	Plow Blade, 50 in. - Straight
0436-480	Bar, Utility/Gun Rack	0436-287	Plow Blade, 50 in. - One-Way
0436-811	Basket, Open-End	0436-296	Plow Blade, 60 in. - Straight
0436-619	Brush Guard/Bumper	0436-360	Plow Blade, 60 in. - One-Way
0436-462	Bucket Holder	0436-966	Plow Blade, Diamond Trend - 60 in. - Straight
0436-620	Bumper (Rear)	0436-967	Plow Blade, Diamond Trend - 60 in. - One-Way
0436-464	Camp Stove Cradle	0436-636	Plow, Push Frame
0436-454	Cargo Box	0436-626	Rack Basket
0436-625	Cargo Box Quick-Release Kit	0436-647	Rack Extension, 4 in. (Front)
0436-460	Carryall (11 x 17)	0436-646	Rack Extension, 8 in. (Rear)
0436-652	Carryall (14 x 27)	0436-629	Rapid Blind (Break-Up)
0436-476	Chain Saw Lock	0436-630	Rapid Blind (Shadow Grass)
0436-777	Cover, Black and Green	0436-628	Rapid Shack (Blue Ice)
0436-668	Cover, Timber Camo	0436-624	Sprayer System
0436-776	Cover, Trailerable	0436-741	Sprayer Boom (120 in.)
0436-005	Engine Oil - 10W40	1402-028	Tire, Titan AT589 (25x8-12, Mud & Snow)
0436-003	Engine Oil - 5W30	0402-563	Tire, Titan AT589 (25x10-12, Mud & Snow)
0436-466	Fender Box	0436-297	Tool Holder - Double
0436-538	Gear Cradle	0436-263	Tool Holder - Single
0436-007	Gear Lube (Diff) - 80W90	0436-792	Tree Stand/Bow Case Holder
0436-501	Grease, High-Performance	0436-655	Winch, 2500 lb
0436-627	Gun Scabbard Kit	0436-623	Windshield, Clear w/Black Accent
0436-706	Gun Scabbard Mount	0436-470	Workbase (8 in.)
0436-505	Hand Guards - Black		

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