

**ARCTIC
CAT®**

2006

500 TRV

(Automatic Transmission)



Model Number A2006TBM4BUSR (Red)
Model Number A2006TBM4BUSG (Green)
Model Number A2006TBM4BUSZ (Cat Green)

Illustrated Parts Manual

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2006 500 TRV

Red (Model No. A2006TBM4BUSR)

Green (Model No. A2006TBM4BUSG)

Cat Green (Model No. A2006TBM4BUSZ)

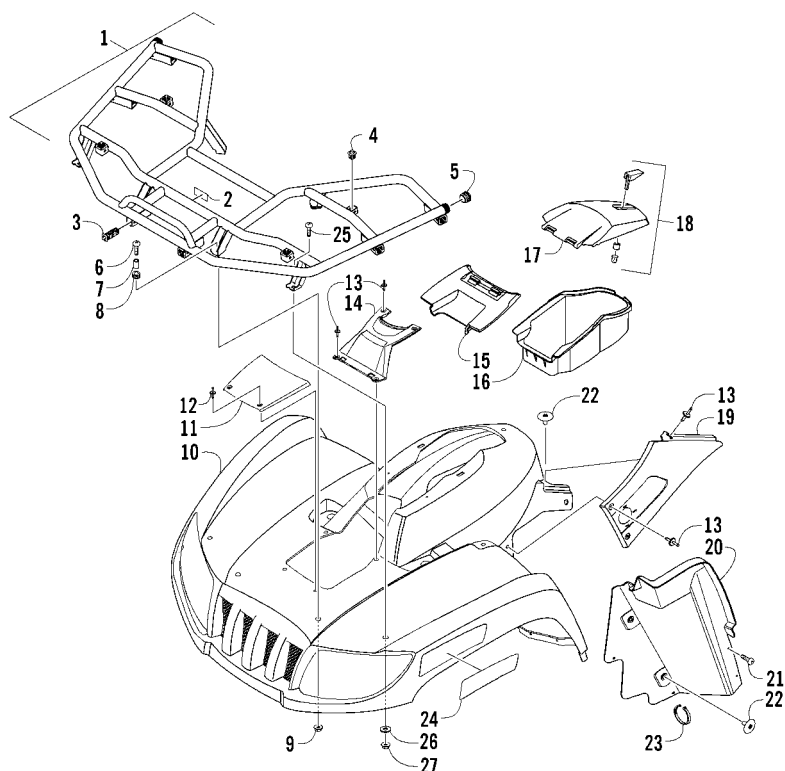
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■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2006 model year.

2005 Arctic Cat Inc.

Printed August 2005

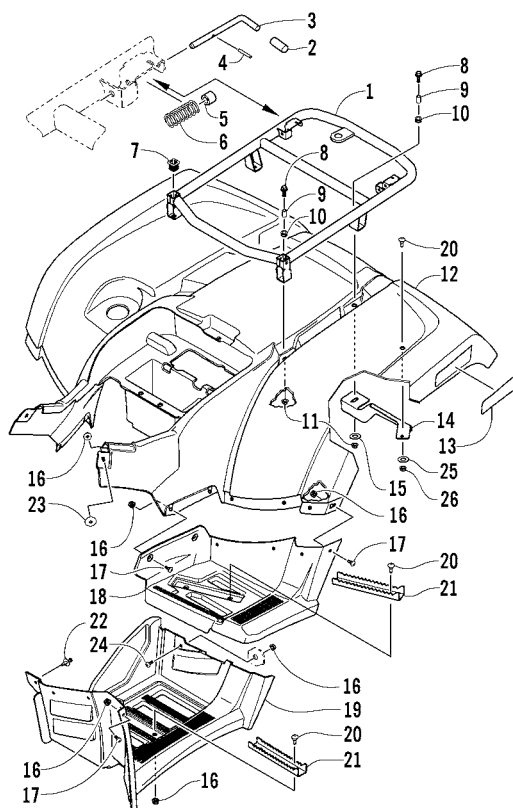
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FRONT BODY PANEL ASSEMBLY

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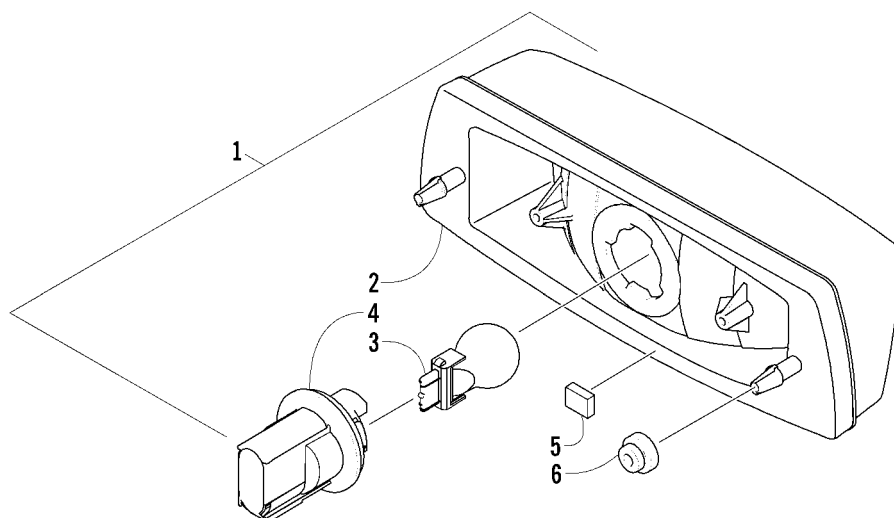
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0541-272	1	Rack - Front - Assembly (inc. 2-5)	15	0470-513	1	Cover, Storage Box
2	0411-576	1	● Decal, Warning - Front Rack Load	16	1406-573	1	Box, Storage
3	<u>2406-014</u>	6	● Bushing, Rack	17	0470-514	1	Lid, Storage Box
4	0441-592	4	● Bushing, Rack	18	1406-599	1	Latch, Storage Box
5	1441-049	2	● Plug, Rack	19	1406-313	1	Panel, Side - Right
6	<u>8410-830</u>	4	Screw, Machine		1406-314	1	Panel, Side - Left
7	0423-463	4	Spacer	20	1406-354	1	Panel, Splash - Right
8	0423-465	4	Grommet		1406-355	1	Panel, Splash - Left
9	8432-802	4	Nut, Lock	21	0423-342	4	Screw, Self-Tapping
10	1406-614	1	Panel, Fender - Front	22	0423-101	5	Screw, Body
	1406-613	1	Panel, Fender - Front (Green)	23	0123-788	AR	Cable Tie - 7.5 in.
	1406-615	1	Panel, Fender - Front (Cat Green)	24	0411-818	1	Decal, Reflector - Front - Right
11	1406-358	1	Cover, Access		0411-819	1	Decal, Reflector - Front - Left
12	0423-535	2	Rivet, Reinstallable	25	0423-355	2	Screw, Shoulder
13	0623-362	10	Rivet, Reinstallable	26	8050-222	2	Washer
14	1406-484	1	Cover, Steering Post	27	8424-602	2	Nut, Lock



REAR BODY PANEL ASSEMBLY

0740-915

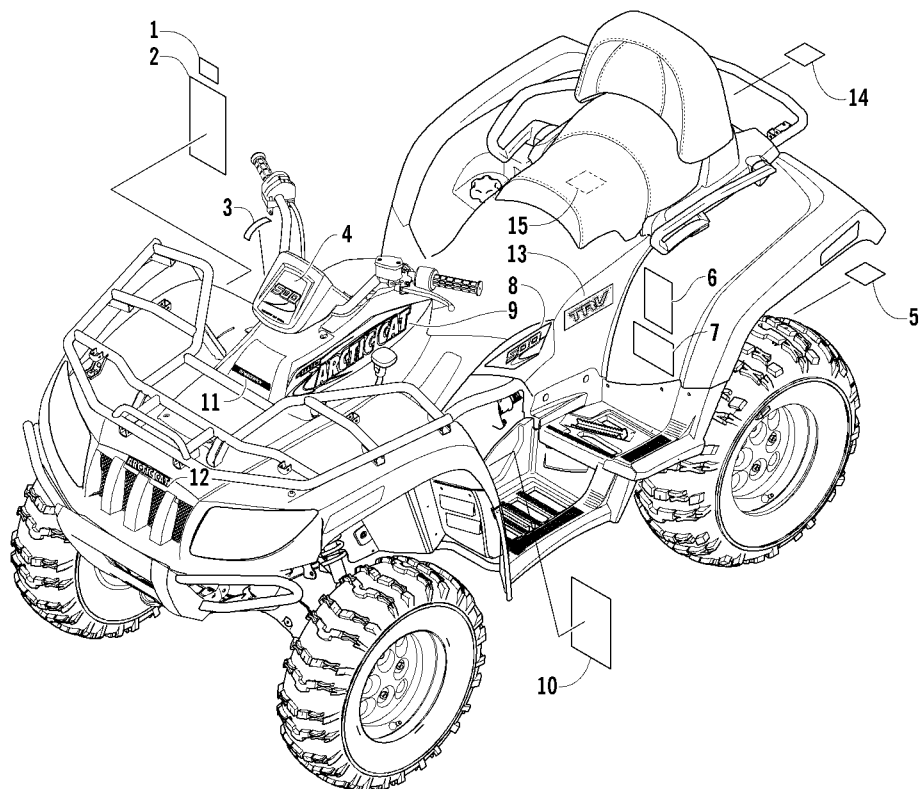
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1506-873</u>	1	Rack, Rear - Assembly (inc. 2-7)	14	<u>2506-092</u>	1	Bracket, Rear Fender - Right
2	1441-317	2	● Cap, Vinyl		<u>2506-093</u>	1	Bracket, Rear Fender - Left
3	<u>0541-448</u>	2	● Pin - Assembly (inc. 4)	15	0423-087	2	Washer
4	0423-635	2	●● Pin, Roll	16	0423-540	34	Nut, Lock
5	0423-036	2	● Collar	17	0423-419	22	Screw, Machine
6	0423-636	2	● Spring	18	2406-042	1	Footwell, Rear - Right
7	0441-592	4	● Bushing, Rack		2406-043	1	Footwell, Rear - Left
8	8410-830	4	Screw, Machine	19	1506-813	1	Footwell - Right
9	0423-463	4	Spacer		1506-814	1	Footwell - Left
10	0423-465	4	Grommet	20	0423-355	8	Screw, Shoulder
11	8432-802	4	Nut, Lock	21	1506-125	4	Footpeg
12	2406-038	1	Panel, Fender - Red	22	0623-362	2	Rivet, Reinstallable
	2406-039	1	Panel, Fender - Green (Green)	23	0423-101	2	Screw, Body
	2406-040	1	Panel, Fender - Cat Green (Cat Green)	24	8477-620	2	Screw, Machine
13	0411-820	1	Decal, Reflector - Right	25	0623-184	2	Washer
	0411-821	1	Decal, Reflector - Left	26	8424-602	2	Nut, Hex



TAILLIGHT ASSEMBLY

0739-987

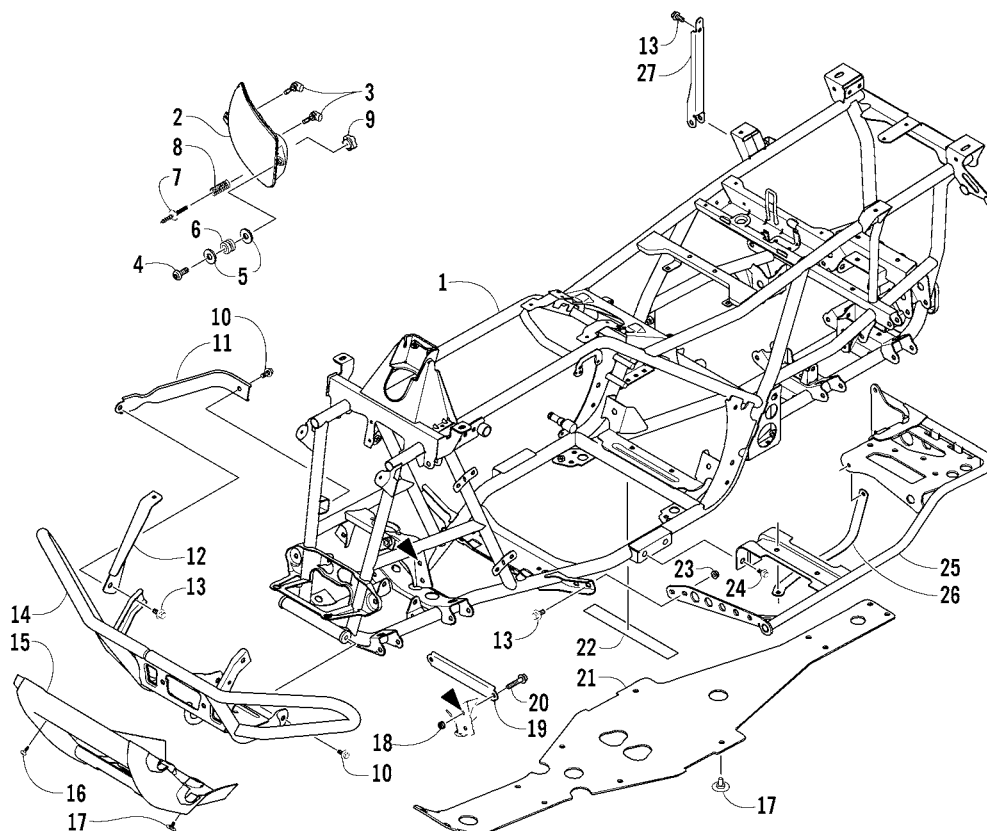
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	4	0409-057	1	● Socket, Taillight
2	0509-025	1	● Housing, Taillight	5	1406-790	4	Pad, Taillight
3	0409-056	1	● Bulb, Taillight	6	0423-534	2	Grommet



DECALS

0740-925 *Included on Front/Rear Fender Panels

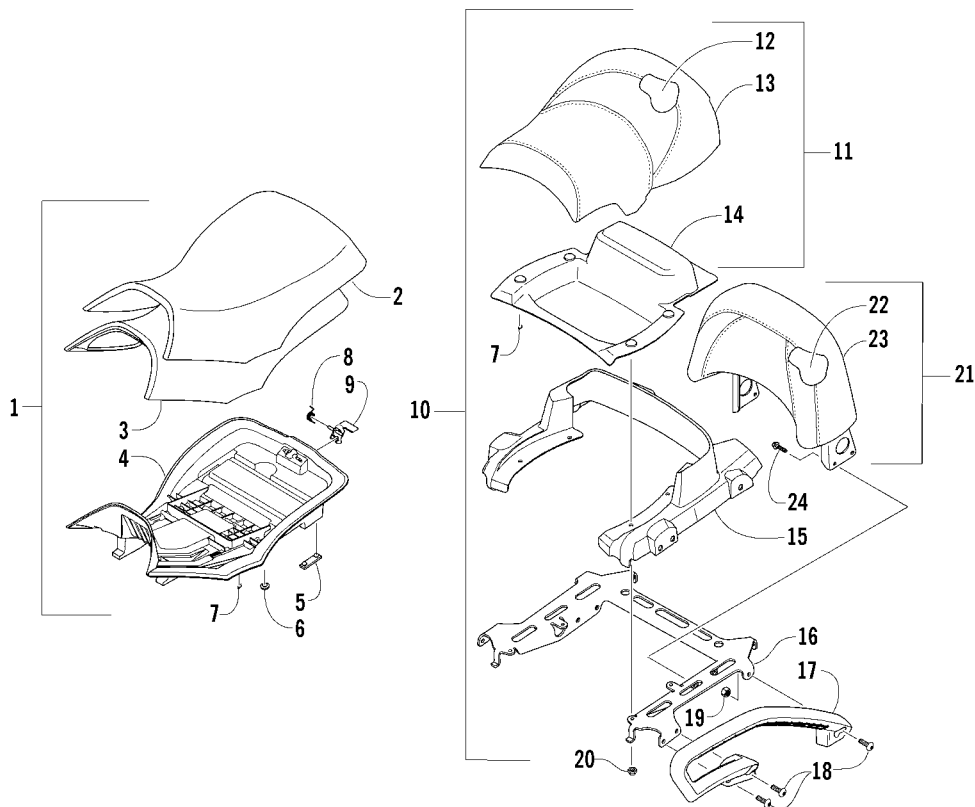
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1411-250	1	Decal, Warning - Reverse/Pre-Ride*	10	0411-753	1	Decal, Warning - Age/General*
2	0411-894	1	Decal, Warning - Hill	11	1411-050	1	Decal, "Speedrack"
3	0411-426	1	Decal, Warning - Clutch Cover	12	0411-840	1	Decal, Front
4	<u>1411-074</u>	1	Decal, Instrument Pod		0411-839	1	Decal, Front (Green)
	<u>1411-075</u>	1	Decal, Instrument Pod (Green)		0411-841	1	Decal, Front (Cat Green)
	<u>1411-076</u>	1	Decal, Instrument Pod (Cat Green)	13	<u>1411-264</u>	2	Decal, Graphic - TRV
5	<u>1411-077</u>	1	Decal, Warning - Towing		<u>1411-266</u>	2	Decal, Graphic - TRV (Green)
6	0411-833	1	Decal, Passenger		<u>1411-262</u>	2	Decal, Graphic - TRV (Cat Green)
7	0411-832	1	Decal, Warning - Tire Pressure	14	<u>1411-251</u>	1	Decal, Warning - Seat/Passenger
8	<u>1411-258</u>	1	Decal, Side - Lower Right	15	<u>1411-269</u>	1	Decal, Warning - Passenger
	<u>1411-259</u>	1	Decal, Side - Lower Left				
	<u>1411-260</u>	1	Decal, Side - Lower Right (Green)				
	<u>1411-261</u>	1	Decal, Side - Lower Left (Green)				
	<u>1411-256</u>	1	Decal, Side - Lower Right (Cat Green)				
	<u>1411-257</u>	1	Decal, Side - Lower Left (Cat Green)				
9	<u>1411-014</u>	1	Decal, Side - Upper Right				
	<u>1411-015</u>	1	Decal, Side - Upper Left				
	<u>1411-016</u>	1	Decal, Side - Upper Right (Green)				
	<u>1411-017</u>	1	Decal, Side - Upper Left (Green)				
	<u>1411-018</u>	1	Decal, Side - Upper Right (Cat Green)				
	<u>1411-019</u>	1	Decal, Side - Upper Left (Cat Green)				



FRAME AND RELATED PARTS

0740-926

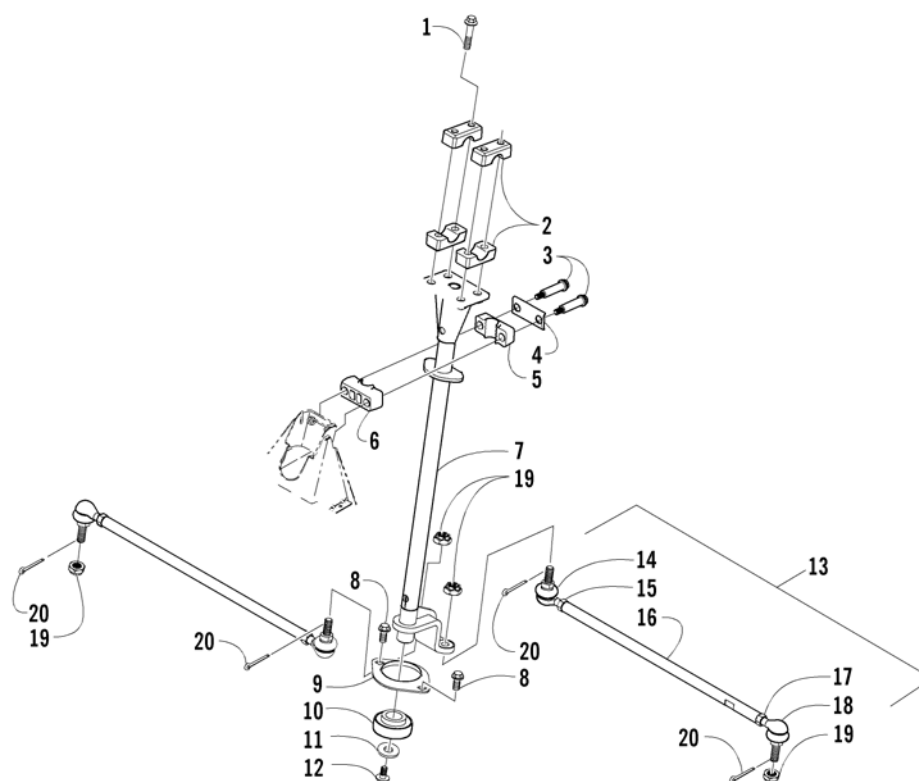
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1506-864</u>	1	Frame, Main	14	<u>1506-855</u>	1	Bumper
2	<u>0509-034</u>	1	Headlight Assembly - Right (inc. 3)	15	1406-360	1	Grille, Bumper
	<u>0509-035</u>	1	Headlight Assembly - Left (inc. 3)	16	0423-419	2	Screw, Machine
3	0409-055	4	● Bulb, Headlight	17	0423-101	16	Screw, Body
4	0623-785	4	Screw, Self-Tapping	18	8428-002	2	Nut, Lock
5	8050-217	8	Washer	19	1506-429	1	Brace, A-Arm
6	0423-447	4	Grommet	20	8409-025	2	Screw, Cap
7	0423-514	2	Stud, Adjuster - Headlight	21	<u>2406-091</u>	1	Panel, Belly
8	0423-522	2	Spring, Adjuster	22	0406-289	1	Pad, Frame
9	0423-513	2	Knob, Adjuster	23	8424-802	8	Nut, Flange
10	8409-020	4	Screw, Cap	24	8409-016	4	Screw, Cap
11	0506-653	1	Channel, Bumper Mounting - Right	25	<u>1506-846</u>	1	Footrest - Right
	1506-596	1	Channel, Bumper Mounting - Left		<u>1506-847</u>	1	Footrest - Left
12	1506-562	1	Bracket, Mounting - Bumper - Right	26	<u>1506-994</u>	1	Strap, Footrest - Right
	1506-563	1	Bracket, Mounting - Bumper - Left		<u>1506-995</u>	1	Strap, Footrest - Left
13	8408-816	11	Screw, Cap	27	1506-548	1	Channel, Shock Support



SEAT AND BACKREST ASSEMBLY

0740-930

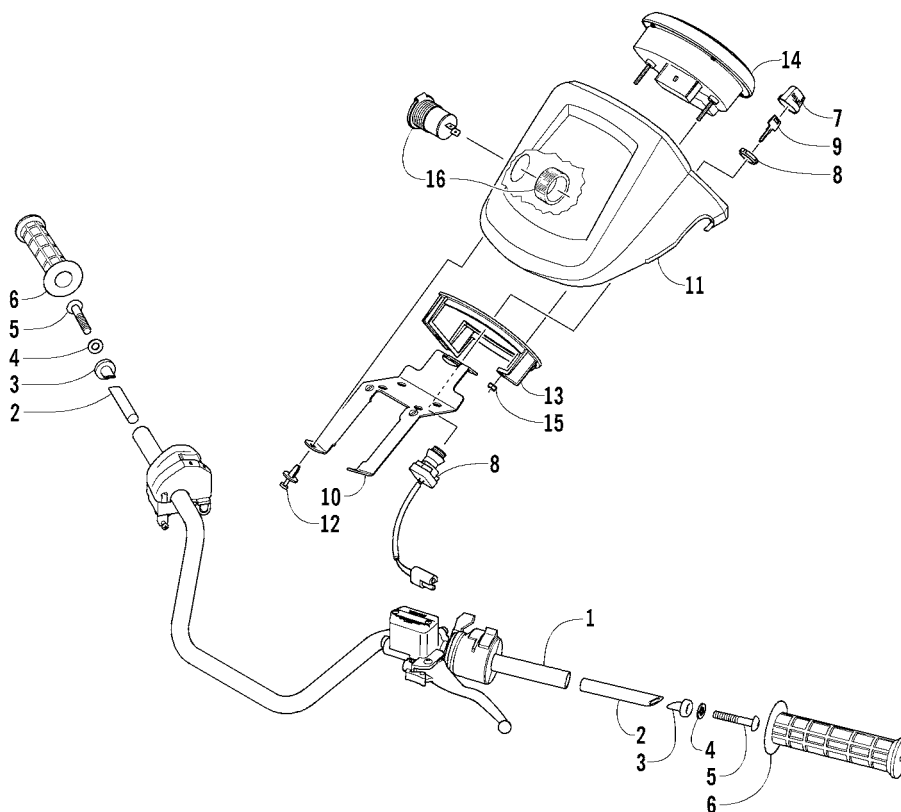
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1506-937</u>	1	Seat Assembly (inc. 2-9)	13	<u>1506-815</u>	1	●● Cover, Seat - Passenger
2	1506-209	1	● Cover, Seat	14	<u>2406-110</u>	1	●● Base, Seat - Inner
3	1506-208	1	● Foam, Seat	15	<u>2406-044</u>	1	● Base, Seat - Passenger
4	<u>2406-144</u>	1	● Base, Seat - Assembly (inc. 5-6)	16	<u>1506-932</u>	1	● Bracket, Seat Support - Assembly
5	0406-879	2	●● Bumper, Seat - Rear	17	<u>2406-112</u>	1	● Handhold, Passenger - Right
6	0406-877	4	●● Bumper, Seat - Front		<u>2406-113</u>	1	● Handhold, Passenger - Left
7	0624-528	AR	● Staple	18	0423-362	6	● Screw
8	1406-592	1	● Spring, Seat Latch	19	8432-802	6	● Nut, Hex
9	1506-156	1	● Latch, Seat	20	0624-250	4	● Nut, Lock
10	<u>1506-938</u>	1	Seat, Passenger - Assembly (inc. 11-20)	21	<u>1506-939</u>	1	Backrest Assembly (inc. 22-23)
11	<u>2506-064</u>	1	● Seat, Passenger - Sub-Assembly (inc. 7 and 12-14)	22	<u>1506-818</u>	1	● Foam, Backrest
12	<u>1506-816</u>	1	●● Foam, Seat - Passenger	23	<u>1506-817</u>	1	● Cover, Backrest
				24	8408-816	4	Screw



STEERING POST ASSEMBLY

0739-774

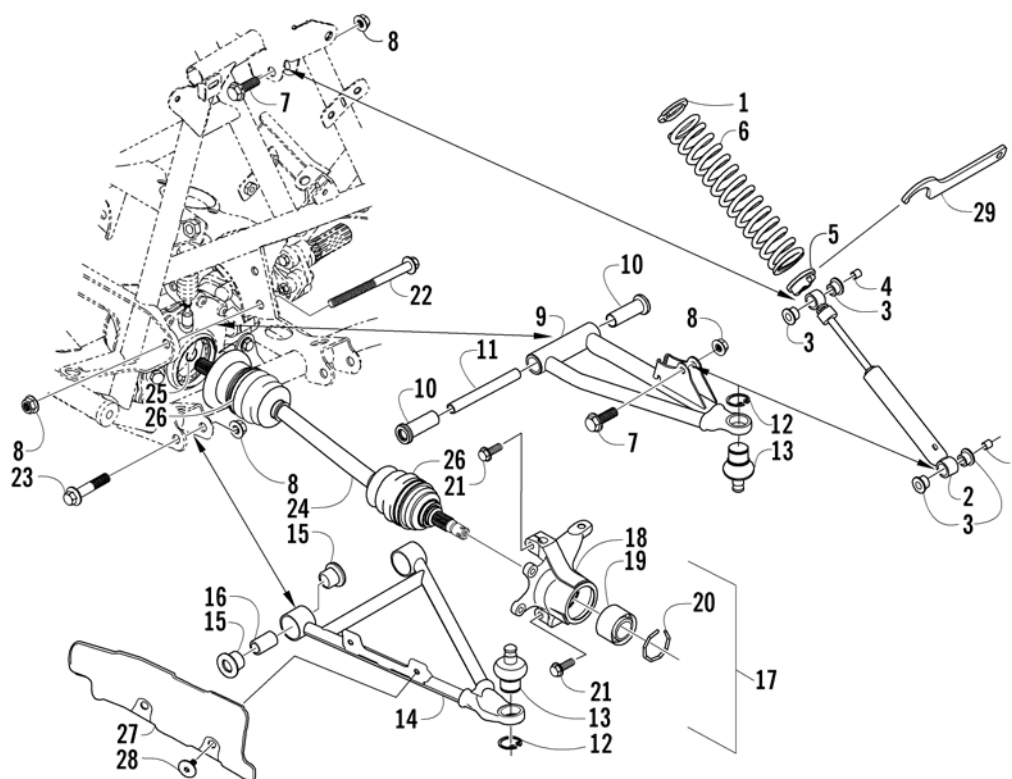
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	11	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	12	8409-020	1	Screw, Cap
3	<u>0423-505</u>	2	Screw, Shoulder	13	0505-408	2	Tie Rod - Assembly (inc. 14-18)
4	<u>0405-166</u>	1	Cap, Housing	14	0405-083	2	● Ball Joint, Tie Rod - Left
5	<u>0405-138</u>	1	Housing, Lower	15	0423-013	2	● Nut - Left
6	<u>0405-139</u>	1	Housing, Upper	16	0405-107	2	● Tie Rod
7	0505-451	1	Post, Steering	17	8420-002	2	● Nut - Right
8	8408-816	2	Screw, Cap	18	0405-082	2	● Ball Joint, Tie Rod - Right
9	0602-233	1	Flange, Bearing	19	0423-157	4	Nut, Top Lock
10	0405-052	1	Bearing w/Inverted Oil Seal	20	0623-175	4	Pin, Cotter



HANDLEBAR ASSEMBLY

0740-932

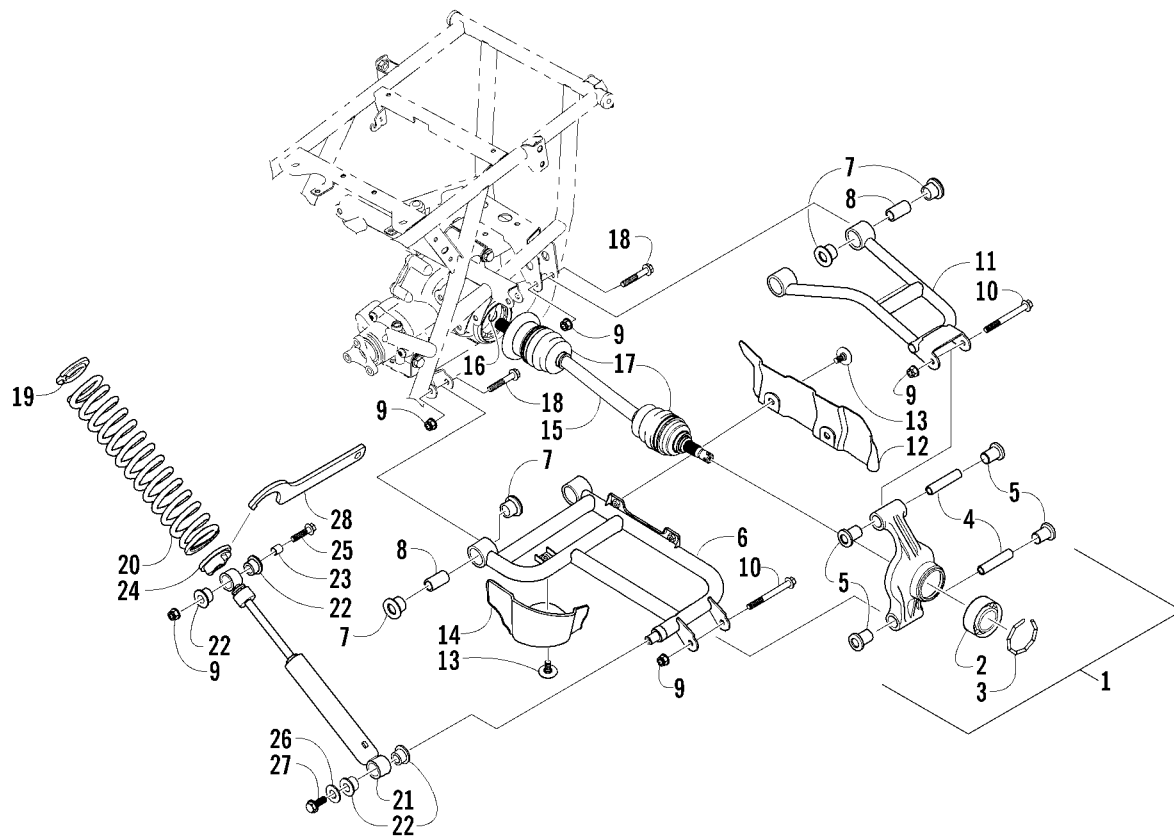
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-418	1	Tube, Handlebar	10	1506-578	1	Bracket, Mounting - Instrument Pod
2	0405-218	2	Plug, Handlebar	11	<u>0405-188</u>	1	Instrument Pod
3	0405-149	2	End Cap, Handlebar		<u>0405-189</u>	1	Instrument Pod (Green)
4	8050-247	2	Washer		<u>0405-190</u>	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>0420-065</u>	1	Clamp
7	0409-013	1	Cover, Key	14	<u>0520-015</u>	1	Gauge, LCD
8	3430-040	1	Switch, Ignition - Assembly (inc. 9)	15	0423-493	2	Nut, Hex
9	3409-007	1	● Key, Ignition - Blank (C Series)	16	0641-897	1	Outlet, Accessory - 12V
	3409-011	1	● Key, Ignition - Blank (D Series)				
	3409-012	1	● Key, Ignition - Blank (E Series)				
	3409-013	1	● Key, Ignition - Blank (F Series)				



FRONT SUSPENSION ASSEMBLY

0739-603 *Not a Service Part

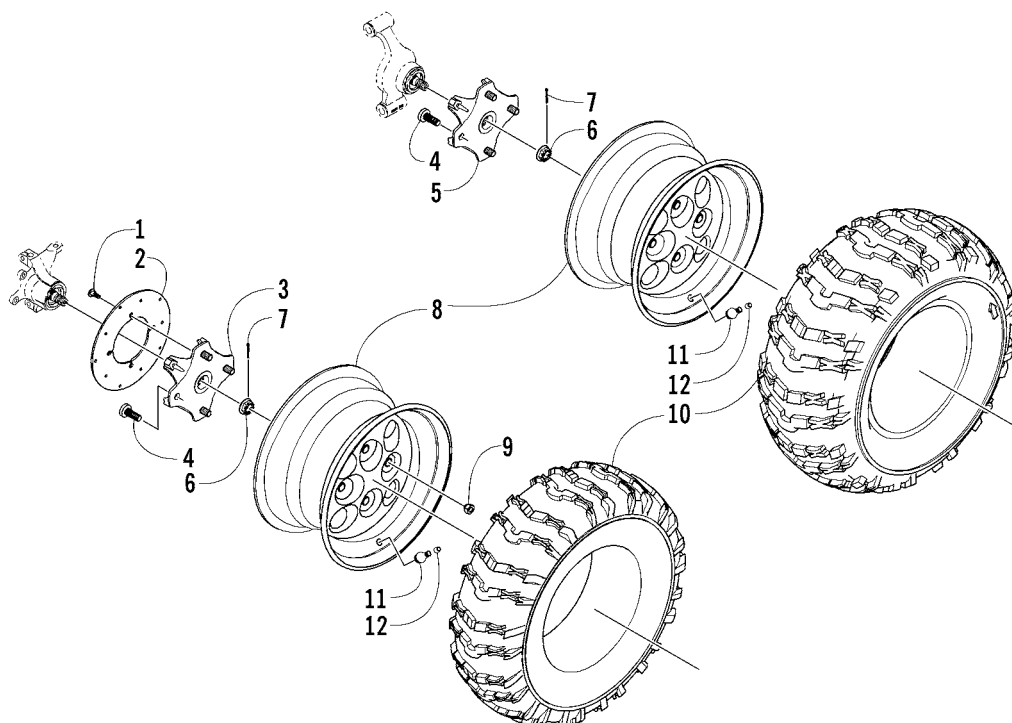
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1603-889	2	Retainer, Spring	15	0403-115	8	● Bushing
2	0403-137	2	Shock Absorber - Front (inc. 3-4)	16	0403-114	4	● Collar
3	0604-310	8	● Bushing, Shock Absorber	17	<u>0505-460</u>	1	Knuckle - Assembly - Right (inc. 18-20)
4	0403-028	4	● Sleeve, Shock		<u>0505-461</u>	1	Knuckle - Assembly - Left (inc. 18-20)
5	0403-102	2	Cam, Spring Adjuster	18	*	1	● Knuckle, Steering - Right
6	<u>0503-318</u>	2	Spring, Shock Absorber - Platinum		*	1	● Knuckle, Steering - Left
	<u>0503-317</u>	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	<u>0502-812</u>	2	Axle - Front (inc. 25-26)
	0503-197	1	A-Arm, Upper Left - Black (inc. 10-13) (Green)	25	0441-400	2	● Clip, Retaining
10	0403-081	4	● Bushing	26	0436-276	2	● Repair Kit, Boot - Front
11	0403-080	2	● Collar	27	0441-752	1	Guard, Boot - Right
12	0423-009	4	● Clip, Ball Joint		0441-753	1	Guard, Boot - Left
13	0405-115	4	● Ball Joint - Front		1441-002	1	Guard, Boot - Right (Green)
14	0503-268	1	A-Arm, Lower Right - Platinum (inc. 12-13 and 15-16)		1441-003	1	Guard, Boot - Left (Green)
	0503-269	1	A-Arm, Lower Left - Platinum (inc. 12-13 and 15-16)		0441-756	1	Guard, Boot - Right (Cat Green)
	0503-220	1	A-Arm, Lower Right - Black (inc. 12-13 and 15-16) (Green)		0441-757	1	Guard, Boot - 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

0740-933

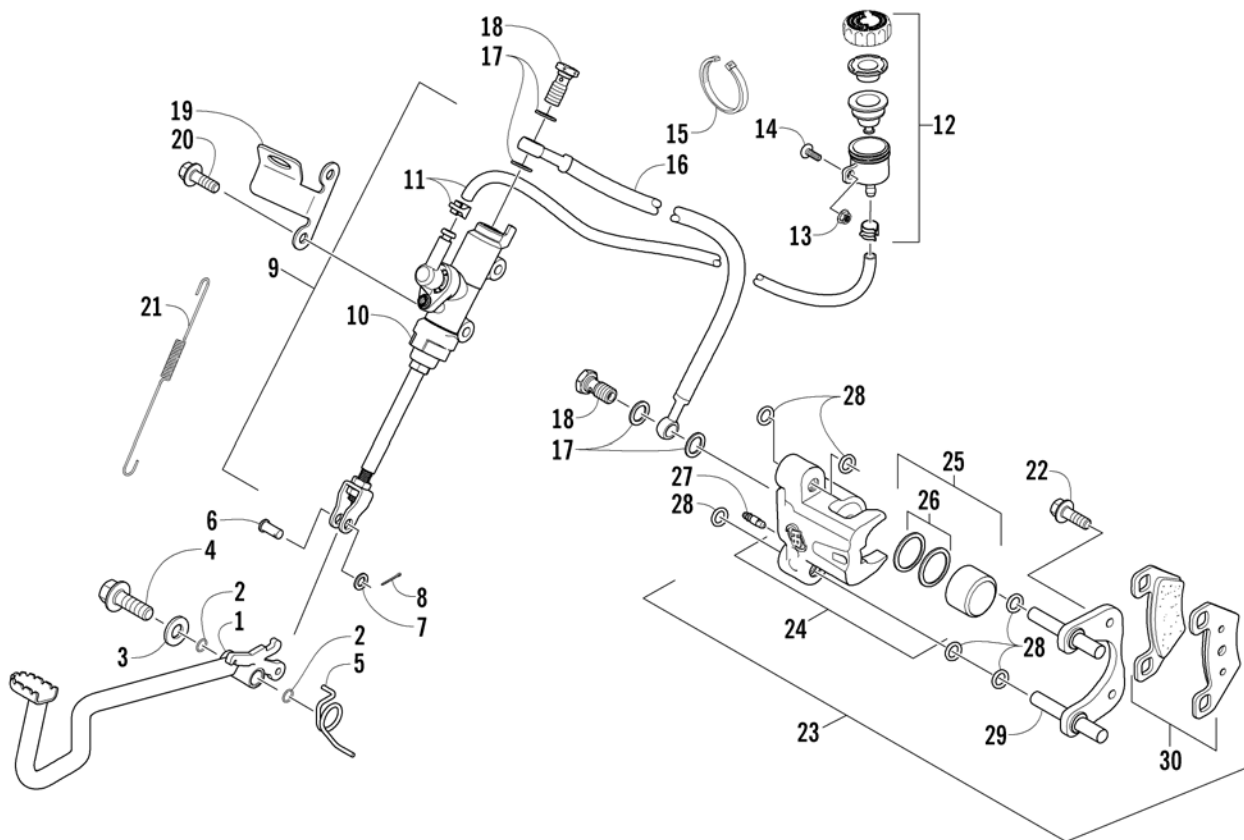
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-372	1	Knuckle, Right Rear - Assembly (inc. 2-5)	12	0441-754	1	Guard, Boot - Right
	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-5)		0441-755	1	Guard, Boot - Left
2	1402-027	2	● Bearing, Wheel Hub		1441-004	1	Guard, Boot - Right (Green)
3	0423-423	2	● Ring, Retaining		1441-005	1	Guard, Boot - Left (Green)
4	0403-038	4	● Collar, Suspension Bushing		0441-758	1	Guard, Boot - Right (Cat Green)
5	0403-032	8	● Bushing, Suspension		0441-759	1	Guard, Boot - Left (Cat Green)
6	0504-326	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)	13	0423-101	6	Screw, Body
	0504-327	1	A-Arm, Rear - Lower Left - Platinum (inc. 7-8)	14	1406-071	1	Guard, Boot - Right
	0504-320	1	A-Arm, Rear - Lower Right - Black (inc. 7-8) (Green)		1406-072	1	Guard, Boot - Left
	0504-321	1	A-Arm, Rear - Lower Left - Black (inc. 7-8) (Green)	15	<u>0502-811</u>	2	Axle (inc. 16-17)
7	0403-115	16	● Bushing	16	0441-400	2	● Clip, Retaining
8	0403-114	8	● Collar	17	0436-276	2	● Repair Kit, Boot - Rear
9	8428-002	14	Nut, Lock	18	8409-075	8	Screw, Cap
10	8409-000	4	Screw, Cap	19	1603-889	2	Retainer, Spring
11	0504-330	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	20	<u>0404-127</u>	2	Spring, Suspension - Platinum
	0504-331	1	A-Arm, Rear - Upper Left - Platinum (inc. 7-8)		<u>0404-126</u>	2	Spring, Suspension - Black (Green)
	0504-318	1	A-Arm, Rear - Upper Right - Black (inc. 7-8) (Green)	21	0404-099	2	Shock Absorber - Rear (inc. 22-23)
	0504-319	1	A-Arm, Rear - Upper Left - Black (inc. 7-8) (Green)	22	0604-310	8	● Bushing, Shock Absorber
				23	0403-028	2	● Sleeve, Shock Absorber
				24	0404-057	2	Cam, Spring Adjuster
				25	8409-050	2	Screw, Cap
				26	0423-087	2	Washer
				27	8408-820	2	Screw, Cap
				28	<u>0441-875</u>	1	Wrench, Spanner



WHEEL AND TIRE ASSEMBLY

0740-358

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	9	0423-408	16	Nut, Mounting - Wheel
2	1402-225	3	Disc, Brake	10	1402-100	2	Tire - Front
3	0502-599	2	Hub, Wheel - Front (inc. 4)		1402-137	2	Tire - Rear
4	0402-974	16	● Stud, Wheel Hub	11	0402-064	4	Stem, Valve (inc. 12)
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)	12	0402-140	4	● Cap, Valve Stem
	0502-599	1	Hub, Wheel - Rear - Right (inc. 4)				
6	0423-607	4	Nut, Castle Flange				
7	0423-407	4	Pin, Cotter				
8	1402-127	2	Wheel - Front - Platinum				
	1402-115	2	Wheel - Rear - Platinum				
	0402-856	2	Wheel - Front - Gray (Green)				
	0402-858	2	Wheel - Rear - Gray (Green)				

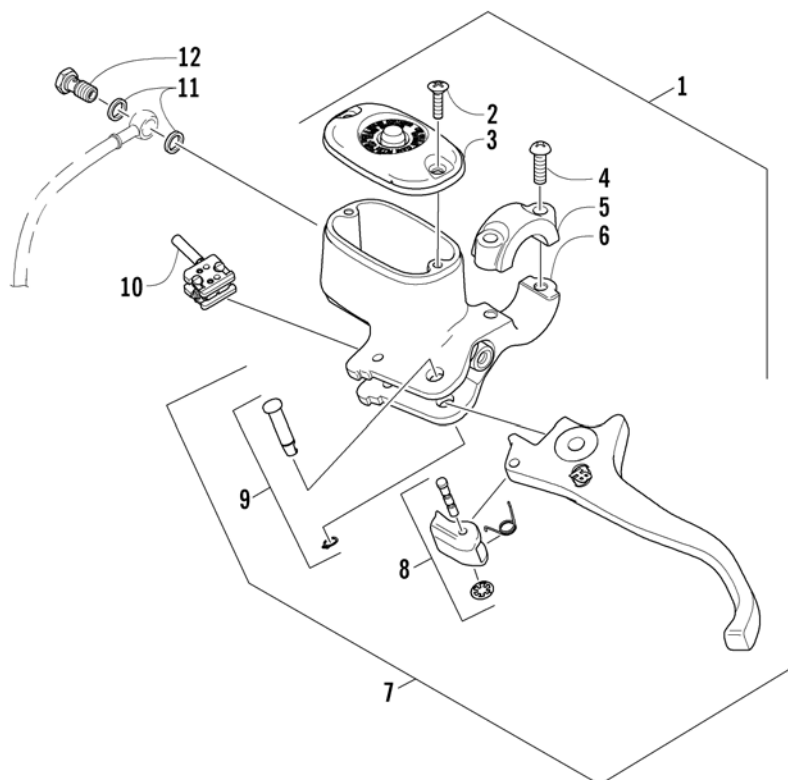


AUXILIARY BRAKE ASSEMBLY

(Fully Bled Master Cylinder Replacement Kit p/n 0502-939)

0740-359 *Not a Service Part

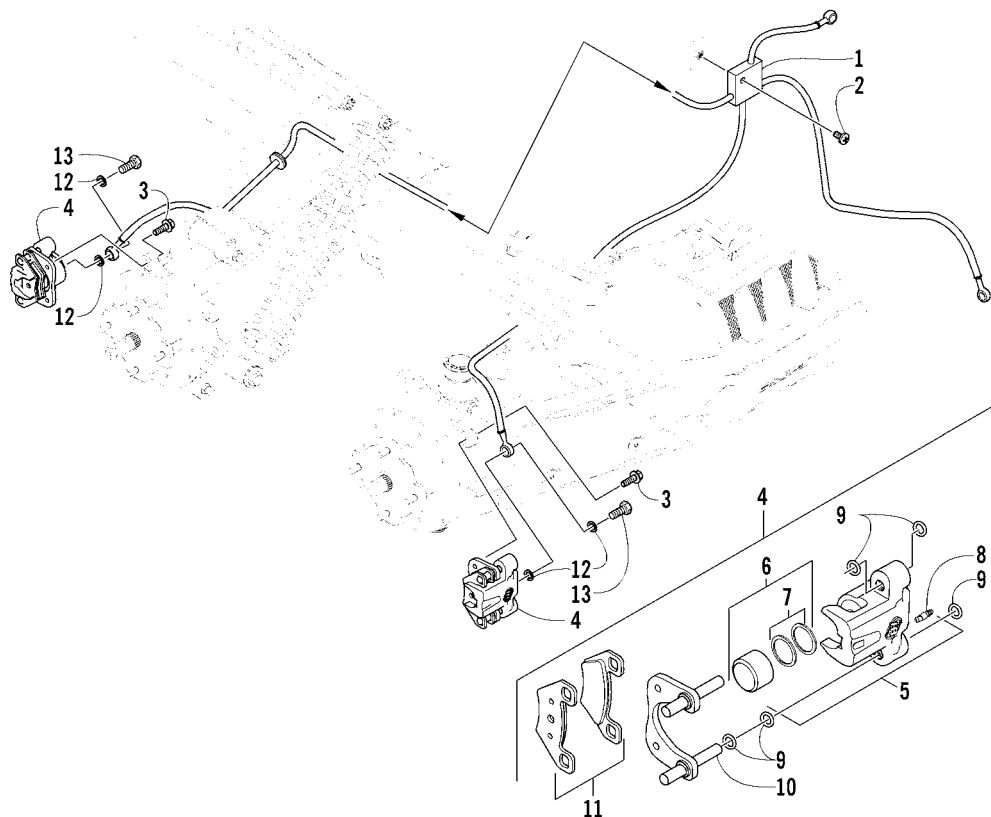
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-805</u>	1	Lever, Brake	17	0423-178	4	Washer, Crush
2	1602-213	2	O-Ring	18	0423-413	2	Bolt, Banjo Fitting
3	8050-252	1	Washer	19	<u>0502-840</u>	1	Bracket, Switch
4	8408-816	1	Screw, Cap	20	8408-625	2	Screw, Cap
5	<u>0502-807</u>	1	Spring, Brake Lever	21	<u>0502-785</u>	1	Spring, Brake Switch
6	1402-377	1	Pin, Clevis	22	8408-820	2	Screw, Cap
7	8050-217	1	Washer	23	0502-602	1	Caliper, Brake (inc. 24-30)
8	0402-584	1	Pin, Cotter	24	0502-603	1	● Housing, Caliper - Assembly - Right Front (inc. 25-27)
9	<u>0502-881</u>	1	Brake Assembly (inc. 10-12)	25	0502-606	1	● ● Piston/Seal Set (inc. 26)
10	*	1	● Master Cylinder	26	0502-607	1	● ● ● Seal Set
11	<u>0502-880</u>	1	● Hose, Brake Reservoir	27	0502-609	1	● ● Valve, Bleed
12	<u>0502-877</u>	1	● Reservoir, Brake	28	0502-608	1	● O-Ring, Guide - Set
13	0623-038	1	Nut, Flanged	29	0502-605	1	● Bracket Assembly
14	8476-616	1	Screw, Machine	30	<u>0502-875</u>	1	● Pad, Brake - Set
15	0123-788	1	Cable Tie - 7.5 in.				
16	<u>1402-417</u>	1	Hose, Brake				



HYDRAULIC HAND BRAKE ASSEMBLY

0739-479

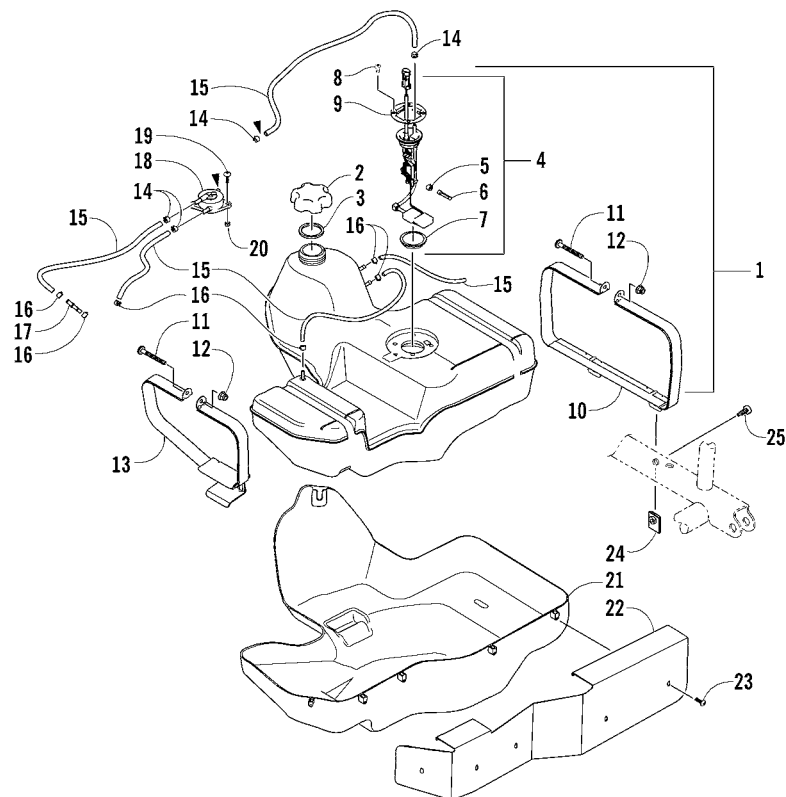
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-914</u>	1	Brake Assembly (inc. 2-10)	7	<u>0502-866</u>	1	● Lever Assembly - Kit (inc. 8-9)
2	0502-566	1	● Screw, Reservoir Cover - Kit	8	<u>0502-867</u>	1	●● Lock, Brake Lever - Kit
3	<u>0502-868</u>	1	● Cover, Reservoir - Kit	9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



HYDRAULIC BRAKE ASSEMBLY

0740-935

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-628</u>	1	Hose, Brake - Assembly	6	0502-606	3	●● Piston/Seal Set (inc. 7)
2	8476-625	1	Screw, Cap	7	0502-607	3	●●● Seal Set
3	8408-820	6	Screw, Cap	8	0502-609	3	●● Valve, Bleed
4	0502-602	1	Caliper, Brake - Right Front (inc. 5-11)	9	0502-608	3	● O-Ring, Guide - Set
	0502-610	2	Caliper, Brake - Left Front and Right Rear (inc. 5-11)	10	0502-605	3	● Bracket Assembly
5	0502-603	1	● Housing, Caliper - Assembly - Right Front (inc. 6-8)	11	<u>0502-875</u>	3	● Pad, Brake - Set
	0502-611	2	● Housing, Caliper - Assembly - Left Front and Right Rear (inc. 6-8)	12	0423-178	6	Washer, Crush
				13	0423-413	3	Bolt, Banjo Fitting

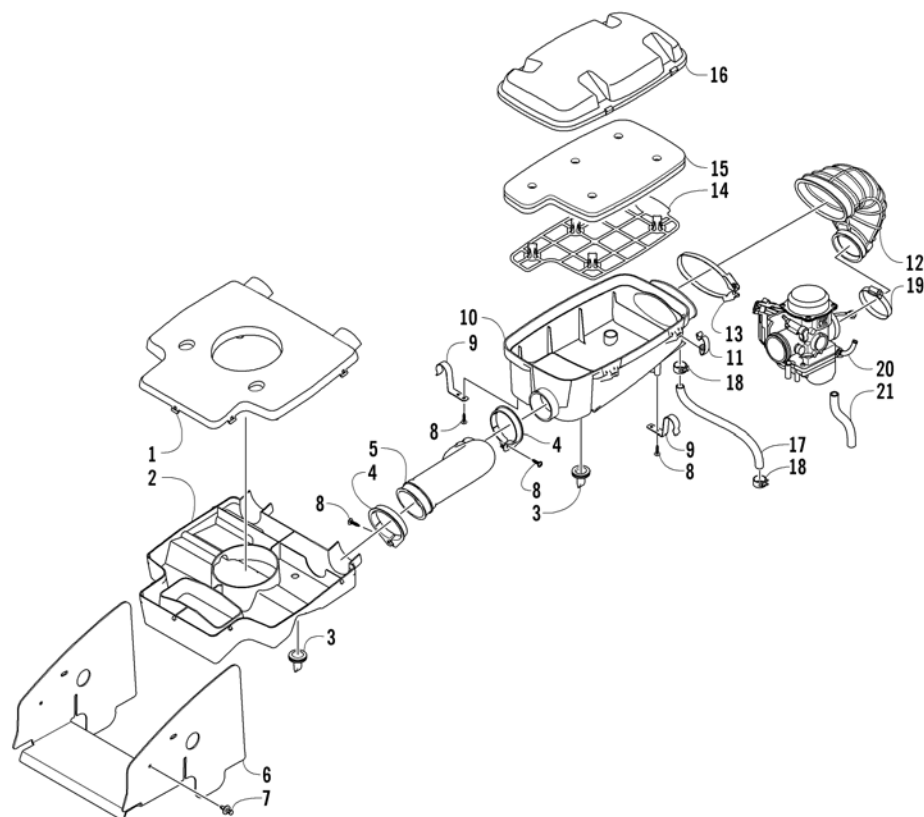


GAS TANK ASSEMBLY

0740-936

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0570-111</u>	1	Tank, Gas - Assembly (inc. 2-13)	14	0423-461	4	Clamp, Hose
2	0470-438	1	● Cap, Gas Tank (inc. 3)	15	0410-070	AR	Hose, Gasline - 25 ft
3	0109-733	1	●● Gasket, Gas Tank Cap	16	1623-233	6	Clamp, Hose
4	0570-114	1	● Sensor, Fuel Level (inc. 5-7)	17	0470-527	1	Fitting, Straight
5	0423-603	1	●● Clamp, Hose	18	0470-519	1	Pump, Fuel
6	0470-475	1	●● Filter, Fuel	19	8476-620	2	Screw, Machine
7	0470-521	1	●● Seal, Fuel Level Sensor	20	0623-038	2	Nut, Lock
8	1623-158	4	● Screw, Self-Tapping	21	0470-479	1	Shield, Heat
9	<u>0470-567</u>	1	● Plate, Mounting - Fuel Level Sensor	22	0470-474	1	Shield, Heat
10	<u>0570-131</u>	1	● Strap, Gas Tank Mounting	23	0623-797	5	Screw, Self-Tapping
11	8476-650	2	● Screw, Machine	24	<u>0470-536</u>	2	Clip, Gas Tank Mounting
12	8427-602	2	● Nut	25	0423-609	2	Screw, Gas Tank Mounting
13	<u>0570-132</u>	1	● Strap, Gas Tank Mounting				

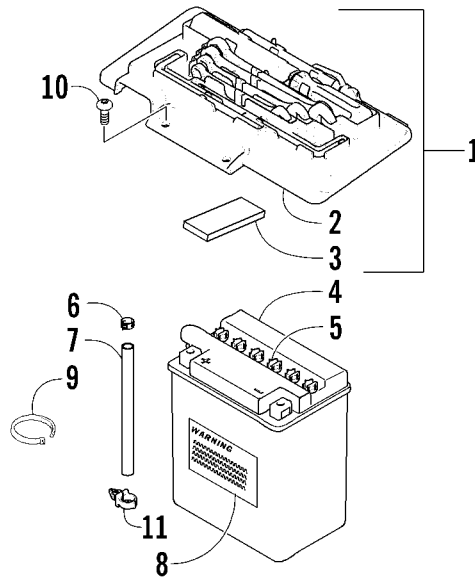
16



AIR INTAKE ASSEMBLY

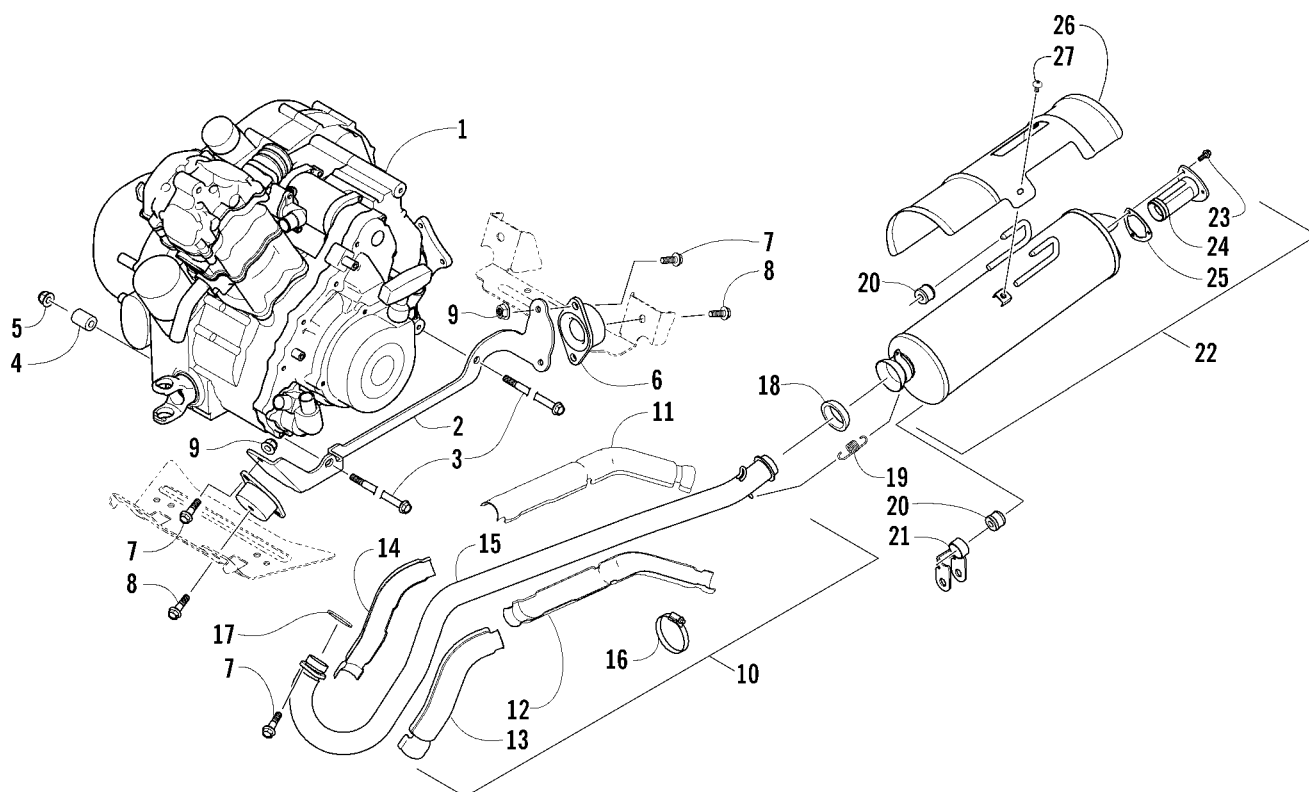
0740-791

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	0470-494	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

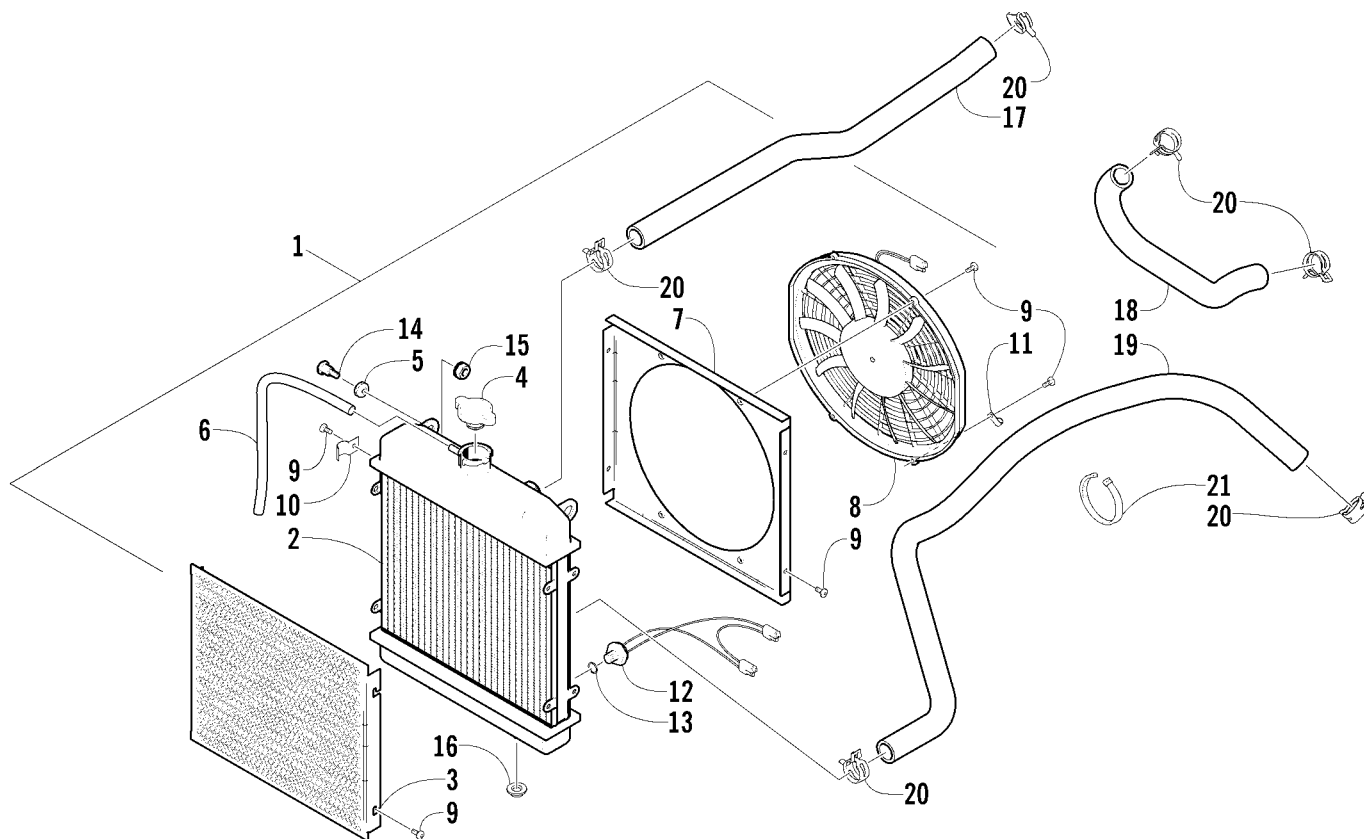
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5990-839	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	6	0645-152	1	● Clamp, Hose
2	1406-507	1	● Cover, Battery	7	0645-263	1	● Hose, Battery Vent
3	0406-288	2	● Pad, Battery	8	0645-151	1	● Label, Warning - Battery
*	0444-122	1	Kit, Tool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



ENGINE AND EXHAUST

0740-958

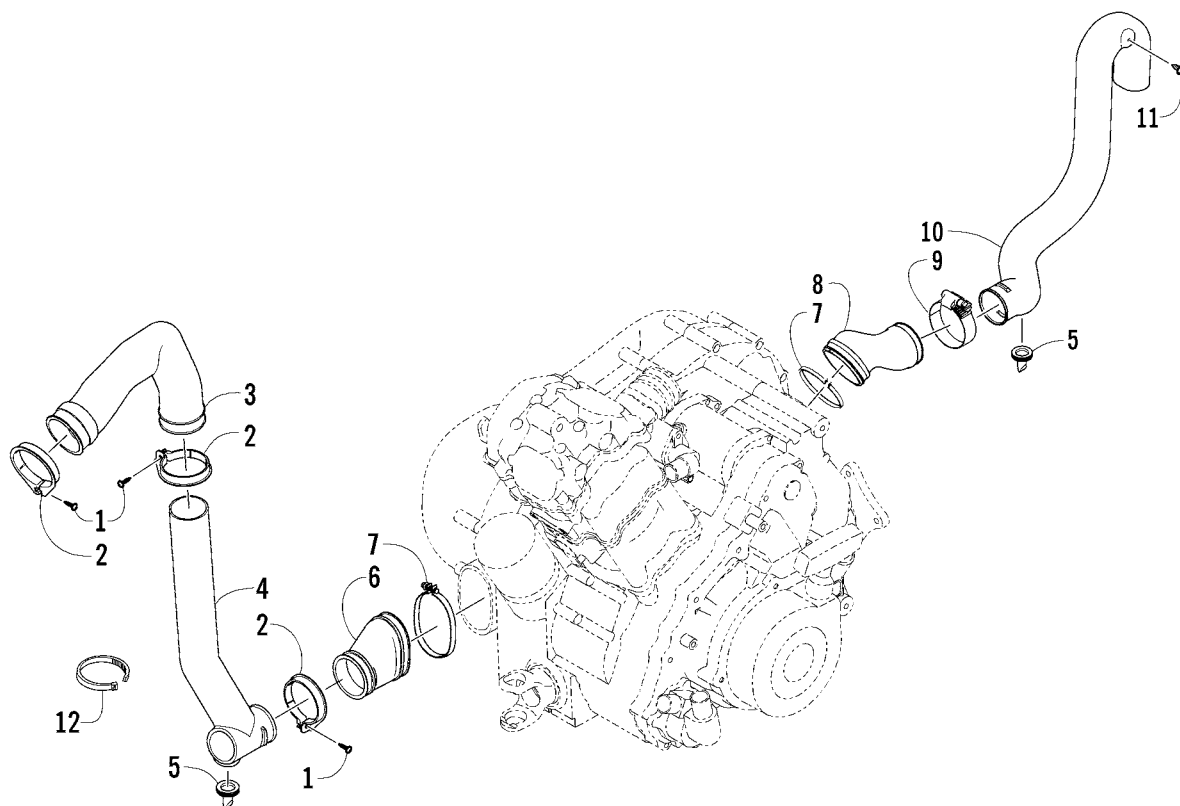
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0462-029	1	Engine	14	0412-348	1	● Shield, Exhaust Pipe
2	1506-740	1	Bracket, Engine Mounting - Right	15	0512-278	1	● Pipe, Exhaust
3	1506-741	1	Bracket, Engine Mounting - Left	16	0423-317	4	● Hose Clamp
4	0423-405	2	Screw, Cap	17	0412-007	1	Seal, Exhaust
5	0423-042	2	Spacer	18	0412-256	1	Seal, Exhaust
6	8428-002	2	Nut, Lock	19	0612-668	2	Spring, Extension
7	2406-065	4	Mount, Rubber - Engine	20	0412-215	3	Bushing, Exhaust Pipe
8	8408-820	10	Screw, Cap	21	1506-732	1	Channel, Muffler Support
9	8408-012	4	Screw, Cap	22	0512-306	1	Muffler - Assembly (inc. 23-25)
10	8432-802	8	Nut	23	8408-616	3	● Screw, Cap
11	0512-276	1	Pipe, Exhaust - Assembly (inc. 11-16)	24	0512-219	1	● Arrestor, Spark - Assembly
12	0412-355	1	● Shield, Exhaust Pipe	25	0412-313	1	● Gasket, Spark Arrestor
13	0412-354	1	● Shield, Exhaust Pipe	26	0412-373	1	Cover, Muffler
	0412-349	1	● Shield, Exhaust Pipe	27	8477-610	3	Screw, Machine



COOLING ASSEMBLY

0740-446

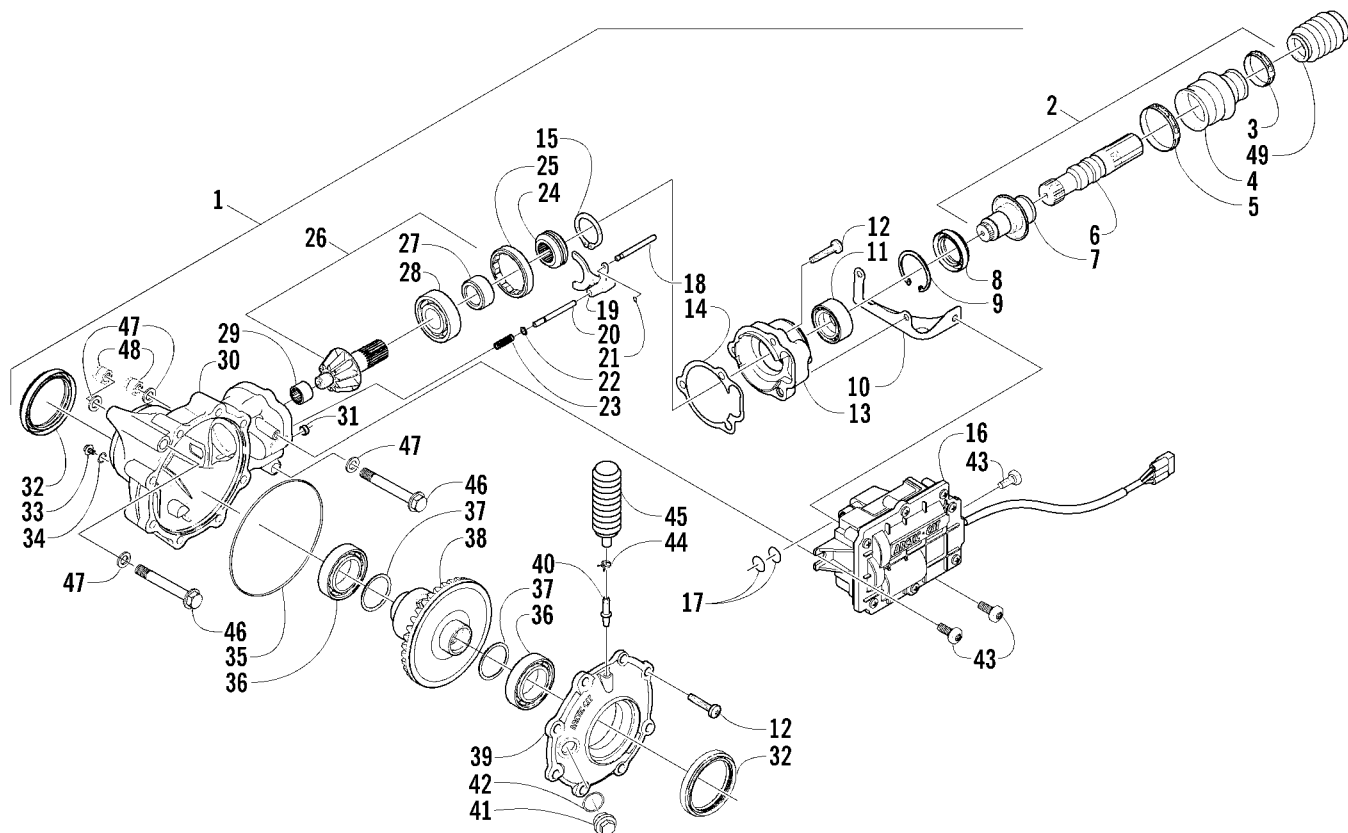
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-117	1	Radiator Assembly (inc. 2-13)	12	0413-045	1	● Sender, Temperature - Coolant
2	0413-043	1	● Radiator	13	0423-390	1	● O-Ring
3	0413-007	1	● Screen, Radiator	14	0423-484	2	Screw, Shoulder
4	0413-002	1	● Cap, Radiator	15	0623-038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



CASE/BELT COOLING ASSEMBLY

0740-881

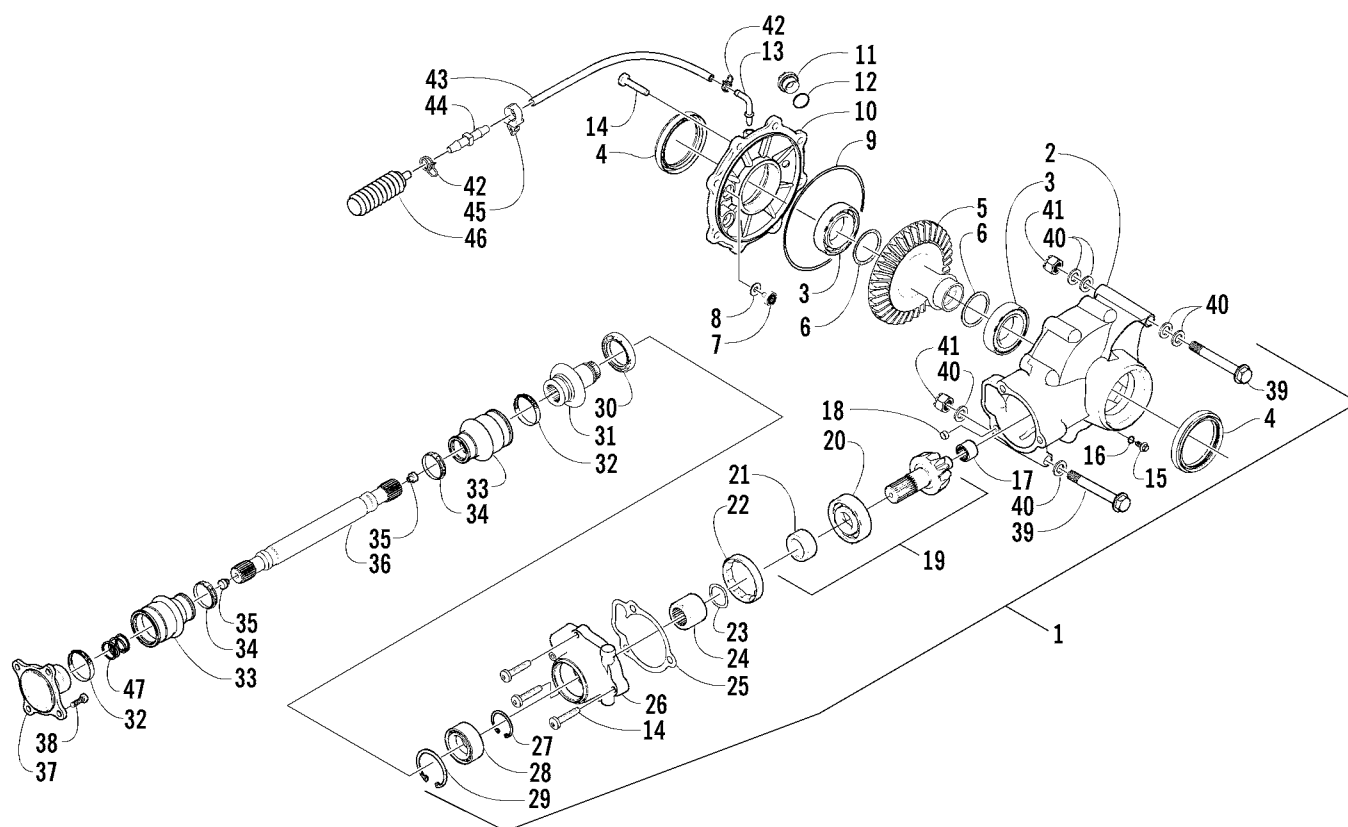
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-342	3	Screw, Self-Tapping	7	3402-449	2	Clamp, Boot
2	0423-551	3	Clamp, Boot	8	0413-055	1	Boot, Duct - Rear
3	0413-092	1	Boot, Air-In	9	0423-380	1	Clamp, Duct
4	0513-010	1	Duct, Belt Cooling - Front	10	0413-106	1	Duct, Belt Cooling - Rear
5	0470-442	2	Valve, Drain	11	0623-301	1	Screw, Self-Tapping
6	0413-049	1	Boot, Duct - Front	12	0123-903	1	Cable Tie - 11.5 in.



FRONT DRIVE GEARCASE ASSEMBLY

0740-941

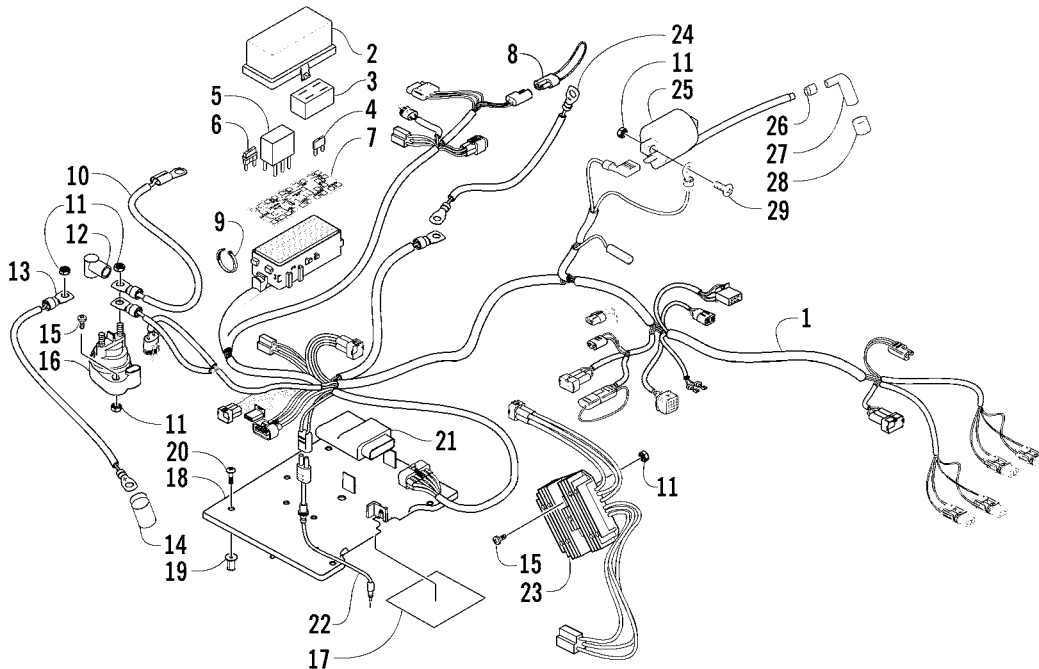
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-816	1	Gearcase, Front Drive - Assembly (inc. 2-43)	27	0402-336	1	●● Collar, Retaining
2	0502-385	1	● Shaft, Propeller - Assembly (inc. 3-7)	28	0402-327	1	●● Bearing
3	0423-411	1	●● Clamp, Boot	29	0402-328	1	● Bearing
4	0402-985	1	●● Boot, Propeller Shaft	30	0502-120	1	● Housing, Gearcase
5	0423-393	1	●● Clamp, Boot	31	0402-411	1	● Pin, Dowel
6	1402-045	1	●● Shaft, Output	32	0402-394	2	● Seal
7	0502-407	1	●● Shaft, Input	33	0402-450	1	● Plug, Magnetic (inc. 34)
8	1402-011	1	● Seal	34	0423-153	1	●● O-Ring
9	0423-423	1	● Ring, Retaining	35	0423-149	1	● O-Ring
10	0502-347	1	● Bracket, Actuator	36	0402-393	2	● Bearing
11	1402-043	1	● Bearing	37	0402-405	AR	● Shim
12	0423-118	11	● Screw, Self-Tapping		0402-406	AR	● Shim
13	0502-528	1	● Housing, Pinion		0402-407	AR	● Shim
14	0402-947	1	● Gasket, Flange		0402-408	AR	● Shim
15	0423-417	1	● Ring, Retaining		0402-409	AR	● Shim
16	0502-296	1	● Actuator (inc. one No. 17)	38	0502-779	1	● Gear, Ring - 36T
17	0423-498	2	●● O-Ring	39	0502-121	1	● Cover, Gearcase
18	0402-997	1	● Shaft, Selector	40	1402-104	1	● Fitting
19	0402-998	1	● Fork, Selector	41	0402-333	1	● Plug, Fill (inc. 42)
20	0402-417	1	● Shaft, Shuttle	42	0423-154	1	●● O-Ring
21	0423-402	1	● Ring, Retaining	43	0423-396	3	● Screw, Self-Tapping
22	0423-147	1	● O-Ring	44	0423-315	1	Clamp, Fitting
23	0402-999	1	● Spring, Return	45	0402-147	1	Bladder, Gearcase
24	0402-413	1	● Coupler, Drive	46	0423-404	2	Screw, Cap
25	0402-357	1	● Collar, Lock	47	0423-426	4	Washer
26	0502-783	1	● Gear, Pinion - Assembly - 10T (inc. 27-28)	48	8428-002	2	Nut, Lock
				49	0402-966	1	Boot, Shaft



REAR DRIVE GEARCASE ASSEMBLY

0740-972

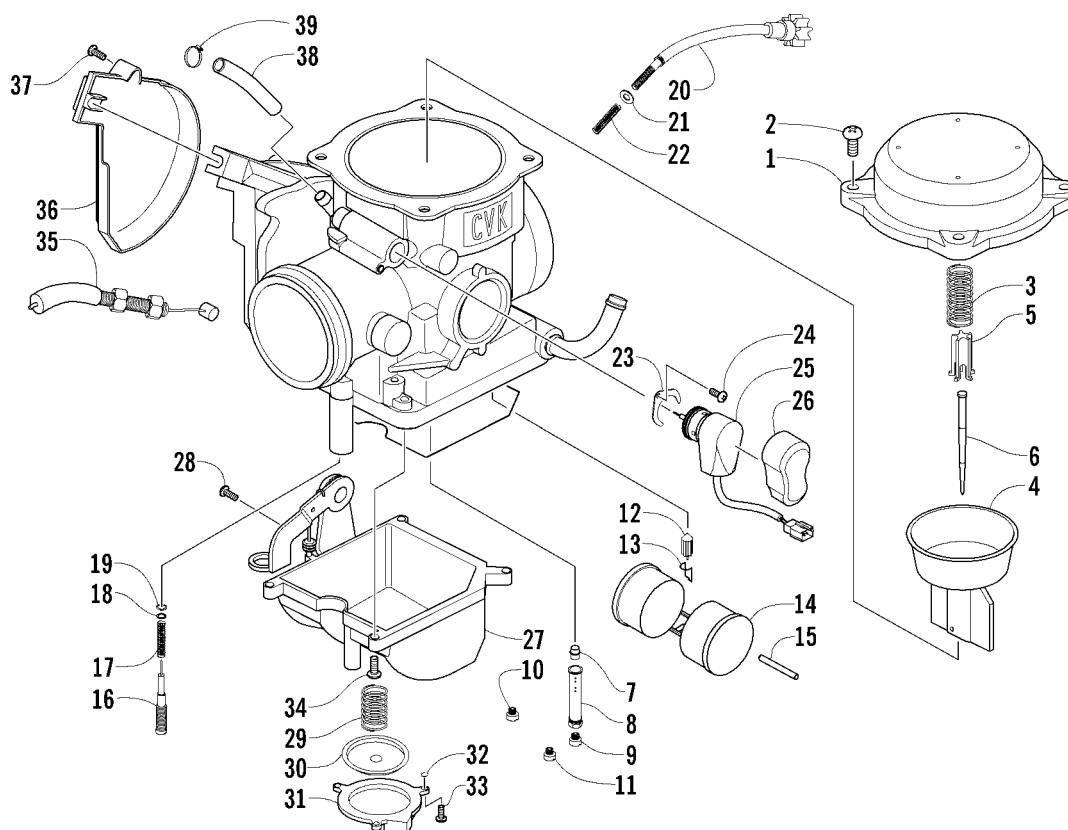
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-820	1	Gearcase, Rear Drive - Assembly (inc. 2-31)	20	0402-327	1	●● Bearing
2	0502-622	1	● Housing, Gearcase	21	0402-336	1	●● Collar, Retaining
3	0402-393	2	●● Bearing	22	0402-331	1	● Collar, Lock
4	0402-394	2	● Seal	23	0402-982	1	● Washer, Wave
5	1402-032	1	● Gear, Ring - 36T	24	0402-981	1	● Collar, Shaft
6	0402-405	AR	● Shim	25	0402-947	1	● Gasket, Flange
	0402-406	AR	● Shim	26	0502-529	1	● Housing, Pinion
	0402-407	AR	● Shim	27	0423-417	1	● Ring, Retaining
	0402-408	AR	● Shim	28	1402-043	1	● Bearing
	0402-409	AR	● Shim	29	0423-423	1	● Ring, Retaining
7	0402-326	1	● Button, Thrust	30	1402-011	1	● Seal
8	0402-429	AR	● Shim	31	0502-407	1	● Shaft, Input
	0402-430	AR	● Shim	32	0423-393	2	Clamp, Boot
	0402-431	AR	● Shim	33	0402-985	2	Boot
	0402-432	AR	● Shim	34	0423-411	2	Clamp, Boot
	0402-433	AR	● Shim	35	0673-618	2	Bumper, Propeller Shaft
9	0423-149	1	● O-Ring	36	1402-092	1	Shaft, Propeller
10	0502-346	1	● Cover, Gearcase	37	0402-950	1	Flange, Output
11	0402-333	1	● Plug, Fill (inc. 12)	38	8408-820	4	Screw, Cap
12	0423-154	1	●● O-Ring	39	0423-404	2	Screw, Cap
13	1402-102	1	● Fitting	40	0423-426	6	Washer
14	0423-118	11	● Screw, Self-Tapping	41	8428-002	2	Nut, Lock
15	0402-450	1	● Plug, Magnetic (inc. 16)	42	0423-315	3	Clamp, Fitting
16	0423-153	1	●● O-Ring	43	0410-049	AR	Hose, Vent
17	0402-328	1	● Bearing	44	0470-462	1	Fitting, Vent
18	0402-411	1	● Pin, Dowel	45	0623-101	1	Clip, Routing - Snap-In
19	0502-783	1	● Gear, Pinion - Assembly - 10T (inc. 20-21)	46	0402-147	1	Bladder, Gearcase
				47	1402-026	1	Spring



WIRING HARNESS ASSEMBLY

0740-942

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0486-192</u>	1	Harness, Main (inc. 2-8 and two No. 9)	15	8476-625	4	Screw, Machine
2	0530-008	1	● Cover, Fuse Block	16	0445-036	1	Relay Assembly - Starter
3	0430-037	1	● Holder, Fuse	17	0412-291	1	Shield, Heat
4	0430-034	3	● Diode	18	1406-600	1	Tray, Electrical
5	0430-033	2	● Relay	19	0123-010	4	Nut, Expansion
6	0430-032	4	● Fuse - 10 Amp	20	0623-121	4	Screw, Machine
	0430-031	3	● Fuse - 15 Amp	21	3530-039	1	CDI Unit
	0430-030	2	● Fuse - 30 Amp	22	<u>0409-072</u>	1	Switch, Brake - Assembly
7	<u>0411-838</u>	1	● Decal, Fuse Block	23	3530-028	1	Regulator, Voltage
8	0486-164	1	● Tether, Accessory Connector	24	0445-045	1	Cable, Battery/Ground
9	0123-788	AR	● Cable Tie - 7.5 in.	25	3530-027	1	Coil, Ignition - Assembly
10	0445-044	1	Cable, Solenoid/Starter	26	3430-009	1	Seal, High Tension Wire
11	0623-038	8	Nut w/Washer	27	3430-007	1	Cap, Spark Plug
12	0645-327	1	Boot, Terminal	28	3430-008	1	Seal, Spark Plug
13	0445-046	1	Cable, Battery/Solenoid	29	8476-620	2	Screw, Machine
14	0645-019	1	Boot, Terminal				

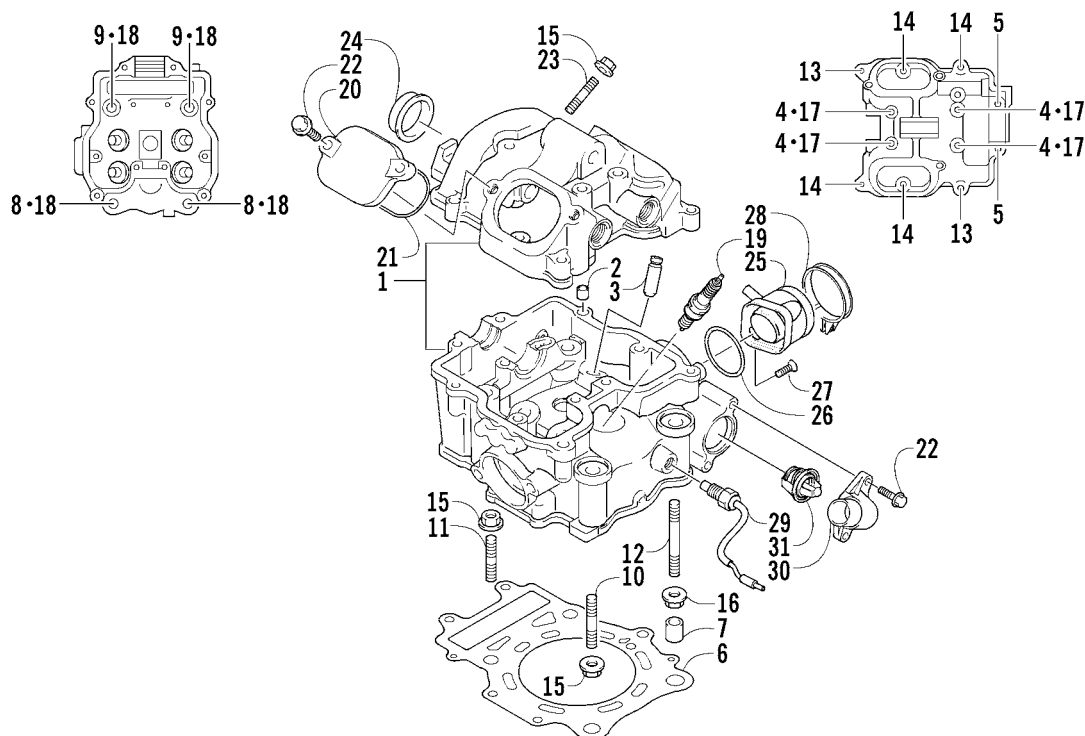


CARBURETOR

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

0740-600 *Not a Service Part **Optional

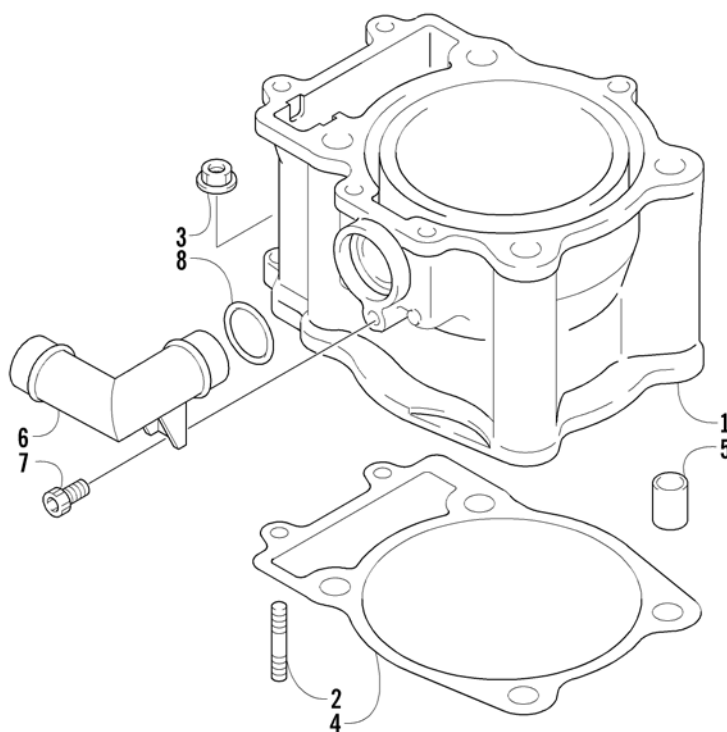
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-001	1	Cover, Top	19	*	1	● O-Ring
2	5507-002	4	Screw, Top Cover	20	5507-027	1	Screw, Idle Adjust
3	5507-173	1	Spring	21	5507-028	1	Washer
4	5507-099	1	Piston, Vacuum	22	5507-029	1	Spring
5	5507-005	1	Seat, Spring	23	5507-115	1	Plate
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. 28-33)
	5507-009	1	Main Jet - 150**	28	5507-050	1	● Screw, Drain
	5507-044	1	Main Jet - 140**	29	5507-032	1	● Spring
	5507-086	1	Main Jet - 148**	30	5507-031	1	● Diaphragm Assembly
10	5507-101	1	Slow Jet - 40	31	*	1	● Housing, Pump
11	5507-112	1	Starter Jet - 85	32	5507-034	1	● U-Ring
12	5507-183	1	Valve, Float - Set (inc. 13)	33	5507-035	3	● Screw
13	*	1	● Clip	34	5507-017	4	Screw
14	5507-039	1	Float Set (inc. 15)	35	0487-021	1	Cable, Throttle
15	*	1	● Pin, Float	36	5507-036	1	Cover
16	5507-111	1	Screw, Pilot Air - Set (inc. 17-19)	37	5507-037	1	Screw
17	*	1	● Spring	38	0410-056	1	Hose, Vent
18	*	1	● Washer	39	0423-317	1	Clamp, Hose



CYLINDER HEAD ASSEMBLY

0739-959 *Not Illustrated

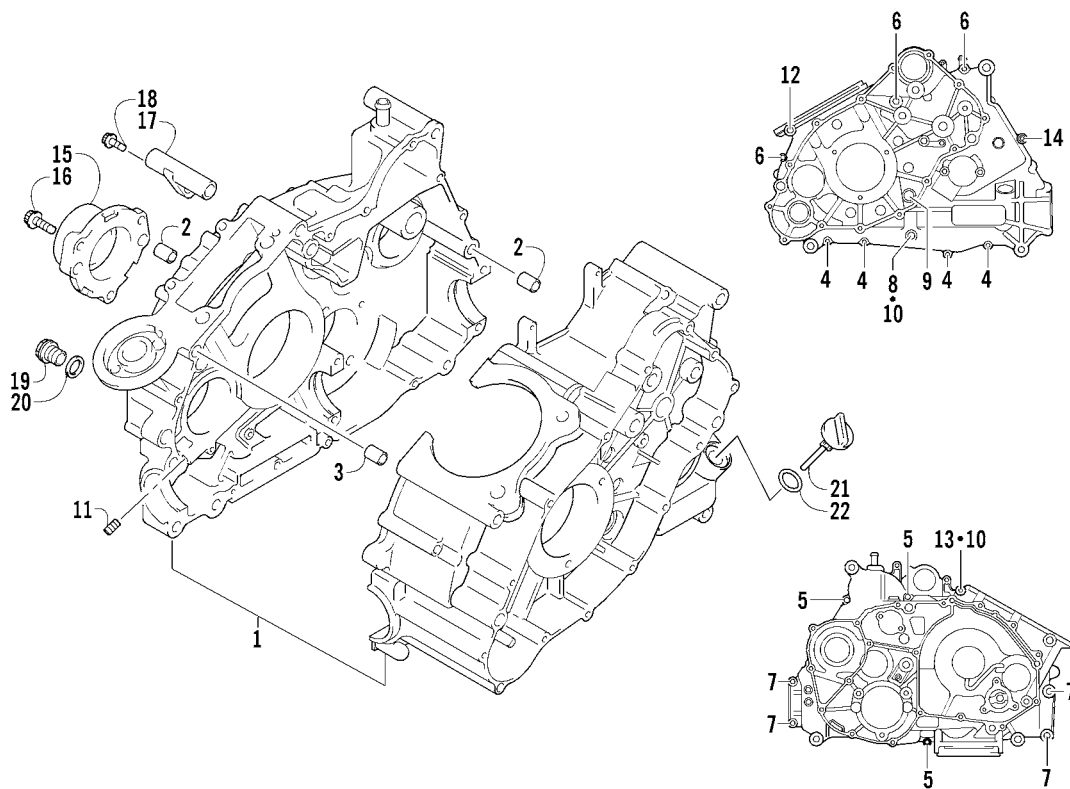
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-098	1	Head, Cylinder - Assembly (inc. 2-5)	17	3003-290	4	Gasket
2	3423-043	2	● Pin, Dowel	18	3402-010	4	Gasket, Head Nut
3	3402-099	4	● Guide, Valve	19	0217-632	1	Spark Plug (NGK CR6E)
4	3423-006	4	● Screw, Cap	20	3402-100	2	Cap, Inspection
5	3008-376	2	● Screw, Cap	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



CYLINDER ASSEMBLY

0732-301

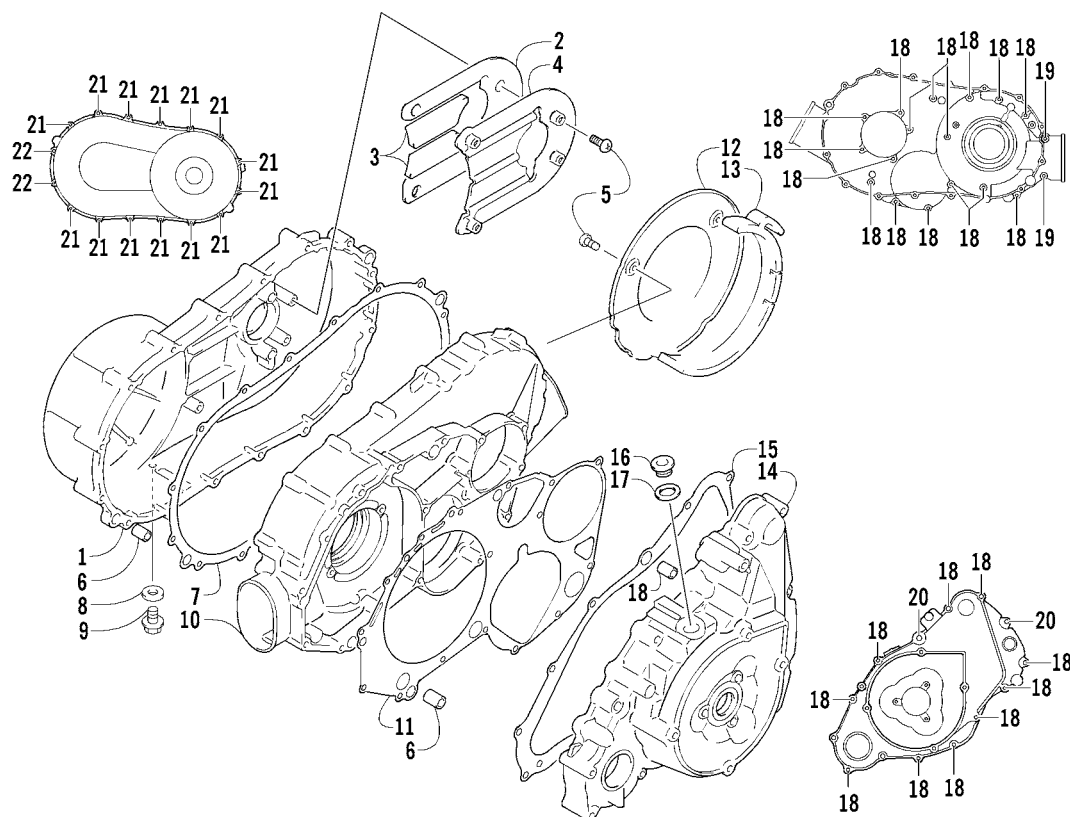
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-707	1	Cylinder	5	3423-088	2	Pin, Dowel
2	3423-384	2	Bolt, Stud	6	3413-013	1	Union, Water Hose
3	3004-488	2	Nut	7	3423-121	1	Screw, Cap
4	3402-365	1	Gasket, Cylinder	8	3423-058	1	O-Ring



CRANKCASE ASSEMBLY

0737-757

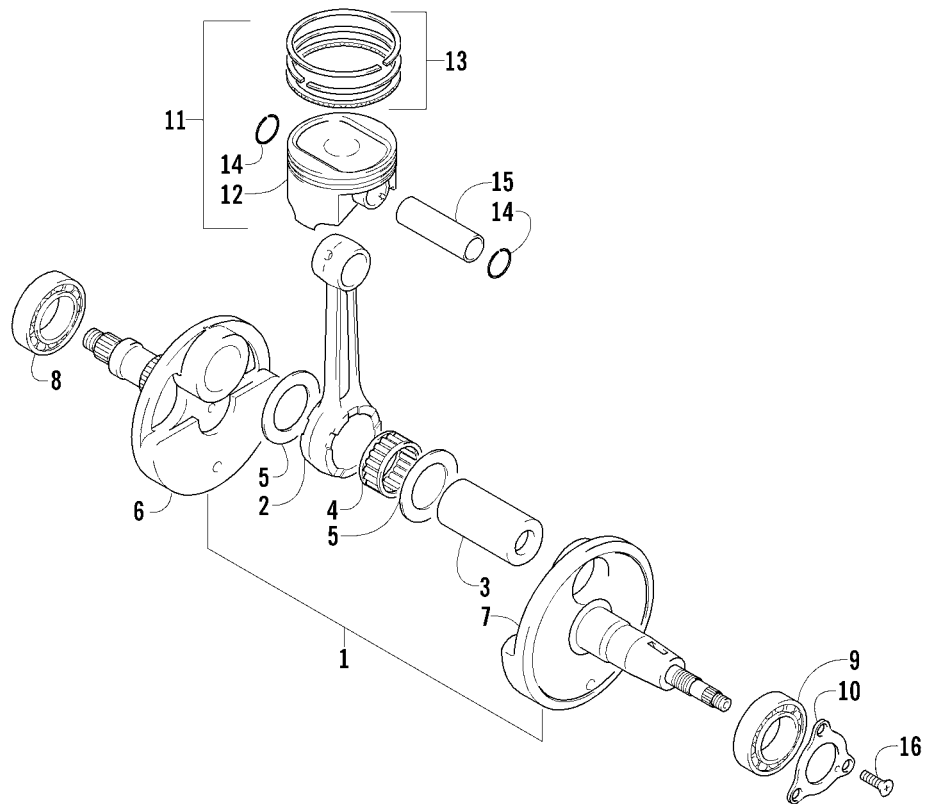
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-708	1	Crankcase Assembly (inc. two No. 2 and 3-14)	12	3423-387	1	● Bolt
2	3423-088	4	● Pin, Dowel	13	3423-388	1	● Bolt
3	3004-822	1	● Pin, Dowel	14	3423-508	1	● Bolt
4	3423-091	4	● Bolt	15	3402-439	1	Housing, Secondary Shaft Bearing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



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0737-759

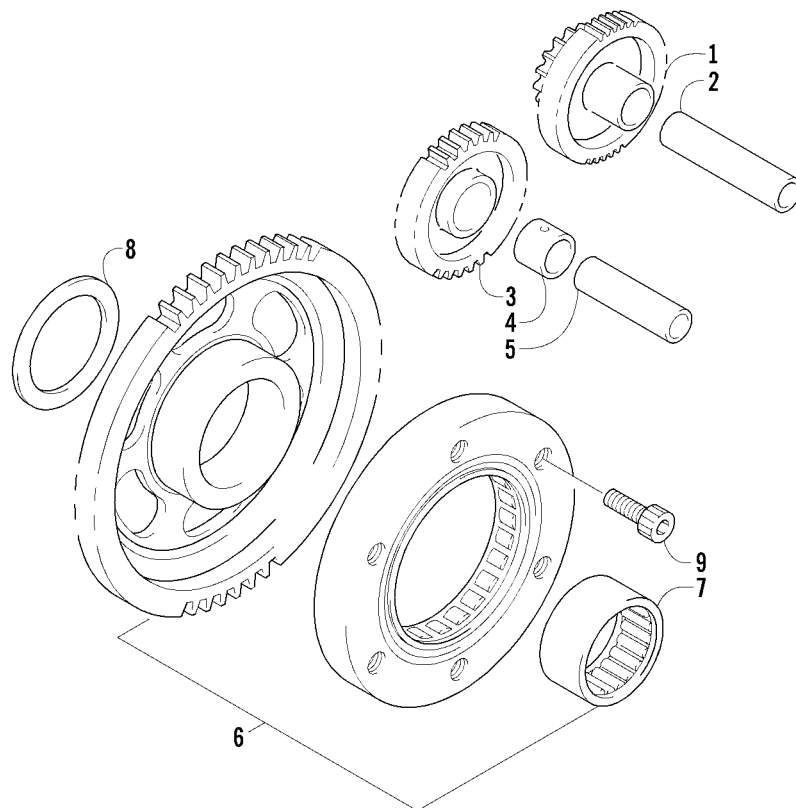
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-710	1	Cover, V-Belt	12	3402-445	1	Plate, Air Intake
2	3402-711	1	Damper, V-Belt Cover	13	3402-699	1	Cushion, Air Intake Plate
3	3402-712	2	Damper, V-Belt Cover	14	3402-714	1	Cover, Magneto
4	3402-713	1	Plate, V-Belt Cover	15	3402-715	1	Gasket, Magneto Cover
5	3423-435	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

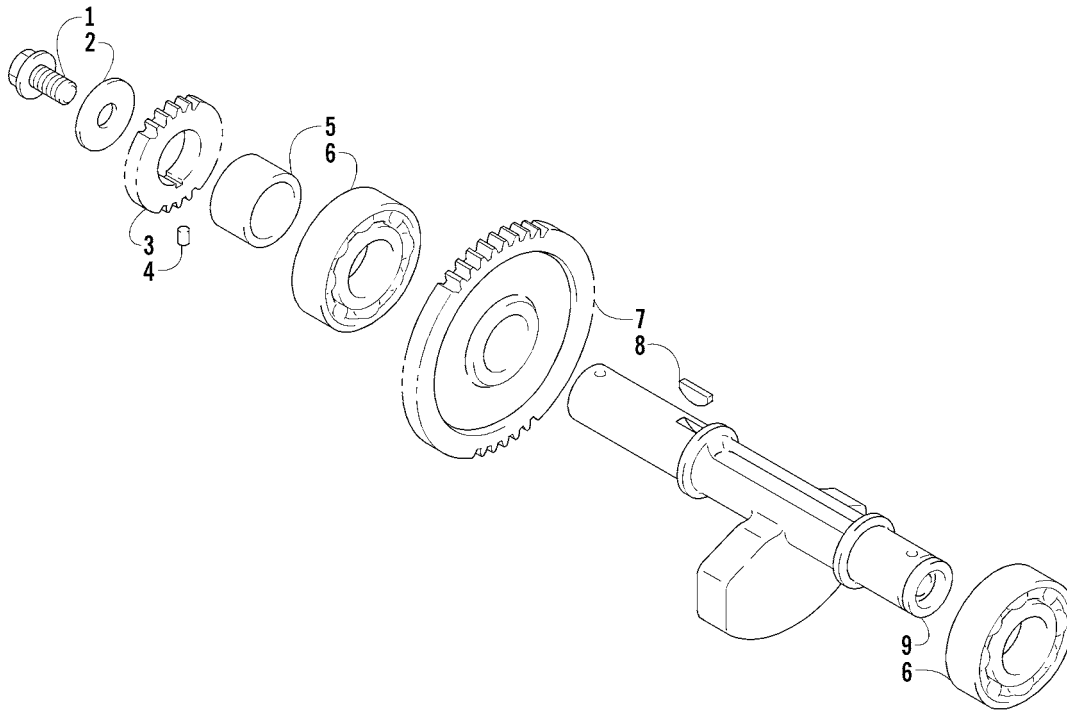
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3403-018	1	Crankshaft Assembly (inc. 2-7)	9	3402-054	1	Bearing - Left
2	3402-376	1	● Rod, Connecting	10	3402-188	1	Retainer, Oil Seal - Left
3	3402-377	1	● Pin, Crank	11	3402-788	1	Piston Set (inc. 12-14)
4	3402-717	1	● Bearing	12	3402-719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



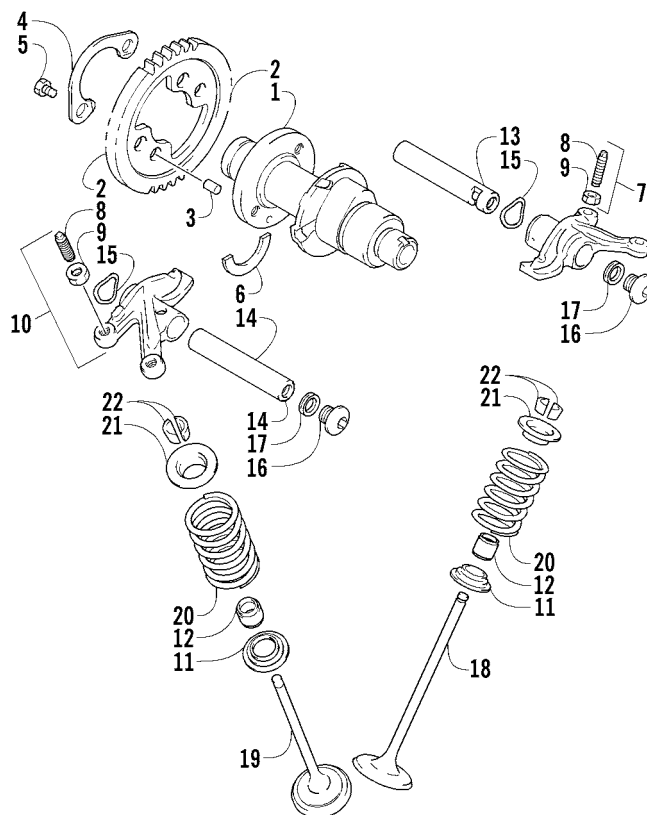
STARTER CLUTCH ASSEMBLY

0735-612

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-813	1	Gear, Starter Idler - No. 1	6	3402-457	1	Clutch, Starter - Set (inc. 7)
2	3423-331	1	Pin	7	3402-063	1	● Bearing
3	3402-349	1	Gear, Starter Idler - No. 2	8	3423-104	1	Washer
4	3423-396	1	Spacer, Starter Idler Gear No. 2	9	3423-509	6	Screw, Cap
5	3423-397	1	Pin				



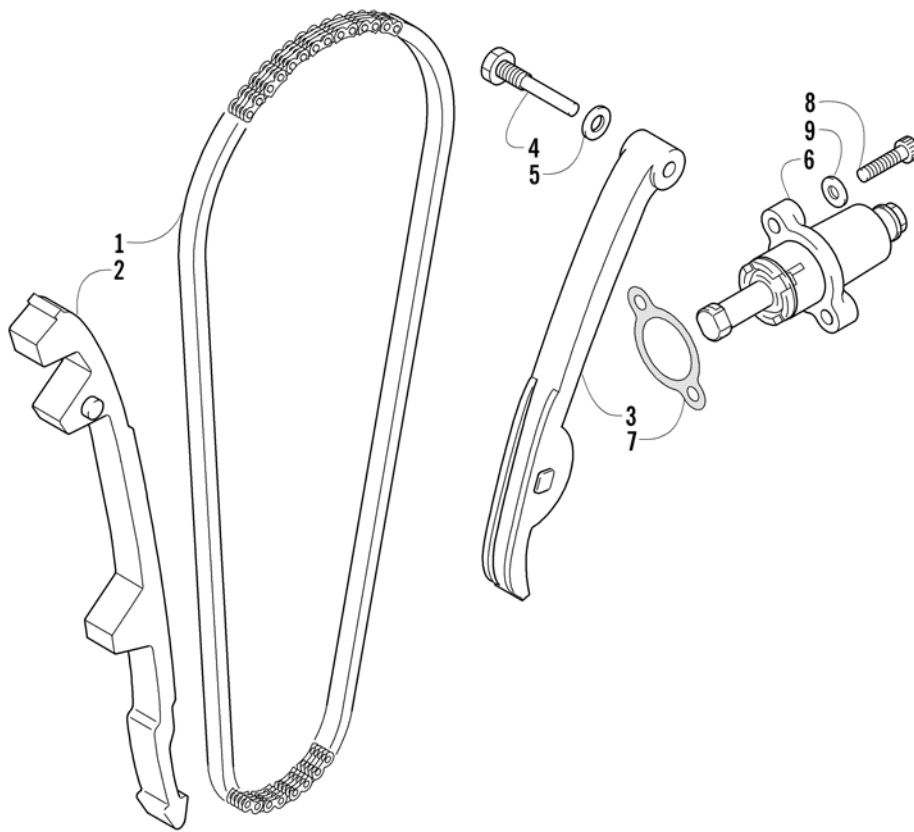
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3423-555	1	Bolt	6	3402-050	2	Bearing
2	3423-401	1	Washer	7	3402-814	1	Gear, Driven
3	3402-390	1	Gear, Oil Pump Drive	8	3004-540	1	Key
4	3423-110	1	Pin	9	3402-458	1	Balancer, Crank
5	3402-461	1	Spacer				



CAMSHAFT/VALVE ASSEMBLY

0737-800

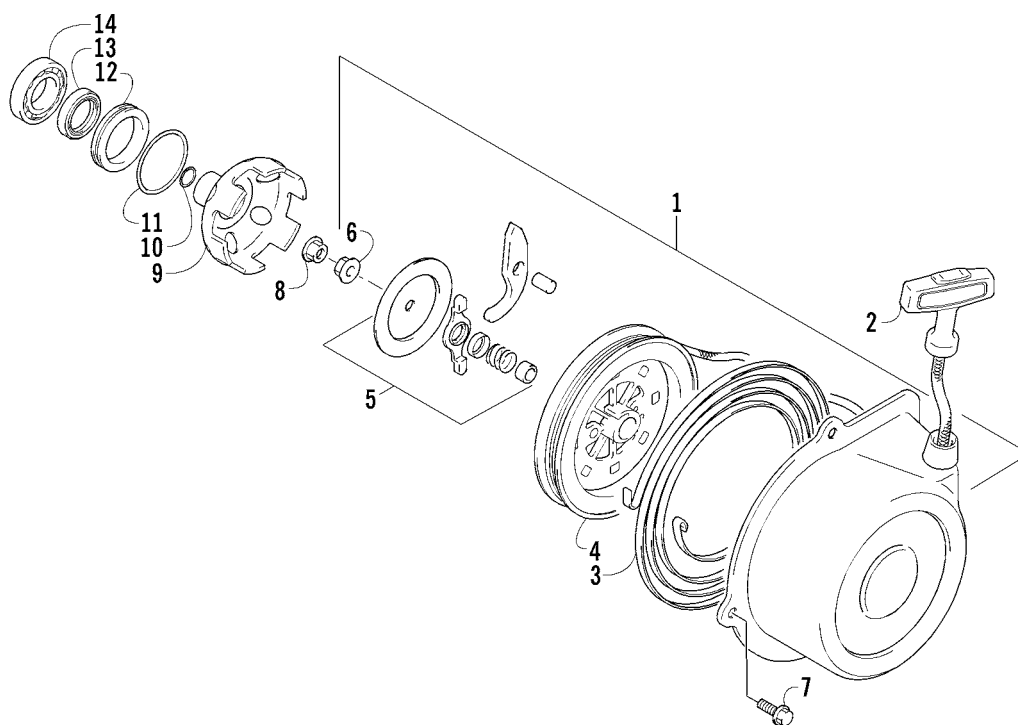
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-723	1	Camshaft	11	3402-148	4	Seat, Spring
2	3402-352	1	Sprocket	12	3402-078	4	Seal, Oil
3	3423-047	1	Pin	13	3402-140	1	Shaft, Rocker Arm
4	3423-073	1	Washer	14	3402-141	1	Shaft, Rocker Arm
5	3423-013	2	Bolt	15	3423-031	2	Washer
6	3423-071	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	● 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	3423-541	4	Retainer, Spring
				22	3402-147	8	Cotter, Valve



CAM CHAIN ASSEMBLY

0732-308

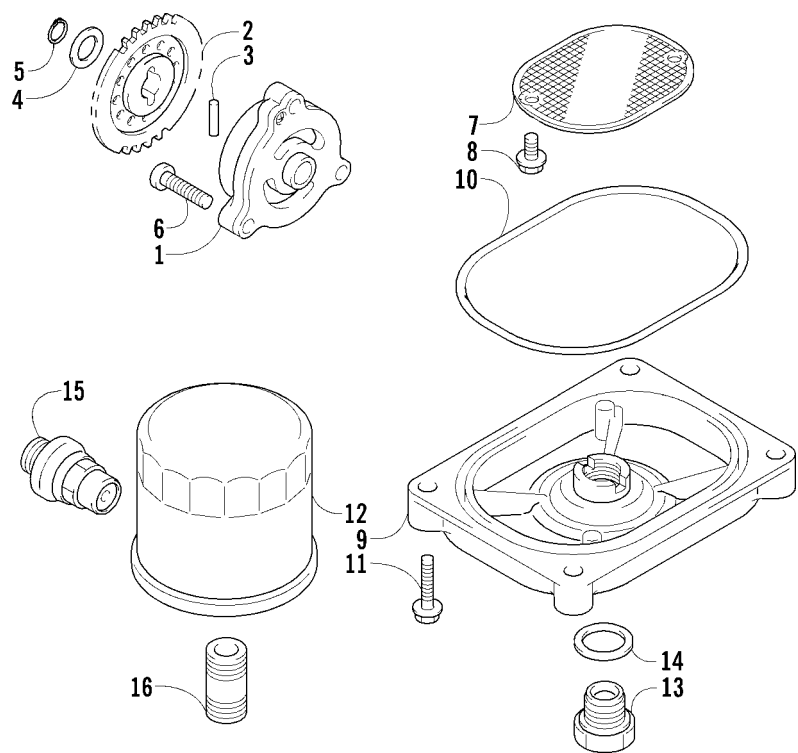
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-353	1	Chain, Cam	6	3402-136	1	Adjuster, Tensioner - Assembly
2	3402-355	1	Guide, Chain	7	3402-137	1	Gasket
3	3402-356	1	Tensioner, Chain	8	3004-475	2	Screw, Cap
4	3423-074	1	Bolt	9	3003-290	2	Gasket
5	3003-188	1	Washer				



RECOIL STARTER ASSEMBLY

0737-764

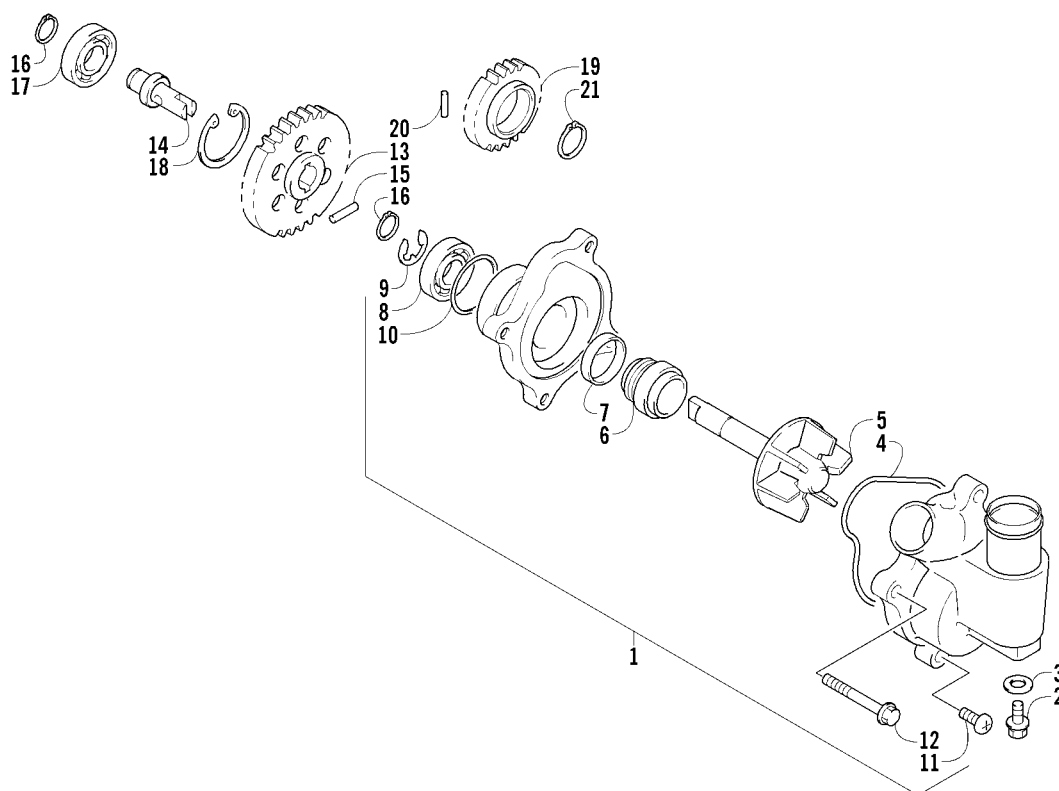
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3445-003	1	Starter, Recoil - Assembly (inc. 2-6)	8	3004-491	1	Nut
2	3445-011	1	● Rope Assembly	9	3445-029	1	Cup, Starter
3	3445-007	1	● Spring, Spiral	10	3423-053	1	O-Ring
4	3445-004	1	● Reel	11	3423-063	1	O-Ring
5	3445-016	1	● Ratchet Assembly	12	3402-119	1	Spacer
6	3004-488	1	● Nut	13	3402-070	1	Seal, Oil
7	3423-428	4	Screw, Cap	14	3402-051	1	Bearing



OIL FILTER/PUMP ASSEMBLY

0737-765

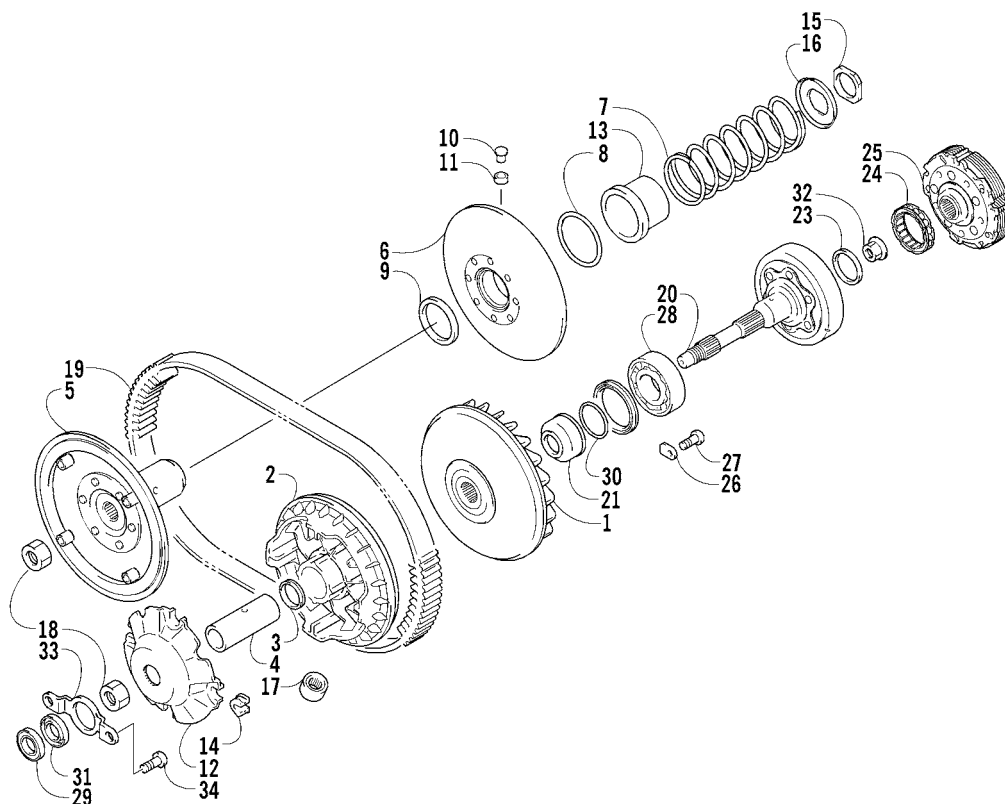
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-727	1	Pump, Oil	9	3402-157	1	Cap, Oil Strainer
2	3402-463	1	Gear, Driven	10	3423-077	1	O-Ring
3	3423-046	1	Pin	11	3004-756	4	Screw, Cap
4	3423-443	1	Washer	12	0812-005	1	Filter, Oil
5	3423-184	1	Circlip	13	3403-021	1	Plug, Drain
6	3423-510	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

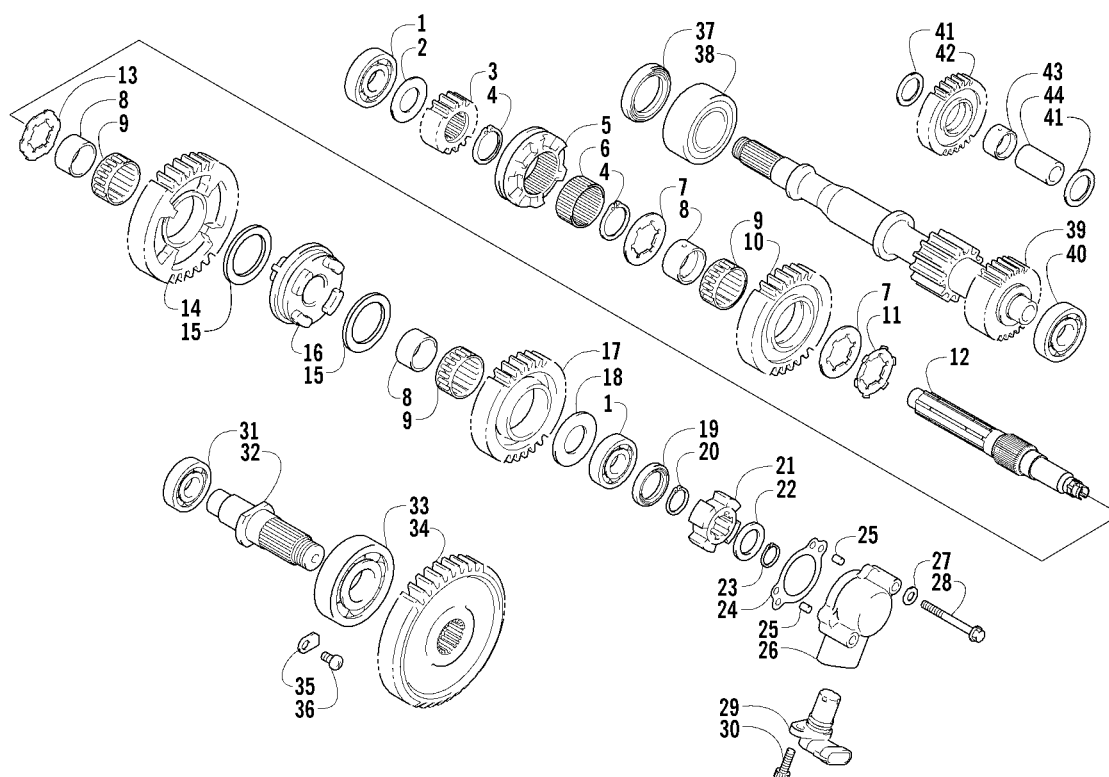
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-464	1	Pump, Water - Assembly (inc. 2-11)	12	3423-308	2	Screw, Cap
2	3423-343	1	● Screw, Cap	13	3402-026	1	Gear, Driven
3	3003-188	1	● Gasket	14	3402-466	1	Shaft, Driven Gear
4	3423-402	1	● O-Ring	15	3423-046	1	Pin, Driven Gear
5	3413-014	1	● Impeller/Shaft	16	3423-184	2	Circlip, Driven Gear
6	3005-909	1	● Seal, Mechanical	17	3402-467	1	Bearing, Shaft
7	3402-465	1	● Seal, Oil	18	3423-405	1	Circlip, Shaft Bearing
8	3003-615	1	● Bearing	19	3402-390	1	Gear, Water Pump Drive
9	3423-403	1	● E-Ring	20	3423-110	1	Pin, Drive Gear
10	3423-404	1	● O-Ring	21	3423-189	1	Circlip, Drive Gear
11	3003-484	2	● Screw				



TRANSMISSION ASSEMBLY

0737-771

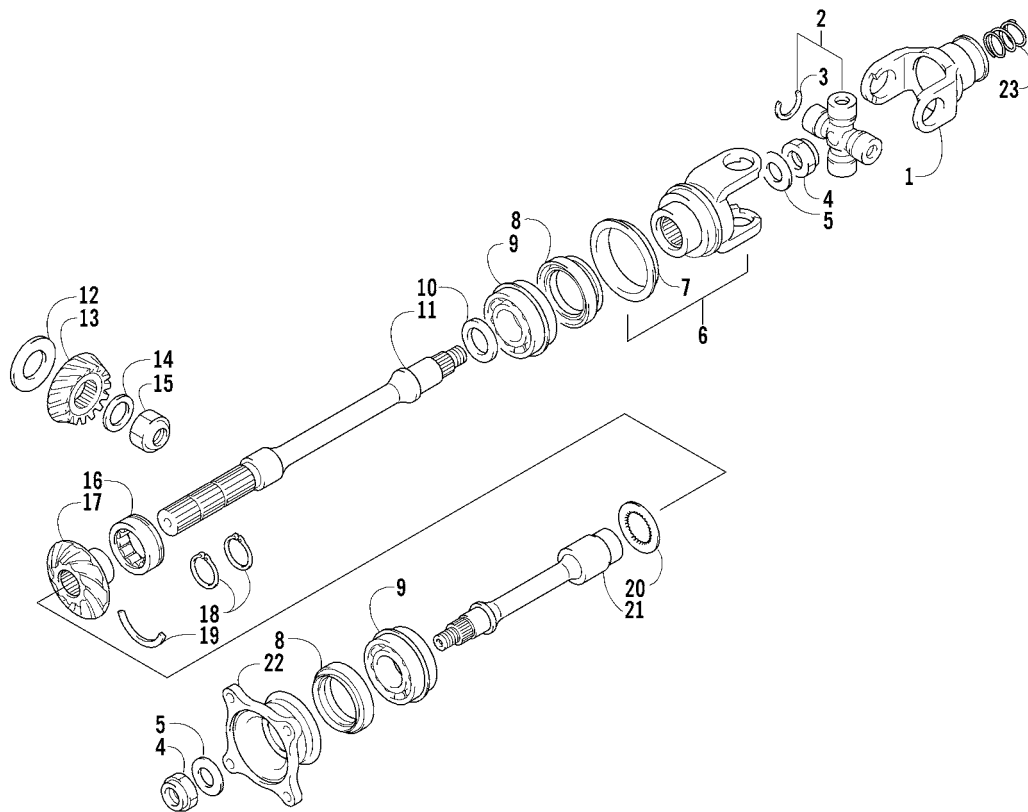
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-750	1	Face, Fixed Drive	18	3423-514	2	Nut
2	3402-751	1	Face, Movable Drive	19	3402-757	1	V-Belt
3	3402-470	2	Seal, Movable Drive Face	20	3402-758	1	Housing, Clutch
4	3402-471	1	Spacer, Movable Drive Face	21	3402-544	1	Spacer, Fixed Drive Face
5	3402-752	1	Face, Fixed Driven	22	3402-808	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	3423-435	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

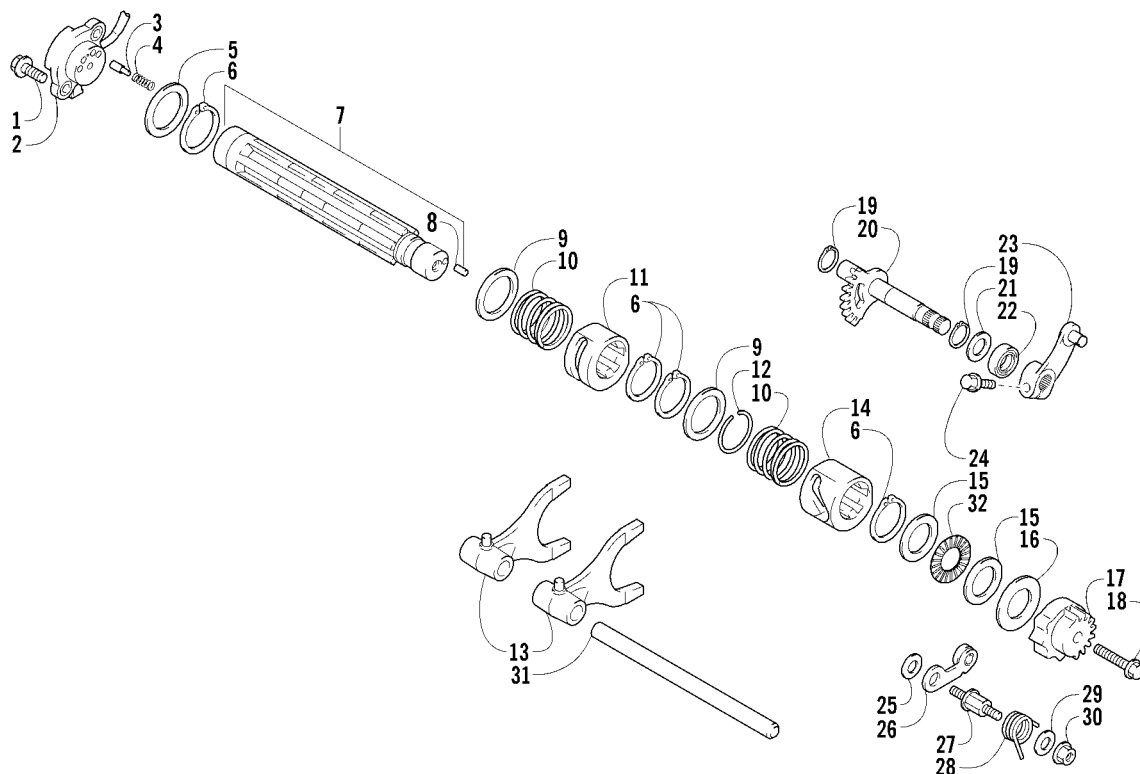
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-045	2	Bearing, Shaft	23	3423-557	1	Circlip
2	3402-381	1	Washer, Drive Gear No. 2 - Right	24	3446-289	1	Gasket
3	3402-497	1	Gear, Drive - No. 2	25	3006-547	2	Pin
4	3423-066	2	Circlip	26	3446-355	1	Housing, Speedometer Sensor
5	3402-821	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	3402-835	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	3423-435	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

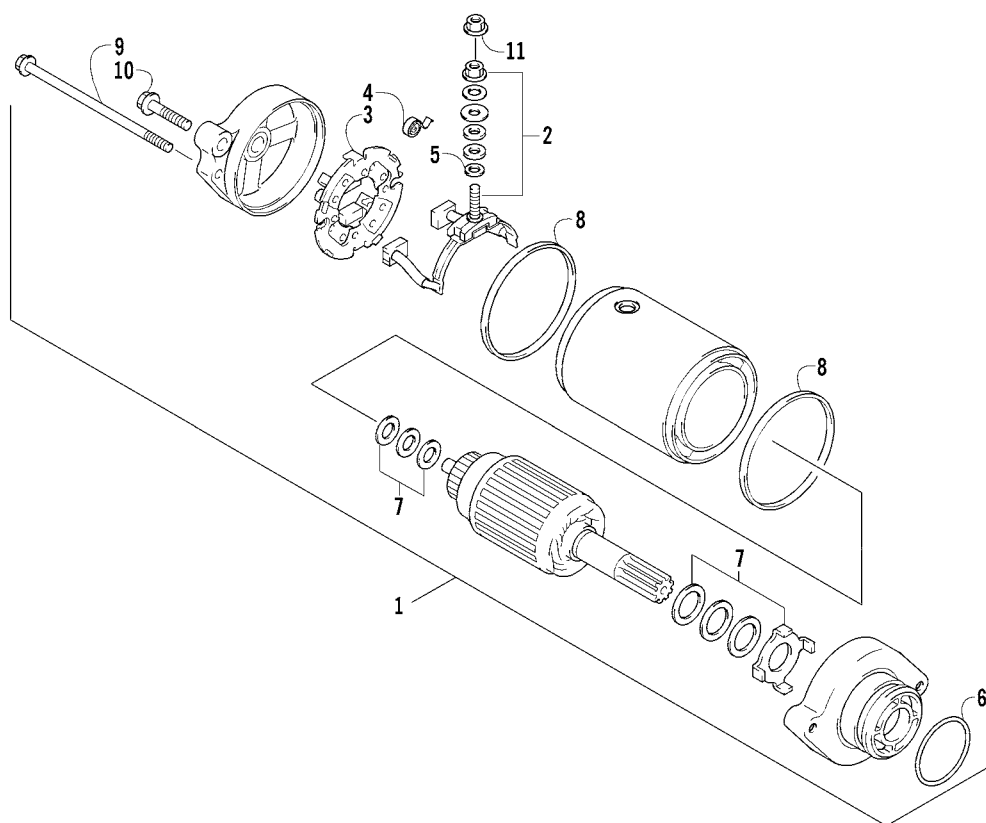
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-327	1	Yoke, Propeller Shaft Joint	11	3402-740	1	Shaft, Secondary Driven - Front
2	3402-562	1	Joint, Universal - Set (inc. 3)	12	3446-035	1	Shim, Secondary Drive Gear - Set
3	3423-479	4	● Circlip	13	3402-738	1	Gear, Secondary Drive
4	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	● 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				



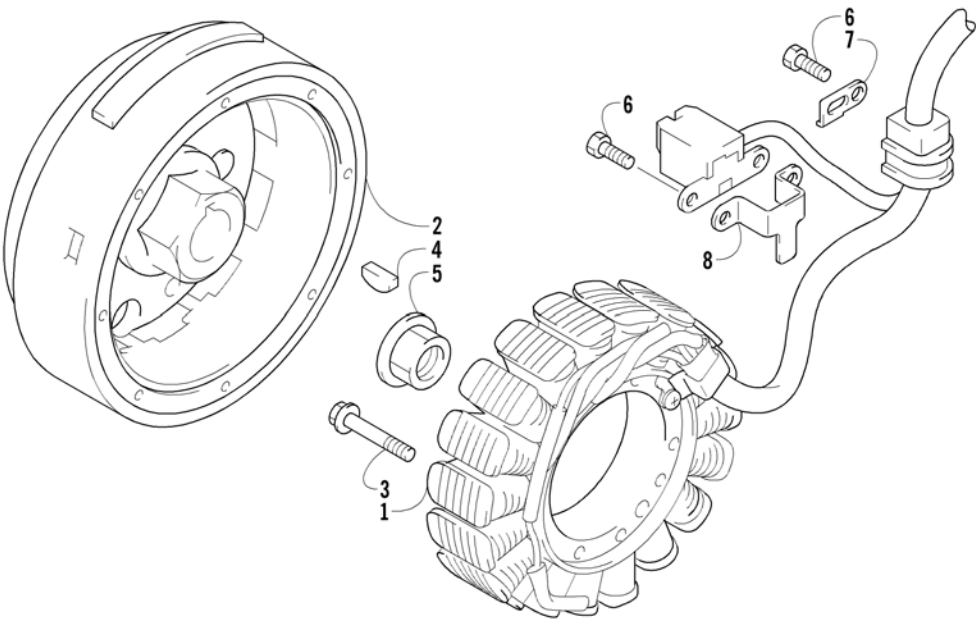
GEAR SHIFTING ASSEMBLY

0737-777

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



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

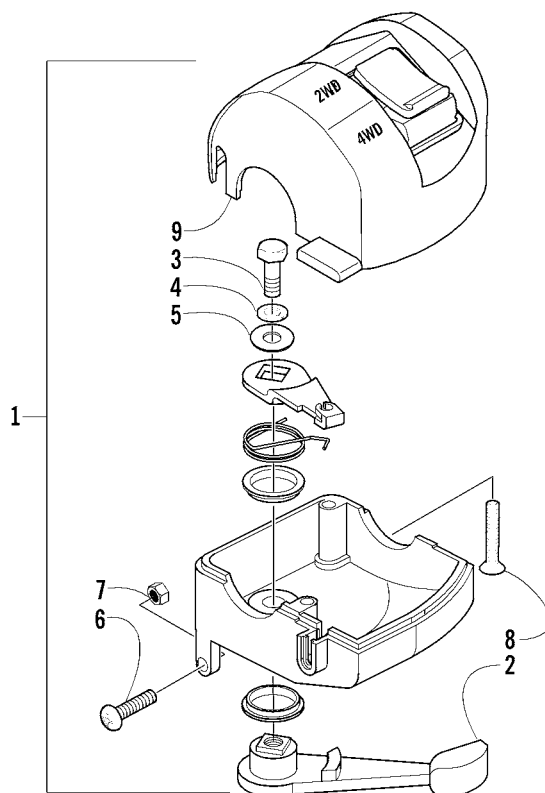


MAGNETO ASSEMBLY

0737-780

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3430-058	1	Stator Assembly	5	3423-086	1	Nut
2	3430-046	1	Rotor/Flywheel	6	3423-005	3	Bolt
3	3423-162	3	Bolt	7	3430-006	1	Clamp - No. 1
4	0691-785	1	Key	8	3430-005	1	Clamp - No. 2

44



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 Case w/Switch
5	3003-030	1	● Washer				

RELATED ITEMS

2006 500 TRV

Red (Model No. A2006TBM4BUSR)

Green (Model No. A2006TBM4BUSG)

Cat Green (Model No. A2006TBM4BUSZ)

0436-660	Bag, Rack, Front, Black	2257-300	Manual, Operator's (E)
0436-480	Bar, Utility	2257-314	Manuel d'utilisation (F)
0436-619	Brush Guard/Bumper - Deluxe	0652-024	Paint, Metal - Black
0436-757	Bumper - Rear	0436-635	Plow Attachment Kit
0436-827	Cargo Box	0436-228	Plow Blade, 50 in. - Straight
0436-459	Carryall (9 x 12)	0436-287	Plow Blade, 50 in. - One-Way
0436-460	Carryall (11 x 17)	0436-296	Plow Blade, 60 in. - Straight
0436-462	Carryall (10 D)	0436-360	Plow Blade, 60 in. - One-Way
0436-477	Cord Reel	0436-636	Plow, Push Frame
0436-726	Cover, Trailerable	0436-626	Rack Basket
0436-087	Electrical Plug	0436-798	Rack - Rear
0436-035	Engine Block Heater	0436-026	Tire Chains, Size B (24 in. and 25 in. Tires)
0436-466	Fender Box	0436-027	Tire Chains, Size C (25 in. and 26 in. Tires)
0436-538	Gear Cradle	1402-028	Tire, Titan AT589 (25x8-12, Mud & Snow)
0436-501	Grease, High-Performance	0402-563	Tire, Titan AT589 (25x10-12, Mud & Snow)
0436-464	Grill Cradle	0436-656	Winch Accessories Kit
0436-828	Gun Holder - Pro-Grip	0436-655	Winch Kit, 2500 lb
0436-352	Hand/Thumb Warmers	0436-703	Windshield, Clear
0436-463	Light Bar	0436-623	Windshield, Clear w/Accent
0436-516	Light Mount, Portable - Cargo Box	0436-470	Workbase (8 in.)
0436-040	Light, Portable - Spotlight		
0436-039	Light, Portable - Work		
0436-122	Lunch Pack, Black		
2257-465	Manual, Illustrated Parts		

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

