



ARCTIC CAT[®]

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650 3in1

MASSEY FERGUSON



2007

frame number: *VADA644AV70X20001* - *VADA644AV70X20180*

Illustrated Parts Manual

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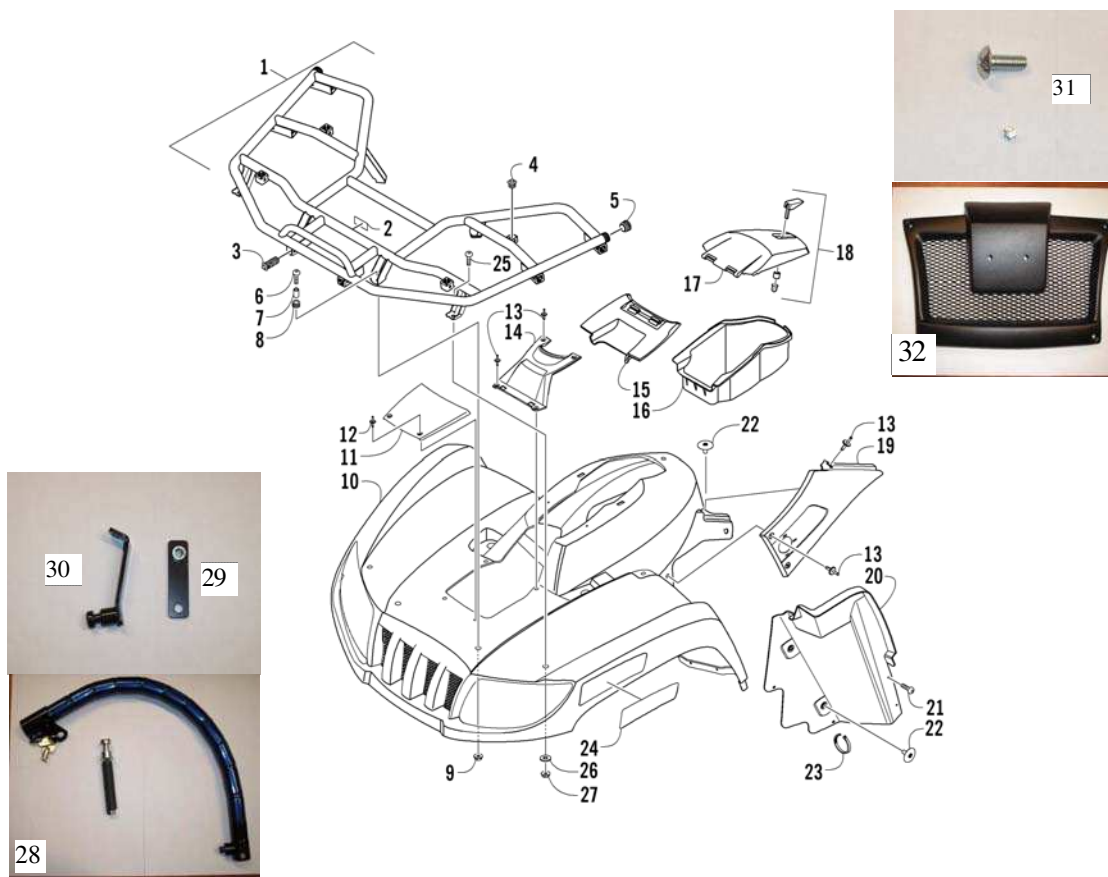
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■ NOTE: The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2007 model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

2007 Arctic Cat AG

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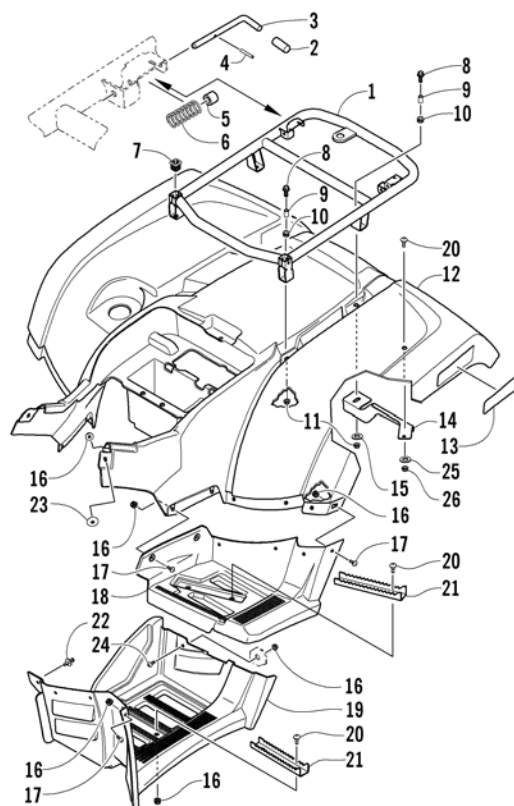
Printed 2007



FRONT BODY PANEL ASSEMBLY

0739-662

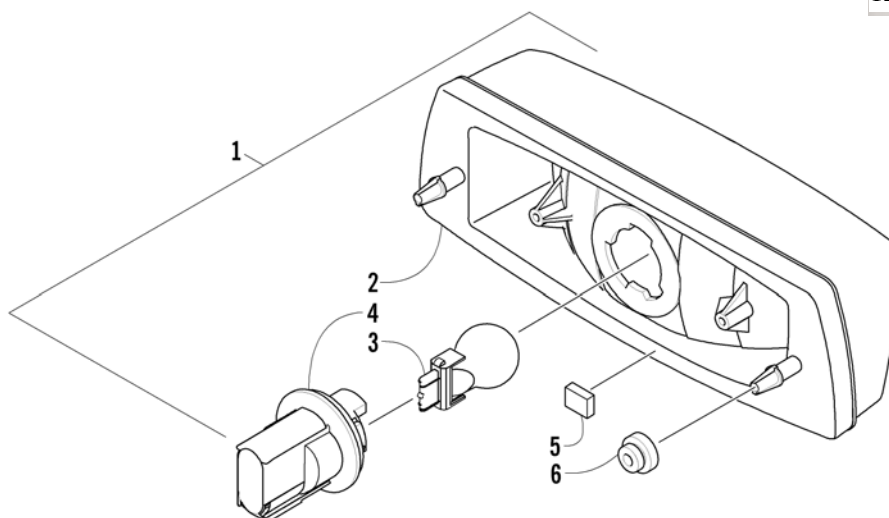
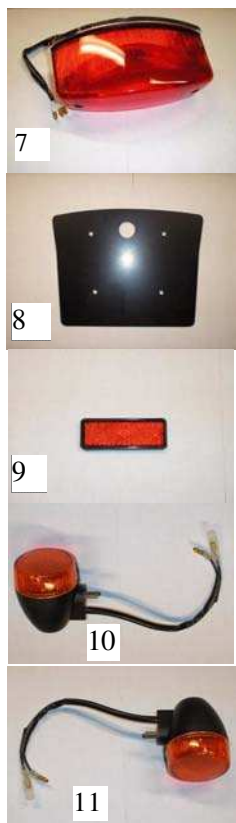
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0541-272	1	Rack - Front - Assembly (inc. 2-5)	18	1406-599	1	Latch, Storage Box
2	0411-576	1	ø Decal, Warning - Front Rack Load	19	1406-313	1	Panel, Side - Right
3	<u>2406-014</u>	6	ø Bushing, Rack		1406-314	1	Panel, Side - Left
4	0441-592	4	ø Bushing, Rack	20	1406-354	1	Panel, Splash - Right
5	1441-049	2	ø Plug, Rack		1406-355	1	Panel, Splash - Left
6	<u>8410-830</u>	4	Screw, Machine	21	0423-342	4	Screw, Self-Tapping
7	0423-463	4	Spacer	22	0423-101	5	Screw, Body
8	0423-465	4	Grommet	23	0123-788	AR	Cable Tie - 7.5 in.
9	8432-802	4	Nut, Lock	24	0411-818	1	Decal, Reflector - Front - Right
10	1406-614	1	Panel, Fender - Front		0411-819	1	Decal, Reflector - Front - Left
	1406-613	1	Panel, Fender - Front (Green)	25	0423-355	2	Screw, Shoulder
	1406-615	1	Panel, Fender - Front (Cat Green)	26	8050-222	2	Washer
11	1406-358	1	Cover, Access	27	8424-602	2	Nut, Lock
12	0423-535	2	Rivet, Reinstallable	28	AC008-790	1	Anti Theft Device
13	0623-362	10	Rivet, Reinstallable	29	AC008-793	1	Bracket Anti Theft Device
14	1406-484	1	Cover, Steering Post	30	AC008-792	1	Holder Anti Theft Device
15	0470-513	1	Cover, Storage Box	31	AC008-795	1	Star Screw
16	1406-573	1	Box, Storage	32	AC006-069	1	Grille MF
17	0470-514	1	Lid, Storage Box				



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)	15	0423-087	2	Washer
2	1441-317	2	ø Cap, Vinyl	16	0423-540	34	Nut, Lock
3	<u>0541-448</u>	2	ø Pin - Assembly (inc. 4)	17	0423-419	22	Screw, Machine
4	0423-635	2	ø ø Pin, Roll	18	2406-042	1	Footwell, Rear - Right
5	0423-036	2	ø Collar		2406-043	1	Footwell, Rear - Left
6	0423-636	2	ø Spring	19	1506-813	1	Footwell - Right
7	0441-592	4	ø Bushing, Rack		1506-814	1	Footwell - Left
8	8410-830	4	Screw, Machine	20	0423-355	10	Screw, Shoulder
9	0423-463	4	Spacer	21	1506-125	4	Footpeg
10	0423-465	4	Grommet	22	0623-362	2	Rivet, Reinstallable
11	8432-802	4	Nut, Lock	23	0423-101	2	Screw, Body
12	AC006-016	1	Fender EU Homologated 3_1 Rear (Red)	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
14	<u>2506-092</u>	1	Bracket, Rear Fender - Right	27	0470-404	2	Grommet
	<u>2506-093</u>	1	Bracket, Rear Fender - Left				

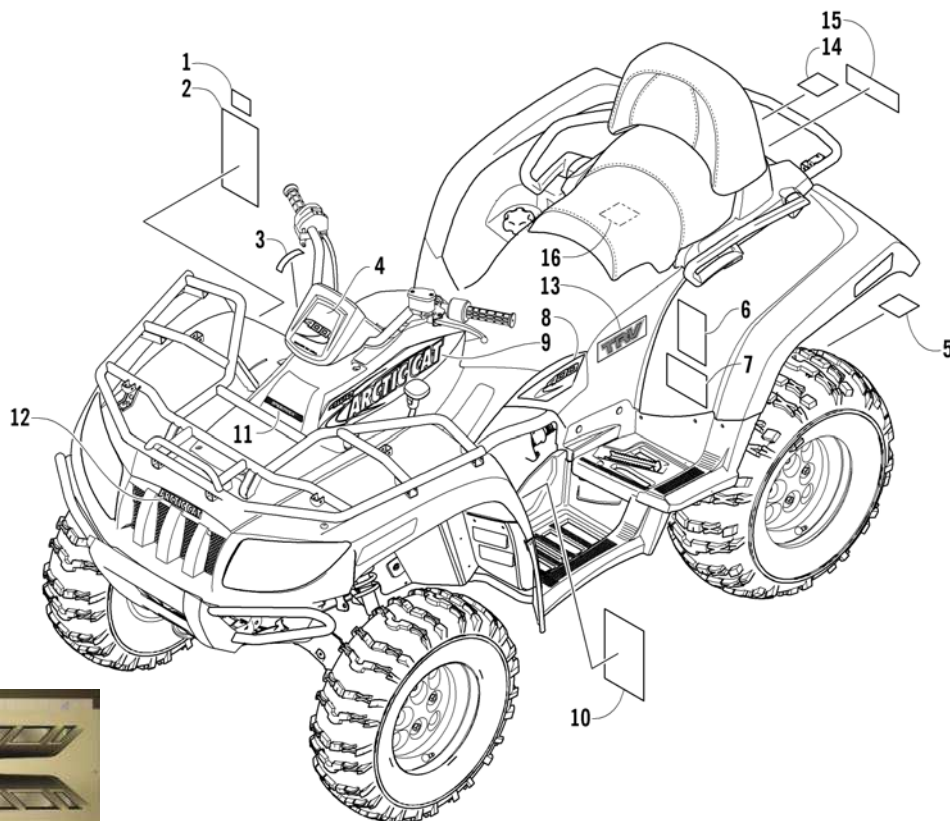


TAILLIGHT ASSEMBLY

0739-987

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	8	AC008-231	1	Bracket Number Plate
2	0509-025	1	Housing, Taillight	9	AC008-139	2	Reflector
3	0409-056	1	Bulb, Taillight	10	AC003-145	2	Indicator, Left
4	0409-057	1	Socket, Taillight		AC003-093	2	Bulb 10 Watt
5	1406-790	4	Pad, Taillight	11	AC003-146	2	Indicator, Right
6	0423-534	2	Grommet		AC003-093	2	Bulb 10 Watt
7	AC003-079	1	Taillight New	12	AC008-223	2	Bracket, Indicator
	AC003-097	1	Bulb 21/5 Watt				

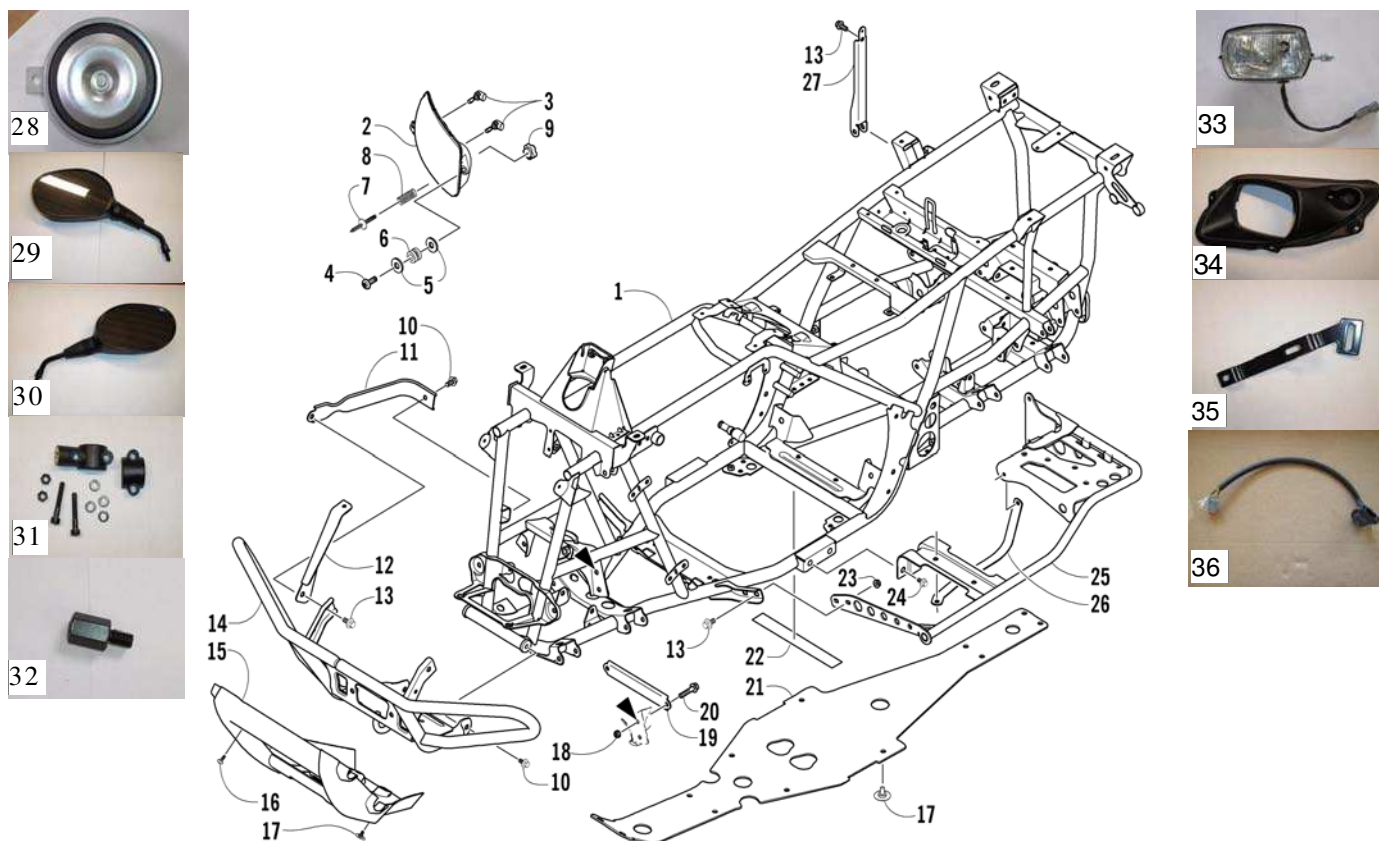
2007 650-H1 3in1 MF Automatic Transmission



DECALS

0740-992 *Included on Front/Rear Fender Panels

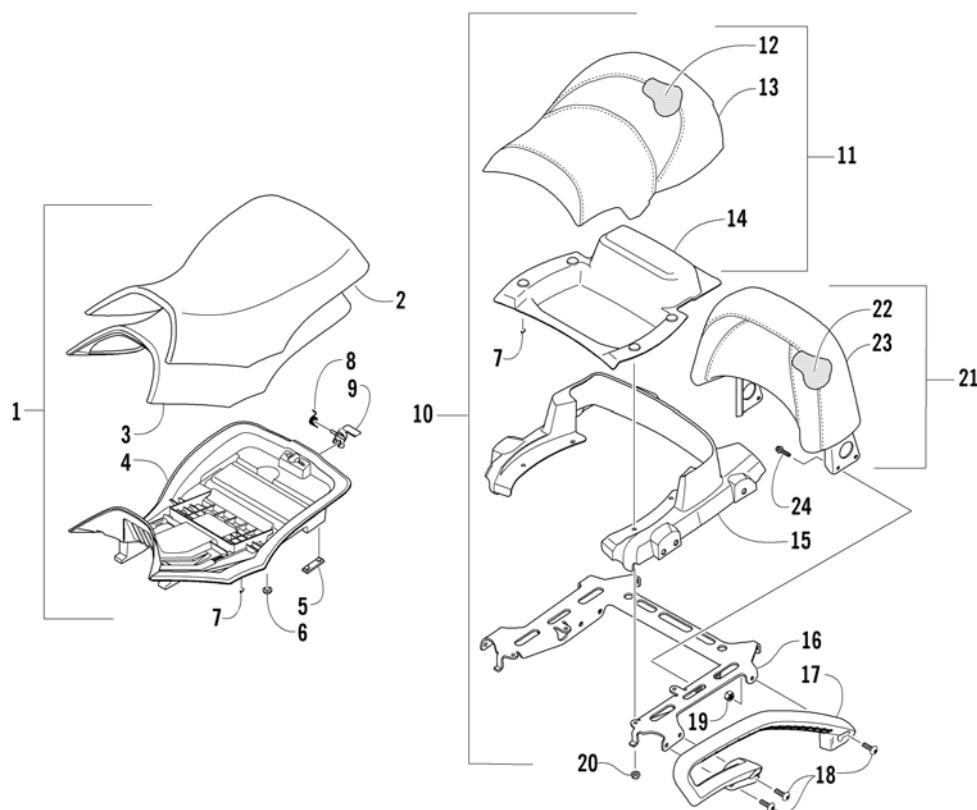
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0411-666	+	Decal, Warning - Reverse/Pre-Ride*		1411-015	+	Decal, Side - Upper Left
2	0411-894	+	Decal, Warning - Hill		1411-016	+	Decal, Side - Upper Right (Green)
3	0411-426	1	Decal, Warning - Clutch Cover		1411-017	+	Decal, Side - Upper Left (Green)
4	1411-047	+	Decal, Instrument Pod		1411-018	+	Decal, Side - Upper Right (Cat Green)
	1411-048	+	Decal, Instrument Pod (Green)		1411-019	+	Decal, Side - Upper Left (Cat Green)
	1411-049	+	Decal, Instrument Pod (Cat Green)		AC001-636	1	ACE-Decal Side RH 500/650
	AC001-631	1	MF Decal, Head 500/650		AC001-637	1	ACE-Decal Side LH 500/650
5	1411-077	1	Decal, Warning - Towing	10	0411-753	+	Decal, Warning - Age/General*
6	0411-833	+	Decal, Passenger	11	1411-050	1	Decal, "Speedrack"
7	0411-832	1	Decal, Warning - Tire Pressure	12	0411-840	+	Decal, Front
8	1411-252	+	Decal, Side - Lower Right		0411-839	+	Decal, Front (Green)
	1411-253	+	Decal, Side - Lower Left		0411-841	+	Decal, Front (Cat Green)
	1411-254	+	Decal, Side - Lower Right (Green)	13	1411-264	2	Decal, Graphic - TRV
	1411-255	+	Decal, Side - Lower Left (Green)		1411-266	2	Decal, Graphic - TRV (Green)
	1411-136	+	Decal, Side - Lower Right (Cat Green)		1411-262	2	Decal, Graphic - TRV (Cat Green)
	1411-137	+	Decal, Side - Lower Left (Cat Green)	14	1411-251	+	Decal, Warning - Seat/Passenger
	AC001-634	1	MF-Decal 650 RH	15	0411-814	+	Decal, "Arctic Cat" - White
	AC001-635	1	MF-Decal 650 LH	16	1411-269	+	Decal, Warning - Passenger
9	1411-014	+	Decal, Side - Upper Right				



FRAME AND RELATED PARTS

0740-926

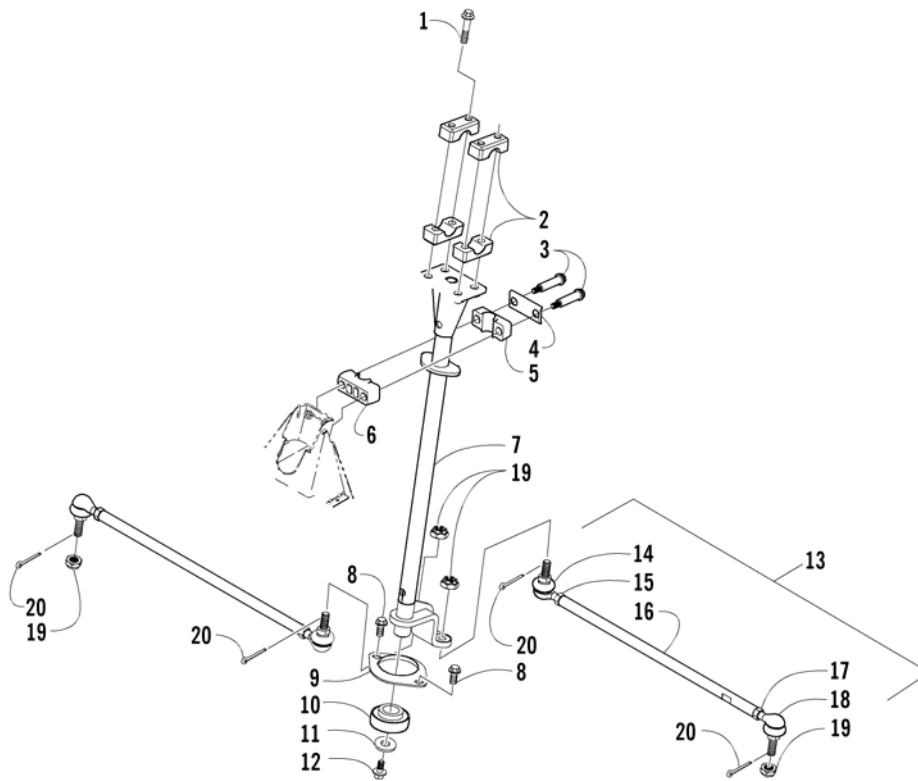
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-047</u>	1	Frame, Main	20	8409-025	2	Screw, Cap
2	0509-036	4	Headlight Assembly - Right (inc. 3)	21	2406-091	1	Panel, Belly
	0509-037	4	Headlight Assembly - Left (inc. 3)	22	0406-289	1	Pad, Frame
3	0409-096	2	Ø Bulb, Headlight 35/35W	23	8424-802	8	Nut, Flange
	0409-099	2	Ø Bulb Turn light	24	8409-016	4	Screw, Cap
	0409-101	2	Ø Bulb Position light	25	<u>1506-846</u>	1	Footrest - Right
4	0623-785	4	Screw, Self-Tapping		<u>1506-847</u>	1	Footrest - Left
5	8050-217	8	Washer	26	<u>1506-994</u>	1	Strap, Footrest - Right
6	0423-447	4	Grommet		<u>1506-995</u>	1	Strap, Footrest - Left
7	0423-514	2	Stud, Adjuster - Headlight	27	1506-548	1	Channel, Shock Support
8	0423-522	2	Spring, Adjuster	28	0430-053	1	Horn
9	0423-513	2	Knob, Adjuster		2406-031	1	Bracket Mounting Horn
10	8409-020	4	Screw, Cap	29	AC008-751	1	Mirror Left
11	1506-725	1	Channel, Bumper Mounting - Right	30	AC008-752	1	Mirror Right
	1506-725	1	Channel, Bumper Mounting - Left	31	AC008-753	1	Mirror Mounting Left
12	1506-562	1	Bracket, Mounting - Bumper - Right	32	AC008-403	1	Mirror Mounting DVX
	1506-563	1	Bracket, Mounting - Bumper - Left	33	AC003-241	2	Headlight Assy. MF 2006
13	8408-816	11	Screw, Cap		AC003-098	2	Bulb Headlight 12V 35/35W
14	<u>1506-855</u>	1	Bumper	34	AC006-007	1	Faceplate Headlight MF 500/650 left 2006
15	1406-360	1	Grille, Bumper		AC006-008	1	Faceplate Headlight MF 500/650 right 2006
16	0423-419	2	Screw, Machine				
17	0423-101	16	Screw, Body	35	AC008-042	1	Bracket Headlight MF Left 2006
18	8428-002	2	Nut, Lock		AC008-043	1	Bracket Headlight MF Right 2006
19	1506-429	1	Brace, A-Arm	36	AC003-221	2	Harness Adapter



SEAT AND BACKREST ASSEMBLY

0740-930

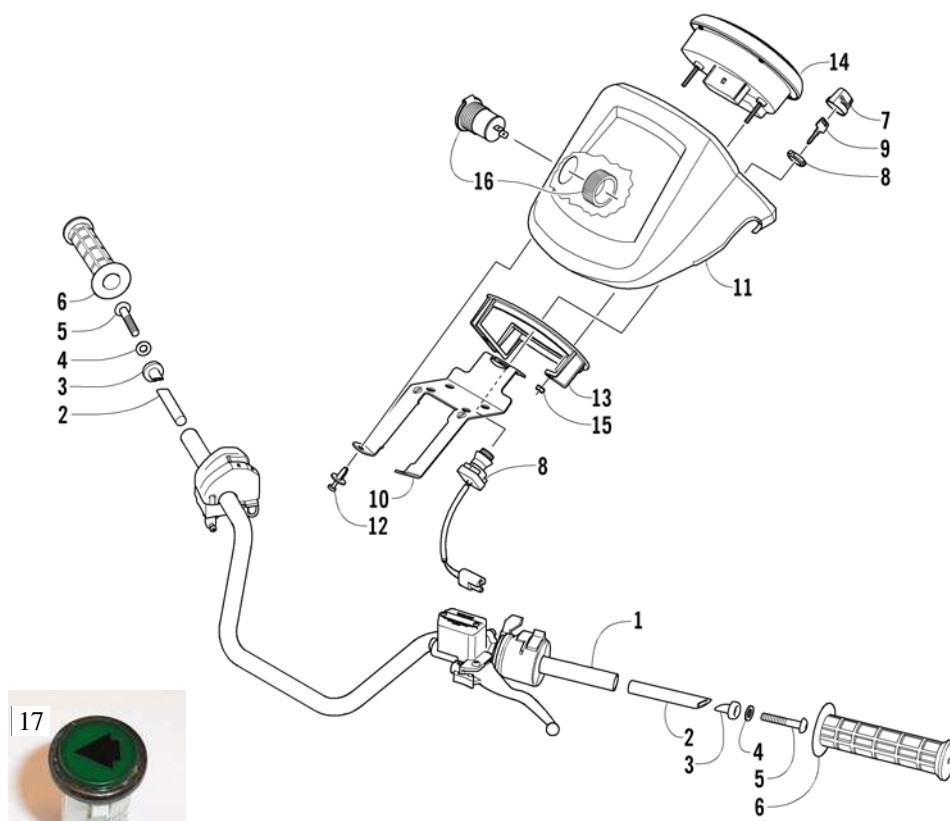
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1506-937</u>	1	Seat Assembly (inc. 2-9)	13	<u>1506-815</u>	1	ø ø Cover, Seat - Passenger
2	1506-209	1	ø Cover, Seat	14	<u>2406-110</u>	1	ø ø Base, Seat - Inner
3	1506-208	1	ø Foam, Seat	15	<u>2406-044</u>	1	ø Base, Seat - Passenger
4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



STEERING POST ASSEMBLY

0739-774

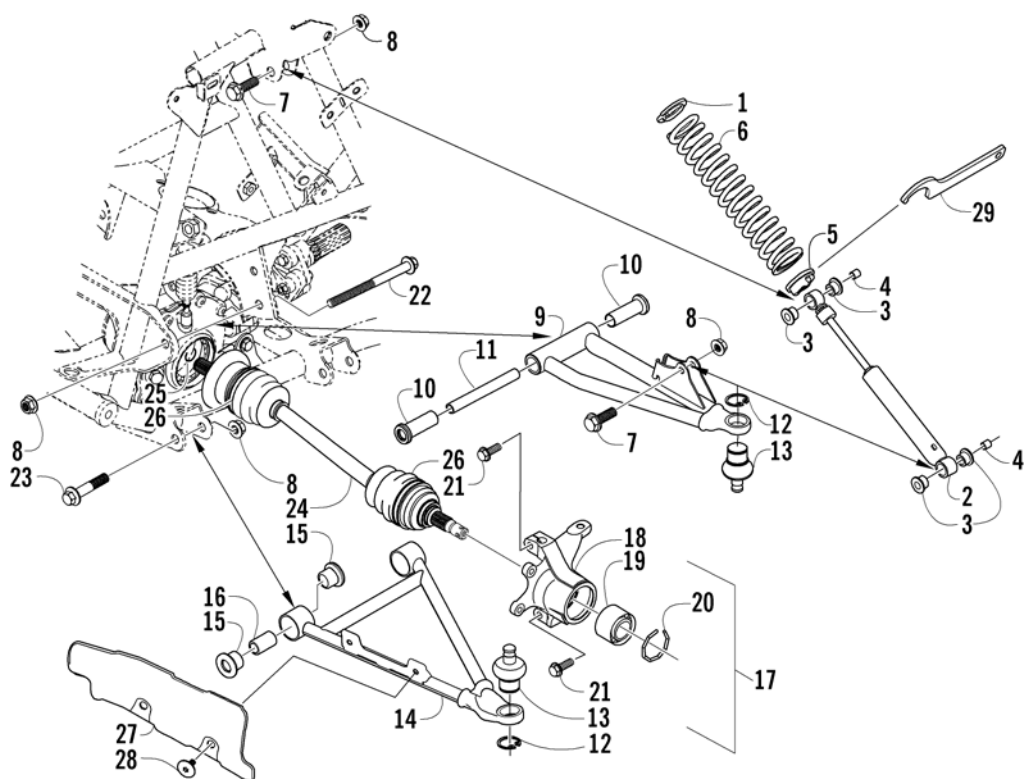
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	11	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	12	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	13	0505-408	2	Tie Rod - Assembly (inc. 14-18)
4	0405-166	1	Cap, Housing	14	0405-083	2	ø Ball Joint, Tie 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

0740-932

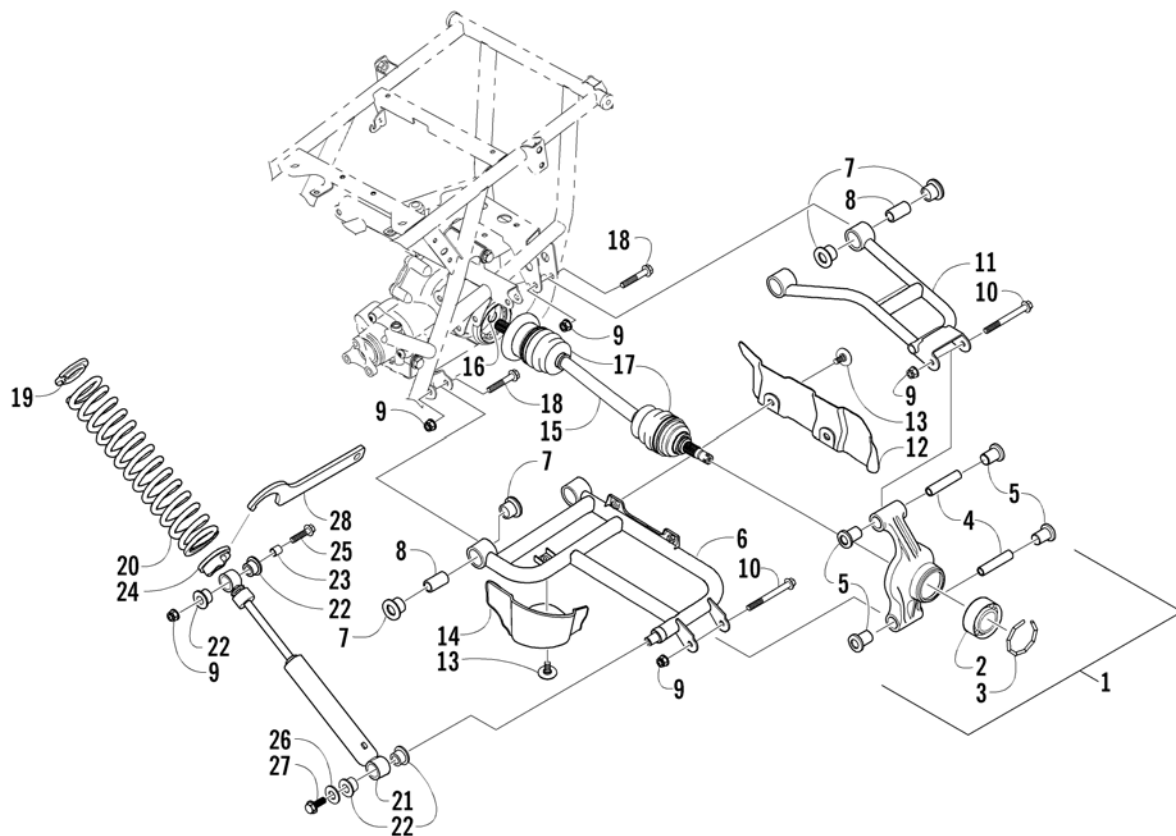
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-482	1	Tube, Handlebar	10	1506-578	1	Bracket, Mounting - Instrument Pod
2	0405-218	2	Plug, Handlebar	11	0405-188	1	Instrument Pod
3	0405-149	2	End Cap, Handlebar		0405-189	1	Instrument Pod (Green)
4	8050-247	2	Washer		0405-190	1	Instrument Pod (Cat Green)
5	8477-845	2	Screw, Machine	12	0423-535	2	Rivet, Reinstallable
6	0405-147	2	Grip, Handlebar	13	0420-065	1	Clamp
7	0409-013	1	Cover, Key	14	0520-014	1	Gauge, LCD
8	3430-036	1	Switch, Ignition - Assembly (inc. 9)		0520-011	1	Gauge, LCD
9	3409-007	1	ø Key, Ignition - Blank (C Series)	15	0423-493	2	Nut, Hex
	3409-011	1	ø Key, Ignition - Blank (D Series)	16	0641-897	1	Outlet, Accessory - 12V
	3409-012	1	ø Key, Ignition - Blank (E Series)	17	0420-072	2	Light Indicator Turn Signal
	3409-013	1	ø Key, Ignition - Blank (F Series)				



FRONT SUSPENSION ASSEMBLY

0739-603 *Not a Service Part

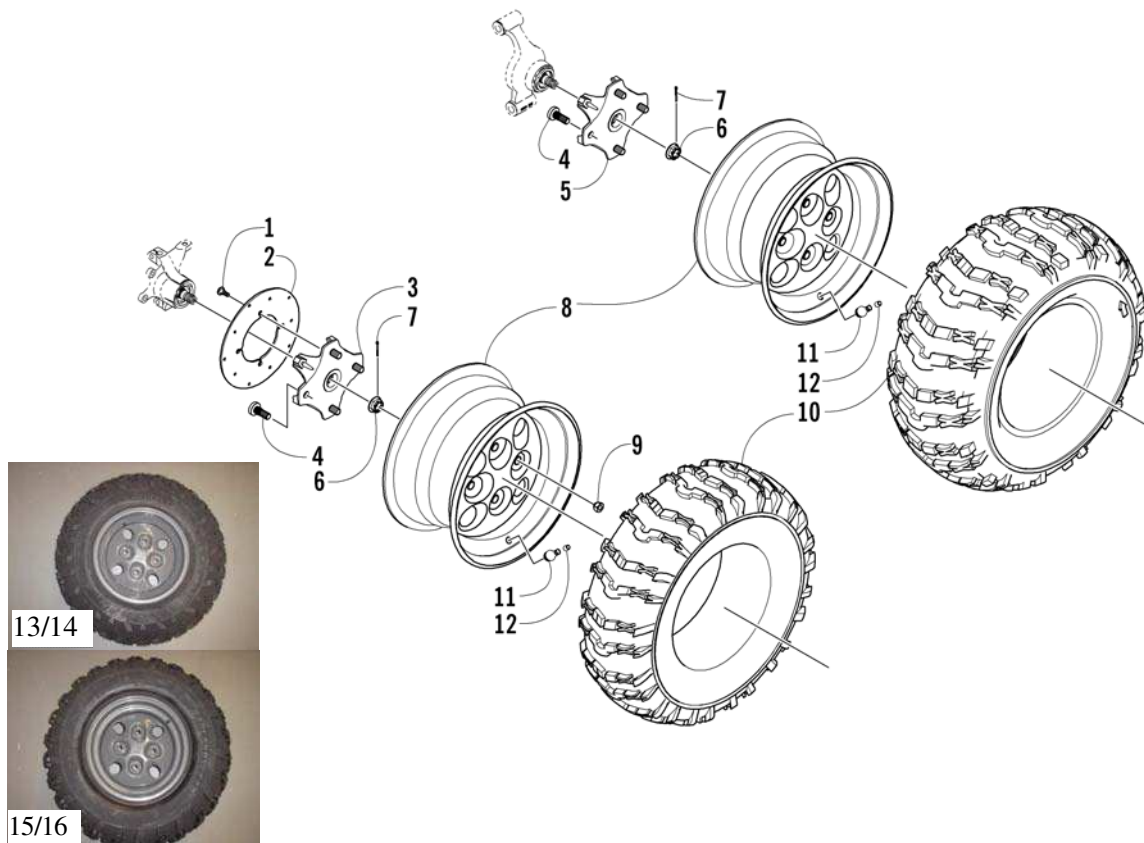
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1603-889	2	Retainer, Spring	15	0403-115	8	ø Bushing
2	0403-137	2	Shock Absorber - Front (inc. 3-4)	16	0403-114	4	ø Collar
3	0604-310	8	ø Bushing, Shock Absorber	17	<u>0505-460</u>	1	Knuckle - Assembly - Right (inc. 18-20)
4	0403-028	4	ø Sleeve, Shock		<u>0505-461</u>	1	Knuckle - Assembly - Left (inc. 18-20)
5	0403-102	2	Cam, Spring Adjuster	18	*	1	ø Knuckle, Steering - Right
6	<u>0503-318</u>	2	Spring, Shock Absorber - Platinum		*	1	ø Knuckle, Steering - Left
	<u>0503-317</u>	2	Spring, Shock Absorber - Black (Green)	19	1402-027	2	ø Bearing, Wheel Hub
7	8409-040	4	Screw, Cap	20	0423-423	2	ø Ring, Retaining
8	8428-002	10	Nut, Lock	21	8409-030	4	Screw, Cap
9	<u>0503-272</u>	1	A-Arm, Upper Right - Platinum (inc. 10-13)	22	0423-334	2	Screw, Cap
	<u>0503-273</u>	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, Drive - Front (inc. 25-26)
	0503-197	1	A-Arm, Upper Left - Black (inc. 10-13) (Green)	25	0441-400	2	ø Clip, Retaining
10	0403-081	4	ø Bushing	26	0436-276	2	ø Repair Kit, Boot
11	0403-080	2	ø Collar	27	<u>0441-752</u>	1	Guard, Boot - Right
12	0423-009	4	ø Clip, Ball Joint		<u>0441-753</u>	1	Guard, Boot - Left
13	0405-115	4	ø Ball Joint - Front		<u>1441-002</u>	1	Guard, Boot - Right (Green)
14	<u>0503-268</u>	1	A-Arm, Lower Right - Platinum (inc. 12-13 and 15-16)		<u>1441-003</u>	1	Guard, Boot - Left (Green)
	<u>0503-269</u>	1	A-Arm, Lower Left - Platinum (inc. 12-13 and 15-16)		<u>0441-756</u>	1	Guard, Boot - Right (Cat Green)
	0503-220	1	A-Arm, Lower Right - Black (inc. 12-13 and 15-16) (Green)		<u>0441-757</u>	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

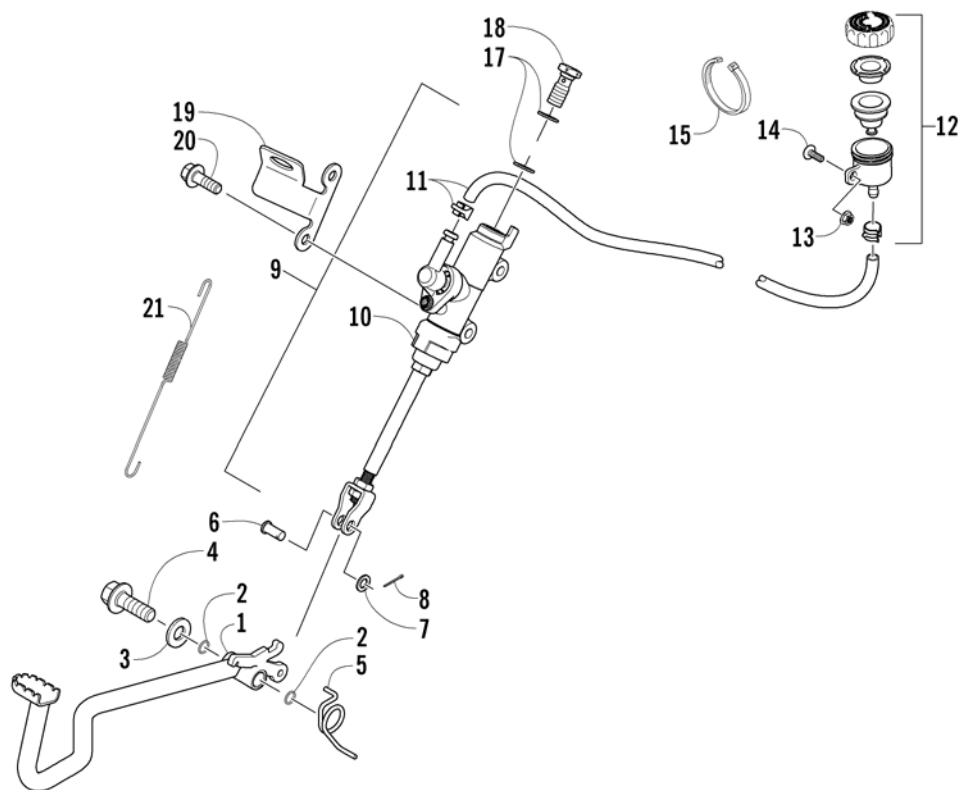
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-374	1	Knuckle, Right Rear -Assembly (inc. 2-5)	12	<u>0441-754</u>	1	Guard, Boot - Right
	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-5)		<u>0441-755</u>	1	Guard, Boot - Left
2	1402-027	2	ø Bearing, Wheel Hub		<u>1441-004</u>	1	Guard, Boot - Right (Green)
3	0423-423	2	ø Ring, Retaining		<u>1441-005</u>	1	Guard, Boot - Left (Green)
4	0403-038	4	ø Collar, Suspension Bushing		<u>0441-758</u>	1	Guard, Boot - Right (Cat Green)
5	0403-032	8	ø Bushing, Suspension		<u>0441-759</u>	1	Guard, Boot - Left (Cat Green)
6	<u>0504-326</u>	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)	13	0423-101	6	Screw, Body
	<u>0504-327</u>	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, Drive - Rear (inc. 16-17)
7	0403-115	16	ø Bushing	16	0441-400	2	ø Clip, Retaining
8	0403-114	8	ø Collar	17	0436-276	2	ø Repair Kit, Boot
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	<u>0504-330</u>	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	20	<u>0404-127</u>	2	Spring, Suspension - Platinum
	<u>0504-331</u>	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	ø Bushing, Shock Absorber
				23	0403-028	2	ø 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	0441-587	1	Wrench, Spanner



WHEEL AND TIRE ASSEMBLY

0740-358

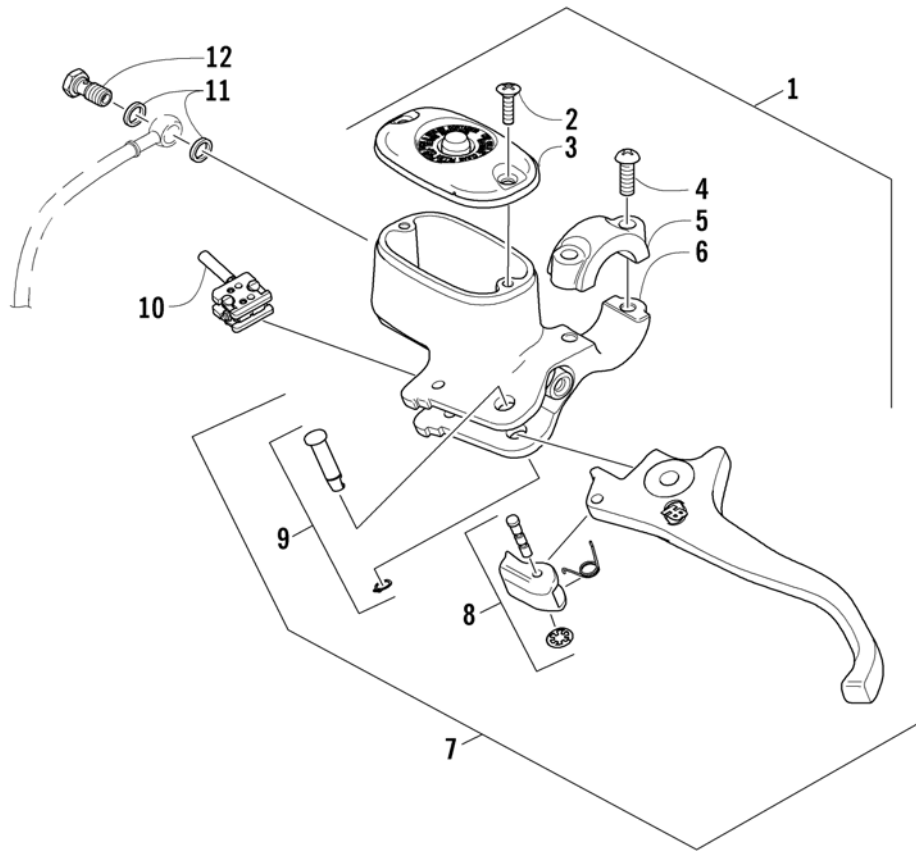
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	9	0402-858	2	Wheel - Rear - Gray
2	1402-225	3	Disc, Brake	10	0423-408	16	Nut, Mounting - Wheel
3	0502-599	2	Hub, Wheel - Front (inc. 4)	11	1402-100	2	Tire - Front
4	0402-974	16	ø Stud, Wheel Hub	12	1402-137	2	Tire - Rear
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)	13	0402-064	4	Stem, Valve (inc. 12)
6	0502-599	1	Hub, Wheel - Rear - Right (inc. 4)	14	0402-140	4	ø Cap, Valve Stem
7	0423-607	4	Nut, Castle Flange	15	0502-464	1	Wheel, Gray RH 25x8-12
8	0423-407	4	Pin, Cotter	16	0502-465	1	Wheel, Gray LH 25x8-12
	1402-127	2	Wheel - Front - Platinum		0502-505	1	Wheel, Gray RH 25x11-12
	1402-115	2	Wheel - Rear - Platinum		0502-506	1	Wheel, Gray LH 25x11-12
	0402-856	2	Wheel - Front - Gray				



AUXILIARY BRAKE ASSEMBLY

0740-359 *Not a Service Part

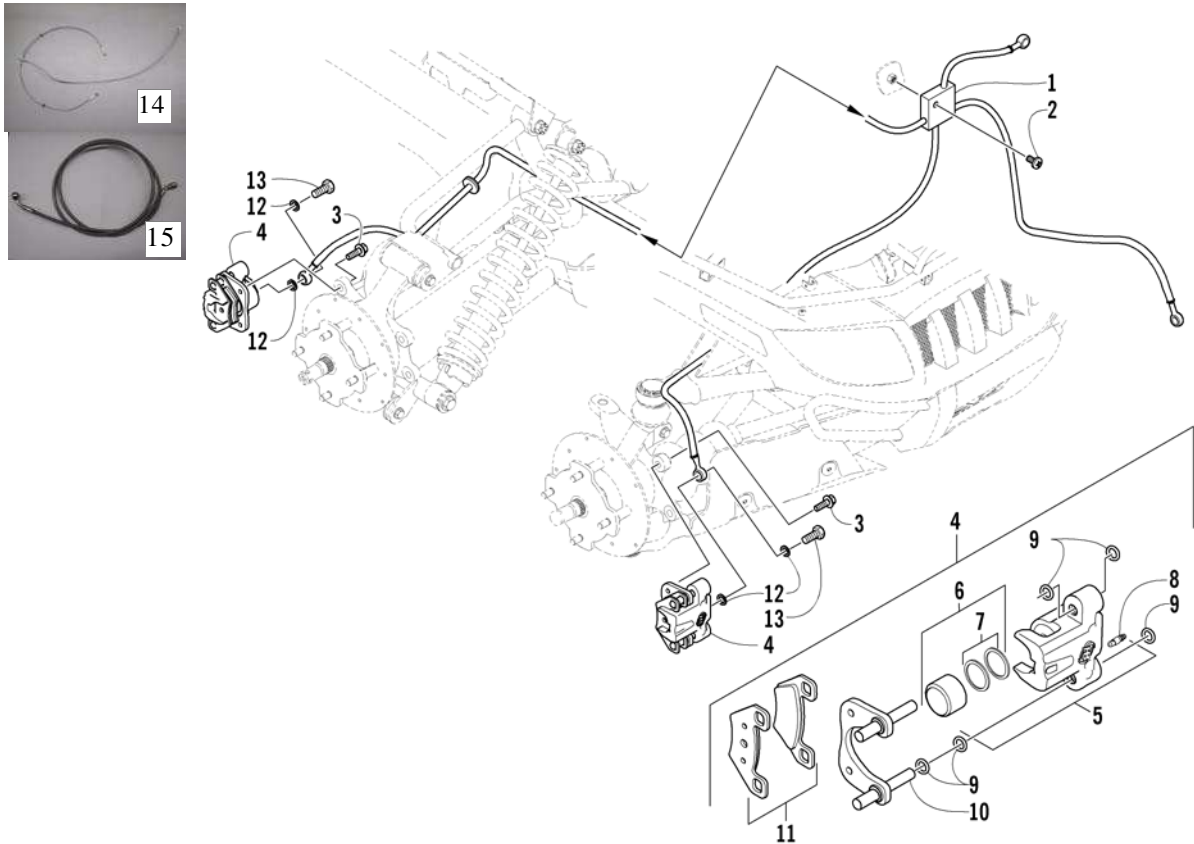
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-805</u>	1	Lever, Brake	16	<u>1402-594</u>	1	Hose, Brake-MC/CALIPER (58" WB)
2	1602-213	2	O-Ring	17	0423-178	4	Washer, Crush
3	8050-252	1	Washer	18	0423-610	1	Bolt, Double Banjo Fitting
4	8408-816	1	Screw, Cap	19	<u>0502-840</u>	1	Bracket, Switch
5	<u>0502-807</u>	1	Spring, Brake Lever	20	8408-625	2	Screw, Cap
6	1402-377	1	Pin, Clevis	21	<u>0502-785</u>	1	Spring, Brake Switch
7	8050-217	1	Washer	22	0487-055	1	Cable, Park Brake-58
8	0402-584	1	Pin, Cotter	23	1502-278	1	Lever-Cable-Park Brake-58"-Assy (inc. 22)
9	<u>1502-147</u>	1	Rear Master Cylinder	24	1502-176	1	Caliper, Brake-Mechanical
10	*	1	ø Master Cylinder	25	AC002-005	2	Pad Brake-Mech Park
11	0502-880	+	ø Hose, Brake Reservoir	26	0402-379	1	Wire Form, Cable
12	0502-877	+	ø Reservoir, Brake	27	8408-825	2	Screw, Cap-HFH M8X1.25X25 CL8.8 Z&Y
13	0623-038	+	Nut, Flanged	28	1502-115	2	Clip Brake Hose
14	8476-616	+	Screw, Machine				
15	0123-788	+	Cable Tie 7.5 in.				



HYDRAULIC HAND BRAKE ASSEMBLY

0739-479

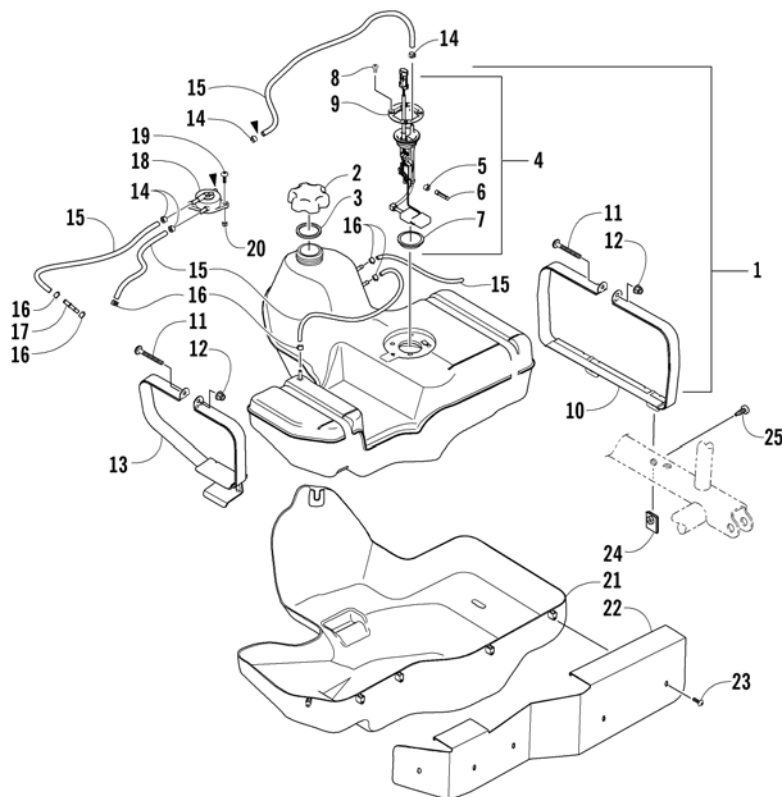
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-914</u>	1	Brake Assembly (inc. 2-10)	7	<u>0502-866</u>	1	ø Lever Assembly - Kit (inc. 8-9)
2	<u>0502-566</u>	1	ø Screw, Reservoir Cover - Kit	8	<u>0502-867</u>	1	ø ø Lock, Brake Lever - Kit
3	<u>0502-868</u>	1	ø Cover, Reservoir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



HYDRAULIC BRAKE ASSEMBLY

0740-935

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
4	1502-035	4	Hose, Brake Assembly	7	0502-607	3	ø ø ø Seal Set
2	8476-625	1	Screw, Cap	8	0502-609	3	ø ø Valve, Bleed
3	8408-820	6	Screw, Cap	9	0502-608	3	ø O-Ring, Guide - Set
4	0502-602	1	Caliper, Brake - Right Front (inc. 5-11)	10	0502-605	3	ø Bracket Assembly
	0502-610	2	Caliper, Brake - Left Front and Right Rear (inc. 5-11)	11	0502-875	3	ø Pad, Brake - Set
5	0502-603	1	ø Housing, Caliper - Assembly - Right Front (inc. 6-8)	12	0423-178	6	Washer, Crush
	0502-611	2	ø Housing, Caliper - Assembly - Left Front and Right Rear (inc. 6-8)	13	0423-413	3	Bolt, Banjo Fitting
6	0502-606	3	ø ø Piston/Seal Set (inc. 7)	14	1502-148	1	Hose, Brake Assembly
				15	1402-592	1	Hose, Brake-MC/MC

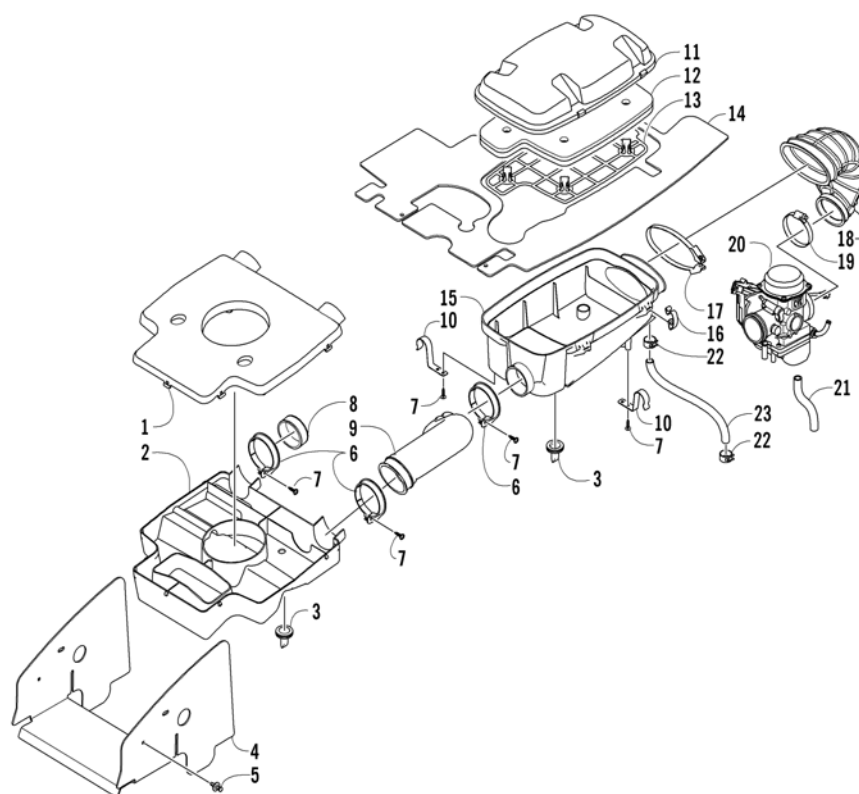


GAS TANK ASSEMBLY

0740-936

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0570-111</u>	1	Tank, Gas - Assembly (inc. 2-9)	14	0423-461	4	Clamp, Hose
2	0470-438	1	ø Cap, Gas Tank (inc. 3)	15	0410-070	AR	Hose, Gasline - 25 ft
3	0109-733	1	ø ø Gasket, Gas Tank Cap	16	1623-233	6	Clamp, Hose
4	0570-114	1	ø Sensor, Fuel Level (inc. 5-7)	17	0470-527	1	Fitting, Straight
5	0423-603	1	ø ø Clamp, Hose	18	0470-519	1	Pump, Fuel
6	0470-475	1	ø ø Filter, Fuel	19	8476-620	2	Screw, Machine
7	0470-521	1	ø ø Seal, Fuel Level Sensor	20	0623-038	2	Nut, Lock
8	1623-158	4	ø Screw, Self-Tapping	21	0470-479	1	Shield, Heat
9	<u>0470-567</u>	1	ø Plate, Mounting - Fuel Level Sensor	22	0470-474	1	Shield, Heat
10	<u>0570-131</u>	1	Strap, Gas Tank Mounting	23	0623-791	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



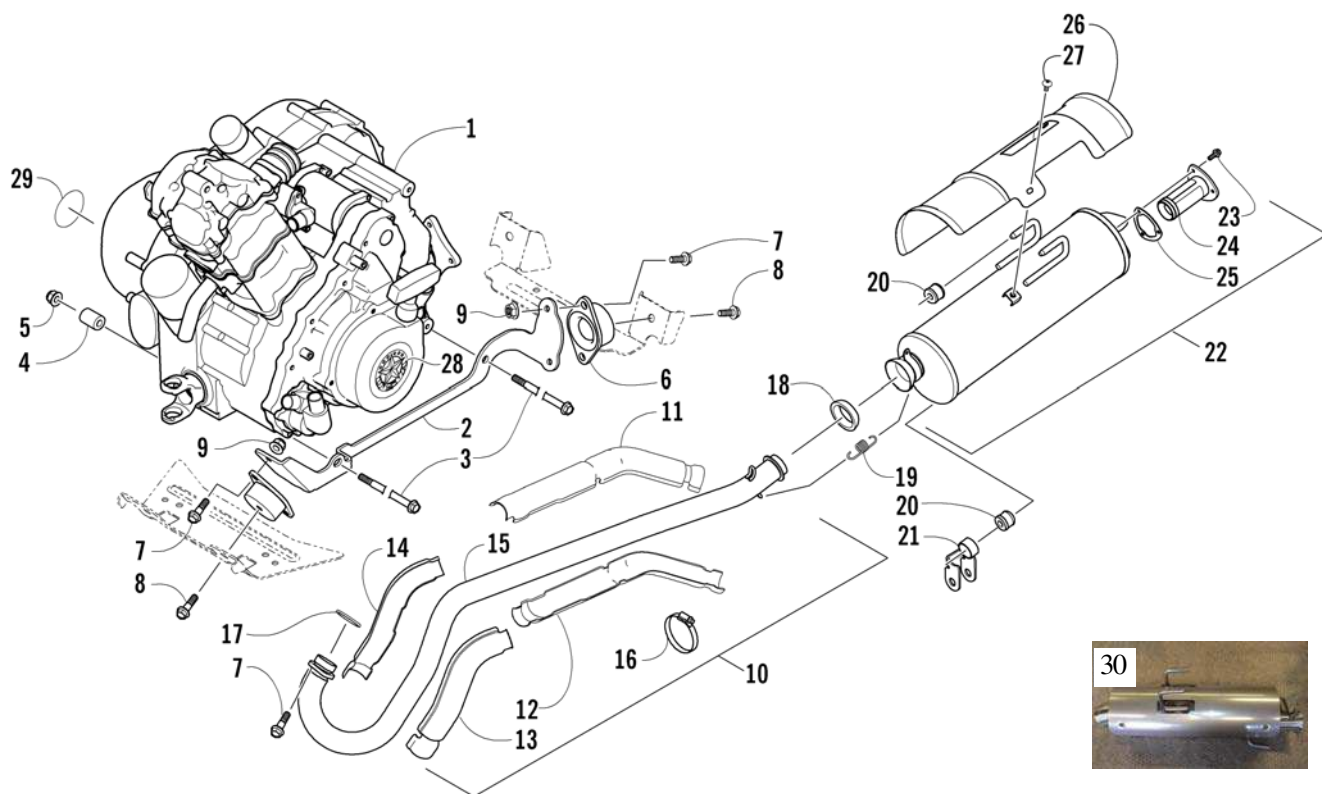
AIR INTAKE ASSEMBLY

0740-746

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-091	1	Diverter, Air - Top	13	0470-516	1	Screen, Air Filter
2	0413-093	1	Diverter, Air - Bottom	14	2406-009	1	Panel, Shield
3	0470-442	2	Valve, Drain	15	0470-515	1	Housing, Air Intake
4	1406-973	1	Shroud, Splash	16	0423-455	4	Clip, Spring
5	0623-362	2	Rivet, Reinstallable	17	0423-554	1	Clamp, Boot
6	0423-551	3	Clamp	18	0470-511	1	Boot, Carburetor
7	0423-342	7	Screw, Self-Tapping	19	0423-019	1	Clamp, Boot
8	0413-096	1	Cap, Air Intake - Diverter	20	0470-648	1	Carburetor, CVK40-EC
9	0470-529	1	Boot, Air Intake	21	0510-592	1	Hose, Carburetor Drain
10	0423-454	2	Clip, Mounting - Air Intake	22	0423-045	2	Clamp, Hose
11	0470-554	1	Cover, Air Intake	23	0410-079	1	Hose, Vent - Crankcase
12	0470-663	1	Filter, Air				



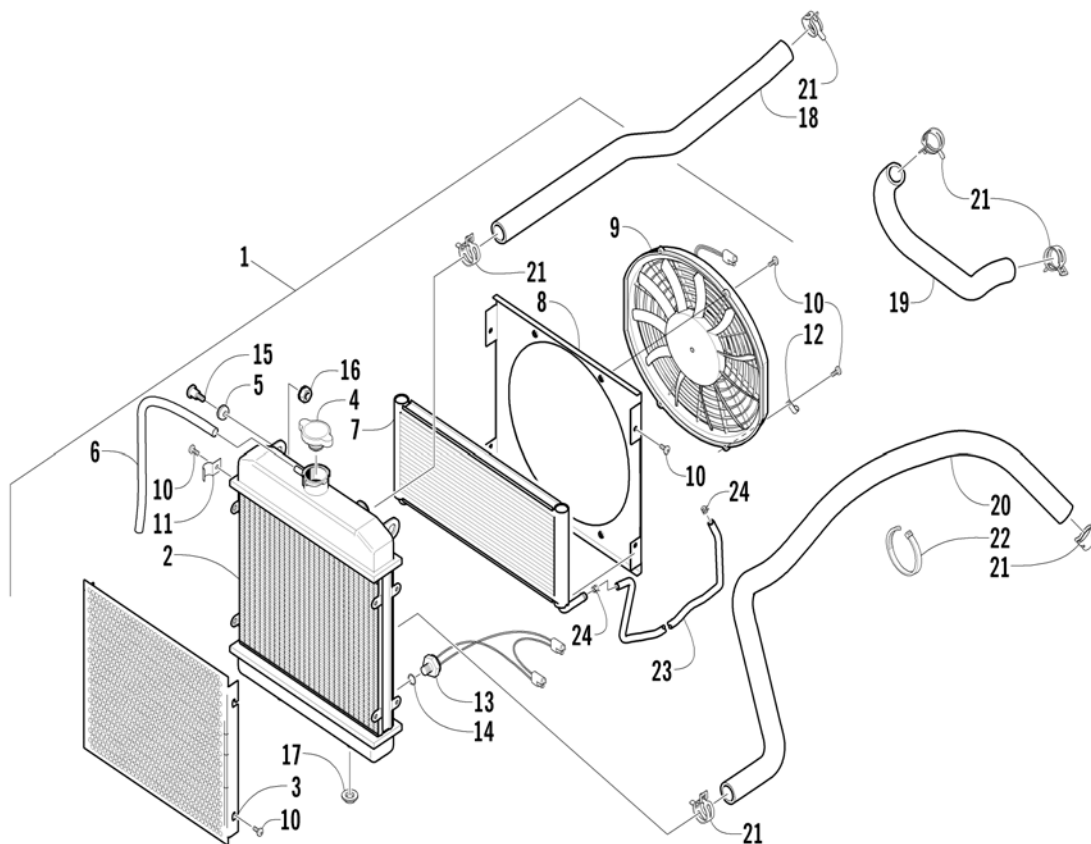
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5990-839	1	Battery Cover/Tool Tray Assy (inc. 2-3)	6	0645-152	1	Ø Clamp, Hose
2	1406-507	1	Ø Cover, Battery	7	0645-263	1	Ø Hose, Battery Vent
3	0406-288	2	Ø Pad, Battery	8	0645-151	1	Ø Label, Warning - Battery
*	0444-122	1	Kit, Tool	9	0123-903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



ENGINE AND EXHAUST

0741-108R

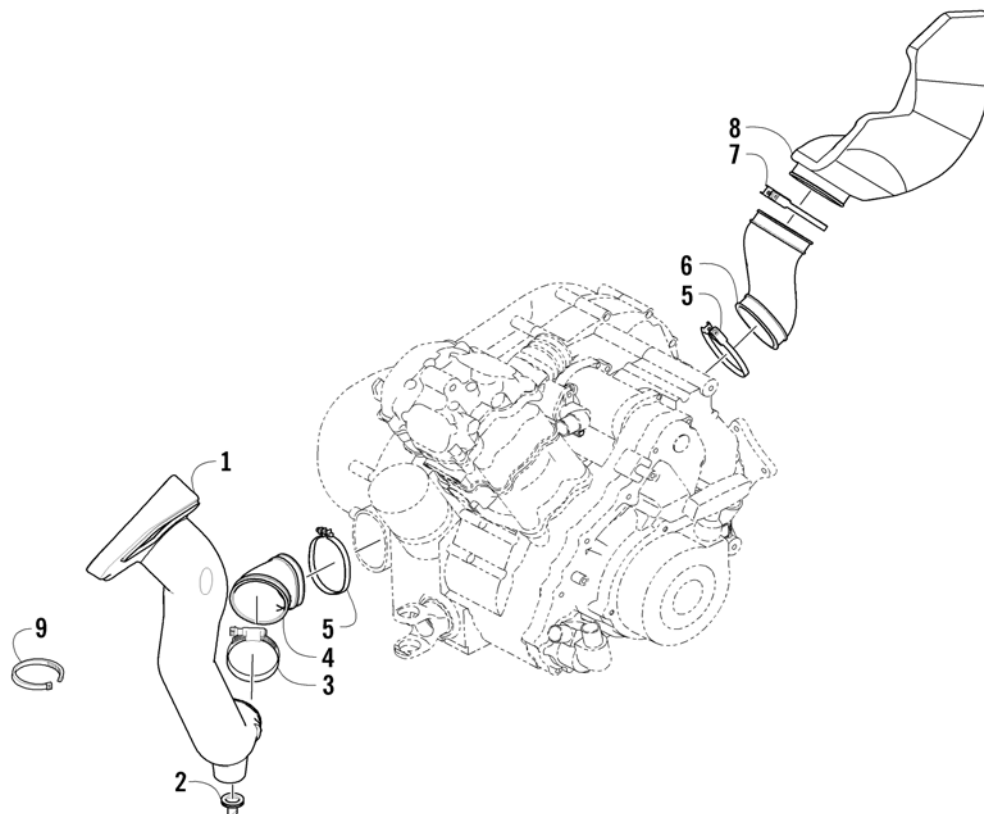
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0800-016	1	Engine	16	0423-317	3	ø Hose Clamp
2	<u>1506-740</u>	1	Bracket, Engine - Right	17	0412-338	1	Gasket, Exhaust Pipe
	<u>1506-741</u>	1	Bracket, Engine - Left	18	0412-256	1	Seal, Exhaust
3	0423-405	2	Screw, Cap	19	0612-668	2	Spring, Extension
4	0423-042	2	Spacer, Engine	20	0412-215	3	Bushing, Exhaust Pipe
5	8428-002	2	Nut, Lock	21	<u>1506-732</u>	1	Channel, Muffler Support
6	2406-065	4	Mount, Rubber - Engine	22	0512-289	1	Muffler Assembly (inc. 23-25)
7	8408-820	10	Screw, Cap	23	8408-616	3	ø Screw, Cap
8	8408-012	4	Screw, Cap	24	0512-219	1	ø Arrestor, Spark Assembly
9	8432-802	8	Nut	25	0412-313	1	ø Gasket, Spark Arrestor
10	<u>0512-362</u>	1	Pipe, Exhaust - Assembly (inc. 11-16)	26	0412-329	1	Cover, Muffler
11	0412-355	1	ø Shield, Exhaust Pipe - Outer - Rear	27	8477-610	4	Screw, Machine
12	0412-354	1	ø Shield, Exhaust Pipe - Inner - Rear	28	1411-176	1	Decal - "Duramatic"
13	0412-349	1	ø Shield, Exhaust Pipe - Inner - Front	29	1411-177	1	Decal - "USA"
14	0412-348	1	ø Shield, Exhaust Pipe - Outer - Front	30	AC004-707	1	Exhaust Model 2006
15	<u>0512-362</u>	1	ø Pipe, Exhaust				



COOLING ASSEMBLY

0740-369

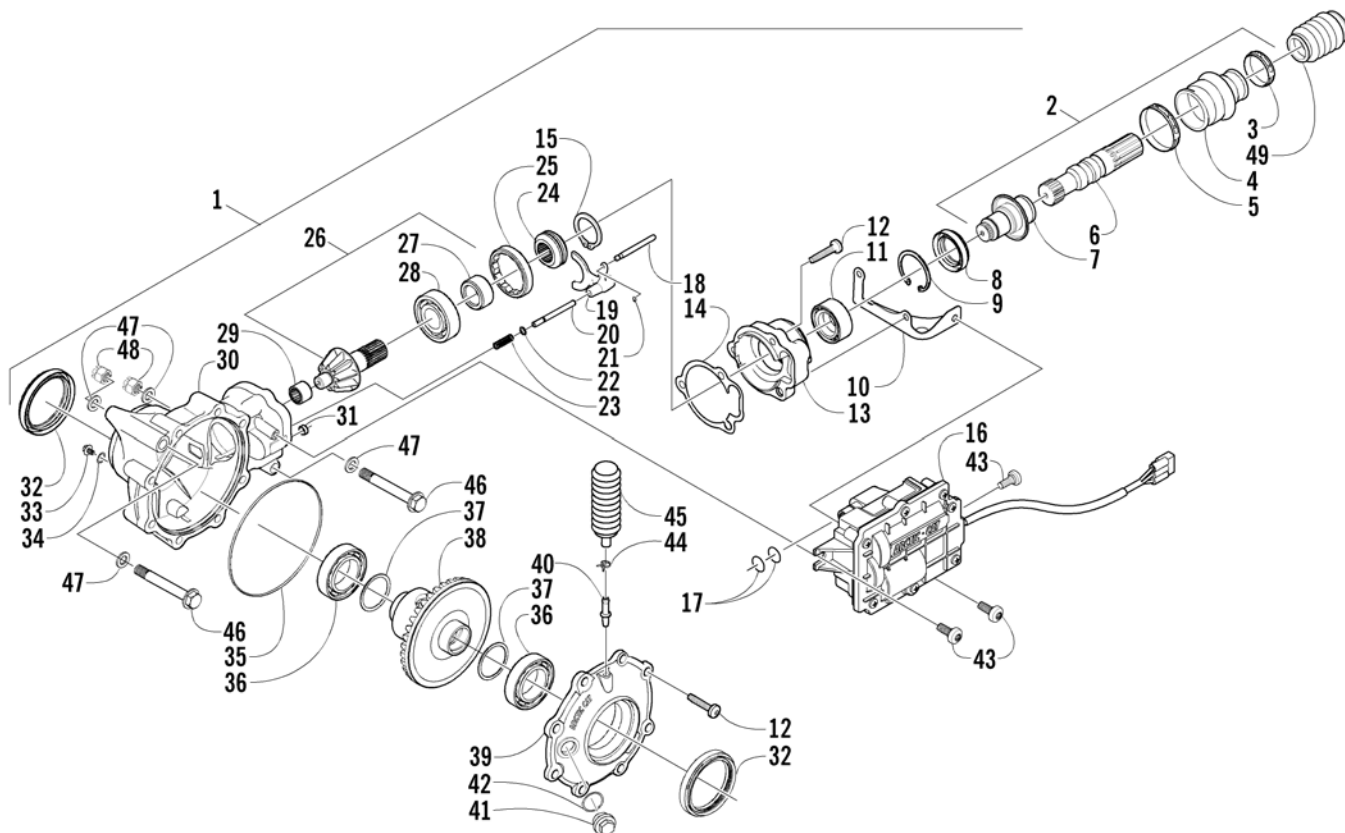
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-116	1	Radiator Assembly (inc. 2-14)	13	0413-045	1	ø Sender, Temperature - Coolant
2	0413-043	1	ø Radiator	14	0423-390	1	ø O-Ring
3	0413-007	1	ø Screen, Radiator	15	0423-484	2	Screw, Shoulder
4	0413-002	1	ø Cap, Radiator	16	0623-038	2	Nut w/Washer
5	0423-030	2	ø Grommet	17	0423-028	2	Bushing, Stem
6	0610-016	AR	ø Hose - 25 ft	18	0410-002	1	Hose, Coolant - Upper
7	0413-122	1	ø Cooler, Oil	19	0410-022	1	Hose, Coolant - Crossover
8	0413-124	1	ø Shroud, Fan	20	0410-041	1	Hose, Coolant - Lower
9	0413-123	1	ø Fan, Cooling	21	0423-496	6	Clamp, Hose
10	8475-512	12	ø Screw, Machine	22	0123-788	2	Cable Tie
11	0423-351	1	ø Clamp, Wire	23	0410-100	2	Hose, Oil Cooler
12	0123-397	1	ø Clamp, Cable	24	0423-632	4	Clamp, Hose



CASE/BELT COOLING ASSEMBLY

0740-881

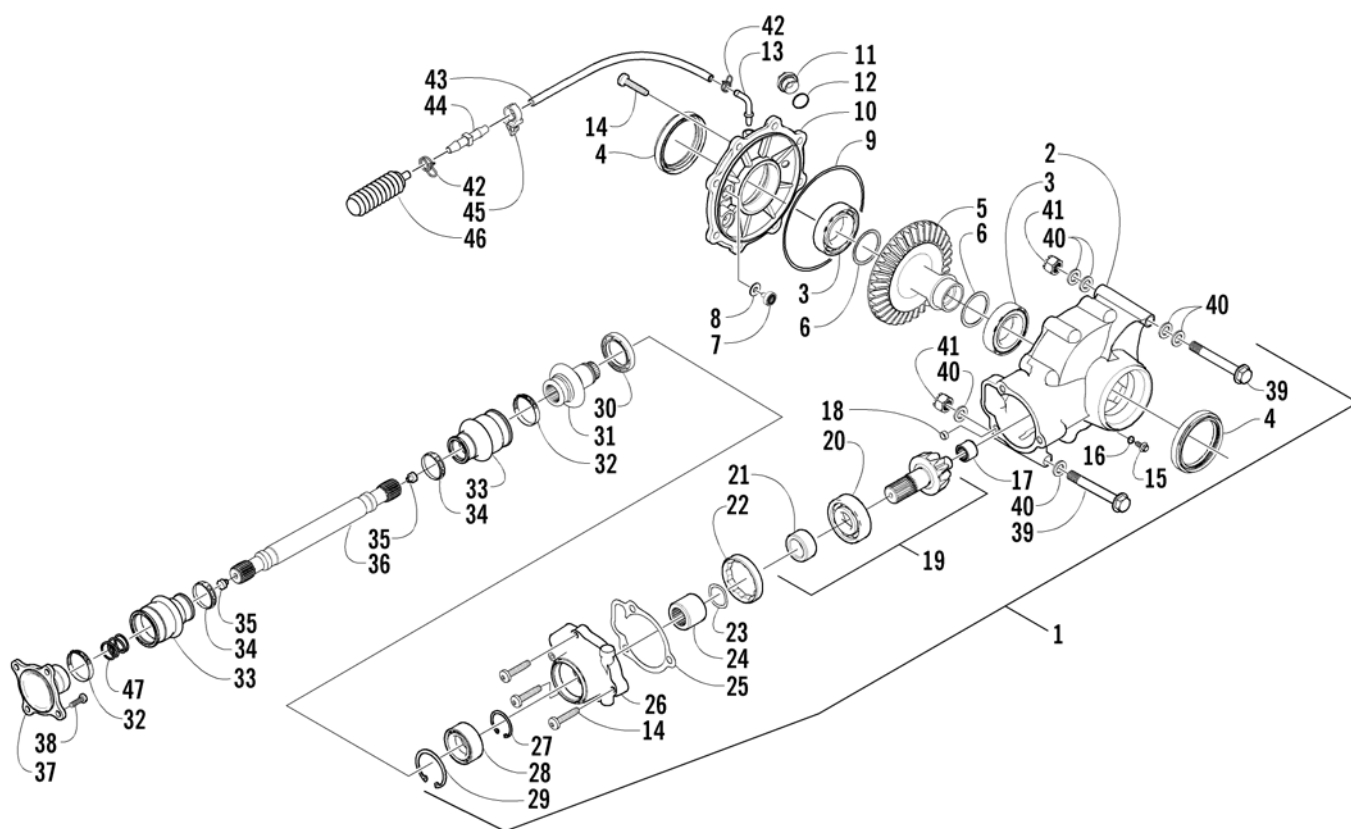
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-115	1	Duct, Belt Cooling - Front	6	0413-097	1	Boot, Duct - Rear
2	0470-442	1	Valve, Drain	7	0423-554	1	Clamp, Boot
3	0423-578	1	Clamp, Boot	8	0413-119	1	Duct, Belt Cooling - Rear
4	0413-114	1	Boot, Duct - Front	9	0123-903	1	Cable Tie - 11.5 in.
5	0423-539	2	Clamp, Boot				



FRONT DRIVE GEARCASE ASSEMBLY

0740-941

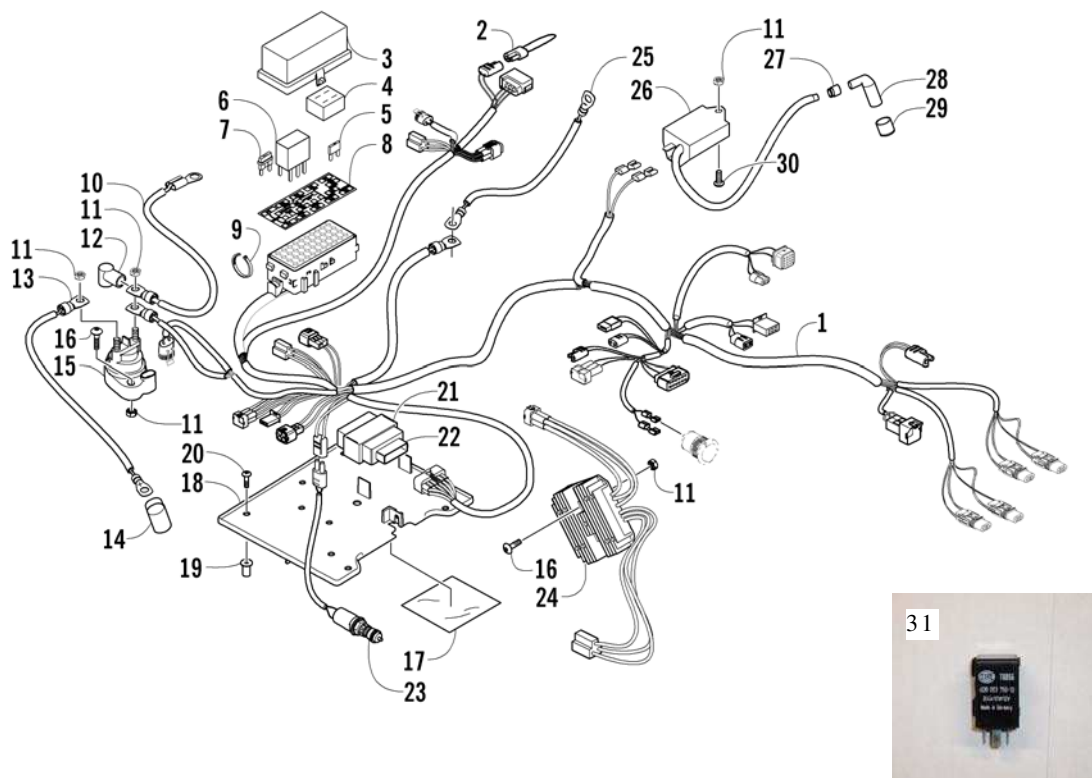
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-816	1	Gearcase, Front Drive - Assembly (inc. 2-43)	27	0402-336	1	ø ø Collar, Retaining
2	0502-385	1	ø Shaft, Propeller - Assembly (inc. 3-7)	28	0402-327	1	ø ø Bearing
3	0423-411	1	ø ø Clamp, Boot	29	0402-328	1	ø Bearing
4	0402-985	1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

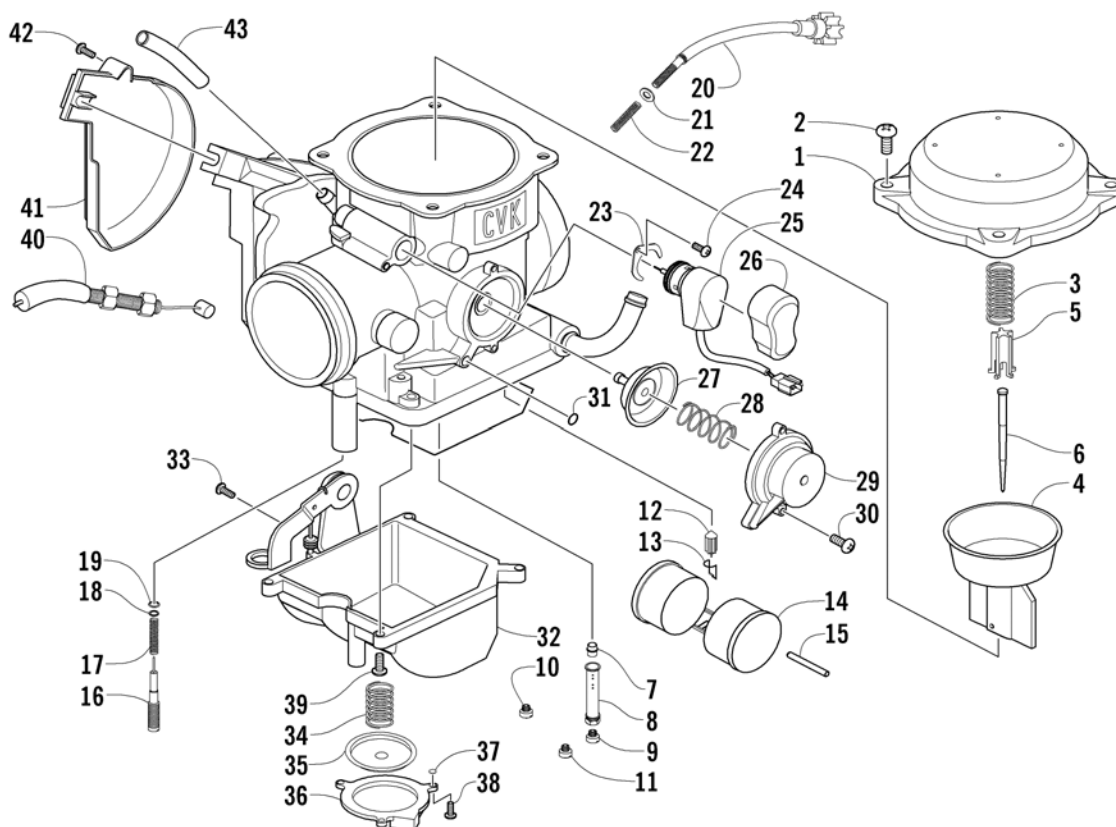
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-820	1	Gearcase, Rear Drive - Assembly (inc. 2-31)	20	0402-327	1	ø ø Bearing
2	0502-622	1	ø Housing, Gearcase	21	0402-336	1	ø ø Collar, Retaining
3	0402-393	2	ø Bearing	22	0402-331	1	ø Collar, Lock
4	0402-394	2	ø Seal	23	0402-982	1	ø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



WIRING HARNESS ASSEMBLY

0741-110

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-193 0486-200	4 1	Harness, Main (inc. 2-8 and two No. 9) Harness, Main 06 Europe	15	0445-036	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	1406-787	1	Tray, Electrical
5	0430-034	3	ø Diode	19	0123-010	4	Nut, Expansion
6	0430-033	3	ø Relay	20	0623-121	4	Screw, Machine
7	0430-032	4	ø Fuse - 10 Amp	21	3402-684	1	Cushion, CDI Unit
	0430-031	3	ø Fuse - 15 Amp	22	0824-034	1	CDI Unit
	0430-030	2	ø Fuse - 30 Amp	23	0409-072	1	Switch, Brake - Assembly
8	0411-828	1	ø Decal, Fuse Block	24	0824-037	1	Regulator, Voltage
9	0123-788	AR	ø Cable Tie - 7.5 in.	25	0445-045	1	Cable, Battery/Ground
10	0445-044 0445-053	4 1	Cable, Solenoid/Starter Cable, Solenoid/Starter Europe	26	0824-036	1	Coil, Ignition - Assembly
11	0623-038	7	Nut w/Washer	27	3430-009	4	Seal, High Tension Wire
12	0645-327	1	Boot, Terminal	28	0824-021	1	Cap, Spark Plug
13	0445-046 0445-055	4 1	Cable, Battery/Solenoid Cable, Battery/Relay Europe	29	3430-008	4	Seal, Spark Plug
14	0645-019	1	Boot, Terminal	30	8476-620	1	Screw, Machine
				31	AC003-149	1	Relay, Indicator

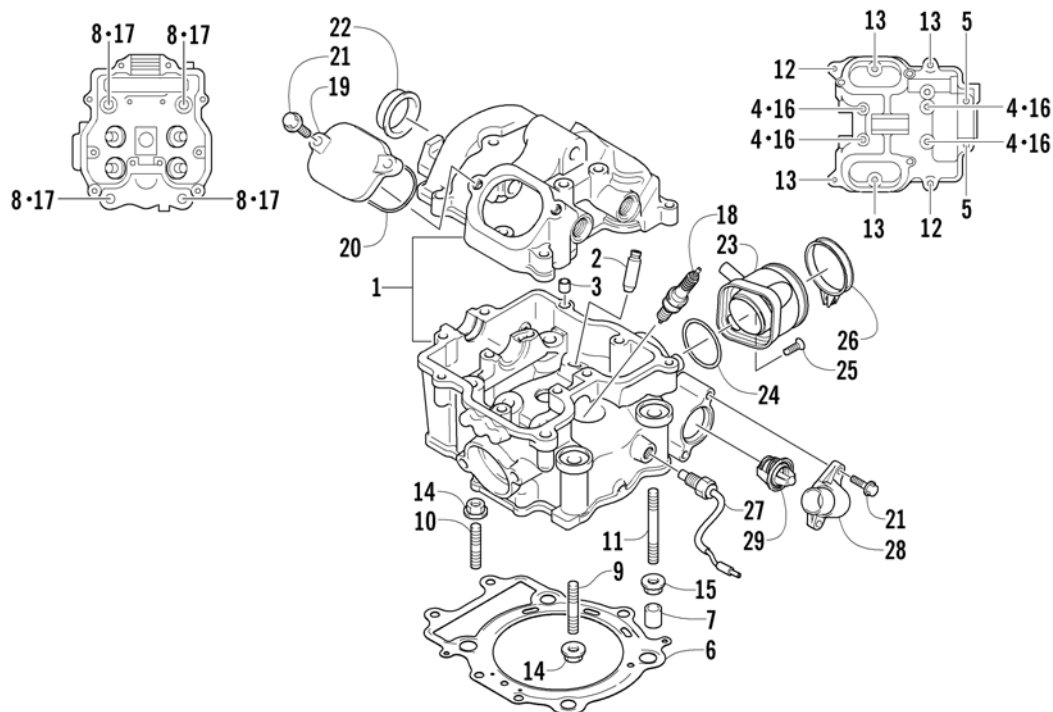


CARBURETOR

CVK40-EC (Complete Assembly p/n 0470-648)

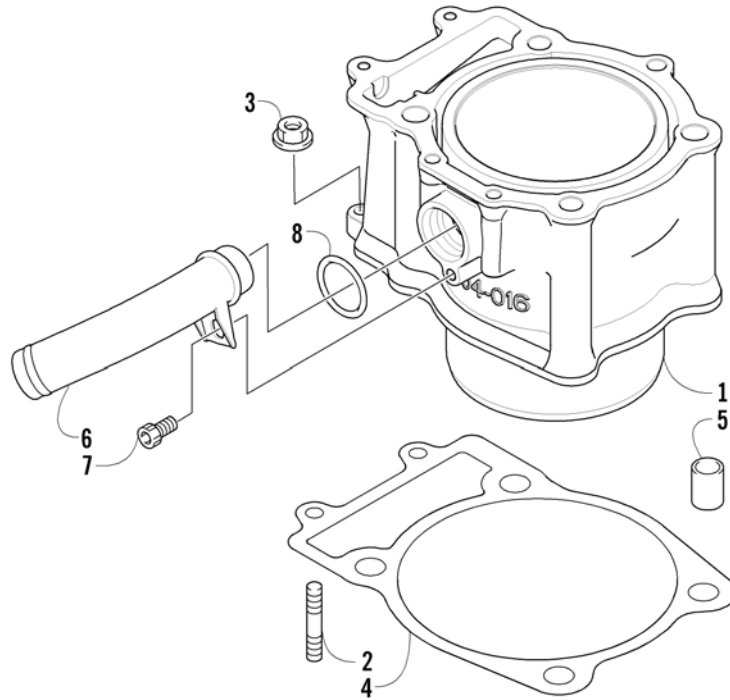
0740-600 *Not a Service Part **Optional

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-186	1	Cover, Top	17	*	1	ø Spring
2	5507-187	4	Screw, Top Cover	18	*	1	ø Washer
3	5507-188	1	Spring	19	*	1	ø O-Ring
4	5507-189	1	Piston, Vacuum	20	5507-027	1	Screw, Idle Adjust
5	5507-190	1	Seat, Spring	21	5507-028	1	Washer
6	5507-191	1	Jet Needle	22	5507-029	1	Spring
7	5507-192	1	Needle Jet	23	5507-115	1	Plate
8	5507-193	1	Holder, Needle Jet	24	5507-117	1	Screw
9	5507-076	1	Main Jet - 138	25	5507-196	1	Choke, Electric
	5507-072	1	Main Jet - 125**	26	5507-114	1	Cover, Electric Choke
	5507-073	1	Main Jet - 128**	27	5507-116	1	Diaphragm Assembly
	5507-074	1	Main Jet - 130**	28	5507-104	1	Spring
	5507-075	1	Main Jet - 132**	29	5507-105	1	Cover
	5507-057	1	Main Jet - 135**	30	5507-106	2	Screw
	5507-043	1	Main Jet - 142**	31	5507-102	1	U-Ring
	5507-042	1	Main Jet - 145**	32	*	1	Chamber, Float - Assembly (inc. 33-39)
	5507-041	1	Main Jet - 148**	33	5507-195	1	ø Screw, Drain
	5507-086	1	Main Jet - 148**	34	5507-032	1	ø Spring
	5507-009	1	Main Jet - 150**	35	5507-197	1	ø Diaphragm Assembly - Pump Housing
	5507-077	1	Main Jet - 152**	36	*	1	ø Housing, Pump
	5507-078	1	Main Jet - 155**	37	5507-034	1	ø U-Ring
10	5507-194	1	Slow Jet	38	5507-035	3	ø Screw
11	5507-112	1	Starter Jet - 85	39	5507-067	1	ø O-Ring, Float Chamber
12	5507-183	1	Valve, Float - Set (inc. 13)	40	0487-021	1	Cable, Throttle
13	*	1	ø Clip	41	5507-036	1	Cover
14	5507-039	1	Float Set (inc. 15)	42	5507-037	1	Screw
15	*	1	ø Pin, Float	43	0410-056	1	Hose, Vent
16	5507-111	1	Screw, Pilot Air - Set (inc. 17-19)	44	5507-017	4	Screw



CYLINDER HEAD ASSEMBLY

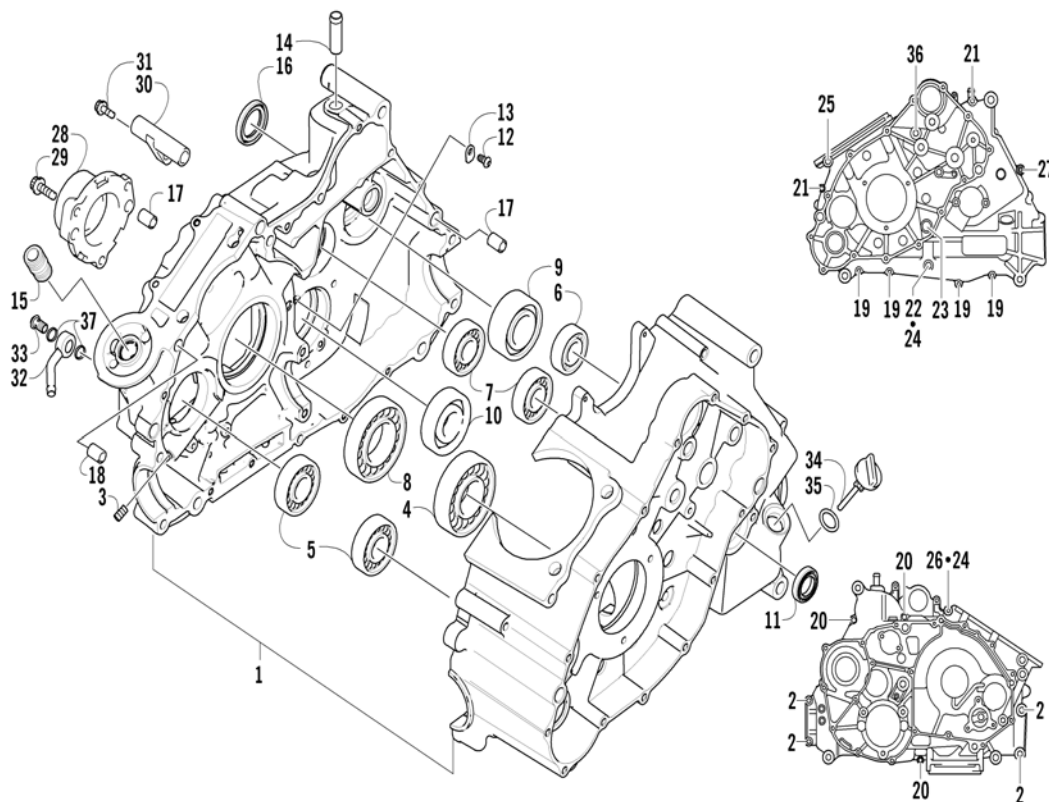
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0808-047	1	Head, Cylinder - Assembly (inc. 2-4)	16	0830-107	4	Gasket - Seal, Fastener
2	0808-002	4	ø Guide, Valve	17	0830-003	4	Washer, Crush
3	0829-001	2	ø Dowel, Sleeve	18	0217-727	1	Spark Plug (RG6YC)
4	0826-001	4	ø Screw, Cap	19	0808-003	2	Cap, Inspection
5	0826-002	2	Screw, Cap	20	0830-004	2	O-Ring
6	0830-124	1	Gasket, Cylinder Head	21	0826-007	4	Screw, Cap
7	0829-002	2	Pin, Dowel	22	0808-077	1	Plug, Cylinder Head
8	0808-104	4	Screw, Cap	23	0570-101	1	Pipe, Intake - Assembly
9	0827-030	2	Bolt, Stud	24	0830-090	1	O-Ring
10	0827-002	2	Bolt, Stud	25	0826-008	2	Screw, Machine
11	0827-031	1	Bolt, Stud	26	0423-066	1	Clamp, Intercooler
12	0826-005	2	Screw, Cap	27	0808-007	1	Switch, Water Temperature - Assembly
13	0826-006	4	Screw, Cap	28	0808-008	1	Cover, Thermostat
14	8424-604	4	Nut	29	0808-078	1	Thermostat
15	8424-804	1	Nut				



CYLINDER ASSEMBLY

0737-039

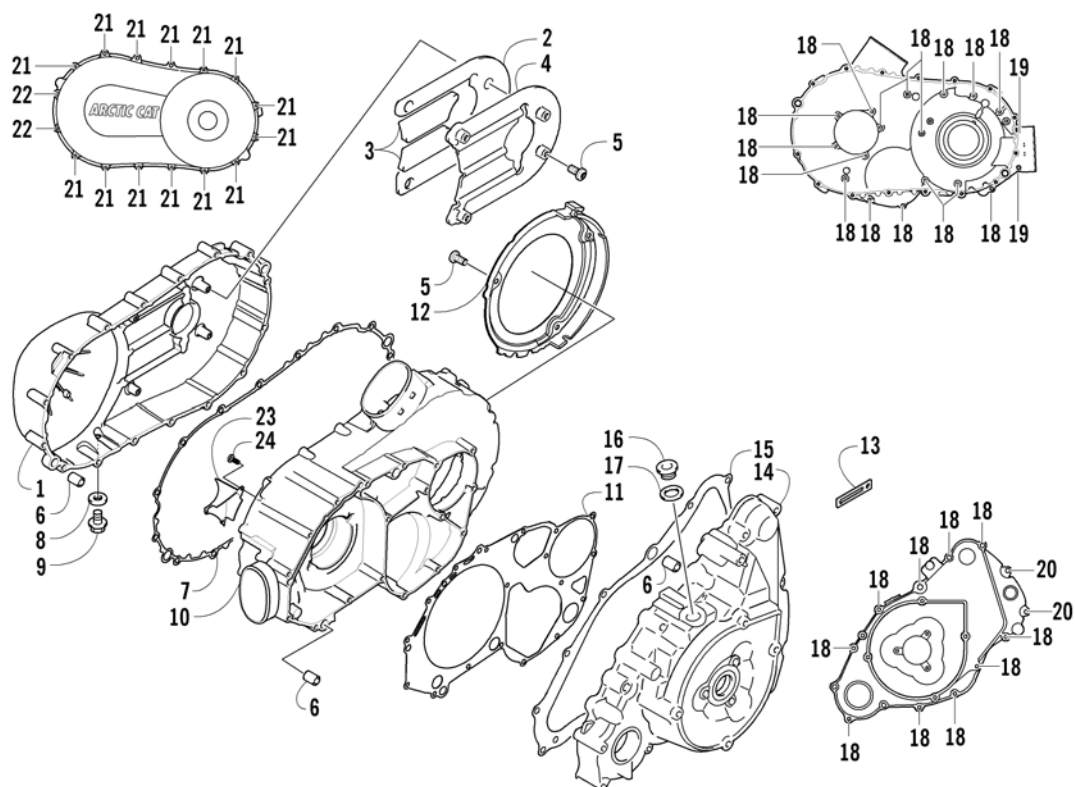
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0804-016	1	Cylinder	5	0829-002	2	Pin, Dowel
2	0827-002	2	Bolt, Stud	6	0804-002	1	Union, Water Hose
3	8424-604	2	Nut	7	8468-612	1	Screw, Machine
4	0830-084	1	Gasket, Base	8	0830-007	1	O-Ring



CRANKCASE ASSEMBLY

0739-843

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0801-056	1	Crankcase Assembly (inc. 2-16)	20	8468-655	3	Screw, Machine
2	8412-850	4	Ø Screw, Cap	21	8468-675	2	Screw, Machine
3	0801-002	2	Ø Plug	22	8412-860	1	Screw, Cap
4	0832-003	1	Ø Bearing	23	0826-017	1	Screw, Cap
5	0832-005	2	Ø Bearing	24	0830-008	2	Gasket
6	0832-013	1	Ø Bearing	25	0826-019	1	Screw, Cap
7	0832-014	2	Ø Bearing	26	0826-018	1	Screw, Cap
8	0832-002	1	Ø Bearing	27	8468-695	1	Screw, Machine
9	0832-012	1	Ø Bearing	28	0801-006	1	Housing, Secondary Shaft Bearing
10	0832-015	1	Ø Bearing	29	0826-105	3	Bolt
11	0822-052	1	Ø Seal, Countershaft	30	0801-069	1	Pipe, Breather
12	0826-100	2	Ø Screw, Cap	31	0826-038	1	Bolt, Breather Pipe
13	0822-010	2	Ø Retainer, Bearing	32	0812-028	2	Fitting, Oil Cooler
14	0801-028	1	Ø Pipe, Breather	33	0812-025	2	Bolt, Oil Cooler Fitting
15	0812-008	1	Ø Union, Oil Filter	34	0801-005	1	Stick, Oil Level
16	0830-035	1	Ø Seal, Driveshaft	35	0830-010	1	O-Ring, Oil Level Stick
17	0829-002	5	Pin, Dowel	36	8468-680	1	Screw, Machine
18	0829-003	1	Pin, Dowel	37	0812-026	4	Gasket
19	8468-645	4	Screw, Machine				

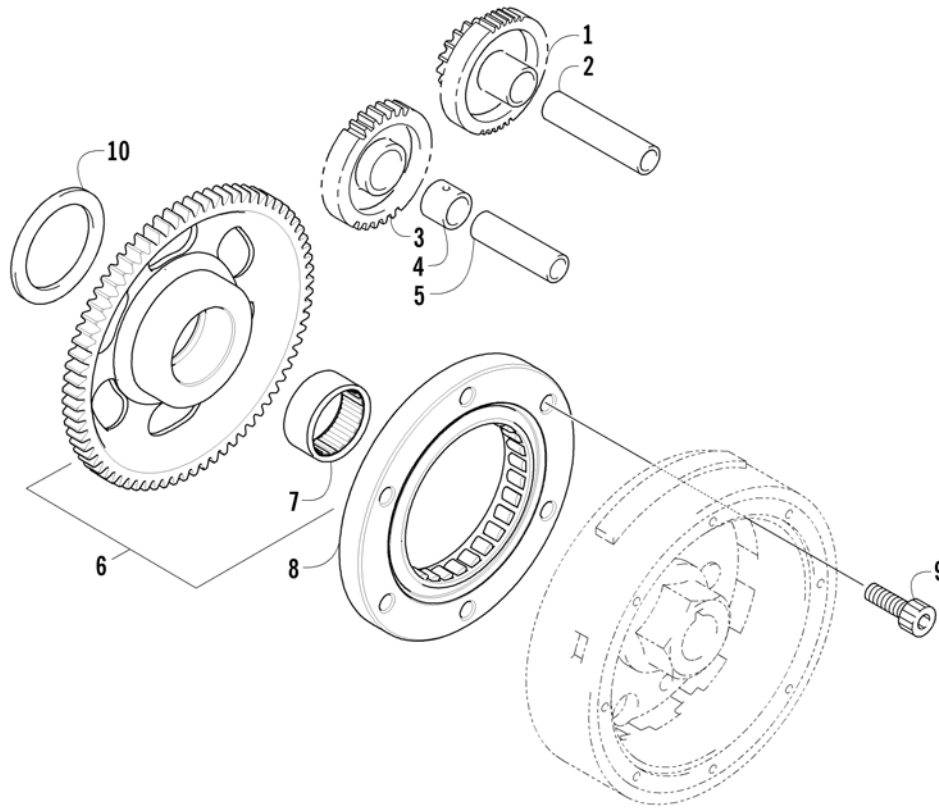


CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0740-246

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0806-014	1	Cover, V-Belt	13	3002-964	1	Clamp, Wire
2	0806-015	1	Damper, V-Belt Cover	14	0806-021	1	Cover, Magneto
3	0806-016	2	Damper, V-Belt Cover	15	<u>0830-128</u>	1	Gasket, Magneto Cover
4	0806-017	1	Plate, V-Belt Cover	16	0806-022	1	Plug
5	0826-029	7	Screw	17	0830-015	1	Gasket, Plug
6	0829-002	4	Pin, Dowel	18	8468-640	26	Screw, Machine
7	0830-012	1	Gasket, V-Belt Cover	19	8468-675	2	Screw, Machine
8	0830-013	1	Gasket	20	8468-625	2	Screw, Machine
9	8408-812	1	Screw, Cap	21	8468-645	13	Screw, Machine
10	0806-013	1	Cover, Clutch	22	8468-655	2	Screw, Machine
11	0830-116	1	Gasket, Clutch Cover	23	<u>8470-645</u>	1	Screw, Machine
12	0806-048	1	Plate, Air Intake				

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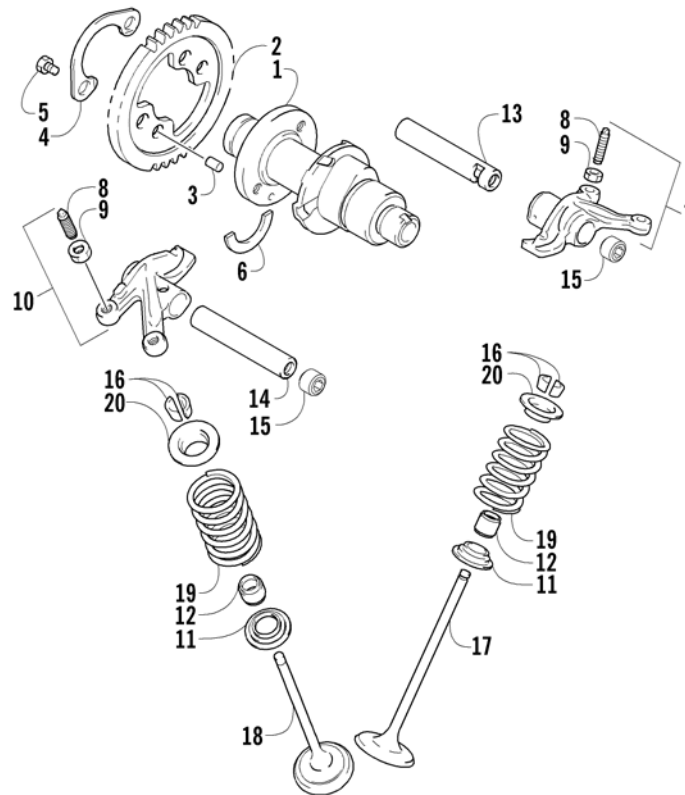


STARTER CLUTCH ASSEMBLY

0737-043

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0815-001	1	Gear, Starter Idler - No. 1	6	0815-004	1	Gear, Starter Clutch (inc. 7)
2	<u>0829-031</u>	1	Shaft, Starter Gear	7	0832-004	1	3/8 Bearing
3	0815-002	1	Gear, Starter Idler - No. 2	8	0802-035	1	Clutch, Starter
4	0815-003	1	Spacer, Starter Idler Gear No. 2	9	0826-069	6	Screw, Machine
5	<u>0829-032</u>	1	Shaft, Starter Gear	10	0828-002	1	Washer

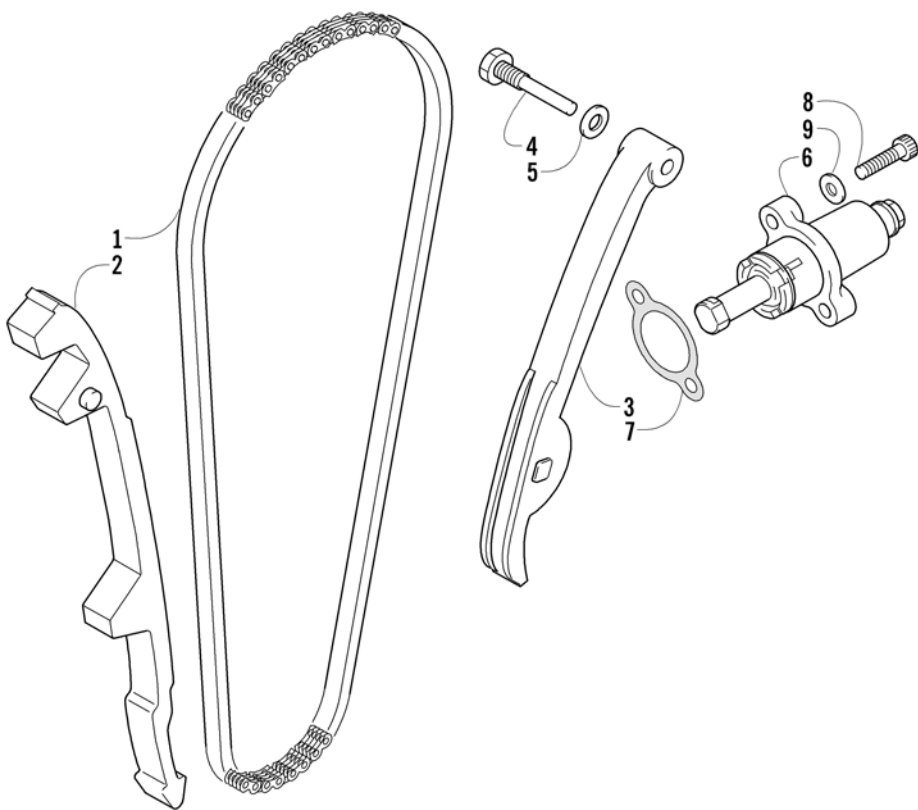
32



CAMSHAFT/VALVE ASSEMBLY

0739-847

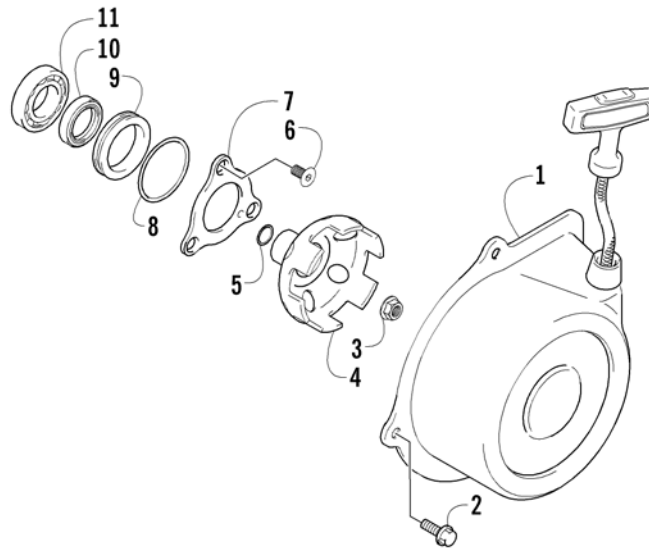
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0809-128</u>	1	Camshaft	11	0809-006	4	Seat, Spring
2	0809-002	1	Sprocket	12	0830-016	4	Seal, Oil
3	0829-008	1	Pin	13	0809-007	1	Shaft, Rocker Arm
4	0828-004	1	Washer	14	0809-008	1	Shaft, Rocker Arm
5	0826-034	2	Bolt	15	0831-041	2	Plug, Shaft
6	0809-003	1	C-Ring	16	0809-014	8	Cotter, Valve
7	<u>0809-134</u>	1	Arm, Valve Rocker - Intake (inc. two No. 8-9)	17	0809-039	2	Valve, Intake
8	0809-033	4	ø Screw	18	0809-040	2	Valve, Exhaust
9	0827-007	4	ø Nut	19	<u>0809-138</u>	4	Spring, Valve
10	<u>0809-136</u>	1	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)	20	0809-013	4	Retainer, Spring



CAM CHAIN ASSEMBLY

0737-051

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0810-001	1	Chain, Cam	6	0810-004	1	Adjuster, Tensioner - Assembly
2	0810-002	1	Guide, Chain	7	0830-018	1	Gasket
3	0810-003	1	Tensioner, Chain	8	8468-625	2	Screw, Machine
4	0826-036	1	Bolt	9	0830-107	2	Gasket
5	0830-025	1	Washer				

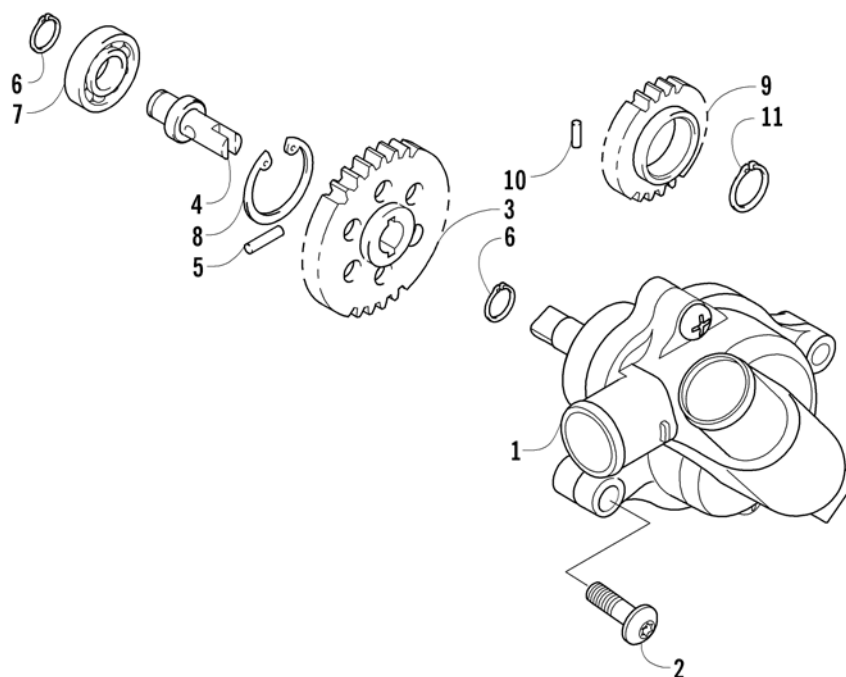


RECOIL STARTER ASSEMBLY

0737-034

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0820-001	1	Starter, Recoil - Assembly	7	0805-008	1	Retainer, Oil Seal
2	0826-038	4	Screw, Machine	8	0830-021	1	O-Ring
3	0827-008	1	Nut	9	0820-007	1	Spacer
4	<u>0820-036</u>	1	Cup, Starter	10	0830-022	1	Seal, Oil
5	0830-108	1	O-Ring	11	0832-006	1	Bearing
6	0826-031	3	Screw				

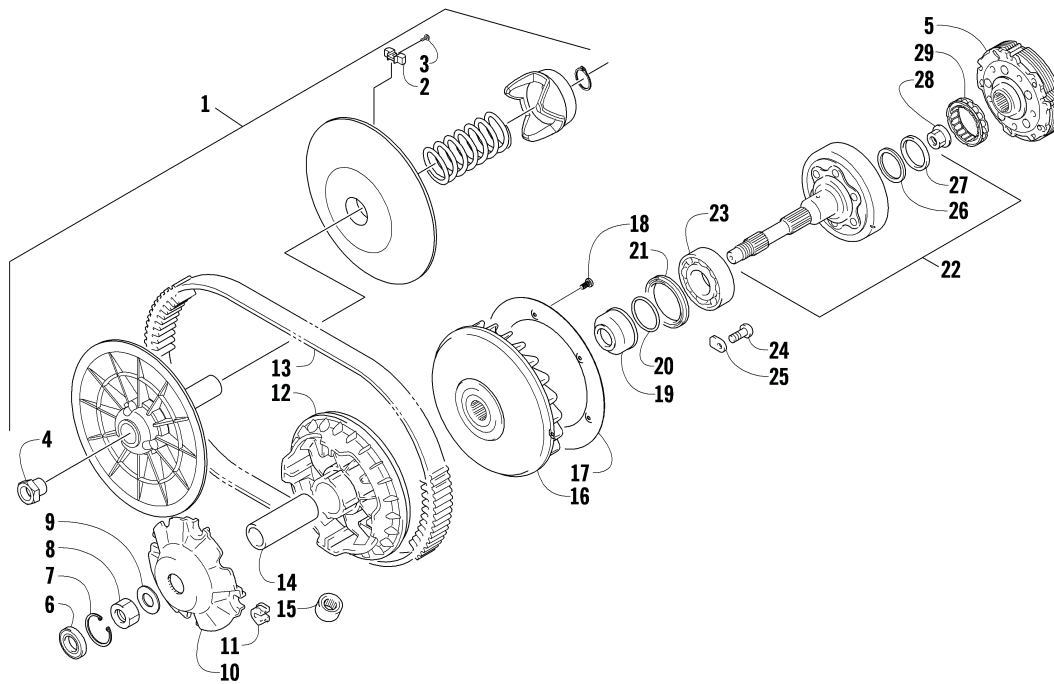
36



WATER PUMP ASSEMBLY

0737-052

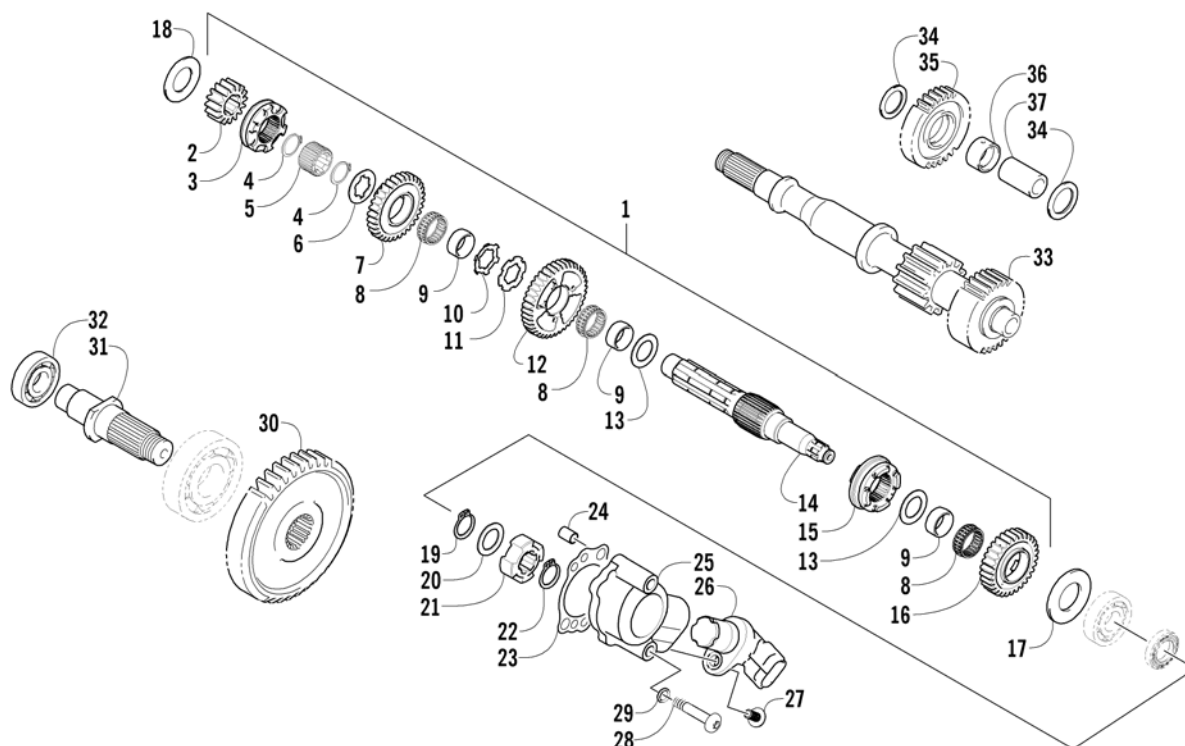
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0813-001	1	Pump, Water - Assembly	7	0832-008	1	Bearing, Shaft
2	8468-665	2	Screw, Machine	8	0831-004	1	Circlip, Shaft Bearing
3	0813-004	1	Gear, Driven	9	0811-003	1	Gear, Water Pump Drive
4	0813-005	1	Shaft, Driven Gear	10	0829-007	1	Pin, Drive Gear
5	0829-009	1	Pin, Driven Gear	11	0831-005	1	Circlip, Drive Gear
6	0831-002	2	Circlip, Driven Gear				



TRANSMISSION ASSEMBLY

0742-517

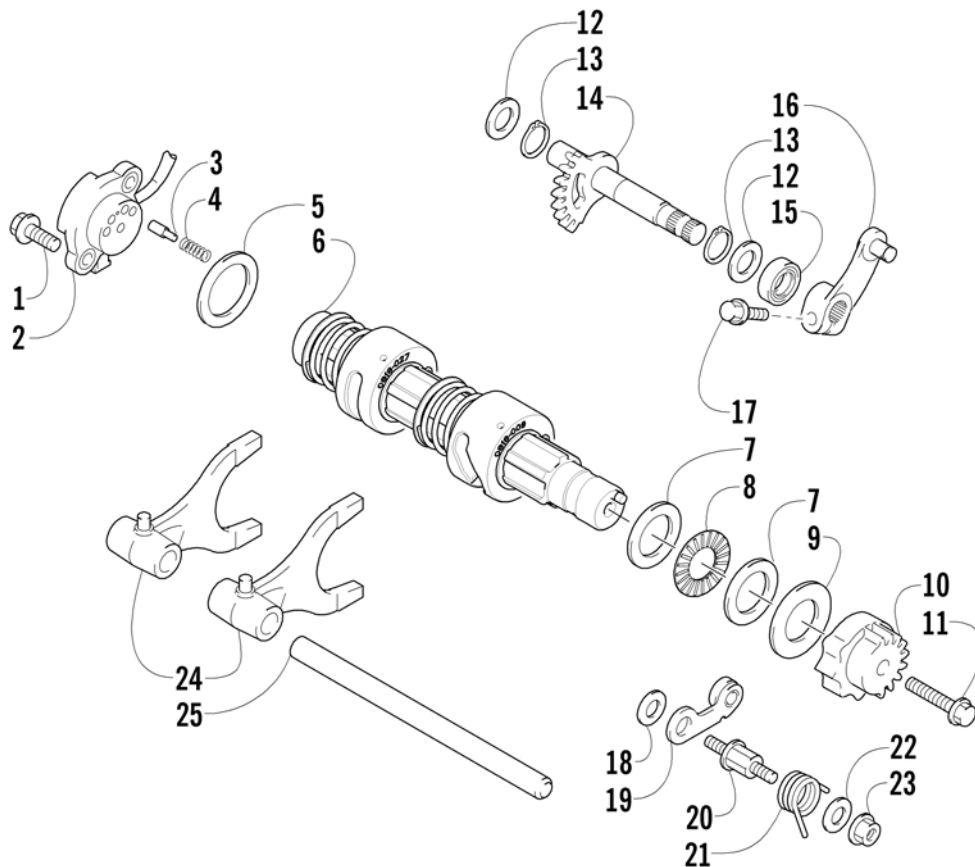
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-156	1	Face, Fixed Drive
2	0823-176	3	● Shoe, Cam	17	0823-131	1	Shroud, Drive Face
3	0823-177	3	● Screw, Cam	18	0623-914	6	Screw, Self-Tapping
4	0823-178	1	● Nut, Driven Pulley	19	0823-015	1	Spacer, Fixed Drive Face
5	0823-098	1	Clutch, Centrifugal - 6 Plate	20	0470-531	1	O-Ring
6	0832-060	1	Bearing	21	0830-034	1	Seal, Clutch Housing - Right
7	0831-078	1	Ring, Retaining	22	0823-096	1	Housing, Clutch - Assembly (inc. 26-27)
8	0827-010	1	Nut	23	0832-047	1	Bearing
9	0828-106	1	Washer	24	0826-029	2	Screw, Bearing Retainer
10	0823-008	1	Plate, Movable Drive Face	25	0822-084	2	Retainer, Bearing
11	0823-010	4	Damper, Movable Drive Face	26	0828-075	1	Shim
12	0823-159	1	Face, Movable Drive	27	0823-017	1	Seal, Clutch Housing - Left
13	0823-013	1	V-Belt	28	0827-011	1	Nut
14	0823-149	1	Spacer, Movable Drive Face	29	0823-018	1	Clutch, One-Way
15	0823-167	8	Roller, Movable Drive Face				



SECONDARY TRANSMISSION ASSEMBLY

0740-752

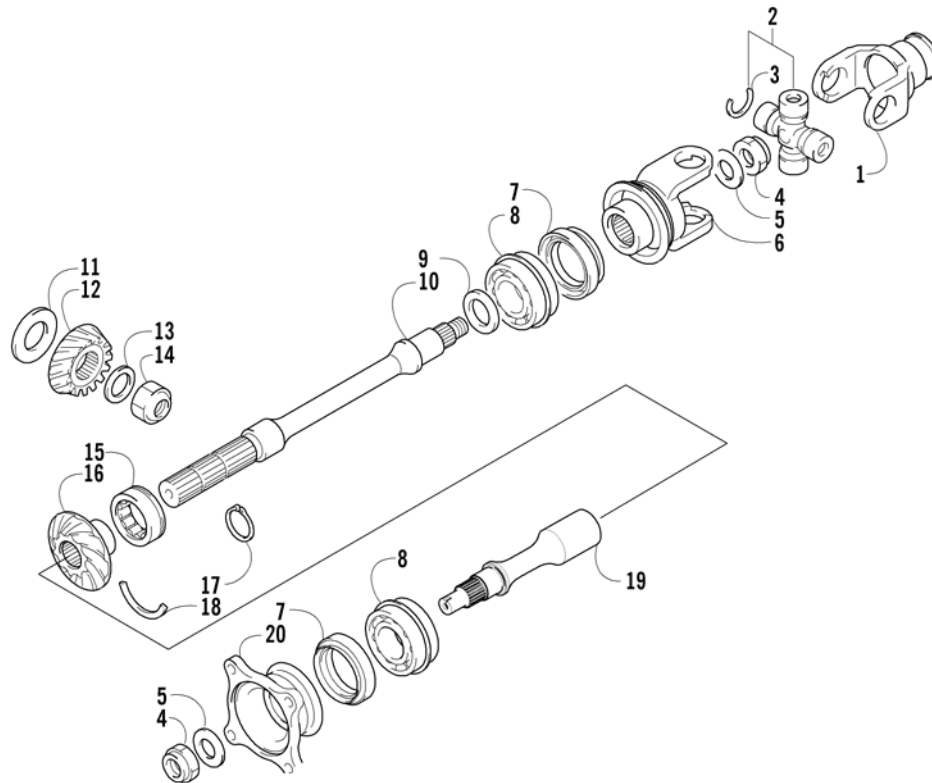
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0822-048	1	Countershaft Assembly (inc. 2-16)	20	0828-069	1	Washer, Thrust
2	0822-008	1	ø Gear, Drive - No. 2	21	0822-050	1	Trigger, Speedometer Sensor
3	0822-014	1	ø Dog, Reverse Driven Gear	22	<u>0831-039</u>	1	Ring, Retaining
4	0831-011	2	ø Circlip	23	<u>0830-129</u>	1	Gasket
5	0822-045	1	ø Spacer, Reverse Driven Gear	24	0829-023	2	Pin, Dowel
6	0828-008	2	ø Washer	25	0822-049	1	Housing, Speedometer Sensor
7	0822-013	1	ø Gear, Reverse Driven	26	0824-015	1	Sensor, Speedometer
8	0832-011	3	ø Bearing	27	8468-620	1	Screw, Machine
9	0822-005	3	ø Bushing	28	8468-645	2	Screw, Machine
10	0828-014	1	ø Washer, Lock	29	0830-107	2	Seal, Fastener
11	0828-015	1	ø Washer, Lock	30	0822-009	1	Gear, Driven - No. 2
12	0822-004	1	ø Gear, Driven - Low	31	0822-037	1	Shaft, Output
13	0822-046	2	ø Washer, Driven Gear	32	0832-014	1	Bearing
14	0822-003	1	ø Countershaft	33	0822-001	1	Driveshaft
15	0822-007	1	ø Dog, Sliding	34	0828-016	2	Washer, Reverse Idle Gear
16	0822-006	1	ø Gear, Driven - High	35	0822-011	1	Gear, Reverse Idle
17	0828-011	1	Washer, Drive Gear - Left	36	0822-012	1	Bushing, Reverse Idle Gear
18	0828-010	1	Washer, Drive Gear - Right	37	0822-015	1	Shaft, Reverse Idle
19	<u>0831-040</u>	1	Ring, Retaining				



GEAR SHIFTING ASSEMBLY

0737-055

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8470-520	2	Screw, Machine	14	0818-007	1	Shaft, Sub-Gear Shift
2	0818-049	1	Base, Gear Shift - Assembly	15	0830-044	1	Seal, Sub-Gear Shift Shaft
3	0818-013	2	Contact	16	0818-014	1	Arm, Select
4	0818-017	2	Spring	17	8468-620	1	Screw, Machine
5	0828-040	1	Washer, Shift Shaft	18	0828-038	1	Washer, Cam Stopper
6	0818-046	1	Shaft, Gear Shift - Assembly	19	0818-002	1	Stopper, Cam
7	0828-067	2	Washer, Shift Shaft	20	0818-004	1	Support, Cam Stopper
8	0832-034	1	Bearing	21	0818-028	1	Spring, Cam Stopper
9	0828-037	1	Washer, Gear Shift Cam Plate	22	0828-035	1	Washer, Cam Stopper Spring
10	0818-005	1	Plate, Gear Shift Cam	23	8424-602	1	Nut, Cam Stopper Spring
11	0826-006	1	Bolt, Gear Shift Cam Plate	24	0818-045	2	Fork, Shift
12	0828-036	2	Washer, Sub-Gear Shift Shaft	25	0818-006	1	Shaft, Shift Fork
13	0831-010	2	Circlip, Sub-Gear Shift Shaft				

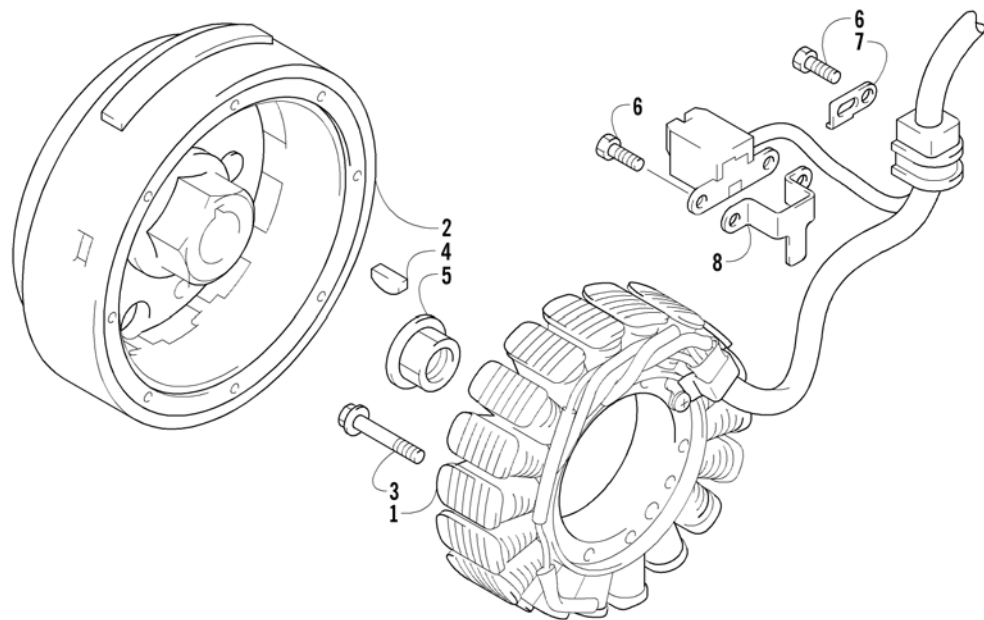


SECONDARY DRIVE ASSEMBLY

0737-056

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0819-063	1	Yoke, Propeller Shaft Joint	11	0828-030	AR	Shim, 24 x 34 x 0.25 mm
2	1402-164	1	Joint, Universal - Set (inc. 3)		0828-031	AR	Shim, 24 x 34 x 0.30 mm
3	0423-450	4	Ø Circlip		0828-032	AR	Shim, 24 x 34 x 0.35 mm
4	0827-013	2	Nut, Rear Output Joint		0828-033	AR	Shim, 24 x 34 x 0.90 mm
5	0828-020	2	Washer, Rear Output Flange		0828-018	AR	Shim, 24 x 34 x 0.95 mm
6	0819-061	1	Yoke, Drive Output - Front		0828-062	AR	Shim, 24 x 34 x 1.00 mm
7	0830-043	2	Seal, Oil - Driven Shaft		0828-063	AR	Shim, 24 x 34 x 1.05 mm
8	0832-017	2	Bearing, Driven Shaft		0828-064	AR	Shim, 24 x 34 x 1.10 mm
9	0828-021	AR	Shim, 25 x 34 x 0.25 mm		0828-065	AR	Shim, 24 x 34 x 1.15 mm
	0828-022	AR	Shim, 25 x 34 x 0.30 mm	12	0819-001	1	Gear, Secondary Drive
	0828-023	AR	Shim, 25 x 34 x 0.70 mm	13	0828-019	1	Washer
	0828-024	AR	Shim, 25 x 34 x 0.90 mm	14	0827-012	1	Nut
	0828-025	AR	Shim, 25 x 34 x 0.95 mm	15	0832-016	1	Bearing, Driven Gear
	0828-026	AR	Shim, 25 x 34 x 1.00 mm	16	0819-002	1	Gear, Secondary Driven
	0828-027	AR	Shim, 25 x 34 x 1.05 mm	17	0831-008	1	Circlip, Secondary Driven Gear
	0828-028	AR	Shim, 25 x 34 x 1.10 mm	18	0819-011	1	Ring, Driven Bearing
	0828-029	AR	Shim, 25 x 34 x 1.15 mm	19	0819-053	1	Shaft, Secondary Driven - Rear
10	0819-003	1	Shaft, Secondary Driven - Front	20	0819-005	1	Flange, Output Joint - Rear

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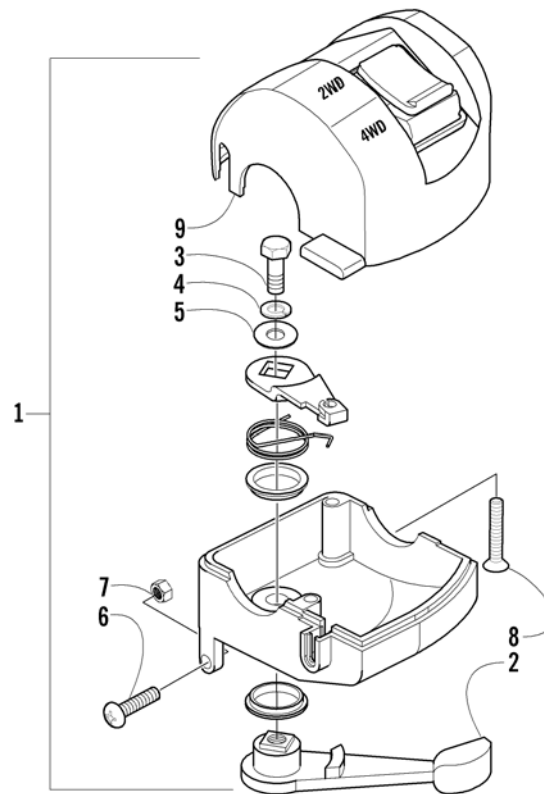


MAGNETO ASSEMBLY

0738-459

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0802-037	1	Stator - Assembly	5	0827-014	1	Nut
2	0802-036	1	Rotor/Flywheel	6	8470-510	3	Screw, Machine
3	0826-102	3	Screw, Machine	7	0802-015	1	Clamp - No. 1
4	0829-012	1	Key	8	0802-016	1	Clamp - No. 2

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THROTTLE CASE ASSEMBLY

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 650-H1 3in1

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

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