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650 3in1

STREET LEGAL



2008

frame number: *VADA644AV80X10001* - *VADA644AV80X10160*

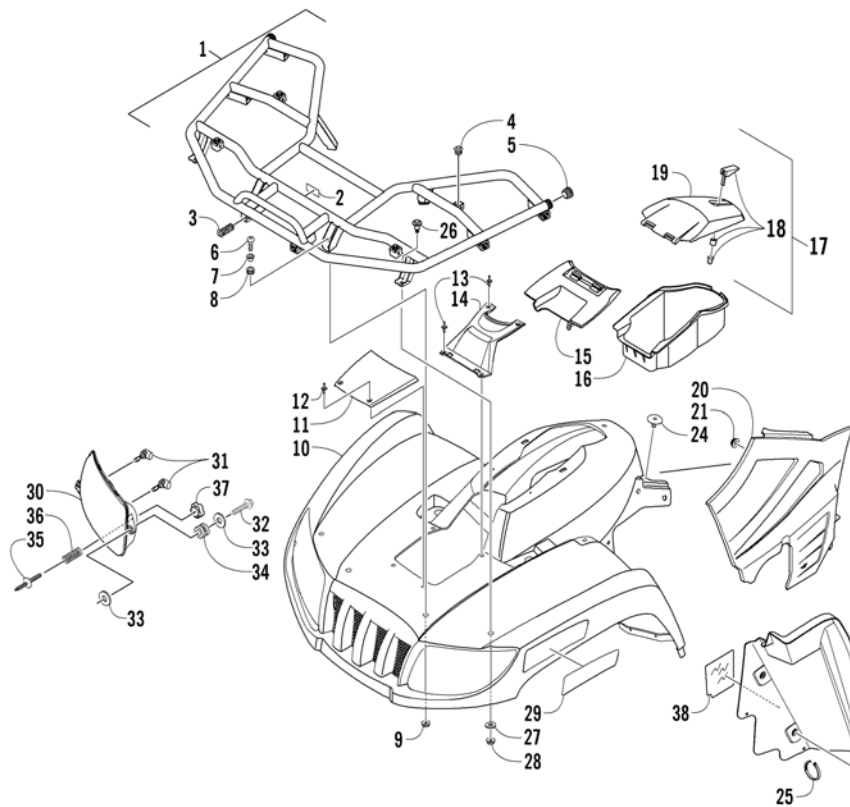
Illustrated Parts Manual

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2008 ATV 650 H1 3in1

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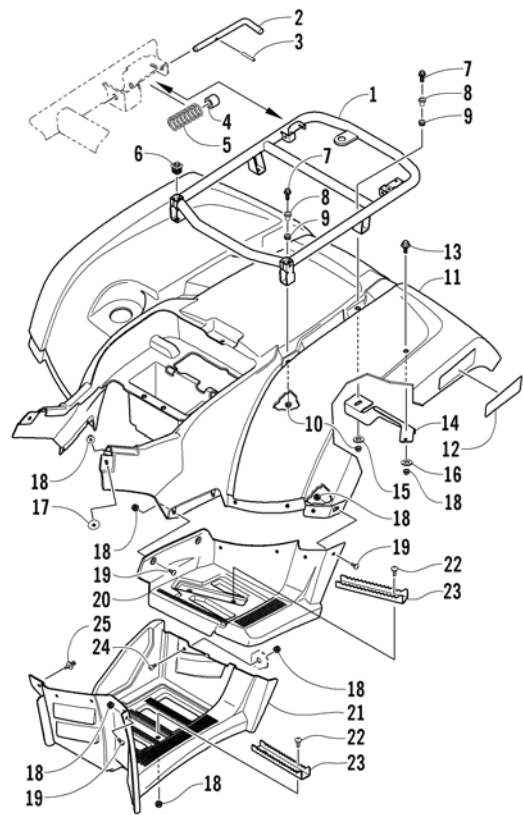
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2008 model year.



FRONT BODY PANEL ASSEMBLY

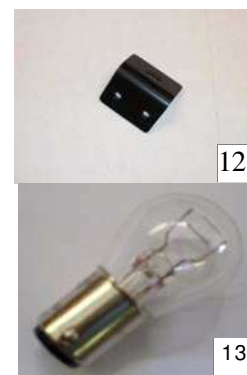
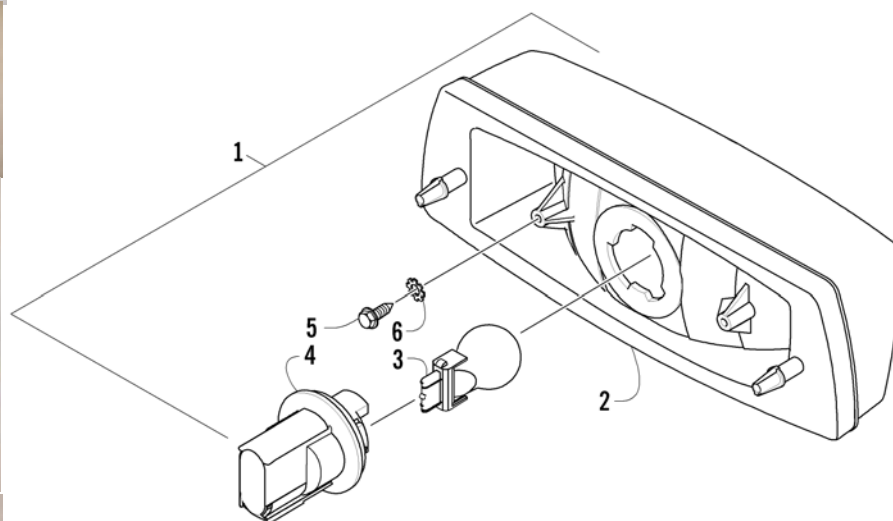
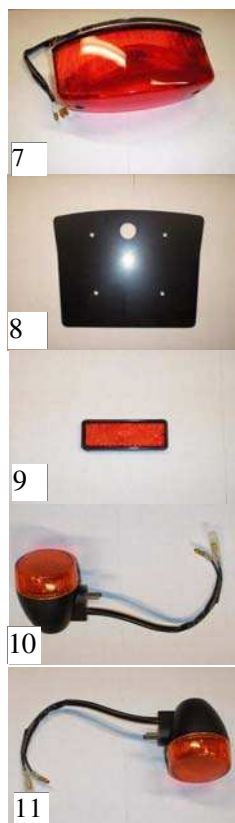
0741-491

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0541-272	1	Rack, Front - Assembly (inc. 2-5)	28	0423-540	2	Nut, Lock
2	0411-576	1	ø Decal, Warning - Front Rack Load	29	0411-818	1	Decal, Reflector - Front - Right
3	2406-014	6	ø Bushing, Rack		0411-819	1	Decal, Reflector - Front - Left
4	0441-592	4	ø Bushing, Rack	30	0509-036	1	Headlight Assembly - Right (inc. 31,45-50)
5	1441-049	2	ø Plug, Rack		0509-037	1	Headlight Assembly - Left (inc. 31,45-50)
6	8410-830	4	Screw, Machine	31	0409-096	4	ø Bulb, Headlight
7	0423-669	4	Spacer	32	0623-785	4	Screw, Self-Tapping
8	0423-465	4	Grommet	33	8050-217	8	Washer
9	8432-802	4	Nut, Lock	34	0423-447	4	Grommet
10	2406-443	1	Panel, Fender - Front - Red	35	0423-514	2	Stud, Adjuster - Headlight
	2406-445	1	Panel, Fender - Front - Green (Green)	36	0423-522	2	Spring, Adjuster
	2406-444	1	Panel, Fender - Front - Cat Green	37	0423-513	2	Knob, Adjuster
	2406-456	1	Panel, Fender - Front - Black (LE)	38	0412-404	1	Shield, Heat
11	1406-358	1	Cover, Access	39	AC008-790	1	Anti Theft Device
12	0423-535	2	Rivet, Reinstallable	40	AC008-793	1	Bracket Anti Theft Device MRP
13	0623-362	4	Rivet, Reinstallable	41	AC008-792	1	Holder Anti Theft Device
14	1406-484	1	Cover, Steering Post	42	AC008-795	1	Star Screw Anti Theft Device
15	0470-513	1	Cover, Storage Box	43	AC008-011	1	Holder Panel Left 500/650
16	1406-573	1	Box, Storage	44	AC008-012	1	Holder Panel Right 500/650
17	2506-234	1	Lid, Storage Box w/Latch (inc. 18-19)	45	0409-099	2	Bulb, Turn Signal
18	1406-599	1	ø Latch, Storage Box	46	0409-101	2	Bulb, Position Light
19	0470-514	1	ø Lid, Storage Box	47	0409-100	2	Socket, Bulb Turn
20	2406-324	1	Panel, Side - Lower - Right	48	0409-097	2	Retainer Bulb
	2406-325	1	Panel, Side - Lower - Left	49	0409-102	2	Socket, Bulb Position Light
21	0423-678	8	Grommet	50	0409-098	2	Boot H/L Rubber
22	1406-354	1	Panel, Splash - Right	51	0430-053	1	Horn
	1406-355	1	Panel, Splash - Left		2406-321	1	Bracket Mount Horn
23	0423-719	4	Screw, Self-Tapping	52	AC008-751	1	Mirror Left
24	0423-101	5	Screw, Body	53	AC008-752	1	Mirror Right
25	0123-788	AR	Cable Tie - 7.5 in.	54	AC008-753	1	Mirror Mounting Left
26	0423-654	2	Screw, Shoulder	55	AC008-403	1	Mirror Adapter 2007 Right
27	8050-222	2	Washer				



REAR BODY PANEL ASSEMBLY

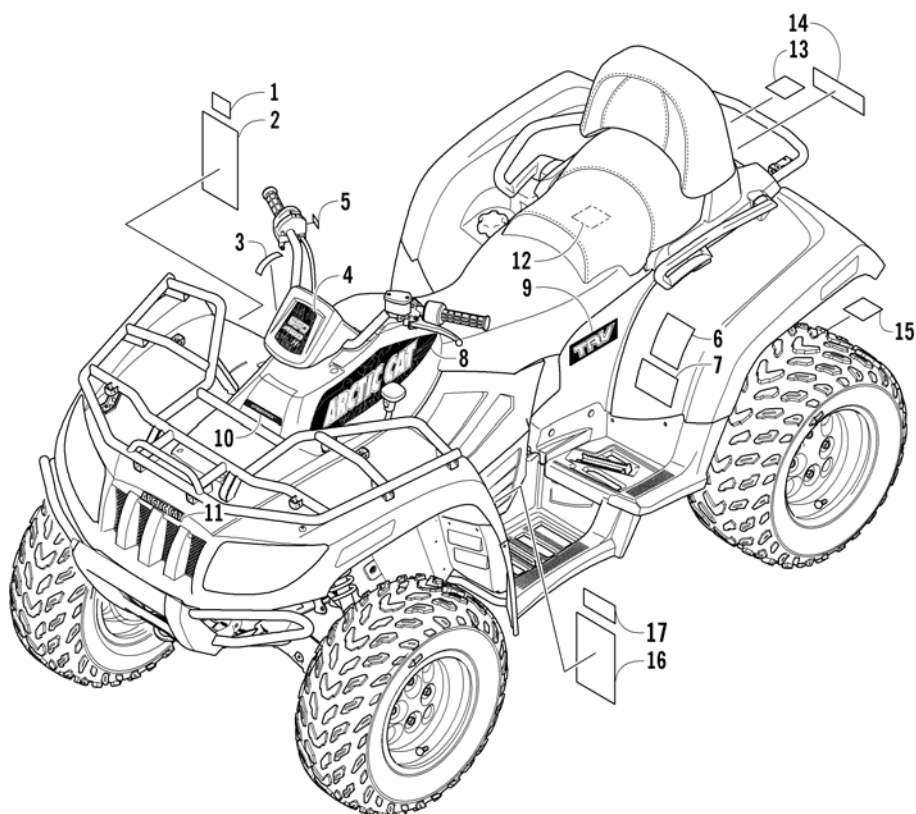
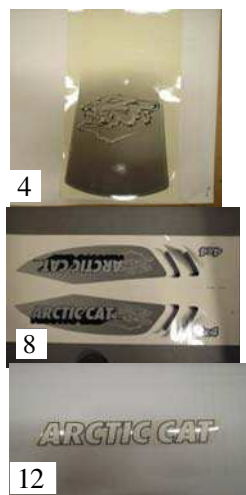
0741-432							
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-221</u>	1	Rack, Rear - Assembly (inc. 2-6)	14	2506-092	1	Bracket, Rear Fender - Right
2	<u>0541-504</u>	2	ø Pin - Assembly (inc. 3)		2506-093	1	Bracket, Rear Fender - Left
3	0423-635	2	ø ø Pin, Roll	15	0423-087	2	Washer
4	<u>0423-677</u>	2	ø Collar	16	8050-222	2	Washer
5	0423-636	2	ø Spring	17	0423-101	2	Screw, Body
6	0441-592	4	ø Bushing, Rack	18	0423-540	36	Nut, Lock
7	<u>8410-835</u>	4	Screw, Machine	19	0423-419	22	Screw, Machine
8	<u>0423-669</u>	4	Spacer	20	2406-042	1	Footwell, Rear - Right
9	0423-465	4	Grommet		2406-043	1	Footwell, Rear - Left
10	8432-802	4	Nut, Lock	21	1506-813	1	Footwell - Right
11	<u>AC006-016</u>	1	Fender EU Homologiert 3_1 rear red		<u>2406-471</u>	1	Footwell - Left
	<u>AC006-017</u>	1	Fender EU Homologiert 3_1 rear green	22	0423-355	8	Screw, Shoulder
	<u>AC006-018</u>	1	Fender EU Homologiert 3_1 rear lime	23	1506-125	4	Footpeg
	<u>2406-470</u>	1	Panel, Fender - Black (LE)	24	8477-620	2	Screw, Machine
12	0411-820	1	Decal, Reflector - Right	25	0623-362	2	Rivet, Reinstallable
	0411-821	1	Decal, Reflector - Left	26	0470-404	2	Grommet, Gas Valve Knob
13	0423-654	2	Screw, Shoulder				



TAILLIGHT ASSEMBLY

0739-667

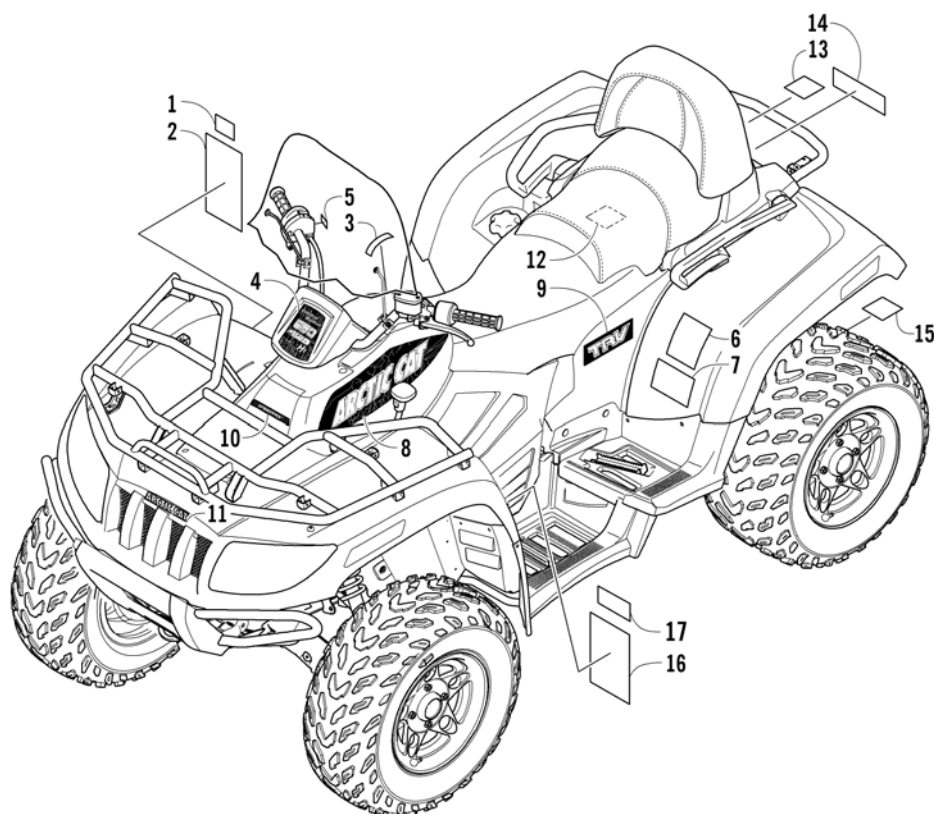
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	9	AC008-139	2	Reflector
2	0509-025	1	Housing, Taillight	10	AC003-145	1	Indicator, Left
3	0409-056	1	Bulb, Taillight		AC003-093	1	Bulb 10 Watt
4	0409-057	1	Socket, Taillight	11	AC003-146	1	Indicator, Right
5	0623-301	2	Screw, Self-Tapping		AC003-093	1	Bulb 10 Watt
6	8053-212	2	Washer, Lock-External Tooth	12	AC008-223	2	Bracket, Indicator 500/650
7	AC003-079	1	Taillight New (inc. 13)	13	AC003-097	1	Bulb 21/5 Watt
8	AC008-231	1	Bracket Number Plate 500/650				



DECALS

0741-523 *Included on Front Fender Panels

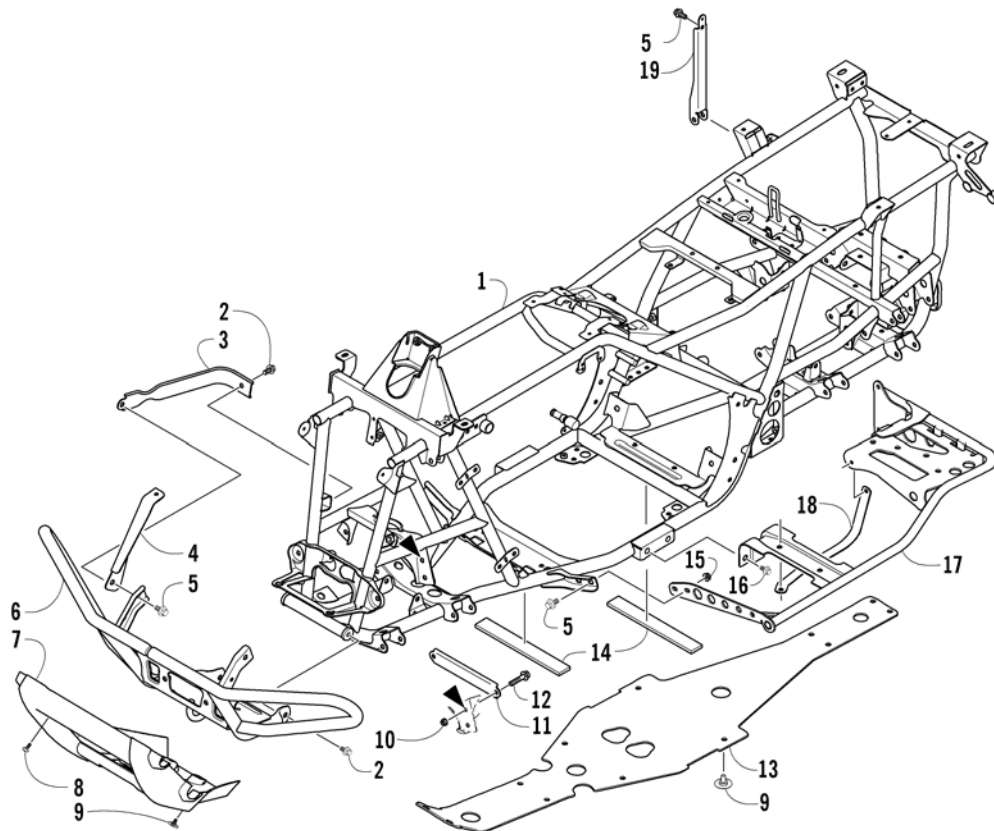
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0411-666	+	Decal, Warning - Reverse/Pre-Ride*		AC001-645	1	ACE Decal Side RH 500/650
2	0411-894	+	Decal, Warning - Hill	9	1411-264	2	Decal, Graphic - TRV
3	0411-426	1	Decal, Warning - Clutch Cover		1411-266	2	Decal, Graphic - TRV (Green)
4	1411-376	+	Decal, Instrument Pod		1411-262	2	Decal, Graphic - TRV (Cat Green)
	1411-378	+	Decal, Instrument Pod (Green)	10	1411-050	1	Decal, "Speedrack"
	1411-379	+	Decal, Instrument Pod (Cat Green)	11	0411-840	+	Decal, Front
	AC001-639	1	ACE Decal Head 500/650		0411-839	+	Decal, Front (Green)
5	0411-966	1	Decal, Warning - Differential Lock		0411-841	+	Decal, Front (Cat Green)
6	0411-833	+	Decal, Passenger	12	1411-269	+	Decal, Warning - Passenger
7	0411-832	1	Decal, Warning - Tire Pressure		AC001-630	1	Decal, Front ARCTIC CAT
8	1411-356	+	Decal, Side - Upper Right	13	1411-251	+	Decal, Warning - Seat/Passenger
	1411-357	+	Decal, Side - Upper Left	14	0411-814	+	Decal, "Arctic Cat" - White
	1411-358	+	Decal, Side - Upper Right (Green)	15	1411-077	+	Decal, Warning - Towing
	1411-359	+	Decal, Side - Upper Left (Green)	16	0411-753	+	Decal, Warning - Age/General*
	1411-360	+	Decal, Side - Upper Right (Cat Green)	17	1411-574	+	Decal, Warning - Off-Road Only
	1411-361	+	Decal, Side - Upper Left (Cat Green)				
	AC001-644	1	ACE Decal Side LH 500/650				



DECALS (LE)

0741-592 *Included on Front Fender Panels

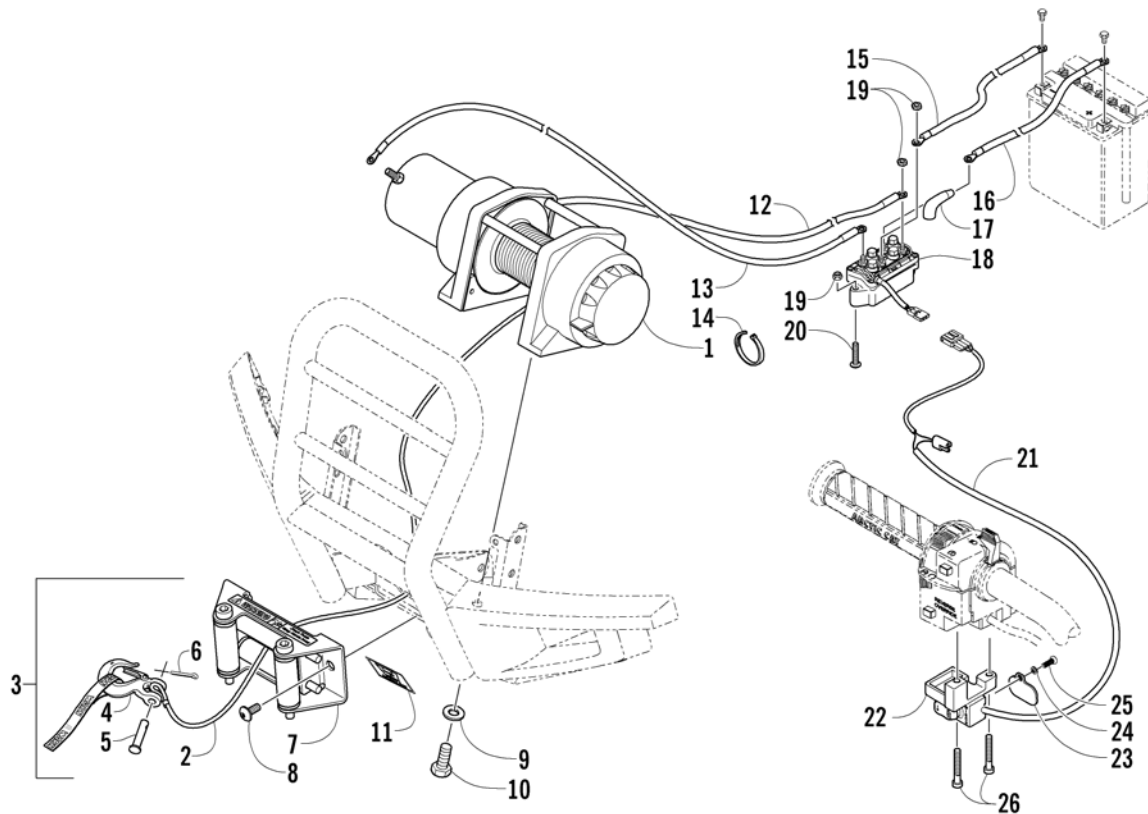
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0411-666	1	Decal, Warning - Reverse/Pre-Ride*	9	1411-267	2	Decal, Graphic - TRV
2	0411-894	1	Decal, Warning - Hill	10	1411-050	1	Decal, "Speedrack"
3	0411-426	1	Decal, Warning - Clutch Cover	11	<u>1441-525</u>	1	Decal, Front
4	<u>1411-268</u>	1	Decal, Instrument Pod	12	1411-269	1	Decal, Warning - Passenger
5	0411-966	1	Decal, Warning - Differential Lock	13	1411-251	1	Decal, Warning - Seat/Passenger
6	0411-833	1	Decal, Passenger	14	0411-814	1	Decal, "Arctic Cat" - White
7	0411-832	1	Decal, Warning - Tire Pressure	15	1411-077	1	Decal, Warning - Towing
8	<u>1411-366</u>	1	Decal, Side - Upper Right	16	0411-753	1	Decal, Warning - Age/General*
	<u>1411-367</u>	1	Decal, Side - Upper Left	17	<u>1411-574</u>	1	Decal, Warning - Off-Road Only



FRAME AND RELATED PARTS

0741-436

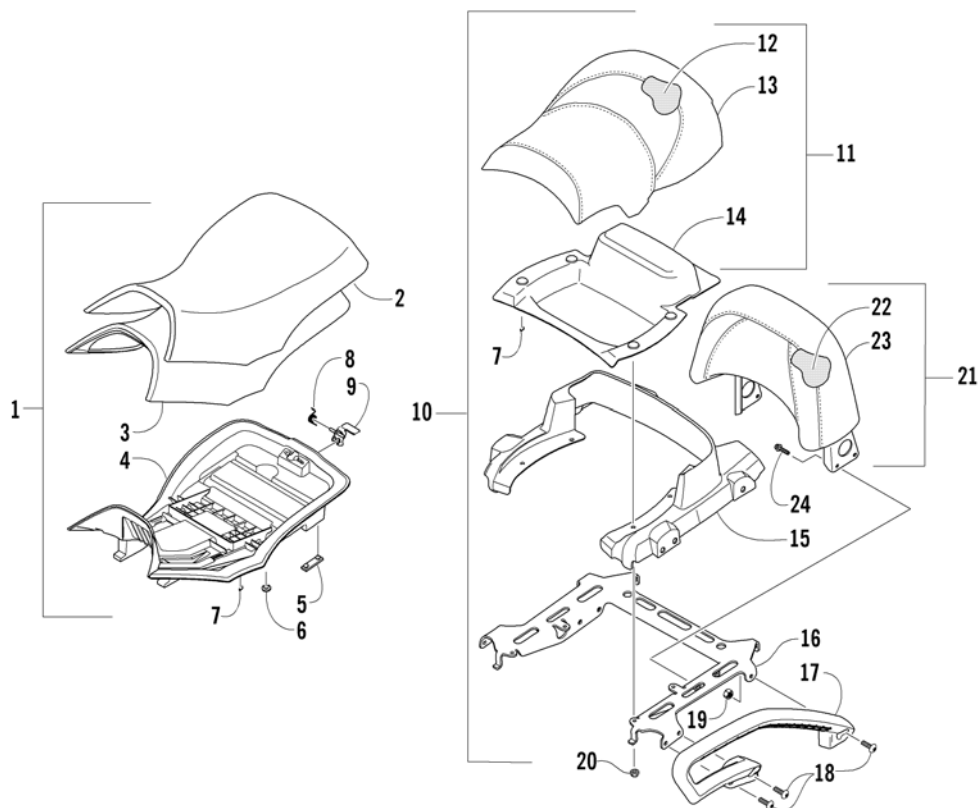
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-047</u>	1	Frame, Main	11	1506-429	1	Brace, A-Arm
2	8409-020	4	Screw, Cap	12	8409-025	2	Screw, Cap
3	1506-725	2	Channel, Bumper Mounting	13	2406-091	1	Panel, Belly
4	1506-562	1	Bracket, Mounting - Bumper - Right	14	0406-289	2	Pad, Frame
	1506-563	1	Bracket, Mounting - Bumper - Left	15	8424-802	4	Nut, Flange
5	8408-816	11	Screw, Cap	16	8409-016	4	Screw, Cap
6	1506-855	1	Bumper	17	1506-848	1	Footrest - Right
7	1406-360	1	Grille, Bumper		1506-849	1	Footrest - Left
8	0423-419	2	Screw, Machine	18	2406-216	1	Strap, Footrest - Right
9	0423-101	16	Screw, Body		2406-217	1	Strap, Footrest - Left
10	8428-002	2	Nut, Lock	19	1506-548	1	Channel, Shock Support



WINCH ASSEMBLY (LE)

0740-477

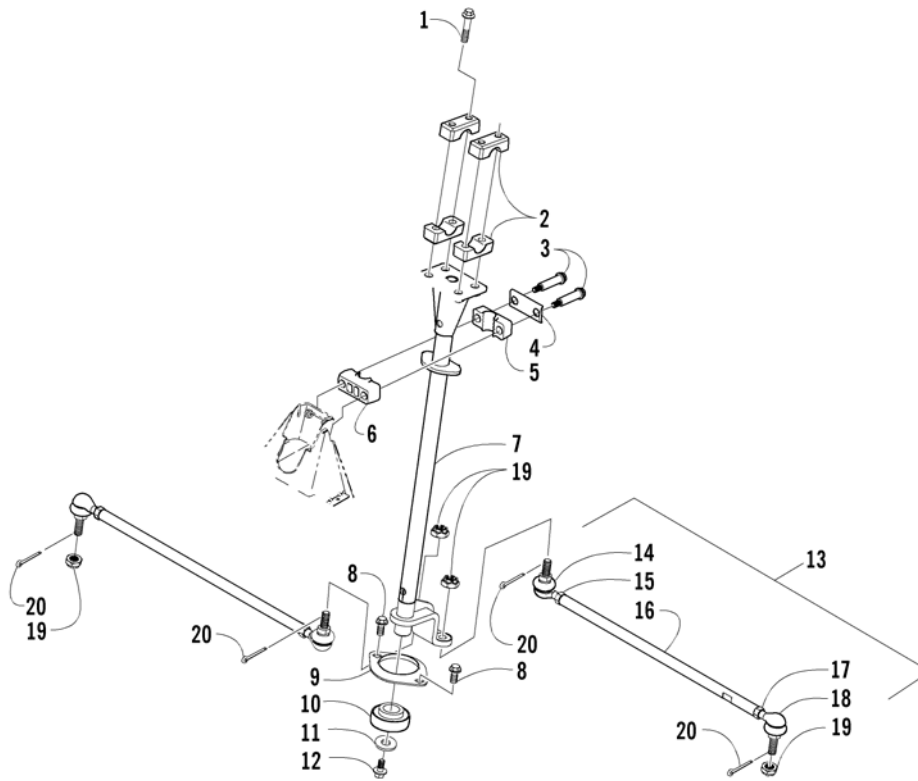
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0441-490	1	Winch (inc. 2)	14	0123-788	AR	Cable Tie - 7.5 in.
2	0441-061	1	Ø Cable, Winch	15	1441-112	1	Cable, Solenoid/Battery - Black
3	0441-426	1	Hook, Winch w/Strap - Assembly (inc. 4-6)	16	1441-113	1	Cable, Solenoid/Battery - Red
4	1441-131	1	Ø Hook, Winch w/Strap	17	0441-060	3	Boot, Terminal
5	1441-130	1	Ø Pin	18	0409-066	1	Solenoid
6	1441-129	1	Ø Cotter Pin	19	0623-038	6	Nut w/Washer
7	0441-403	1	Roller, Winch	20	8476-625	2	Screw, Machine
8	8468-820	2	Screw, Machine	21	0409-065	1	Switch, Control
9	8051-246	4	Washer, Lock	22	0409-034	1	Holder, Control Switch
10	1623-131	4	Screw, Cap	23	0409-075	1	Cover, Switch
11	0411-433	1	Decal, Winch	24	8051-212	1	Washer
12	1441-111	1	Cable, Winch/Solenoid - Yellow	25	0423-382	1	Screw, Self-Tapping
13	1441-110	1	Cable, Winch/Solenoid - Blue	26	8464-560	2	Screw, Machine



SEAT AND BACKREST ASSEMBLY

0740-930

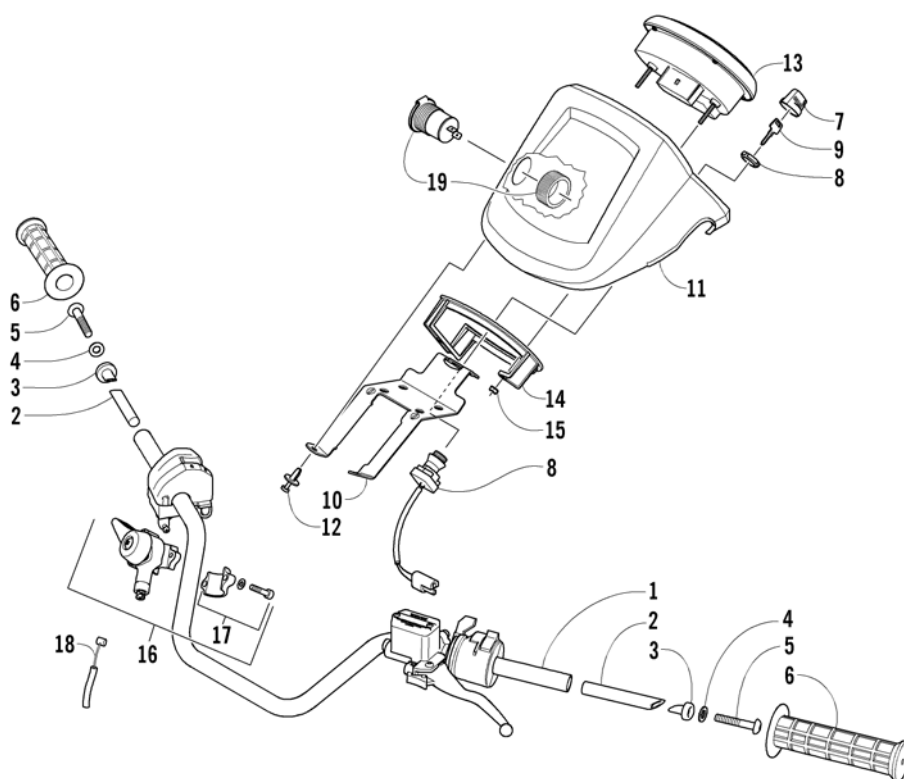
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1506-937	1	Seat Assembly (inc. 2-9)	13	1506-815	1	ø ø Cover, Seat - Passenger
2	1506-209	1	ø Cover, Seat	14	2406-110	1	ø ø Base, Seat - Inner
3	1506-208	1	ø Foam, Seat	15	2406-044	1	ø Base, Seat - Passenger
4	2406-144	1	ø Base, Seat - Assembly (inc. 5-6)	16	1506-932	1	ø Bracket, Seat Support - Assembly
5	0406-879	2	ø ø Bumper, Seat - Rear	17	2406-112	1	ø Handhold, Passenger - Right
6	0406-877	4	ø ø Bumper, Seat - Front		2406-113	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	1506-938	1	Seat, Passenger - Assembly (inc. 11-20)	21	1506-939	1	Backrest Assembly (inc. 22-23)
11	2506-064	1	ø Seat, Passenger - Sub-Assembly (inc. 7 and 12-14)	22	1506-818	1	ø Foam, Backrest
12	1506-816	1	ø ø Foam, Seat - Passenger	23	1506-817	1	ø Cover, Backrest
				24	8408-816	4	Screw



STEERING POST ASSEMBLY

0739-774

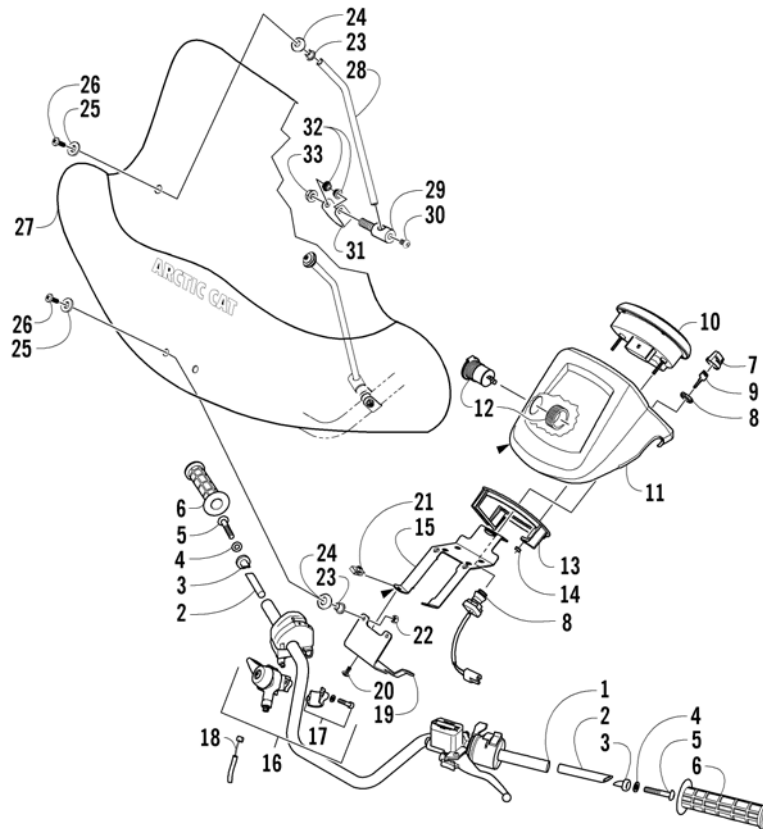
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	11	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	12	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	13	0505-408	2	Tie Rod - Assembly (inc. 14-18)
4	0405-166	1	Cap, Housing	14	0405-083	2	ø Ball Joint, Tie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

0740-877

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0505-476</u>	1	Tube, Handlebar	10	1506-578	1	Bracket, Mounting - Instrument Pod
2	0405-218	2	Plug, Handlebar	11	0405-188	1	Instrument Pod
3	0405-149	2	End Cap, Handlebar		0405-189	1	Instrument Pod (Green)
4	8050-247	2	Washer		0405-190	1	Instrument Pod (Cat Green)
5	8477-845	2	Screw, Machine	12	0423-535	2	Rivet, Reinstallable
6	0405-147	2	Grip, Handlebar	13	<u>0520-028</u>	1	Gauge, LCD
7	0409-013	1	Cover, Key	14	0420-065	1	Clamp, Plastic
8	0430-036	1	Switch, Ignition - Assembly (inc. 9)	15	0423-493	2	Nut, w/Washer
9	3409-007	1	ø Key, Ignition - Blank (C Series)	16	0502-527	4	Control, Differential Lock (inc. 17)
	3409-011	1	ø Key, Ignition - Blank (D Series)	17	0502-613	4	ø Clamp, Differential Lock Control - Kit
	3409-012	1	ø Key, Ignition - Blank (E Series)	18	0487-030	4	Cable, Differential Lock
	3409-013	1	ø Key, Ignition - Blank (F Series)	19	0641-897	1	Outlet, Accessory - 12V

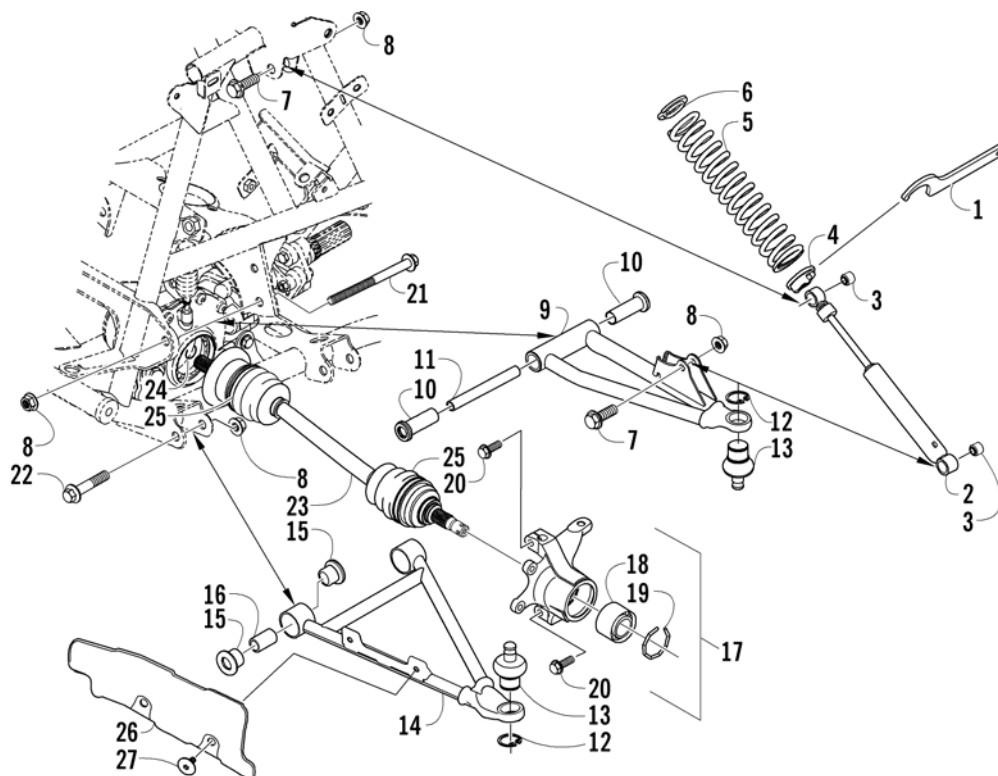


HANDLEBAR AND WINDSHIELD ASSEMBLY (LE)

(Complete Windshield Kit p/n 0436-623)

0741-599 *Not Illustrated

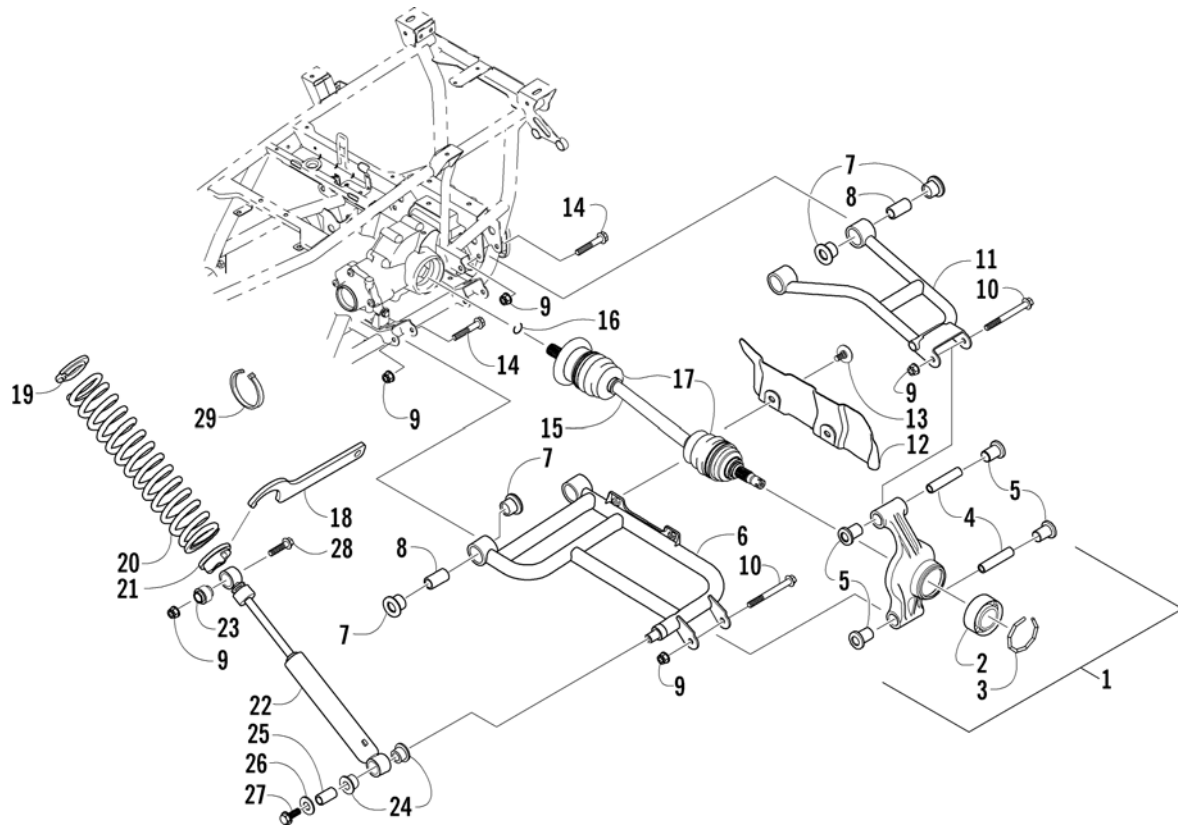
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-476	1	Tube, Handlebar	17	0502-613	1	Ø Clamp, Differential Lock Control - Kit
2	0405-218	2	Plug, Handlebar	18	0487-030	1	Cable, Differential Lock
3	0405-149	2	End Cap, Handlebar	19	0541-300	1	Bracket, Mounting - Windshield
4	8050-247	2	Washer	20	8471-616	2	Screw, Machine
5	8477-845	2	Screw, Machine	21	0423-549	2	Clip
6	0405-147	2	Grip, Handlebar	22	0423-531	2	Nut, Lock
7	0409-013	1	Cover, Key	23	1441-054	4	Grommet, Cap
8	0430-036	1	Switch, Ignition - Assembly (inc. 9)	24	1441-062	5	Grommet, Rubber
9	3409-007	1	Ø Key, Ignition - Blank (C Series)	25	0423-528	4	Washer
	3409-011	1	Ø Key, Ignition - Blank (D Series)	26	0423-527	4	Screw, Machine
	3409-012	1	Ø Key, Ignition - Blank (E Series)	27	1441-058	1	Windshield
	3409-013	1	Ø Key, Ignition - Blank (F Series)	28	1441-057	2	Rod, Support
10	0520-025	1	Gauge, LCD	29	1441-166	2	Bolt, Windshield
11	0405-191	1	Instrument Pod	30	0423-529	2	Screw, Machine
12	0641-897	1	Outlet, Accessory - 12V	31	1441-053	2	Bracket, Clamp
13	0420-065	1	Clamp, Plastic	32	1441-055	4	Spacer, Clamp
14	0423-493	2	Nut w/Washer	33	0423-530	2	Nut, Lock
15	1506-578	1	Bracket, Mounting - Instrument Pod	*	1441-063	1	Wrench, Allen
16	0502-527	1	Control, Differential Lock (inc. 17)	*	0453-292	1	Instructions



FRONT SUSPENSION ASSEMBLY

0741-444

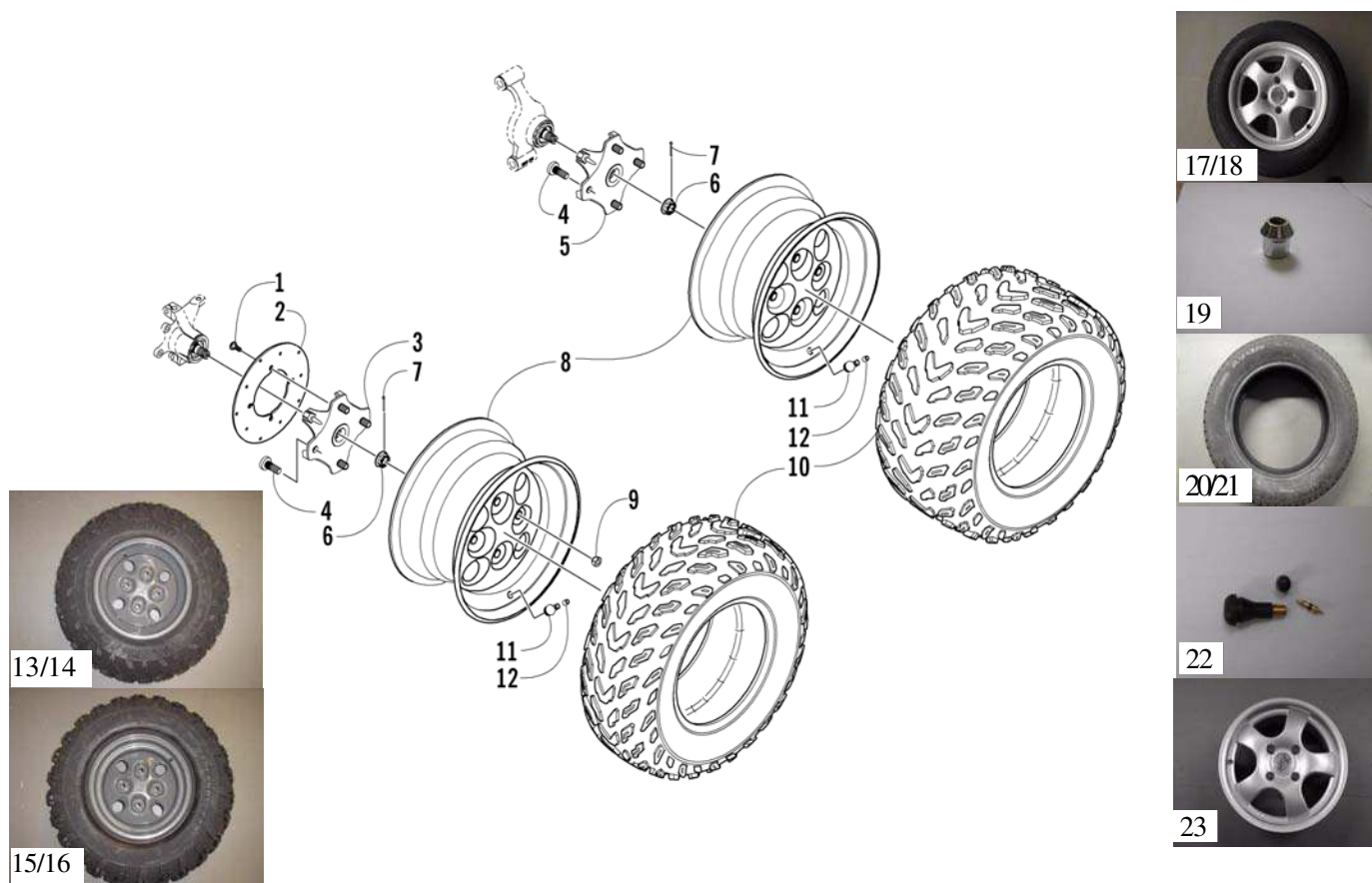
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0441-587	1	Wrench, Spanner	15	0403-115	8	ø Bushing
2	0403-176	2	Shock Absorber - Front (inc. 3)	16	0403-114	4	ø Collar
3	0403-182	8	ø Bushing, Double-Bonded	17	0505-460	1	Knuckle - Assembly - Right (inc. 18-19)
4	0403-102	2	Cam, Spring Adjuster		0505-461	1	Knuckle - Assembly - Left (inc. 18-19)
5	0403-174	2	Spring, Shock Absorber - Platinum	18	1402-027	2	ø Bearing, Wheel Hub
	0403-173	2	Spring, Shock Absorber - Black (Green)	19	0423-423	2	ø Ring, Retaining
	0503-318	2	Spring, Shock Absorber - Platinum (LE)	20	8409-030	4	Screw, Cap
6	1603-889	2	Retainer, Spring	21	0423-334	2	Screw, Cap
7	8409-040	4	Screw, Cap	22	8409-075	4	Screw, Cap
8	8428-002	10	Nut, Lock	23	0502-813	1	Axle, Drive - Front - Left (inc. 24-25)
9	0503-272	1	A-Arm, Upper Right - Platinum (inc. 10-13)		0502-812	1	Axle, Drive - Front - Right (inc. 24-25)
	0503-273	1	A-Arm, Upper Left - Platinum (inc. 10-13)	24	1441-109	2	ø Clip, Retaining
	0503-196	1	A-Arm, Upper Right - Black (inc. 10-13) (Green)	25	0436-276	2	ø Repair Kit, Boot
	0503-197	1	A-Arm, Upper Left - Black (inc. 10-13) (Green)	26	0441-752	1	Guard, Boot - Right - Red
10	0403-081	4	ø Bushing		0441-753	1	Guard, Boot - Left - Red
11	0403-080	2	ø Collar		1441-002	1	Guard, Boot - Right - Green (Green)
12	0423-009	4	ø Clip, Ball Joint		1441-003	1	Guard, Boot - Left - Green (Green)
13	0405-115	4	ø Ball Joint - Front		0441-756	1	Guard, Boot - Right - Cat Green (Cat Green)
14	0503-342	1	A-Arm, Lower Right - Platinum (inc. 12-13 and 15-16)		0441-757	1	Guard, Boot - Left - Cat Green (Cat Green)
	0503-343	1	A-Arm, Lower Left - Platinum (inc. 12-13 and 15-16)		1406-034	1	Guard, Boot - Right - Black (LE)
	0503-334	1	A-Arm, Lower Right - Black (inc. 12-13 and 15-16) (Green)		1406-035	1	Guard, Boot - Left - Black (LE)
	0503-335	1	A-Arm, Lower Left - Black (inc. 12-13 and 15-16) (Green)	27	0423-545	4	Screw, Body



REAR SUSPENSION ASSEMBLY

0741-439

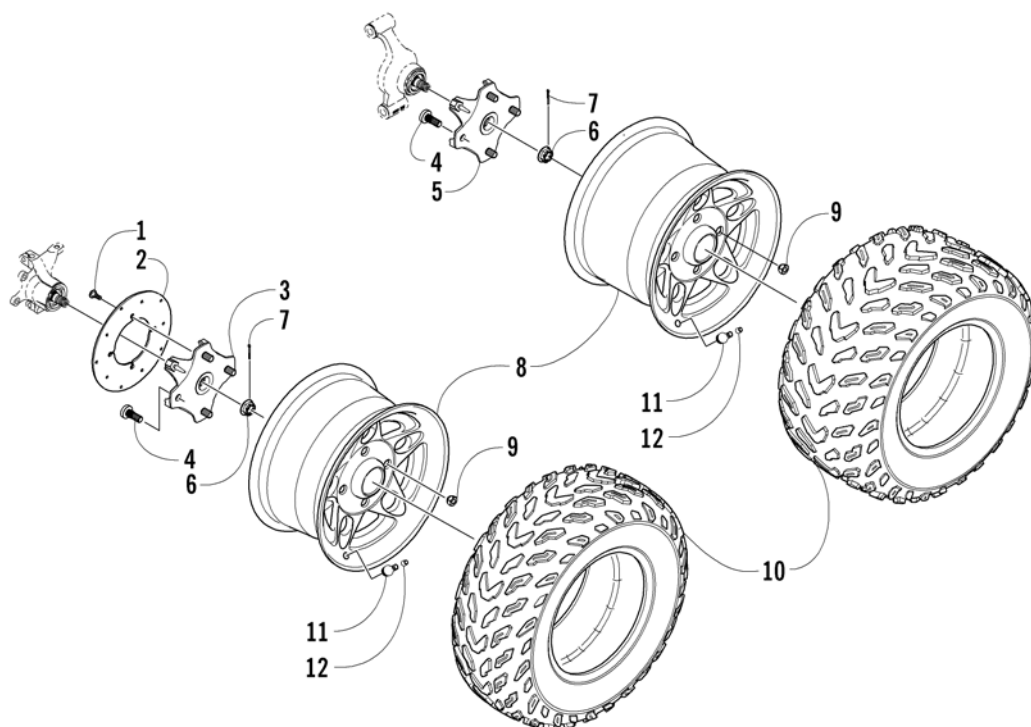
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-374	1	Knuckle, Right Rear - Assembly (inc. 2-5)	12	0441-754	1	Guard, Boot - Right - Red
	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-5)		0441-755	1	Guard, Boot - Left - Red
2	1402-027	2	ø Bearing, Wheel Hub		1441-004	1	Guard, Boot - Right - Green (Green)
3	0423-423	2	ø Ring, Retaining		1441-005	1	Guard, Boot - Left - Green (Green)
4	0403-038	4	ø Collar, Suspension Bushing		0441-758	1	Guard, Boot - Right - Cat Green (Cat Green)
5	0403-032	8	ø Bushing, Suspension		0441-759	1	Guard, Boot - Left - Cat Green (Cat Green)
6	0504-440	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)		1406-068	1	Guard, Boot - Right - Black (LE)
	0504-441	1	A-Arm, Rear - Lower Left - Platinum (inc. 7-8)		1406-069	1	Guard, Boot - Left - Black (LE)
	0504-438	1	A-Arm, Rear - Lower Right - Black (inc. 7-8) (Green)	13	0423-545	4	Screw, Body
	0504-439	1	A-Arm, Rear - Lower Left - Black (inc. 7-8) (Green)	14	8409-075	8	Screw, Cap
7	0403-115	16	ø Bushing	15	0502-811	2	Axle, Drive - Rear (inc. 16-17)
8	0403-114	8	ø Collar	16	0441-893	2	ø Clip, Retaining
9	8428-002	14	Nut, Lock	17	0436-276	2	ø Repair Kit, Boot
10	8409-000	4	Screw, Cap	18	0441-587	1	Wrench, Spanner
11	0504-476	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	19	1603-889	2	Retainer, Spring
	0504-477	1	A-Arm, Rear - Upper Left - Platinum (inc. 7-8)	20	0404-145	2	Spring, Suspension - Platinum
	0504-470	1	A-Arm, Rear - Upper Right - Black (inc. 7-8) (Green)		0404-144	2	Spring, Suspension - Black (Green)
	0504-471	1	A-Arm, Rear - Upper Left - Black (inc. 7-8) (Green)	21	0404-057	2	Cam, Spring Adjuster
				22	0404-147	2	Shock Absorber - Rear (inc. 23-25)
				23	0403-182	2	ø Bushing, Double-Bonded
				24	0603-955	4	ø Bushing, Shock Absorber
				25	1603-219	2	ø Sleeve, Shock Absorber
				26	0423-087	2	Washer
				27	8408-820	2	Screw, Cap
				28	8409-050	2	Screw, Cap
				29	0123-788	2	Cable Tie



WHEEL AND TIRE ASSEMBLY

0741-559

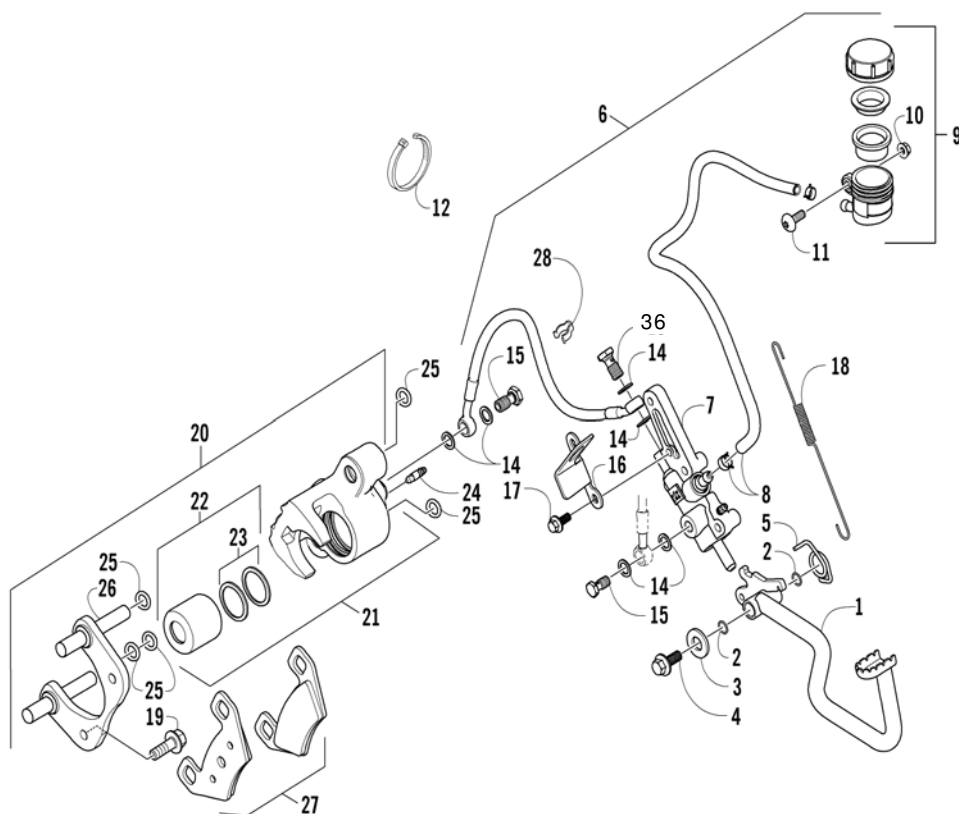
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	12	0402-140	4	ø Cap, Valve Stem
2	1402-225	3	Disc, Brake	13	0502-464	1	Wheel, Assembly - RH 25x8-12 (Gray)
3	0502-599	2	Hub, Wheel - Front (inc. 4)	14	0502-465	1	Wheel, Assembly - LH 25x8-12 (Gray)
4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



WHEEL AND TIRE ASSEMBLY (LE)

0741-578

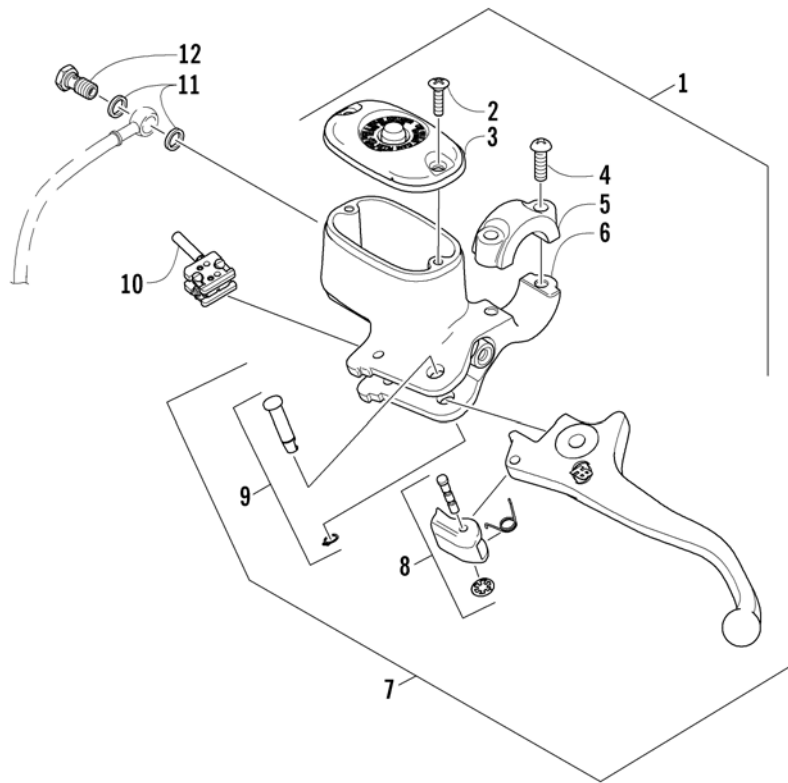
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	8	1402-424	2	Wheel - Front - Black
2	1402-225	3	Disc, Brake		1402-425	2	Wheel - Rear - Black
3	0502-599	2	Hub, Wheel - Front (inc. 4)	9	0423-408	16	Nut, Mounting - Wheel
4	0402-974	16	Ø Stud, Wheel Hub	10	1402-548	2	Tire - Front
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)		1402-549	2	Tire - Rear
	0502-599	1	Hub, Wheel - Rear - Right (inc. 4)	11	0402-064	4	Stem, Valve (inc. 12)
6	0423-607	4	Nut, Castle	12	0402-140	4	Ø Cap, Valve Stem
7	0423-407	4	Pin, Cotter				



AUXILIARY BRAKE ASSEMBLY

0741-314 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1502-063</u>	1	Lever, Brake	20	0502-878	1	Caliper, Brake (inc. 21-27)
2	1602-213	2	O-Ring	21	0502-603	1	ø Housing, Caliper - Assembly - Right Rear (inc. 22-24)
3	8050-252	1	Washer	22	0502-606	1	ø ø Piston/Seal Set (inc. 23)
4	8408-816	1	Screw, Cap	23	0502-607	1	ø ø ø Seal Set
5	0502-807	1	Spring, Brake Lever	24	0502-609	1	ø ø Valve, Bleed
6	<u>1502-147</u>	1	Cylinder, Master Brake-Assembly (SKD)	25	0502-608	1	ø O-Ring, Guide - Set
7	*	1	ø Master Cylinder	26	0502-605	1	ø Bracket Assembly
8	<u>1502-142</u>	+	ø Hose, Brake Reservoir	27	0502-875	1	ø Pad, Brake - Set
9	<u>1502-141</u>	+	ø Reservoir, Brake	28	<u>1502-115</u>	2	Clip, Brake Hose
10	<u>0623-038</u>	+	Nut, Flanged	29	<u>0487-055</u>	1	Cable, Park Brake-58
11	8476-616	+	Screw, Machine	30	<u>1502-278</u>	1	Lever-Cable-Park Brake-58"-Assy (inc. 22)
12	0123-788	+	Cable Tie—7.5 in.	31	<u>1502-176</u>	1	Caliper, Brake-Mechanical
13	<u>1502-140</u>	1	Hose, Brake-MC/CALIPER (58" WB)	32	<u>AC002-005</u>	2	Pad Brake-Mech Park
14	0423-178	6	Washer, Crush	33	<u>0402-379</u>	1	Wire Form, Cable
15	0423-413	2	Bolt, Double Banjo-Fitting	34	8408-825	2	Screw, Cap-HFH M8X1.25X25 CL8.8 Z&Y
16	0502-840	1	Bracket, Switch	35	<u>1502-115</u>	2	Clip Brake Hose
17	8408-625	2	Screw, Cap	36	<u>0423-610</u>	1	Bolt, Double Banjo Fitting
18	0502-785	1	Spring, Brake Switch				
19	8408-820	2	Screw, Cap				



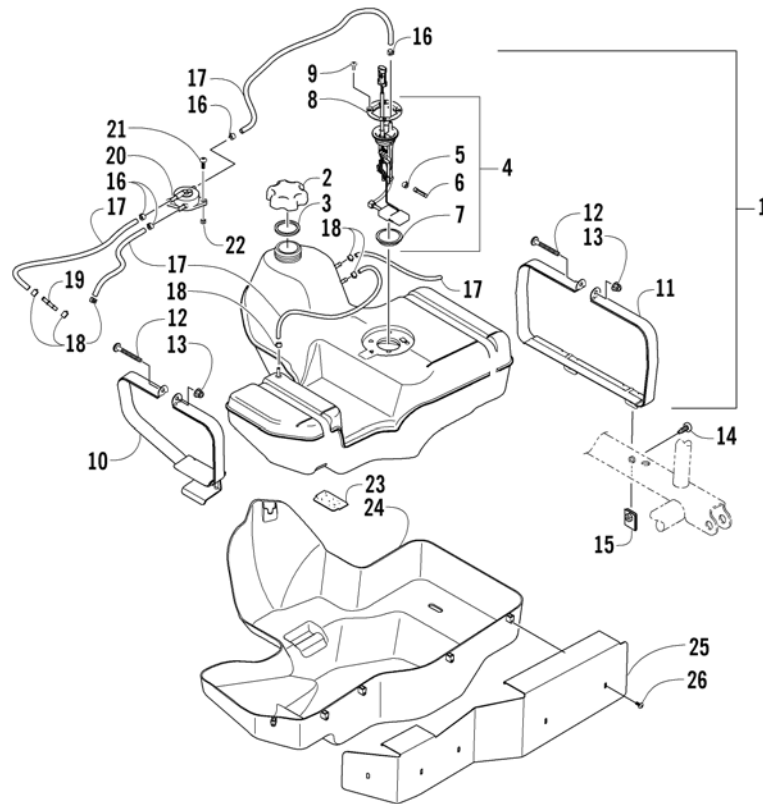
HYDRAULIC HAND BRAKE ASSEMBLY

0741-458

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



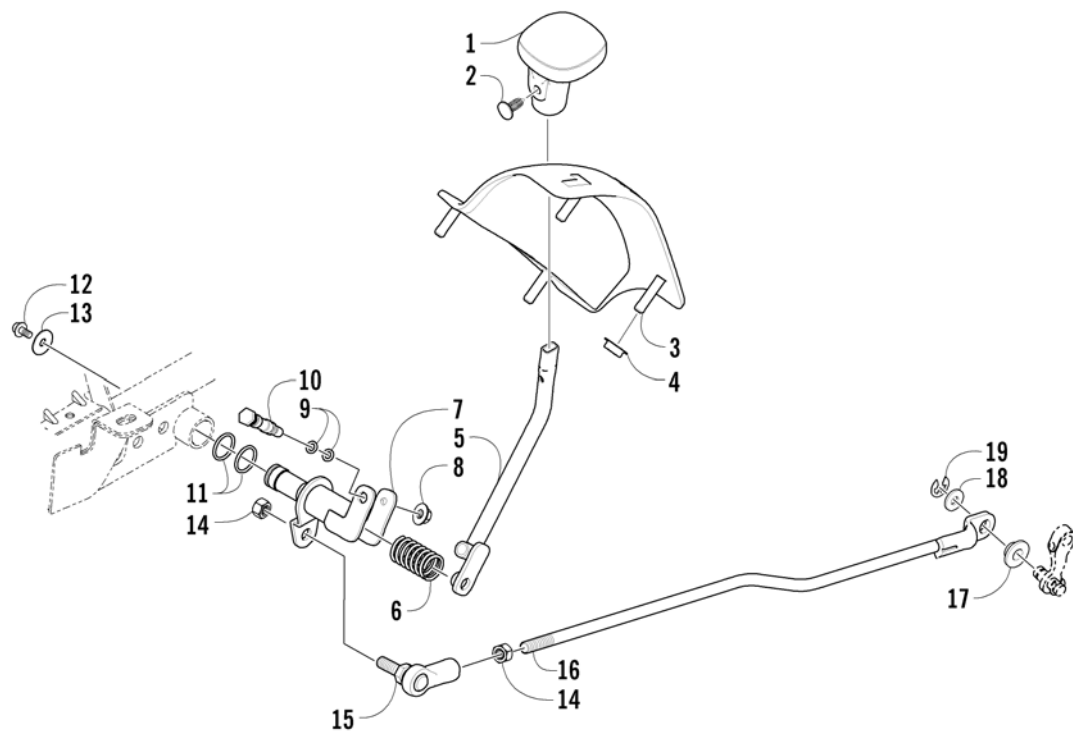
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-015	4	Hose, Brake Assembly	7	0502-607	2	ø ø ø Seal Set
2	8476-625	1	Screw, Cap	8	0502-609	2	ø ø Valve, Bleed
3	8408-820	4	Screw, Cap	9	0502-608	2	ø O-Ring, Guide - Set
4	0502-878	1	Caliper, Brake - Right Front (inc. 5-11)	10	0502-605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

0741-441

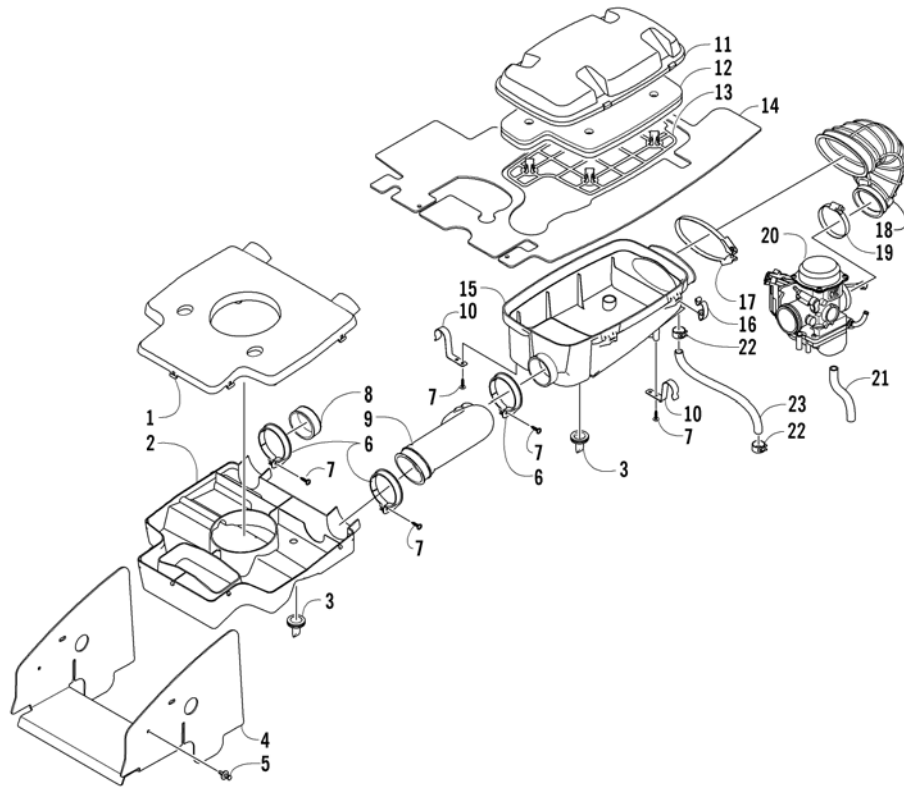
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-148	1	Tank, Gas - Assembly w/Straps (inc. 2-13)	14	0423-609	2	Screw, Mounting - Gas Tank
2	0470-438	1	ø Cap, Gas Tank (inc. 3)	15	0470-536	2	Clip, Mounting - Gas Tank
3	0109-733	1	ø ø Gasket, Gas Tank Cap	16	0423-688	4	Clamp, Hose
4	0570-114	1	ø Sensor, Fuel Level (inc. 5-7)	17	0410-070	AR	Hose, Gasline - 25 ft
5	0423-603	1	ø ø Clamp, Hose	18	0423-670	6	Clamp, Carburetor
6	0470-475	1	ø ø Filter, Fuel	19	0470-527	1	Fitting, Straight
7	0470-521	1	ø ø Seal, Fuel Level Sensor	20	0470-519	1	Pump, Fuel
8	0470-639	1	ø Plate, Mounting - Fuel Level Sensor	21	8476-620	2	Screw, Machine
9	1623-158	4	ø Screw, Plastite	22	0623-038	2	Nut, Lock
10	0570-168	1	ø Strap, Mounting - Gas Tank - Front	23	0470-476	1	Pad, Gas Tank
11	0570-169	1	ø Strap, Mounting - Gas Tank - Rear	24	0470-479	1	Shield, Gas Tank
12	8476-650	2	ø Screw, Machine	25	0470-474	1	Shield, Heat
13	8427-602	2	ø Nut, Lock	26	0623-797	5	Screw, Self-Tapping



REVERSE SHIFT LEVER ASSEMBLY

0741-517

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Reverse Shift Lever	11	0423-299	2	O-Ring
2	0423-345	1	Clip, Push	12	8408-812	1	Screw, Cap
3	1402-576	1	Plate, Shift	13	0423-087	1	Washer
4	0423-357	4	Nut, Stamped	14	0623-294	2	Nut
5	0502-659	1	Lever, Reverse Shift	15	1402-270	1	End, Rod
6	0502-410	1	Spring, Reverse Shift Lever	16	0502-989	1	Linkage, Shift
7	0502-742	1	Axle, Reverse Shift Lever	17	0423-091	1	Bushing, Shift Linkage
8	8424-602	1	Nut	18	0623-094	1	Washer
9	0423-182	2	O-Ring	19	0423-169	1	E-Ring
10	0402-675	1	Axle, Pivot				



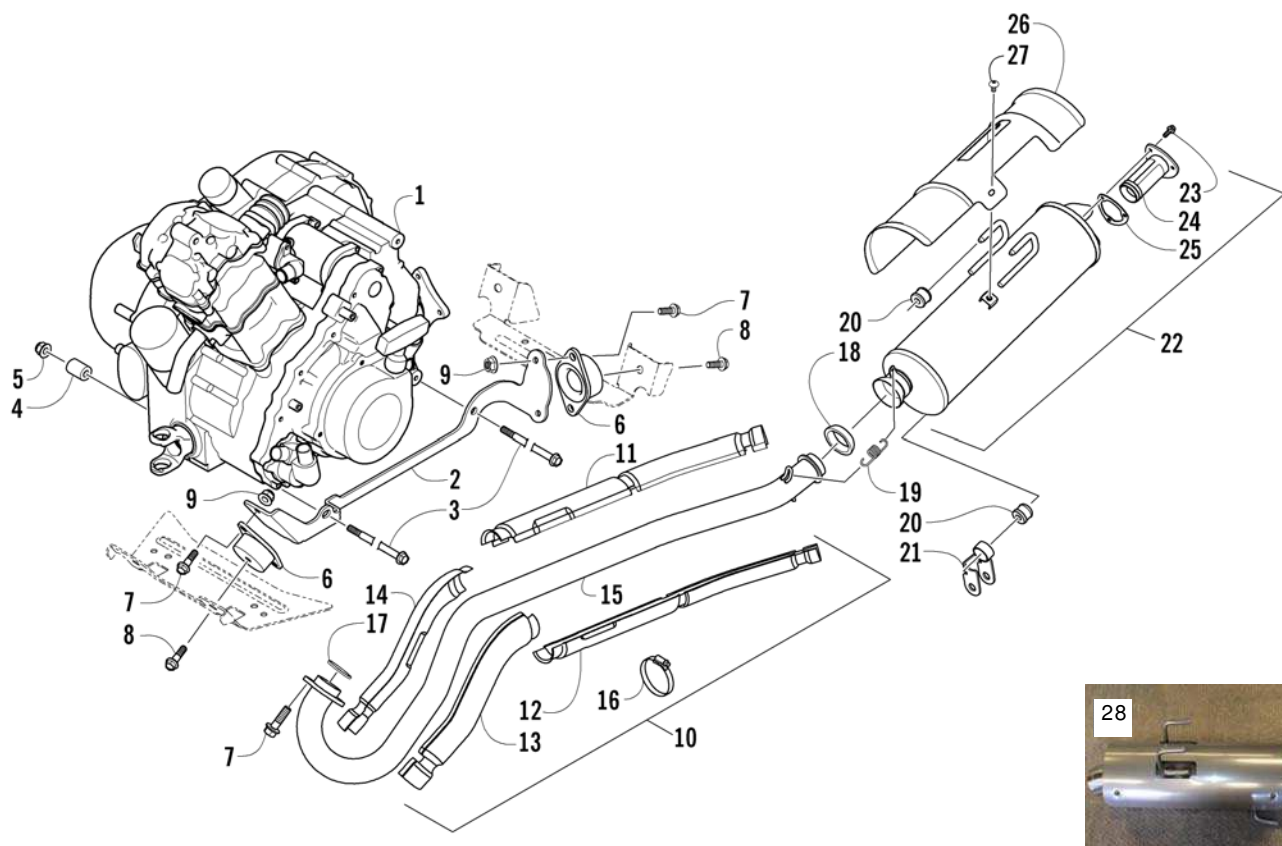
AIR INTAKE ASSEMBLY

0740-975

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	0470-705	1	Carburetor, CVK40-AE ECE
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	<u>0470-663</u>	1	Filter, Air				



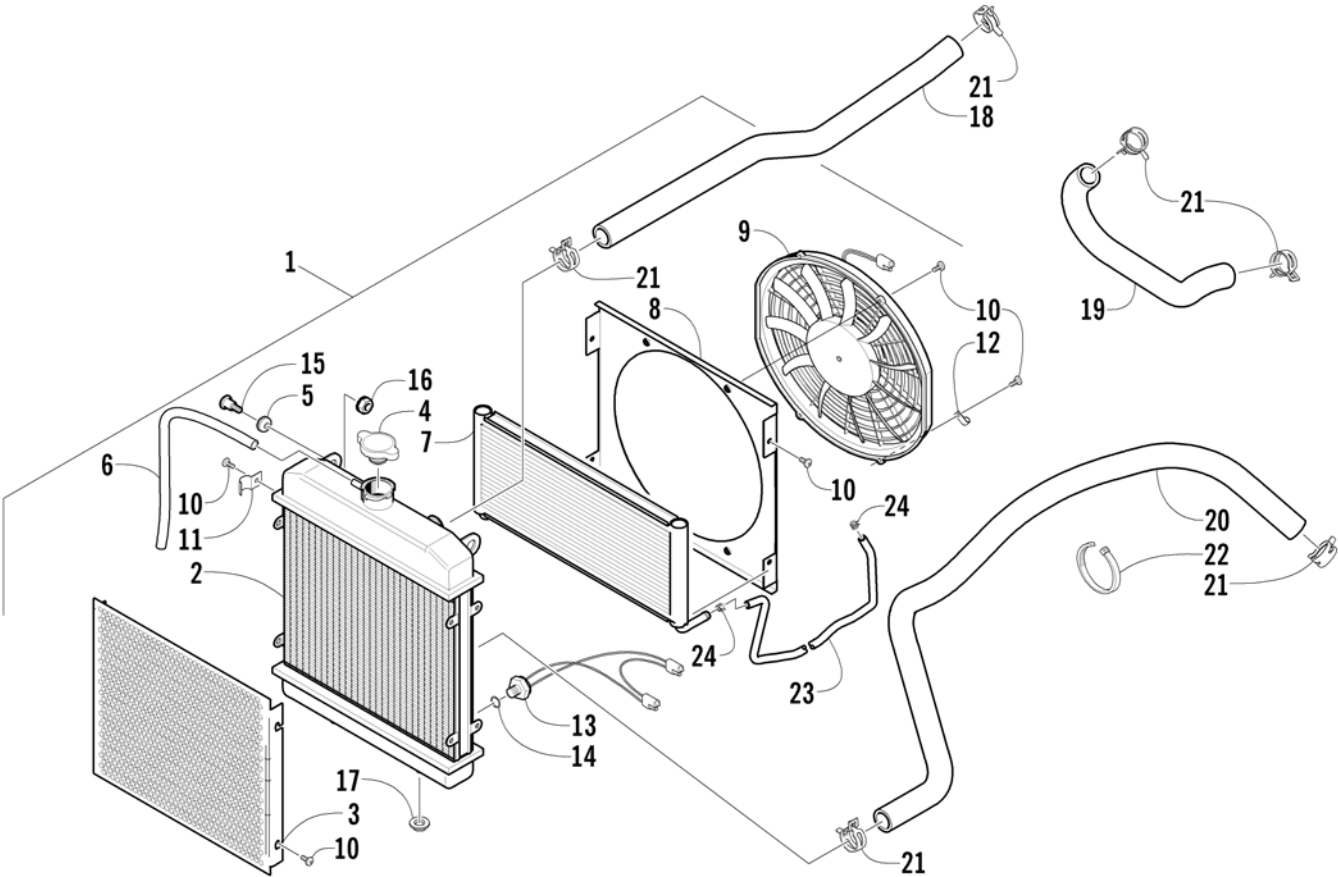
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5990-839	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	6	0645-152	1	Ø Clamp, Hose
2	1406-507	1	Ø Cover, Battery	7	0645-263	1	Ø Hose, Battery Vent
3	0406-288	2	Ø Pad, Battery	8	0645-151	1	Ø Label, Warning - Battery
*	0444-122	1	Ø Kit, Tool	9	0123-903	4	Cable Tie - 11.5 in.
4	AC003-005	1	Battery 400er	10	8476-616	2	Screw, Machine
5	0645-045	6	Ø Cap, Battery	11	0623-101	1	Routing Clip, Snap-In



ENGINE AND EXHAUST

0741-628

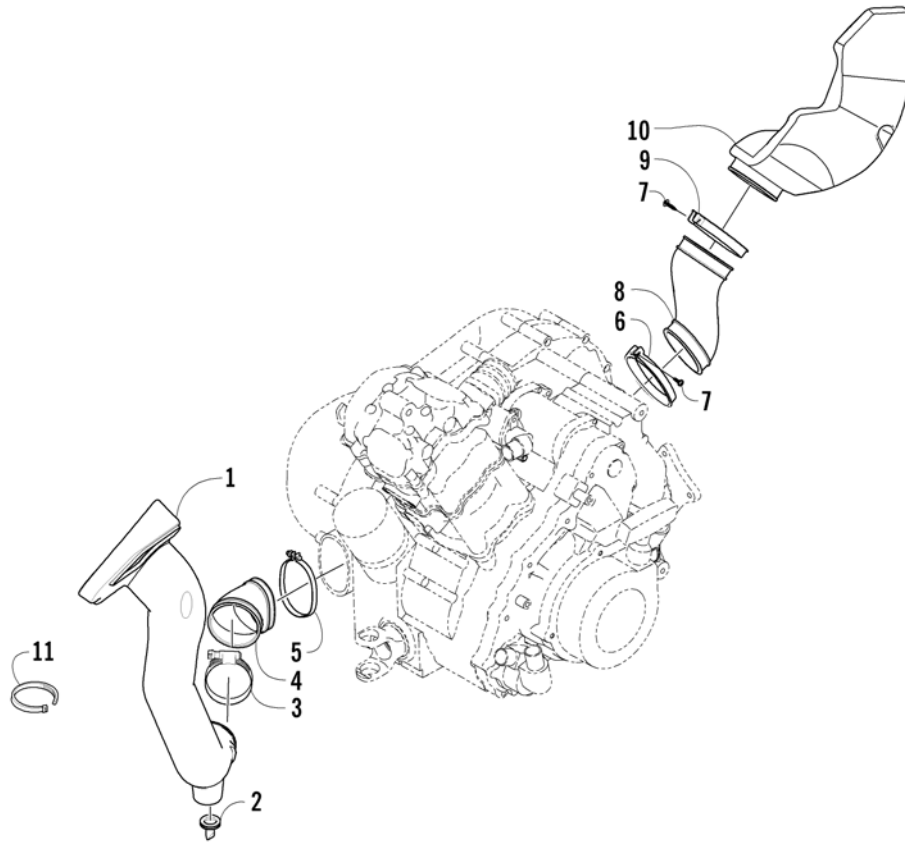
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0800-025	1	Engine	15	0512-362	1	ø Pipe, Exhaust
2	1506-740	1	Bracket, Engine - Right	16	0423-317	4	ø Hose Clamp
	1506-741	1	Bracket, Engine - Left	17	0412-338	1	Gasket, Exhaust Pipe
3	0423-405	2	Screw, Cap	18	0412-375	1	Seal, Exhaust
4	0423-042	1	Spacer, Engine	19	0612-668	2	Spring, Extension
5	8428-002	2	Nut, Lock	20	0412-215	3	Bushing, Exhaust Pipe
6	2406-065	4	Mount, Rubber - Engine	21	1506-732	1	Channel, Muffler Support
7	8408-820	10	Screw, Cap	22	0512-355	4	Muffler Assembly (inc. 23-25)
8	8408-012	4	Screw, Cap	23	8408-616	3	ø Screw, Cap
9	8432-802	8	Nut	24	0512-219	4	ø Arrestor, Spark Assembly
10	0512-363	1	Pipe, Exhaust - Assembly (inc. 11-16)	25	0412-313	4	ø Gasket, Spark Arrestor
11	0412-355	1	ø Shield, Exhaust Pipe - Lower - Rear	26	0412-373	4	Cover, Muffler
12	0412-354	1	ø Shield, Exhaust Pipe - Upper - Rear	27	8477-610	3	Screw, Machine
13	0412-349	1	ø Shield, Exhaust Pipe - Inner - Front	28	AC004-707	1	Exhaust Model 2006 400, 500, 650
14	0412-348	1	ø Shield, Exhaust Pipe - Outer - Front				



COOLING ASSEMBLY

0740-363

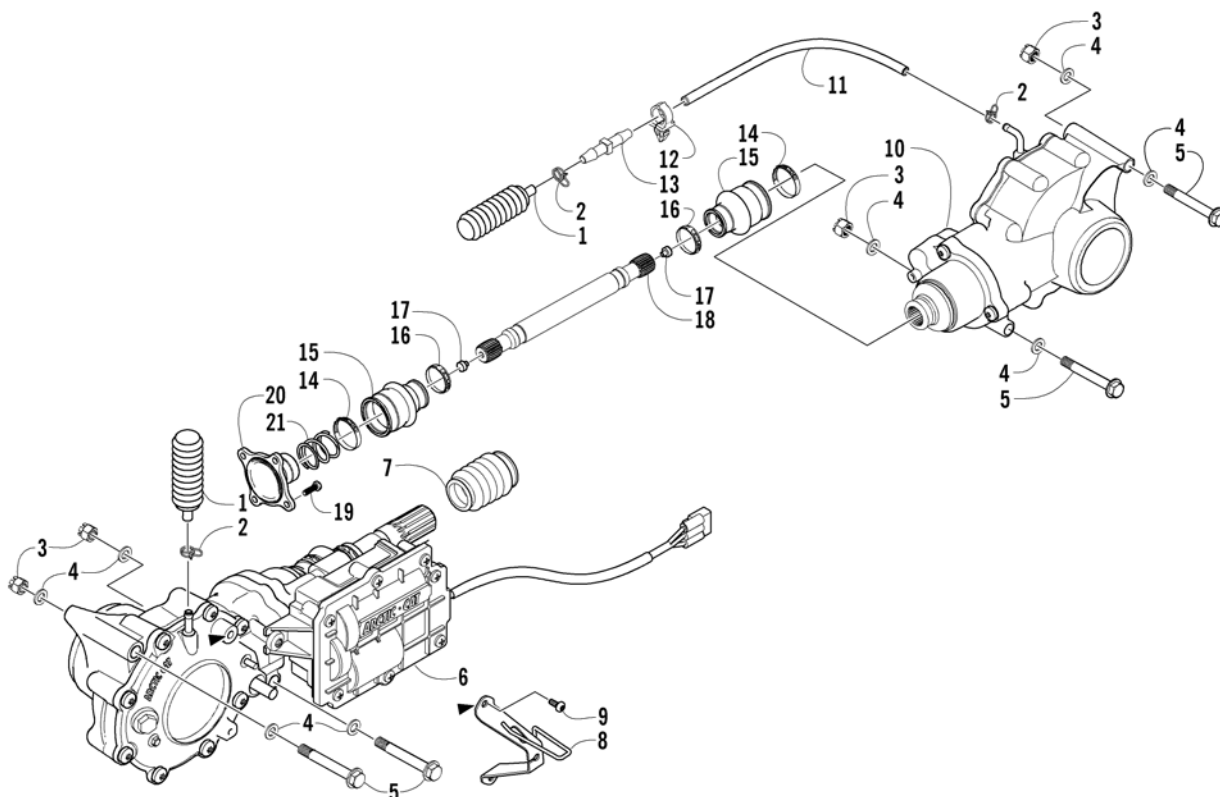
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-116	1	Radiator Assembly (inc. 2-14)	13	0413-045	1	ø Sender, Temperature - Coolant
2	0413-043	1	ø Radiator	14	0423-390	1	ø O-Ring
3	0413-007	1	ø Screen, Radiator	15	0423-484	2	Screw, Shoulder
4	0413-002	1	ø Cap, Radiator	16	0623-038	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	0410-123	2	Hose, Oil Cooler
12	0123-397	1	ø Clamp, Cable	24	0423-632	6	Clamp, Hose



CASE/BELT COOLING ASSEMBLY

0741-581

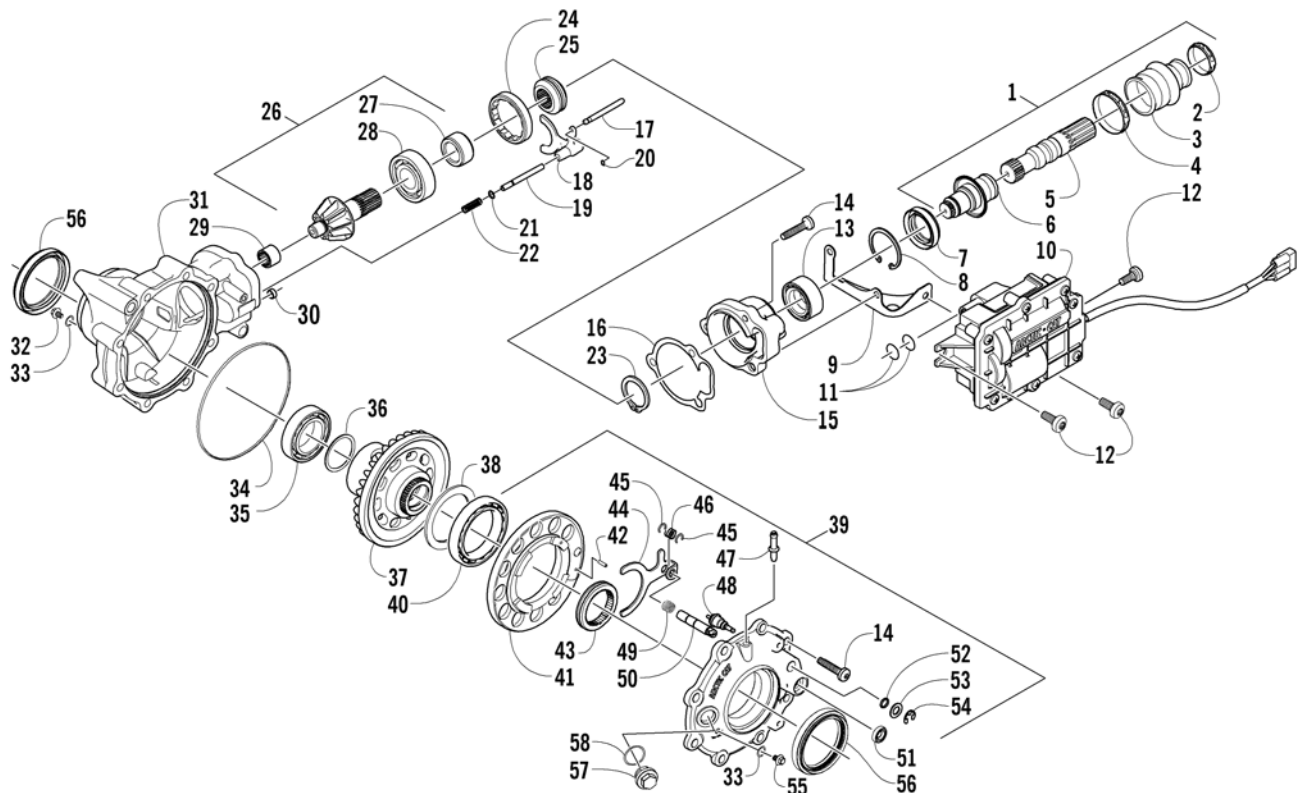
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-115	1	Duct, Belt Cooling - Front	7	0423-342	2	Screw, Self-Tapping
2	0470-442	1	Valve, Drain	8	0413-097	1	Boot, Duct - Rear
3	0423-578	1	Clamp, Boot	9	0423-554	1	Clamp, Boot
4	0413-114	1	Boot, Duct - Front	10	<u>0413-153</u>	1	Duct, Belt Cooling - Rear
5	0423-539	1	Clamp, Boot	11	0123-903	1	Cable Tie - 11.5 in.
6	0423-550	1	Clamp, Plastic				



DRIVE TRAIN ASSEMBLY

0740-751

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-147	2	Bladder, Gearcase	12	0623-101	1	Clip, Routing - Snap-In
2	0423-315	4	Clamp, Fitting	13	0470-462	1	Fitting, Vent
3	8428-002	4	Nut, Lock	14	0423-393	2	Clamp, Boot
4	0423-426	10	Washer	15	0402-985	2	Boot
5	0423-404	4	Screw, Cap	16	0423-411	2	Clamp, Boot
6	<u>1502-093</u>	1	Gearcase, Front	17	0673-618	2	Bumper, Propeller Shaft
7	0402-966	1	Boot, Shaft	18	1402-092	1	Shaft, Propeller
8	0502-500	1	Plate, Cable	19	8408-820	4	Screw, Cap
9	0423-396	2	Screw, Self-Tapping	20	0402-950	1	Flange, Output
10	<u>1502-079</u>	1	Gearcase, Rear	21	1402-026	2	Spring
11	0410-048	AR	Hose, Vent				

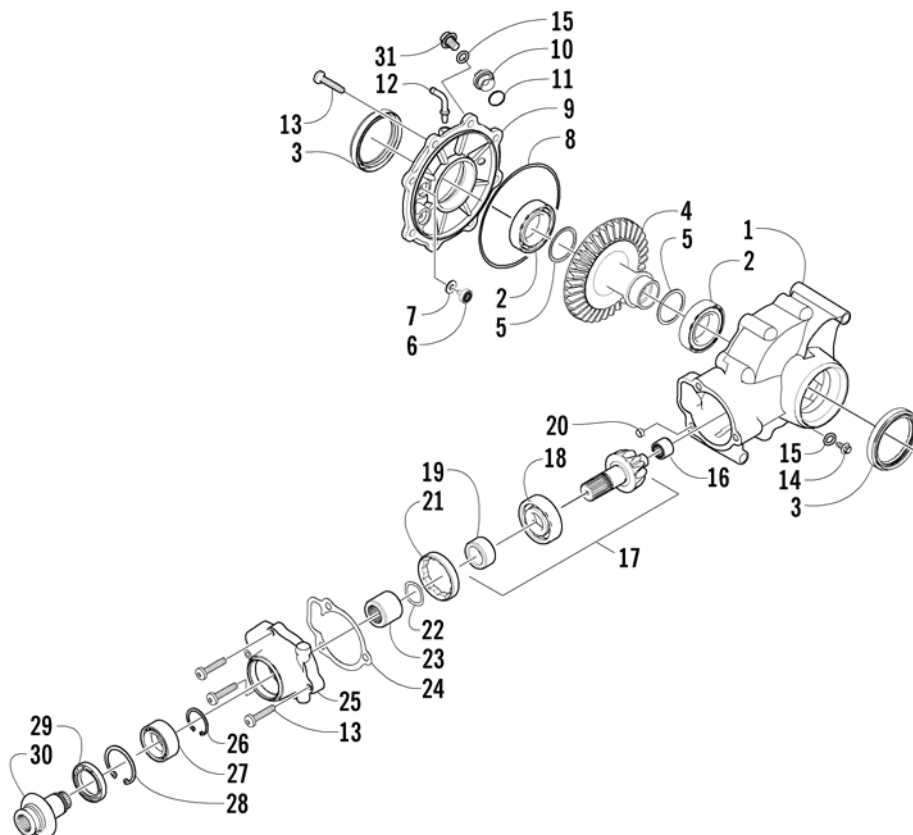


FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-093)

0741-522

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

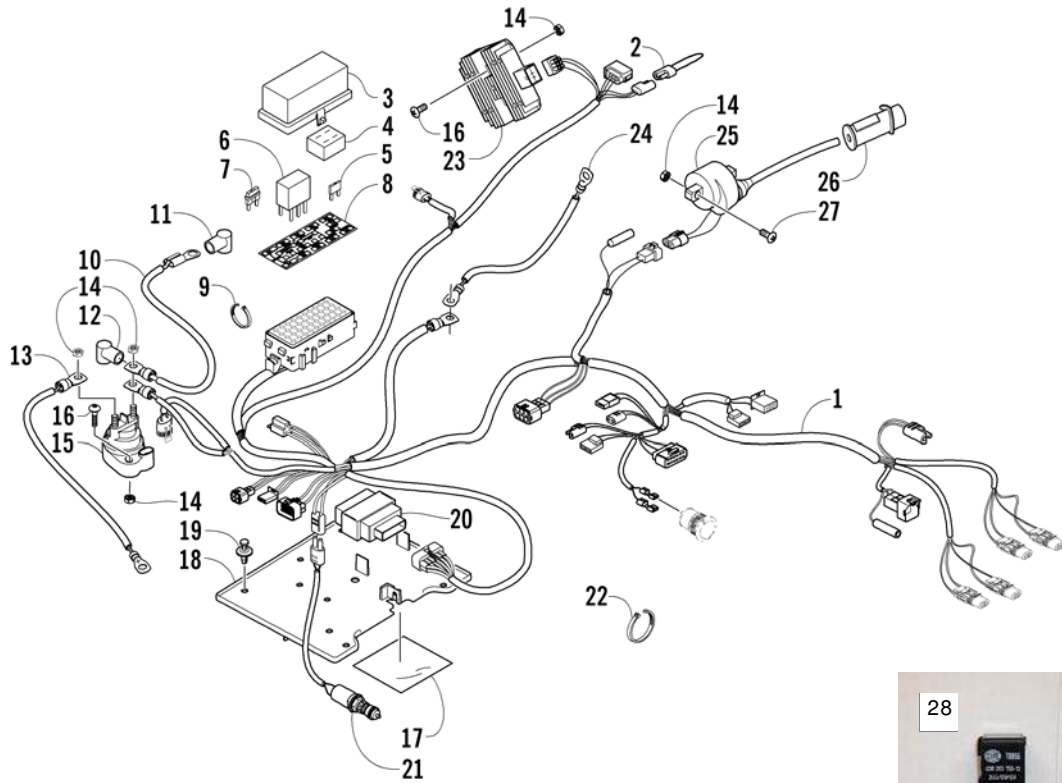


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-079)

0741-524

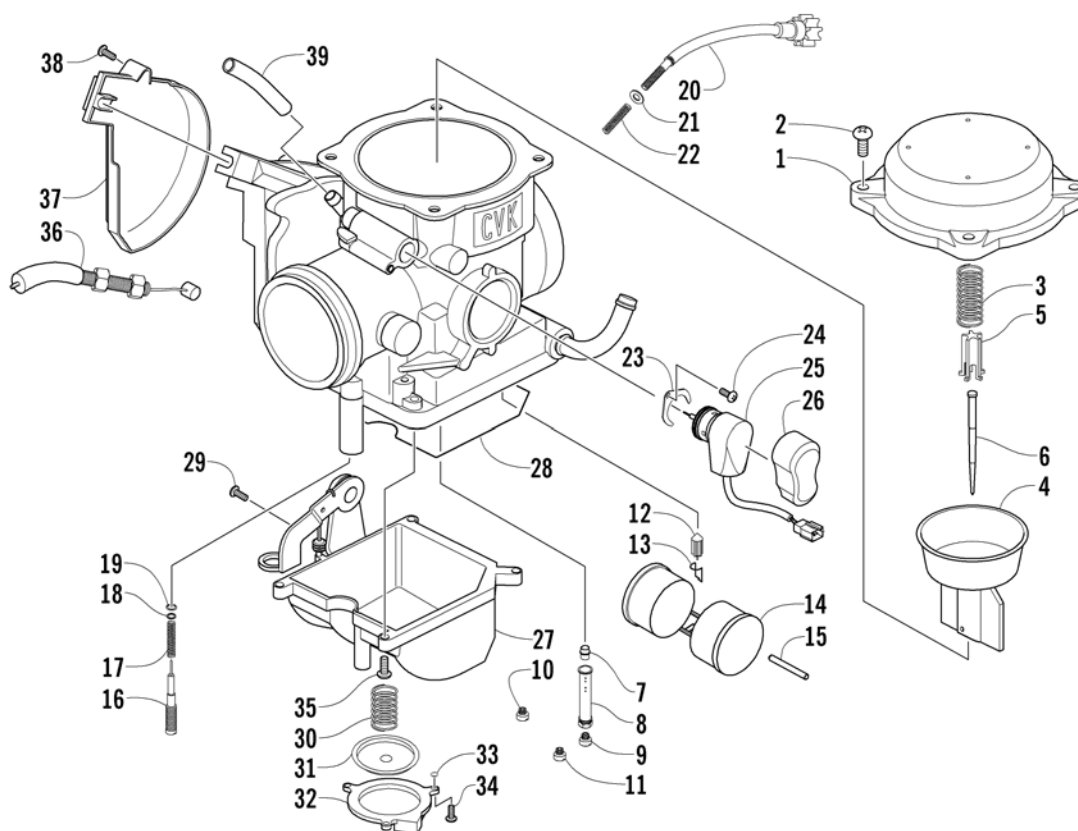
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-622	1	Housing, Gearcase	13	0423-118	11	Screw, Self-Tapping
2	0402-393	2	Bearing	14	0402-450	1	Plug, Magnetic (inc. one No. 15)
3	<u>1402-441</u>	2	Seal	15	0423-153	2	ø O-Ring
4	1402-032	1	Gear, Ring - 36T	16	0402-328	1	Bearing
5	0402-405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



WIRING HARNESS ASSEMBLY

0741-513

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-214	1	Harness, Main ECE (inc. 2-8)	14	0623-038	8	Nut w/Washer
2	0486-164	1	ø Tether, Accessory Connector	15	0445-058	1	Solenoid
3	0530-008	1	ø Cover, Fuse Block	16	8476-625	4	Screw, Machine
4	0430-037	1	ø Holder, Fuse	17	0412-291	1	Shield, Heat
5	0430-034	1	ø Diode	18	1406-787	1	Tray, Electrical
6	0430-033	2	ø Relay - 10 Amp	19	0623-362	4	Rivet, Reinstallable
	0430-045	3	ø Relay - 20 Amp	20	0824-038	1	CDI Unit
7	0430-032	4	ø Fuse - 10 Amp	21	0409-072	1	Switch, Brake - Assembly
	0430-031	3	ø Fuse - 15 Amp	22	0123-903	AR	Cable Tie - 11.5 in.
	0430-030	2	ø Fuse - 30 Amp	23	0824-037	1	Regulator, Voltage
8	1411-502	1	ø Decal, Fuse Block	24	0445-063	1	Cable, Battery/Ground
9	0123-788	AR	Cable Tie - 7.5 in.	25	0824-036	1	Coil, Ignition - Assembly
10	0445-064	1	Cable, Solenoid/Starter (inc. 11)	26	0824-021	1	Cap, Spark Plug
11	0645-019	1	ø Boot, Terminal	27	8476-620	2	Screw, Machine
12	0645-327	1	Boot, Terminal	28	0430-049	1	Flasher, Turn Signal
13	0445-062	1	Cable, Battery/Solenoid				

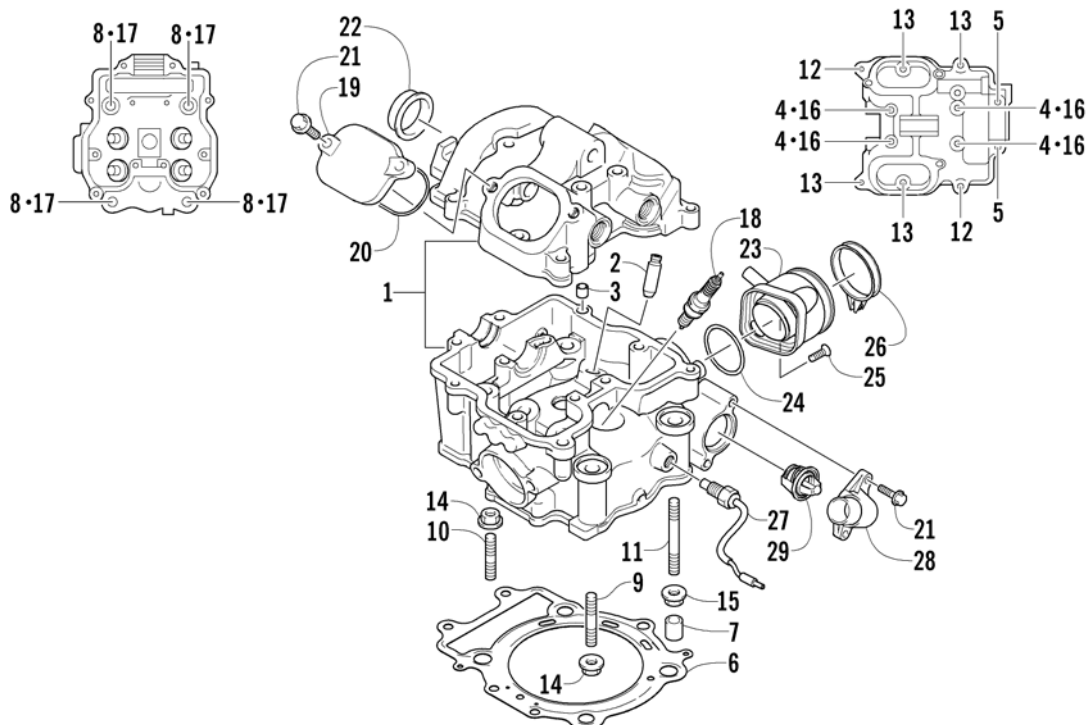


CARBURETOR

CVK40-AE ECE (Complete Assembly p/n 0470-705)

0740-600 *Not a Service Part **Optional

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-001	1	Cover, Top	15	*	1	ø Pin, Float
2	5507-002	4	Screw, Top Cover	16	5507-111	1	Screw, Pilot - Set (inc. 17-19)
3	5507-066	1	Spring	17	*	1	ø Spring
4	5507-099	1	Piston, Vacuum	18	*	1	ø Washer
5	5507-005	1	Seat, Spring	19	*	1	ø O-Ring
6	5507-201	1	Jet Needle	20	5507-027	1	Screw, Idle Adjust
7	5507-007	1	Needle Jet	21	5507-028	1	Washer
8	5507-047	1	Holder, Needle Jet	22	5507-029	1	Spring
9	5507-075	1	Main Jet - 132	23	5507-115	1	Plate
	5507-072	1	Main Jet - 125**	24	5507-117	1	Screw
	5507-073	1	Main Jet - 128**	25	5507-204	1	Choke, Electric
	5507-074	1	Main Jet - 130**	26	5507-114	1	Cover, Electric Choke
	5507-076	1	Main Jet - 138**	27	5507-203	1	Chamber, Float - Assembly (inc. 28-34)
	5507-057	1	Main Jet - 135**	28	5507-067	1	ø O-Ring, Float Chamber
	5507-043	1	Main Jet - 142**	29	5507-050	1	ø Screw, Drain
	5507-042	1	Main Jet - 145**	30	5507-032	1	ø Spring
	5507-041	1	Main Jet - 148**	31	5507-202	1	ø Diaphragm Assembly - Pump Housing
	5507-009	1	Main Jet - 150**	32	5507-033	1	ø Housing, Pump
	5507-077	1	Main Jet - 152**	33	5507-034	1	ø U-Ring
	5507-078	1	Main Jet - 155**	34	5507-035	3	ø Screw
10	5507-101	1	Slow Jet	35	5507-017	4	Screw
11	5507-112	1	Starter Jet - 85	36	0487-021	1	Cable, Throttle
12	5507-183	1	Valve, Float - Set (inc. 13)	37	5507-036	1	Cover
13	*	1	ø Clip	38	5507-037	1	Screw
14	5507-039	1	Float Set (inc. 15)	39	0410-048	AR	Hose, Vent - 25 ft

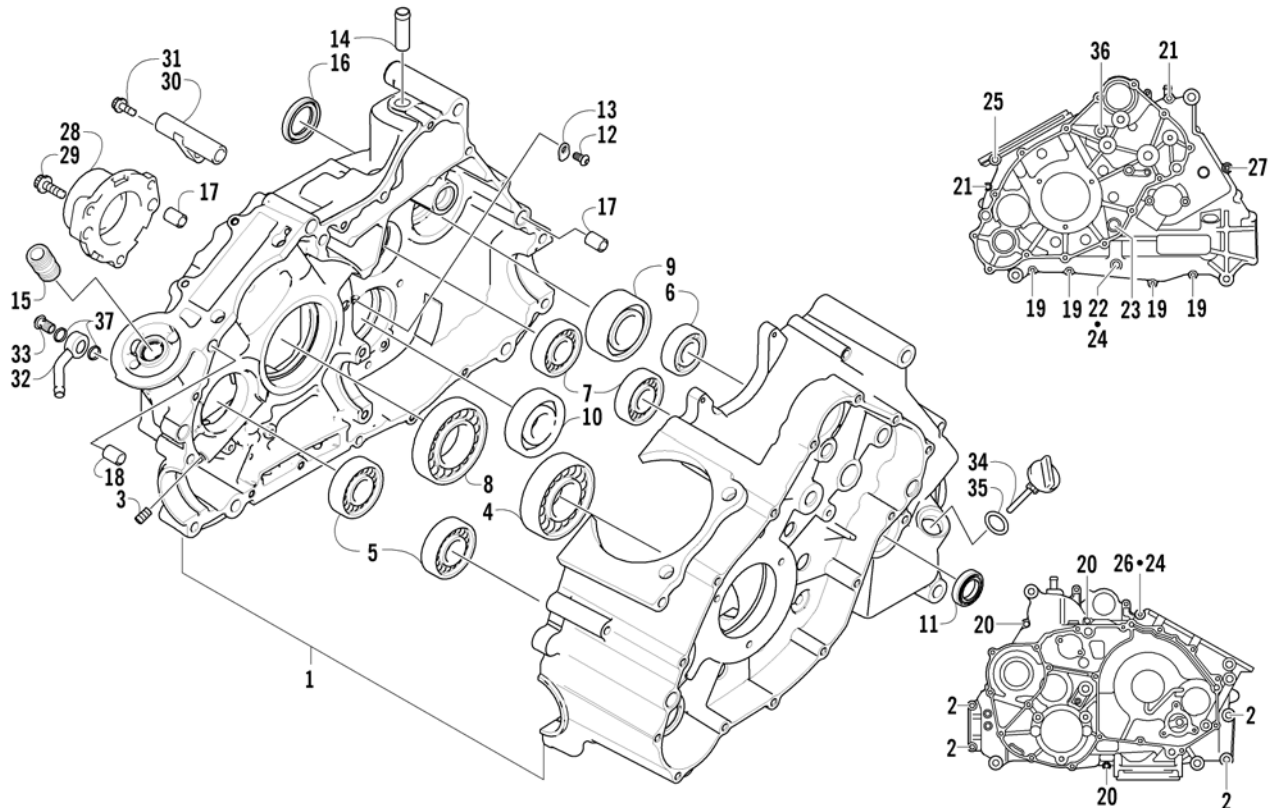


CYLINDER HEAD ASSEMBLY

0739-926

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	0830-147	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	5	Screw, Cap
7	0829-002	2	Pin, Dowel	22	0808-077	1	Plug, Cylinder Head
8	0808-037	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	1623-108	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	5	Nut	29	0808-078	1	Thermostat
15	8424-804	1	Nut				

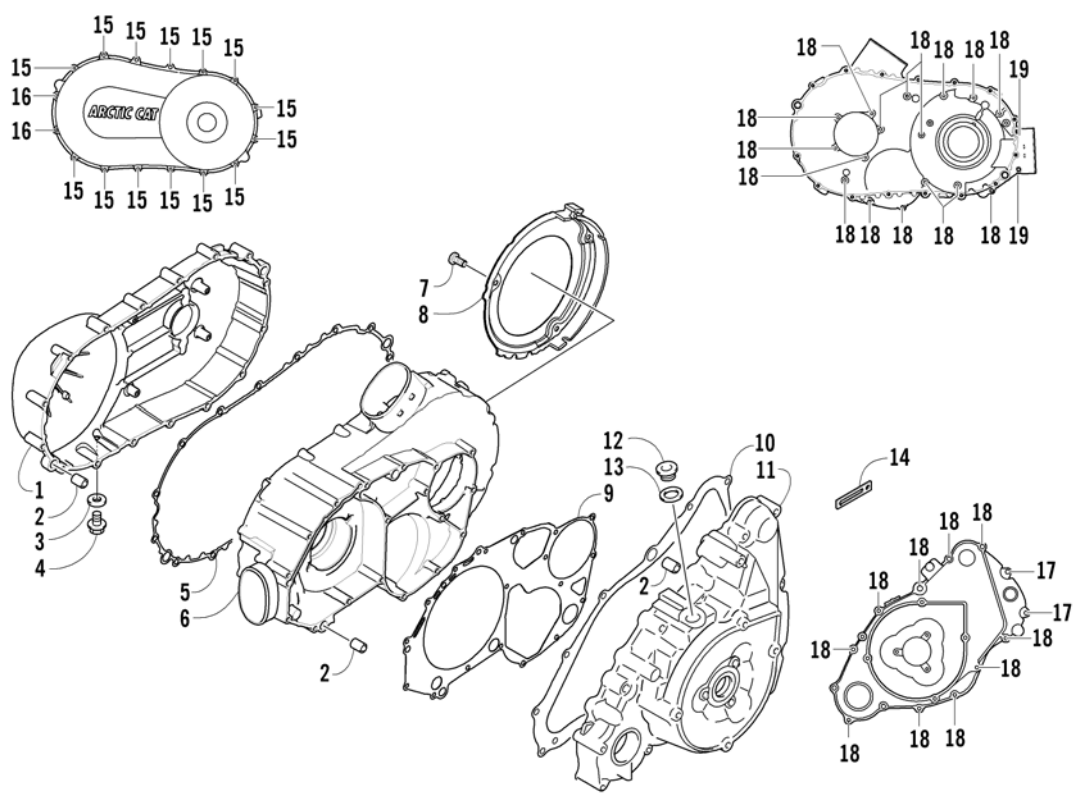
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CRANKCASE ASSEMBLY

0739-931

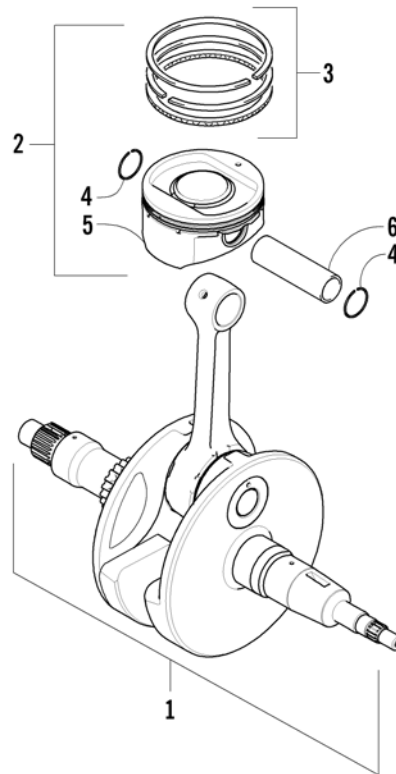
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0801-056	1	Crankcase Assembly (inc. 2-16)	20	8468-655	3	Screw, Machine
2	8412-850	4	Ø Screw, Cap	21	8468-675	2	Screw, Machine
3	0801-002	2	Ø Plug	22	8412-860	1	Screw, Cap
4	0832-003	1	Ø Bearing	23	0826-017	1	Screw, Cap
5	0832-005	2	Ø Bearing	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

0741-709

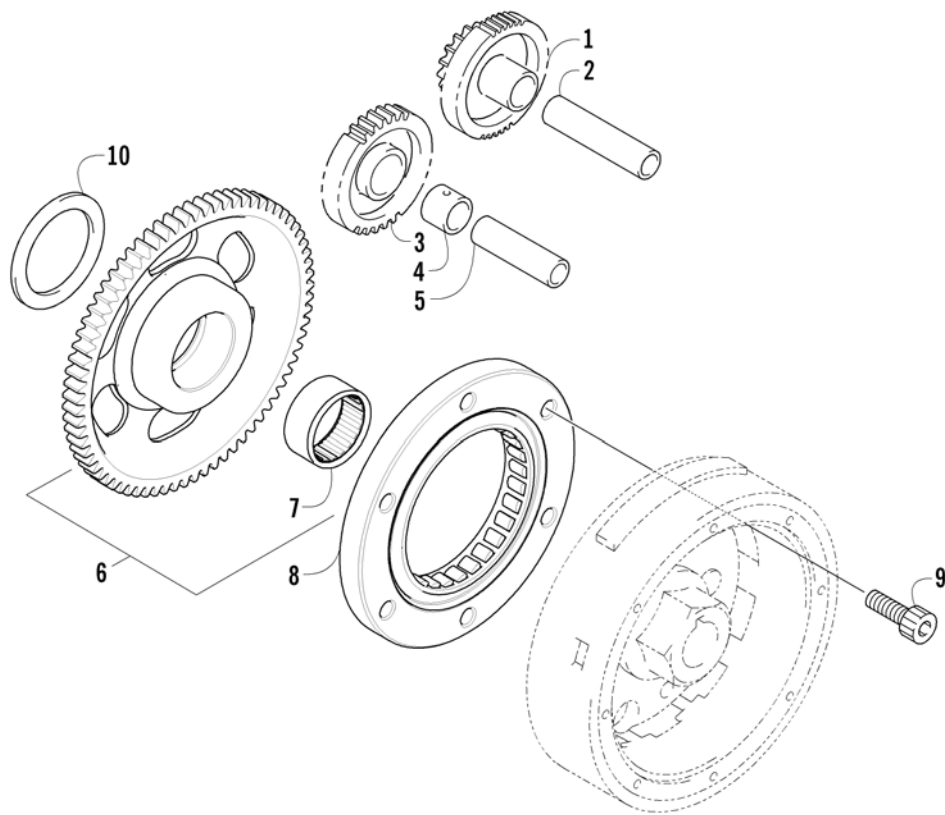
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0806-014	1	Cover, V-Belt	11	0806-077	1	Cover, Magneto - Assembly
2	0829-002	4	Pin, Dowel	12	0806-022	1	Plug
3	0830-013	1	Washer, Crush	13	0830-015	1	Washer, Crush
4	8408-812	1	Screw, Cap	14	3002-964	1	Clamp, Wire
5	0830-012	1	Gasket, V-Belt Cover	15	8468-645	14	Screw, Machine
6	0806-013	1	Cover, Clutch	16	8468-655	2	Screw, Machine
7	0826-029	3	Screw	17	8468-625	2	Screw, Machine
8	0806-048	1	Plate, Air Intake	18	8468-640	26	Screw, Machine
9	0830-116	1	Gasket, Clutch Cover	19	8468-675	2	Screw, Machine
10	0830-128	1	Gasket, Magneto Cover				



CRANKSHAFT ASSEMBLY

0739-932

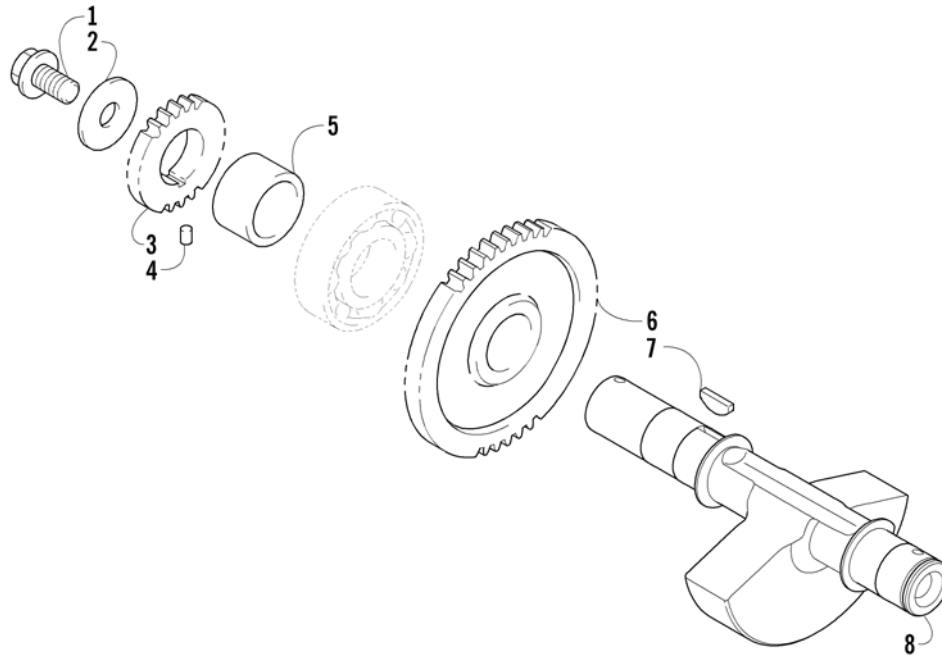
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0805-032	1	Crankshaft Assembly	4	0831-001	2	ø Circlip, Piston Pin
2	0805-035	1	Piston Set (inc. 3-6)	5	0805-010	1	ø Piston
3	0805-011	1	ø Ring, Piston - Set	6	0805-012	1	ø Pin, Piston



STARTER CLUTCH ASSEMBLY

0739-940

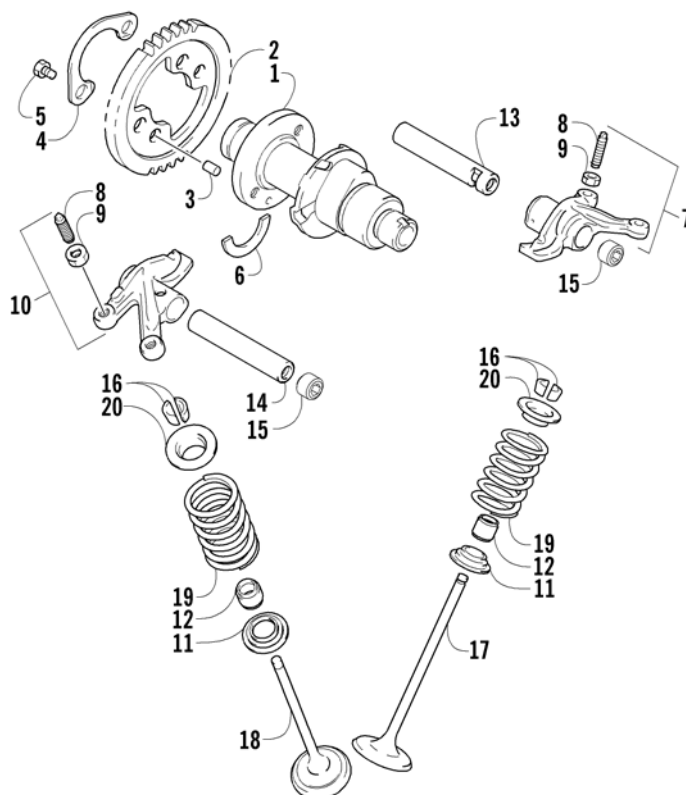
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0815-001	1	Gear, Starter Idler - No. 1	6	0815-004	1	Gear, Starter Clutch (inc. 7)
2	0829-031	1	Shaft, Starter Gear	7	0832-004	1	δ Bearing
3	0815-002	1	Gear, Starter Idler - No. 2	8	0802-035	1	Clutch, Starter
4	0815-003	1	Spacer, Starter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



CRANK BALANCER ASSEMBLY

0739-941

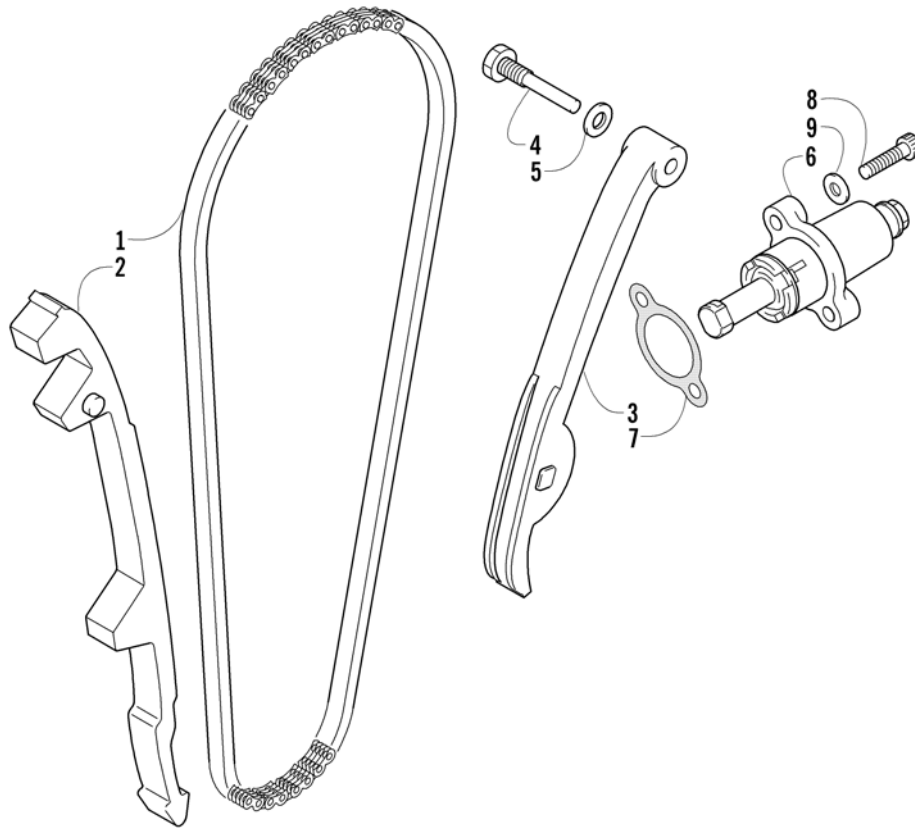
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0826-033	1	Screw, Cap	5	0811-004	1	Spacer
2	0828-003	1	Washer	6	0811-002	1	Gear, Driven
3	0811-003	1	Gear, Oil Pump Drive	7	0829-006	1	Key
4	0829-007	1	Pin, Dowel - Solid	8	0811-017	1	Balancer, Crank



CAMSHAFT/VALVE ASSEMBLY

0739-942

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0809-116	1	Camshaft	11	0809-006	4	Seat, Spring - Valve
2	0809-002	1	Sprocket	12	0830-016	4	Seal, Oil
3	0829-008	1	Pin	13	0809-007	1	Shaft, Rocker Arm - Intake
4	0828-004	1	Washer	14	0809-008	1	Shaft, Rocker Arm - Exhaust
5	0826-034	2	Bolt	15	0831-041	2	Plug, Shaft
6	0809-003	1	C-Ring	16	0809-014	8	Keeper, Valve
7	0809-134	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	0809-138	4	Spring, Valve
10	0809-136	1	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)	20	0809-013	4	Retainer, Spring

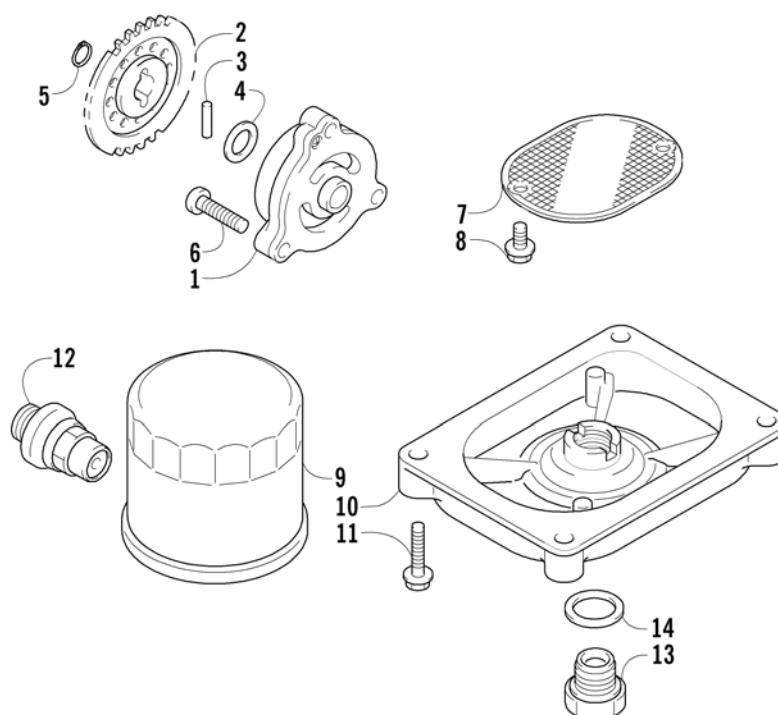


CAM CHAIN ASSEMBLY

0732-308

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				

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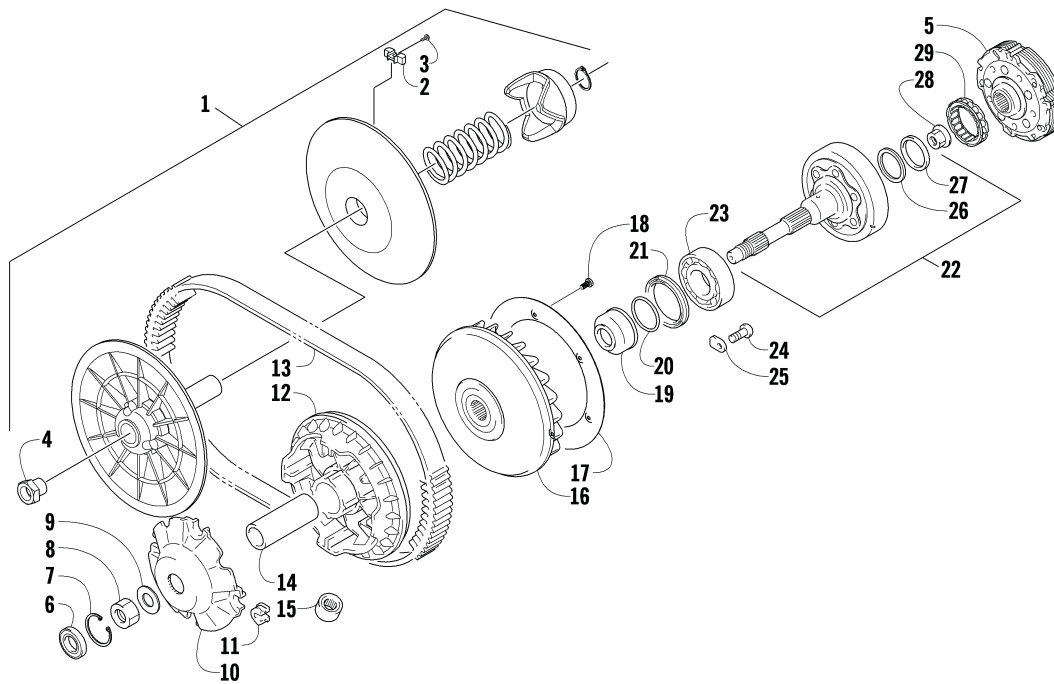


OIL FILTER/PUMP ASSEMBLY

0741-719

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0812-023	1	Pump, Oil	8	0826-040	2	Screw, Machine
2	0812-002	1	Gear, Driven	9	0812-029	1	Filter, Oil
3	0829-009	1	Pin	10	<u>0812-053</u>	1	Cap, Oil Strainer
4	0828-007	1	Washer	11	8468-625	4	Screw, Machine
5	0831-002	1	Circlip	12	0812-007	1	Valve, Oil-Relief - Assembly
6	0826-039	3	Screw, Cap	13	0812-006	1	Plug, Drain
7	0812-003	1	Strainer, Oil	14	0830-017	1	Gasket, Drain Plug

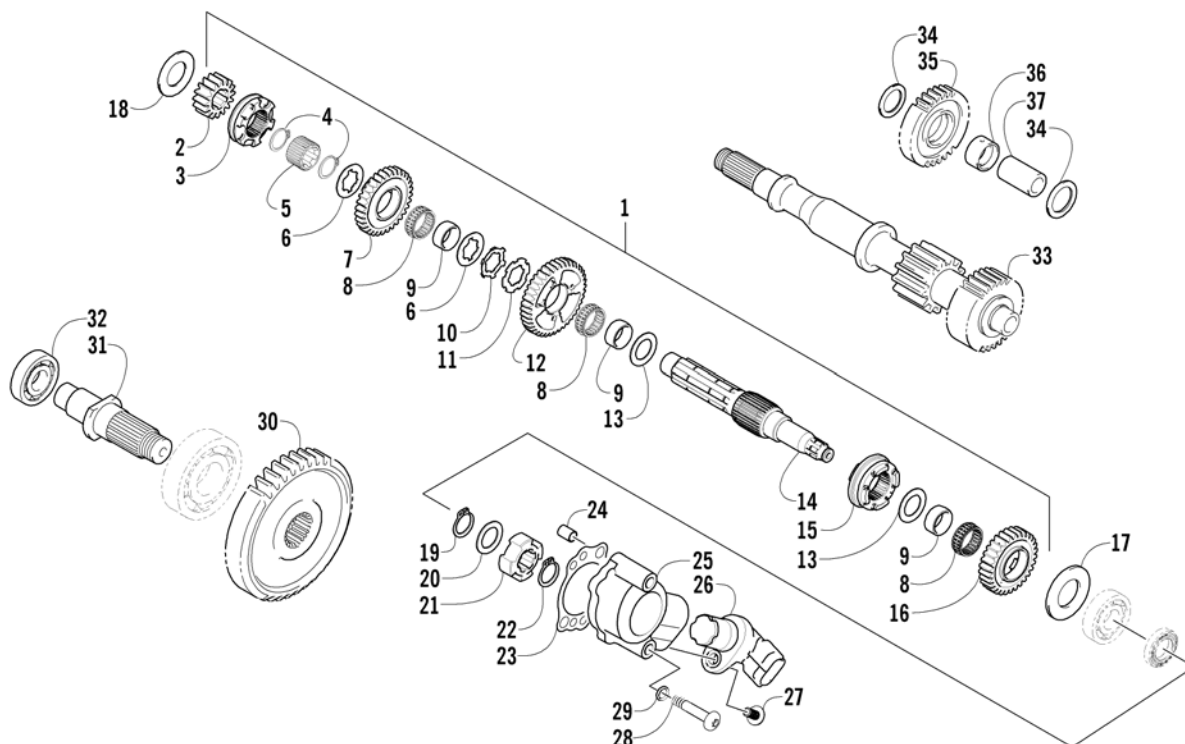
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TRANSMISSION ASSEMBLY

0742-517

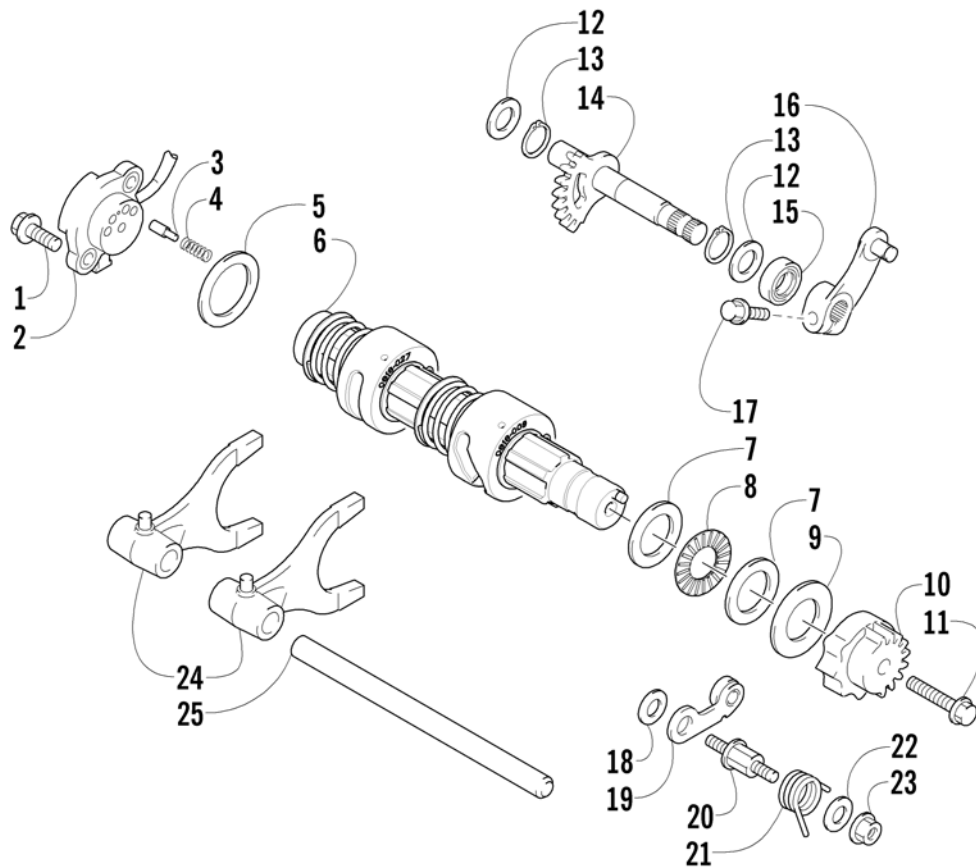
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-156	1	Face, Fixed Drive
2	0823-176	3	● Shoe, Cam	17	0823-131	1	Shroud, Drive Face
3	0823-177	3	● Screw, Cam	18	0623-914	6	Screw, Self-Tapping
4	0823-178	1	● Nut, Driven Pulley	19	0823-015	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

0739-954

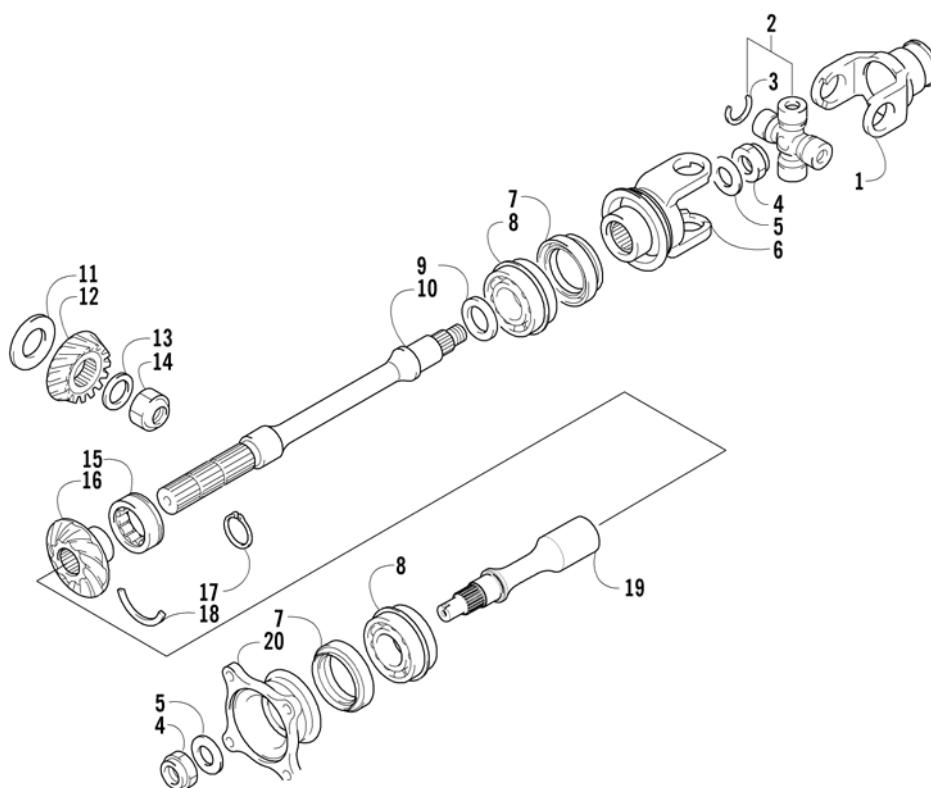
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0822-048	1	Countershaft Assembly (inc. 2-16)	20	0828-069	1	Washer, Thrust
2	0822-008	1	ø Gear, Drive - No. 2	21	0822-050	1	Trigger, Speedometer Sensor
3	0822-014	1	ø Dog, Reverse Driven Gear	22	0831-039	1	Ring, Retaining
4	0831-011	2	ø Circlip	23	0830-129	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	0831-040	1	Ring, Retaining				



GEAR SHIFTING ASSEMBLY

0739-957

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	0818-072	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				

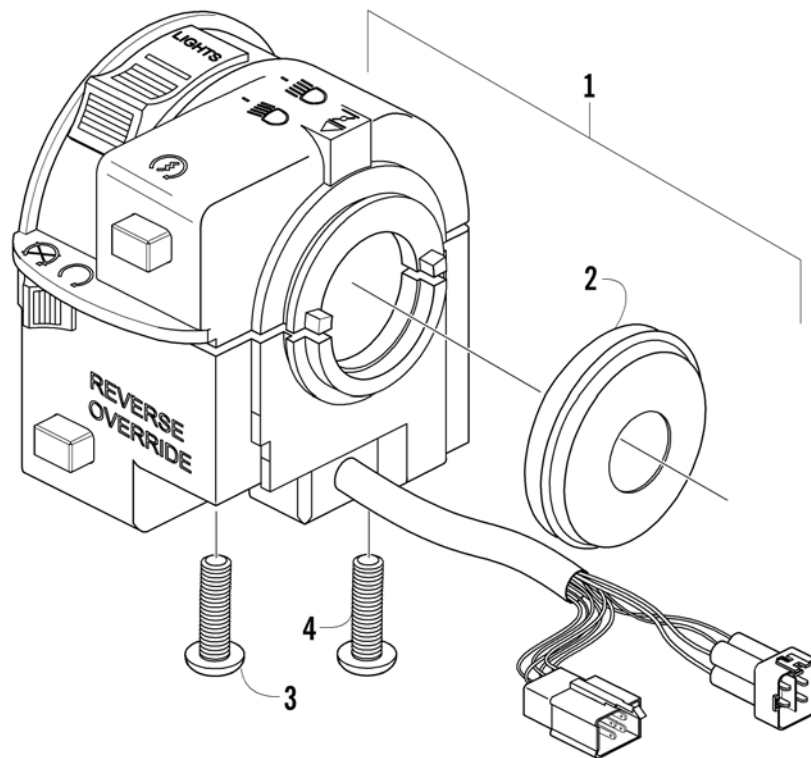


SECONDARY DRIVE ASSEMBLY

0739-956

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	1402-463	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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CONTROL SWITCH HOUSING ASSEMBLY

0738-459

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0409-081	4	Switch, Control Assembly (inc. 2-4)	3	0409-028	1	ø Screw
	0409-081	1	Switch, Control Assy. Europe 06	4	0409-027	1	ø Screw
2	3409-019	1	ø Cover, Choke Lever				

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RELATED ITEMS

2008 ATV 650 H1 3in1

0436-925	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
0436-460	Carryall (11 x 17)	0436-360	Plow Blade, 60 in. - One-Way
0436-462	Carryall (10 D)	0436-636	Plow, Push Frame
0436-477	Cord Reel	0436-626	Rack Basket
0436-726	Cover, Trailerable	0436-798	Rack - Rear
0436-087	Electrical Plug	0436-965	Saddlebags
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	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		
0436-774	Lunch Pack, Black		
2257-613	Manual, Operator's (E)		
2257-614	Manuel d'utilisation (F)		

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