



650 H1

STREET LEGAL



2008

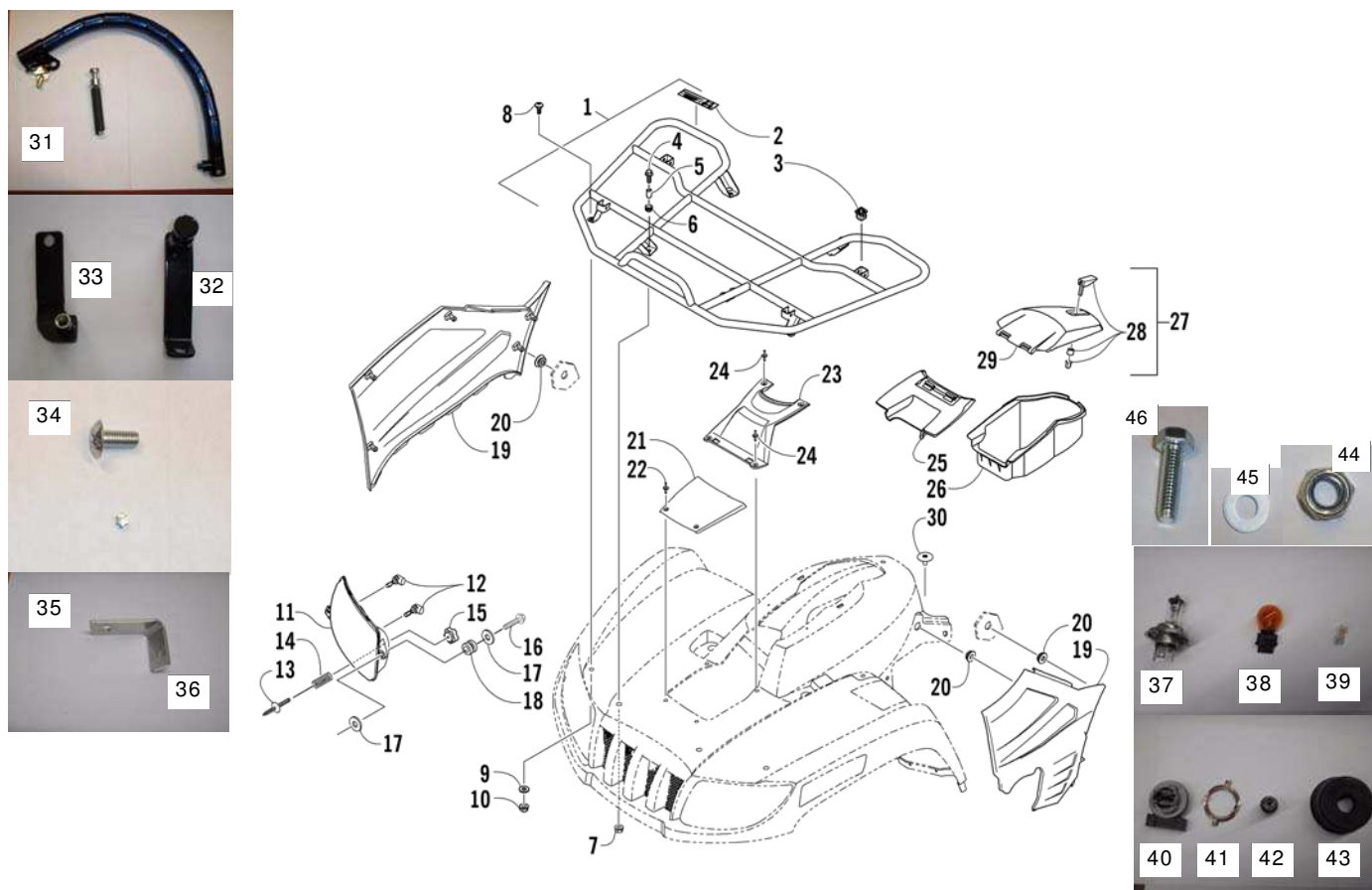
Illustrated Parts Manual

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2008 ATV 650 H1 Street Legal

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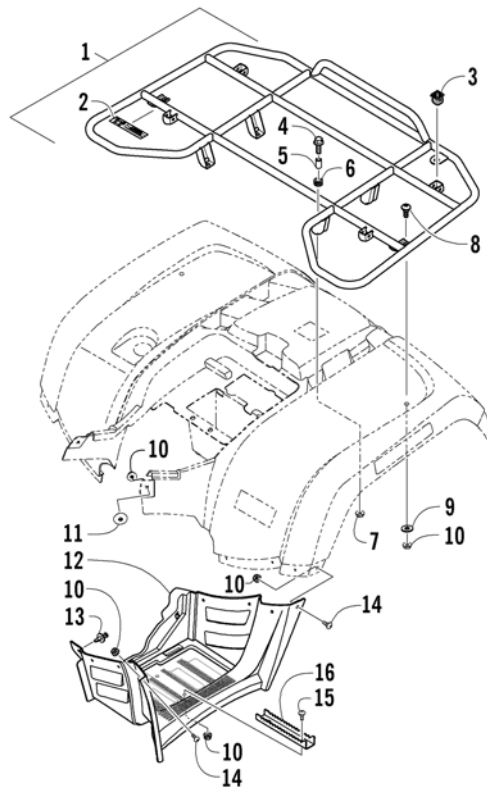
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2008 model year.



FRONT RACK AND HEADLIGHT ASSEMBLIES

0742-501

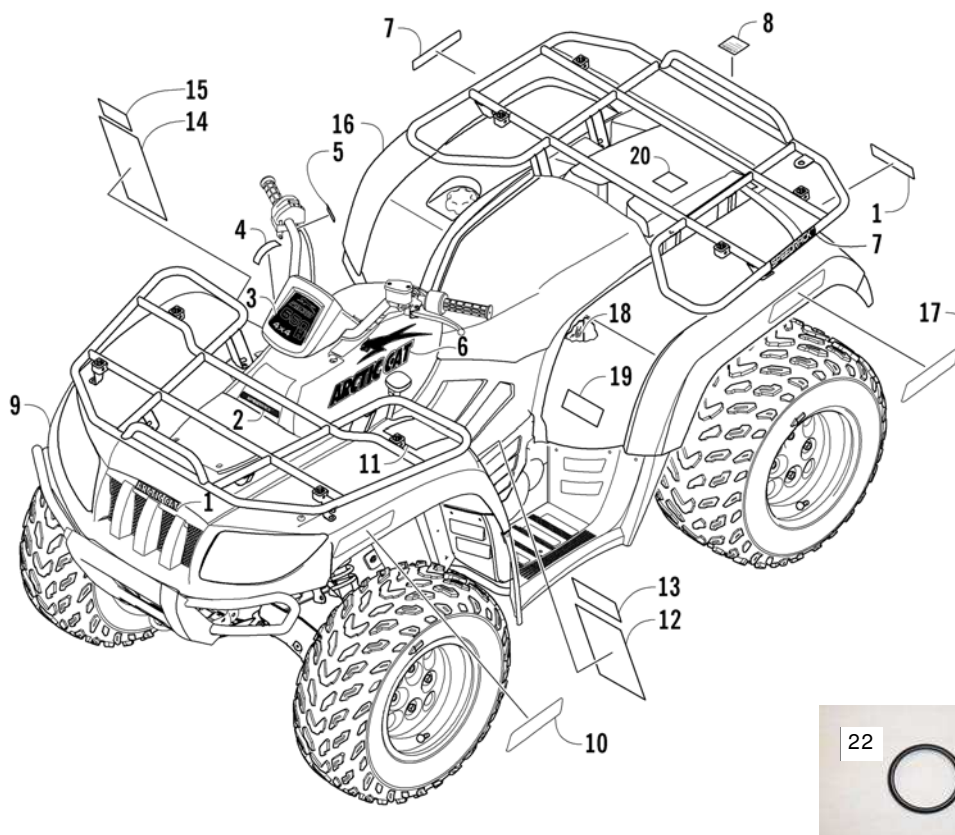
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-106	1	Rack, Front - Assembly (inc. 2-3)	24	0623-362	4	Rivet, Reinstallable
2	0411-576	1	ø Decal, Warning - Front Rack Load	25	0470-513	1	Cover, Storage Box
3	0441-592	4	ø Bushing, Rack	26	1406-573	1	Box, Storage
4	8410-830	4	Screw, Cap	27	2506-234	1	Lid, Storage Box w/Latch (inc. 28-29)
5	0423-669	4	Spacer	28	1406-599	1	ø Latch, Storage Box
6	0423-465	4	Grommet	29	0470-514	1	ø Lid, Storage Box
7	8432-802	4	Nut, Lock	30	0423-101	2	Screw, Body
8	0423-654	2	Screw, Shoulder	31	AC008-055	1	Anti Theft Device 2008
9	8050-222	2	Washer	32	AC008-789	1	Bracket Anti Theft Device MY08
10	0423-540	2	Nut, Lock	33	AC008-788	1	Holder Anti Theft Device MY08
11	0509-036	1	Headlight Assy. RH ECE (inc. 37-43)	34	AC008-795	1	Star Screw, Anti Theft Device
	0509-037	1	Headlight Assy. LH ECE (inc. 37-43)	35	AC008-011	1	Holder Panel Left
42	0409-055	4	ø Bulb, Headlight	36	AC008-012	1	Holder Panel Right
13	0423-514	2	Stud, Adjuster - Headlight	37	0409-096	2	Bulb, H/L Headlight 35/35W
14	0423-522	2	Spring, Adjuster	38	0409-099	2	Bulb, Turn Signal
15	0423-513	2	Knob, Adjuster	39	0409-101	2	Bulb, Position Light
16	0623-785	4	Screw, Self-Tapping	40	0409-100	2	Socket, Bulb Turn
17	8050-217	8	Washer	41	0409-097	2	Retainer Bulb
18	0423-447	4	Grommet	42	0409-102	2	Socket, Bulb Position Light
19	2406-300	1	Panel, Side - Lower - Right	43	0409-098	2	Boot H/L Rubber
	2406-419	1	Panel, Side - Lower - Left	44	AC008-424	2	Stop Nut M6
20	0423-678	8	Grommet	45	AC008-249	2	Washer6
21	1406-358	1	Cover, Access	46	AC008-248	2	Hexagon Socket Screw M6x20
22	0423-535	2	Rivet, Reinstallable				
23	1406-484	1	Cover, Steering Post				



REAR RACK AND FOOTWELL ASSEMBLIES

0742-373

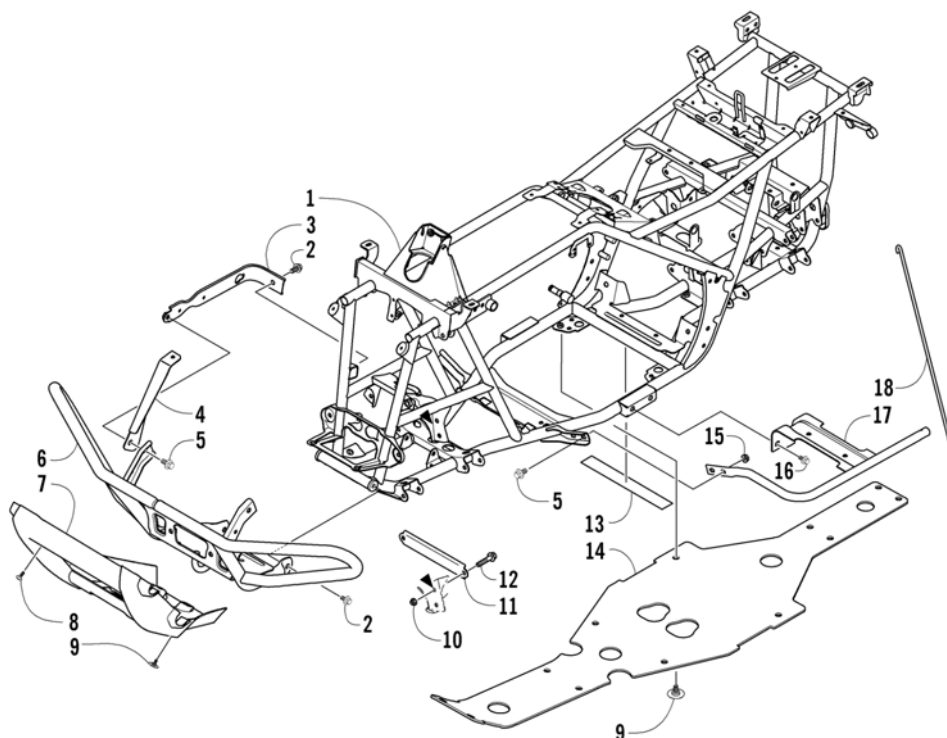
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-125</u>	1	Rack, Rear - Assembly (inc. 2-3)	10	0423-540	24	Nut, Lock
2	0411-648	1	ø Decal, Warning - Rear Rack Load	11	0423-101	2	Screw, Body
3	0441-592	4	ø Bushing, Rack	12	1406-356	1	Footwell - Right
4	8410-830	4	Screw, Cap		2406-429	1	Footwell - Left
5	0423-669	4	Spacer	13	0623-362	2	Rivet, Reinstallable
6	0423-465	4	Grommet	14	0423-419	16	Screw, Machine
7	8432-802	4	Nut, Lock	15	0423-355	4	Screw, Shoulder
8	0423-654	2	Screw, Shoulder	16	1506-125	2	Footpeg
9	8050-222	2	Washer				



BODY PANELS AND DECALS

0742-267

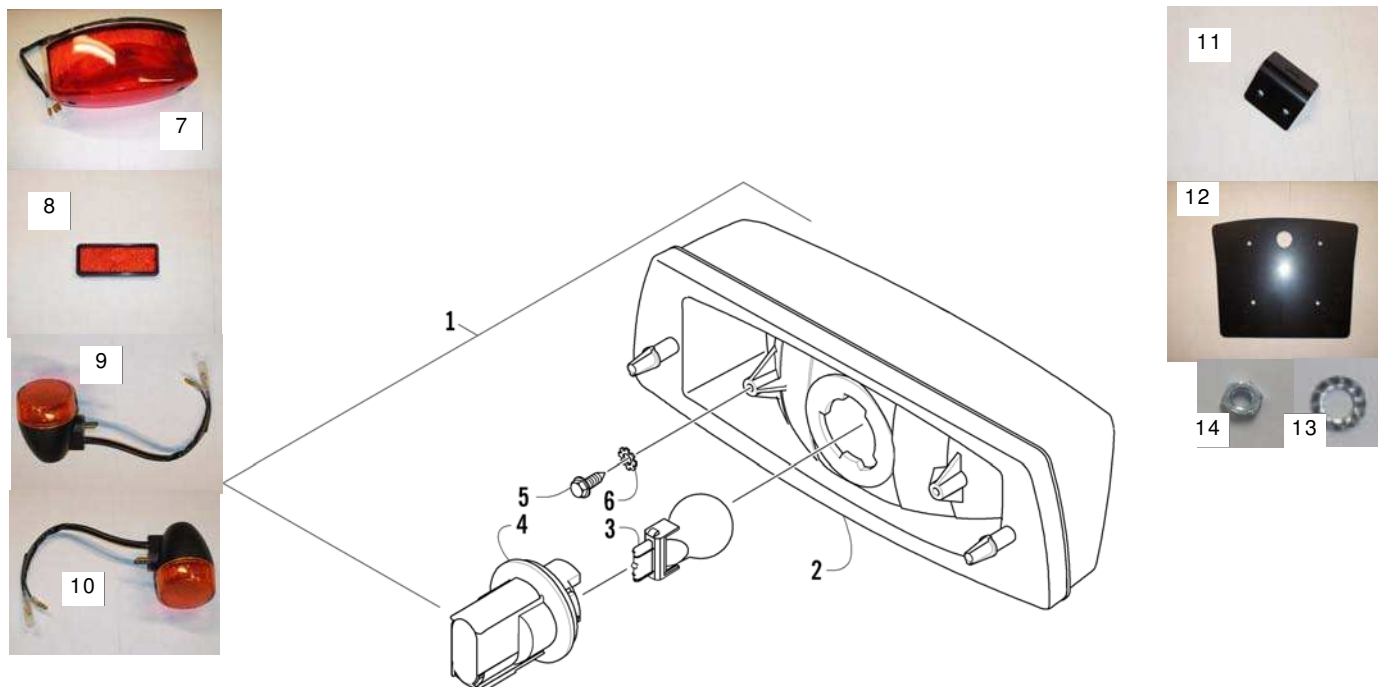
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1411-725</u>	2	Decal, Front/Rear	13	1411-574	4	Decal, Warning - Off Road Only
2	<u>1411-050</u>	1	Decal, "Speedrack"	14	1411-250	4	Decal, Warning - Reverse/Pre Ride
3	<u>1411-561</u>	1	Decal, Instrument Pod	15	0411-835	1	Decal, Warning - Turn/Hill
4	<u>0411-426</u>	1	Decal, Warning - Clutch Cover	16	AC006-013	1	Fender EU Homologated Rear (Red) (inc. 17-20 and one No. 1)
5	<u>0411-966</u>	1	Decal, Warning - Differential Lock		AC006-014	1	Fender EU Homologated Rear (Green) (inc. 17-20 and one No. 1) (Cat Green)
6	<u>1411-634</u>	1	Decal, Side - Upper Right		AC006-015	1	Fender EU Homologated Rear (Lime Green) (inc. 17-20 and one No. 1) (Black)
	<u>1411-635</u>	1	Decal, Side - Upper Left	17	<u>1411-592</u>	1	Decal, Reflector - Rear - Right
7	<u>0411-965</u>	2	Decal, "Speedrack"		<u>1411-593</u>	1	Decal, Reflector - Rear - Left
8	<u>1411-077</u>	1	Decal, Warning - Towing	18	<u>0470-658</u>	1	Shield, Heat
9	<u>0518-001</u>	1	Panel, Fender - Front - Red (inc. 10-15)	19	<u>0411-430</u>	1	Decal, Warning - Tire Pressure
	<u>0518-002</u>	1	Panel, Fender - Front - Cat Green (inc. 10-15) (Cat Green)	20	0411-435	4	Decal, Passenger
	<u>0518-004</u>	1	Panel, Fender - Front - Black (inc. 10-15) (Black)	22	0470-404	2	Grommet
10	<u>0411-818</u>	1	Decal, Reflector - Front - Right				
	<u>0411-819</u>	1	Decal, Reflector - Front - Left				
11	0411-401	4	Decal, Warning - Age				
12	0411-218	4	Decal, Warning - General				



FRAME AND RELATED PARTS

0742-357

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-675</u>	1	Frame, Main	13	0406-289	2	Pad, Frame
2	8409-020	4	Screw, Cap	14	2406-029	1	Panel, Belly
3	1506-596	1	Channel, Bumper Mounting - Right	15	8424-802	4	Nut, Flange
	0506-653	1	Channel, Bumper Mounting - Left	16	8409-016	4	Screw, Cap
4	1506-562	1	Bracket, Mounting - Bumper - Right	17	1506-380	1	Footrest - Right
	1506-563	1	Bracket, Mounting - Bumper - Left		1506-379	1	Footrest - Left
5	8408-816	6	Screw, Cap	18	2506-423	2	Rod, Support
6	1506-855	1	Bumper	19	AC008-751	1	Mirror Left
7	1406-360	1	Grille, Bumper	20	AC008-752	1	Mirror Right
8	0423-419	2	Screw, Machine	21	AC008-753	1	Mirror Mounting Left
9	0423-101	14	Screw, Body	22	AC008-403	1	Mirror Adapter Right
10	8428-002	2	Nut, Lock	23	0430-053	1	Horn
11	1506-429	1	Brace, A-Arm		2406-321	1	Bracket Mount Horn
12	8409-025	2	Screw, Cap				

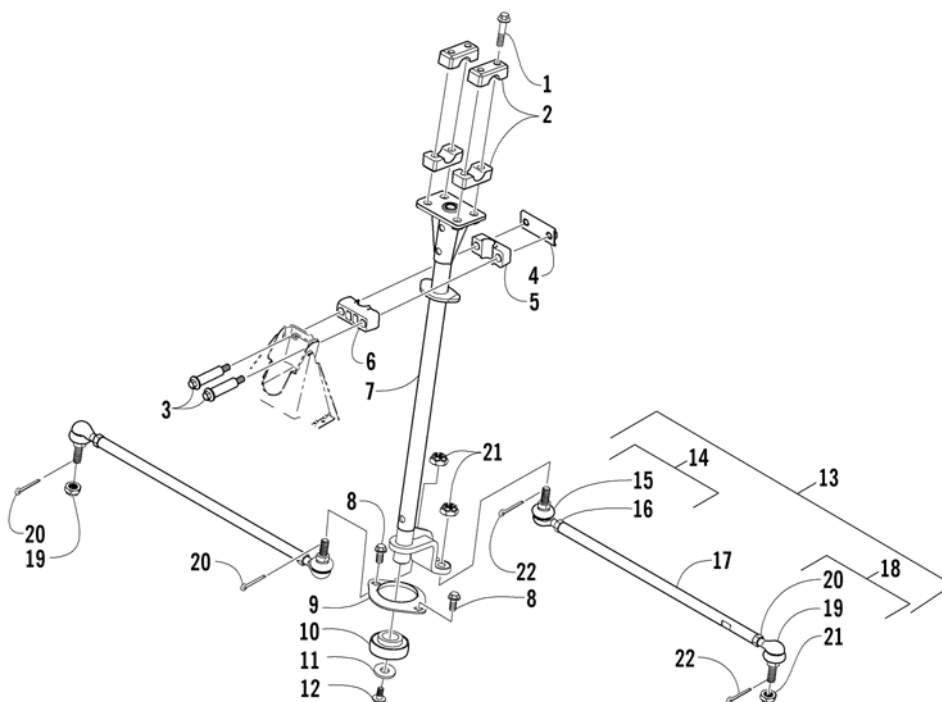


TAILLIGHT ASSEMBLY

0739-667

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)		AC003-093	1	Bulb 10 Watt
2	0509-025	1	ø Housing, Taillight	10	AC003-146	1	Indicator, Right
3	0409-056	1	ø Bulb, Taillight		AC003-093	1	Bulb 10 Watt
4	0409-057	1	ø Socket, Taillight	11	AC008-223	2	Bracket Indicator
5	0623-301	2	Screw, Self-Tapping	12	AC008-231	1	Bracket Number Plate
6	8053-212	2	Washer, Lock - External Tooth	13	AC008-425	2	Shake Proof Washer 5
7	AC003-079	1	Taillight New	14	AC008-426	2	Nut M5
	AC003-097	1	Bulb 21/5 Watt				
8	AC008-139	2	Reflector				
9	AC003-145	1	Indicator, Left				

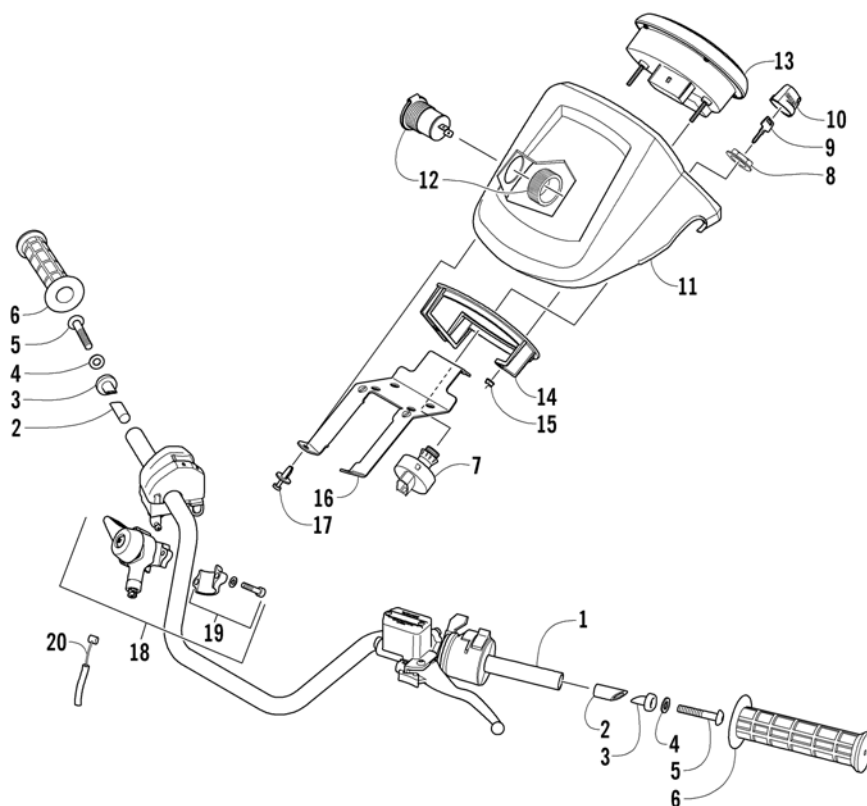
6



STEERING POST ASSEMBLY

0742-327R

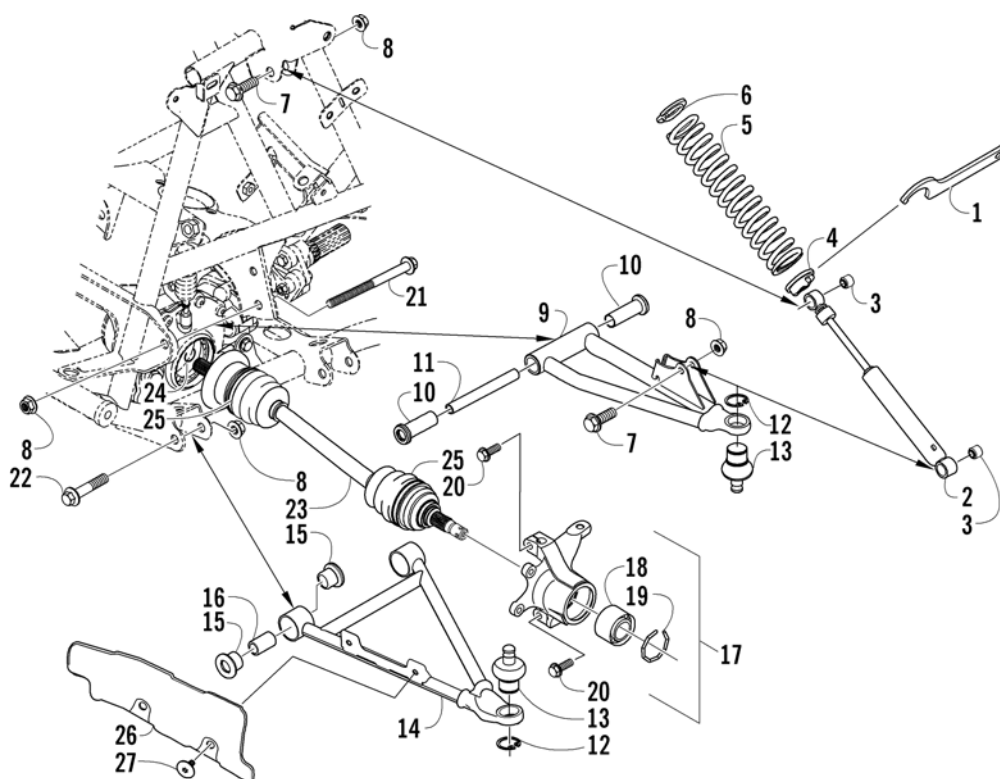
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	13	<u>0505-499</u>	2	Tie Rod - Assembly (inc. 14-20)
2	0405-035	4	Cap, Steering Adjuster	14	<u>0505-511</u>	2	ø End, Tie Rod - Left-Hand Thread - Kit (inc. 15-16 and two No. 21-22)
3	0423-505	2	Screw, Shoulder	15	*	2	ø ø End, Tie Rod - Left-Hand Thread
4	<u>0505-484</u>	1	Cap, Housing	16	0423-013	2	ø ø Nut - Left-Hand Thread
5	0405-138	1	Housing, Lower	17	<u>0405-281</u>	2	ø Tie Rod
6	0405-139	1	Housing, Upper	18	<u>0505-510</u>	2	ø End, Tie Rod - Left-Hand Thread - Kit (inc. 19-20 and two No. 21-22)
7	0505-451	1	Post, Steering	19	*	2	ø ø End, Tie Rod - Right-Hand Thread
8	8408-816	2	Screw, Cap	20	8420-002	2	ø ø Nut - Right-Hand Thread
9	0602-233	1	Flange, Bearing	21	0423-157	4	Nut, Lock
10	0405-052	1	Bearing w/Inverted Oil Seal	22	0623-175	4	Pin, Cotter
11	0423-073	1	Washer				
12	8409-020	1	Screw, Cap				



HANDLEBAR ASSEMBLY

0742-728

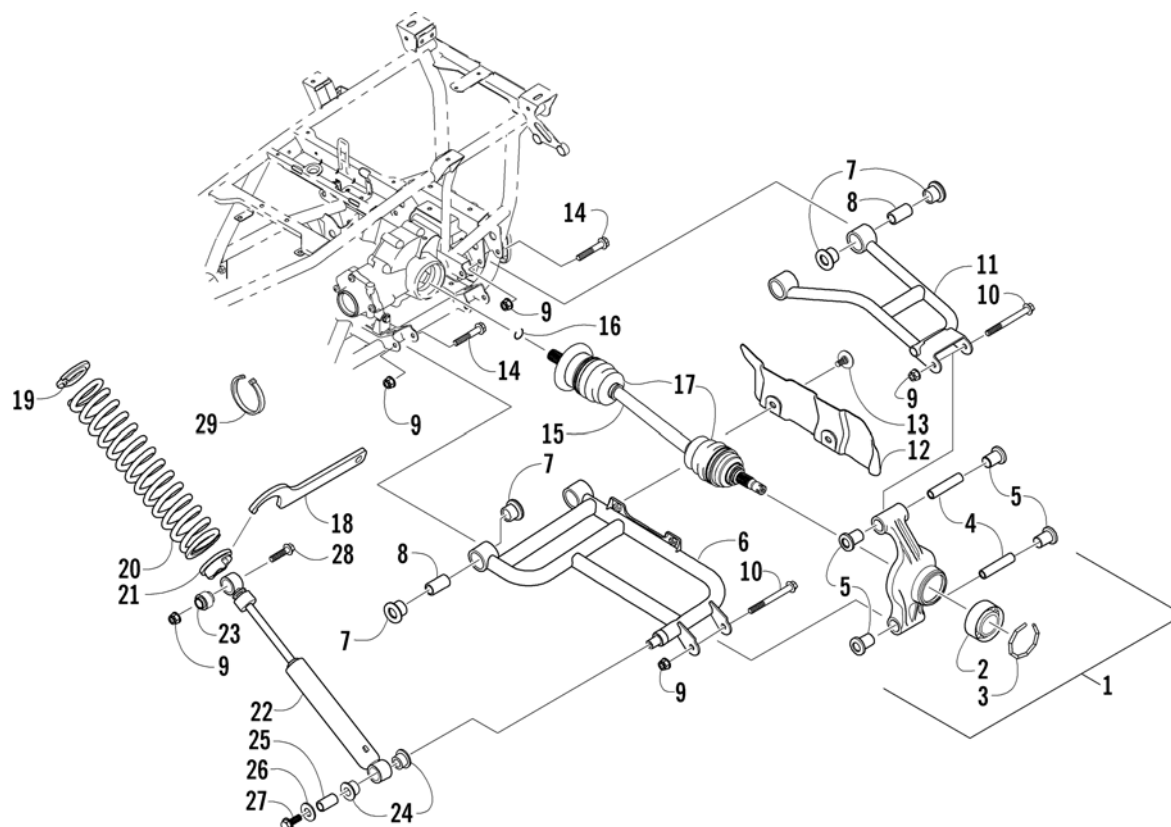
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-516	1	Tube, Handlebar	12	0641-897	1	Outlet, Accessory - 12V
2	0405-218	2	Plug, Handlebar	13	0520-027	1	Gauge, LCD
3	0405-149	2	End Cap, Handlebar	14	0420-065	1	Clamp, Plastic
4	8050-247	2	Washer	15	0423-493	2	Nut, Hex
5	8477-845	2	Screw, Machine	16	2506-470	1	Bracket, Mounting - Instrument Pod
6	0405-147	2	Grip, Handlebar	17	0423-535	2	Rivet, Reinstallable
7	0430-069	1	Switch, Ignition - Assembly (inc. 8-10)	18	0502-527	1	Control, Differential Lock (inc. 19)
8	0430-050	1	ø Nut, Flange - Ignition Switch	19	0502-613	1	ø Clamp, Differential Lock Control - Kit
9	0430-042	1	ø Key, Ignition (Y Series - Left-Side Cut)	20	0487-050	1	Cable, Differential Lock
	0430-043	1	ø Key, Ignition (Z Series - Right-Side Cut)				
10	0430-054	1	ø Cover, Key				
11	0405-273	1	Instrument Pod				
	0405-275	1	Instrument Pod (Cat Green)				
	0405-276	1	Instrument Pod (Black)				



FRONT SUSPENSION ASSEMBLY

0741-444

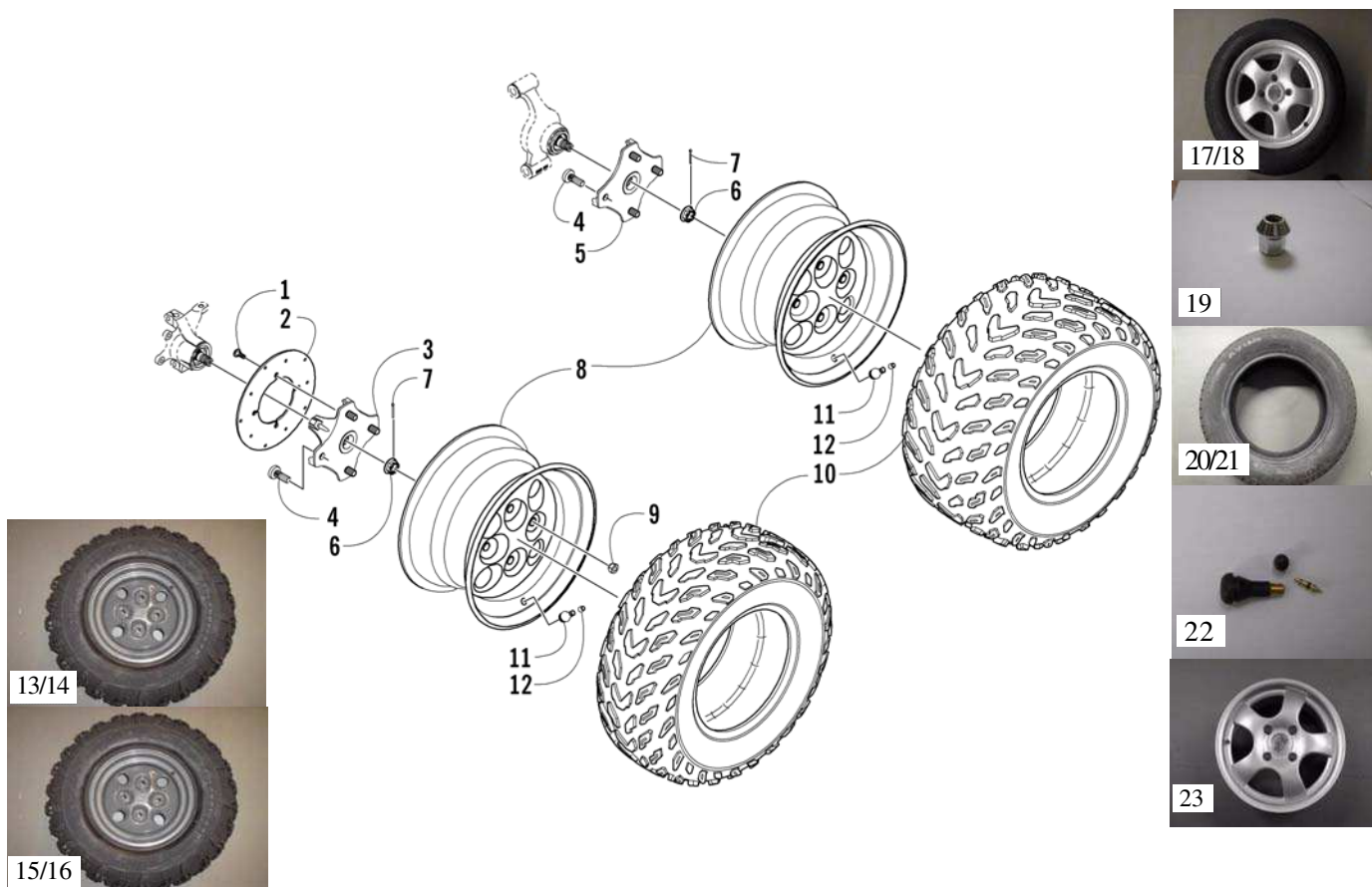
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0441-587	1	Wrench, Spanner	16	0403-114	4	ø Collar
2	0403-180	2	Shock Absorber - Front (inc. 3)	17	0505-460	1	Knuckle - Assembly - Right (inc. 18-19)
3	0403-182	4	ø Bushing, Double-Bonded		0505-461	1	Knuckle - Assembly - Left (inc. 18-19)
4	0403-102	2	Cam, Spring Adjuster	18	1402-027	2	ø Bearing, Wheel Hub
5	0403-178	2	Spring, Shock Absorber - Platinum	19	0423-423	2	ø Ring, Retaining
6	1603-889	2	Retainer, Spring	20	8409-030	4	Screw, Cap
7	8409-040	4	Screw, Cap	21	0423-334	2	Screw, Cap
8	8428-002	10	Nut, Lock	22	8409-075	4	Screw, Cap
9	0503-272	1	A-Arm, Upper Right - Platinum (inc. 10-13)	23	0502-812	1	Axle, Drive - Front - Right (inc. 24-25)
	0503-273	1	A-Arm, Upper Left - Platinum (inc. 10-13)		0502-813	1	Axle, Drive - Front - Left (inc. 24-25)
10	0403-081	4	ø Bushing	24	1441-109	2	ø Clip, Retaining
11	0403-080	2	ø Collar	25	0436-276	2	ø Repair Kit, Boot - Front Axle
12	0423-009	4	ø Clip, Ball Joint	26	0441-752	1	Guard, Boot - Axle - Right - Red
13	0405-115	4	ø Ball Joint - Front		0441-753	1	Guard, Boot - Axle - Left - Red
14	0503-342	1	A-Arm, Lower Right - Platinum (inc. 15-16 and two No. 12-13)		0441-756	1	Guard, Boot - Axle - Right - Cat Green (Cat Green)
	0503-343	1	A-Arm, Lower Left - Platinum (inc. 15-16 and two No. 12-13)		0441-757	1	Guard, Boot - Axle - Left - Cat Green (Cat Green)
15	0403-115	8	ø Bushing		1406-034	1	Guard, Boot - Right - Black (Black)
					1406-035	1	Guard, Boot - Left - Black (Black)
				27	0423-545	4	Screw, Body



REAR SUSPENSION ASSEMBLY

0741-439

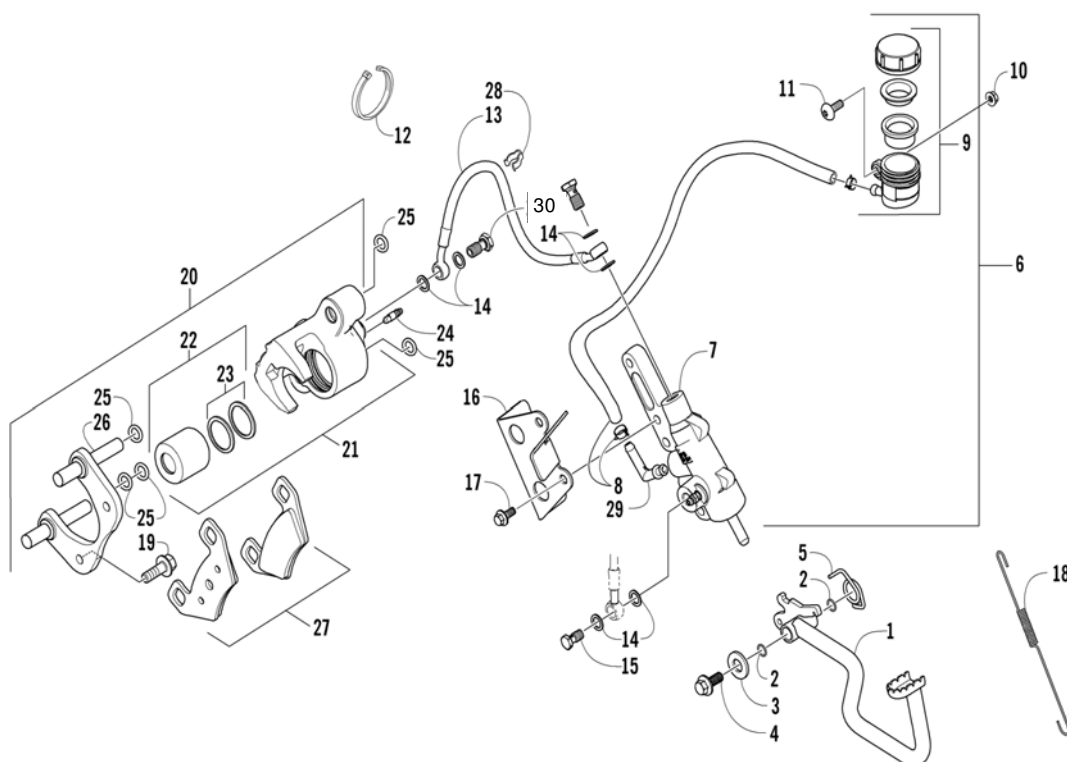
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-374	1	Knuckle, Right Rear - Assembly (inc. 2-5)	13	0423-545	4	Screw, Body
	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-5)	14	8409-075	8	Screw, Cap
2	1402-027	2	ø Bearing, Wheel Hub	15	0502-811	2	Axle, Drive (inc. 16-17)
3	0423-423	2	ø Ring, Retaining	16	0441-893	2	ø Clip, Retaining
4	0403-038	4	ø Collar, Suspension Bushing	17	0436-276	2	ø Repair Kit, Boot - Rear Axle
5	0403-032	8	ø Bushing, Suspension	18	0441-587	1	Wrench, Spanner
6	0504-440	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)	19	1603-889	2	Retainer, Spring
	0504-441	1	A-Arm, Rear - Lower Left - Platinum (inc. 7-8)	20	0404-113	2	Spring, Suspension - Platinum
7	0403-115	16	ø Bushing	21	0404-057	2	Cam, Spring Adjuster
8	0403-114	8	ø Collar	22	0404-150	2	Shock Absorber - Rear (inc. 23-25)
9	8428-002	14	Nut, Lock	23	0403-182	2	ø Bushing, Double-Bonded
10	8409-000	4	Screw, Cap	24	0603-955	4	ø Bushing, Shock Absorber
11	0504-476	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	25	1603-219	2	ø Sleeve, Shock Absorber
	0504-477	1	A-Arm, Rear - Upper Left - Platinum (inc. 7-8)	26	0423-087	2	Washer
12	0441-754	1	Guard, Boot - Right - Red	27	8408-820	2	Screw, Cap
	0441-755	1	Guard, Boot - Left - Red	28	8409-040	1	Screw, Cap - Right
	0441-758	1	Guard, Boot - Right - Cat Green (Cat Green)		8409-050	1	Screw, Cap - Left
	0441-759	1	Guard, Boot - Left - Cat Green (Cat Green)	29	0123-788	2	Cable Tie
	1406-068	1	Guard, Boot - Right - Black (Black)				
	1406-069	1	Guard, Boot - Left - Black (Black)				



WHEEL AND TIRE ASSEMBLY

0741-559

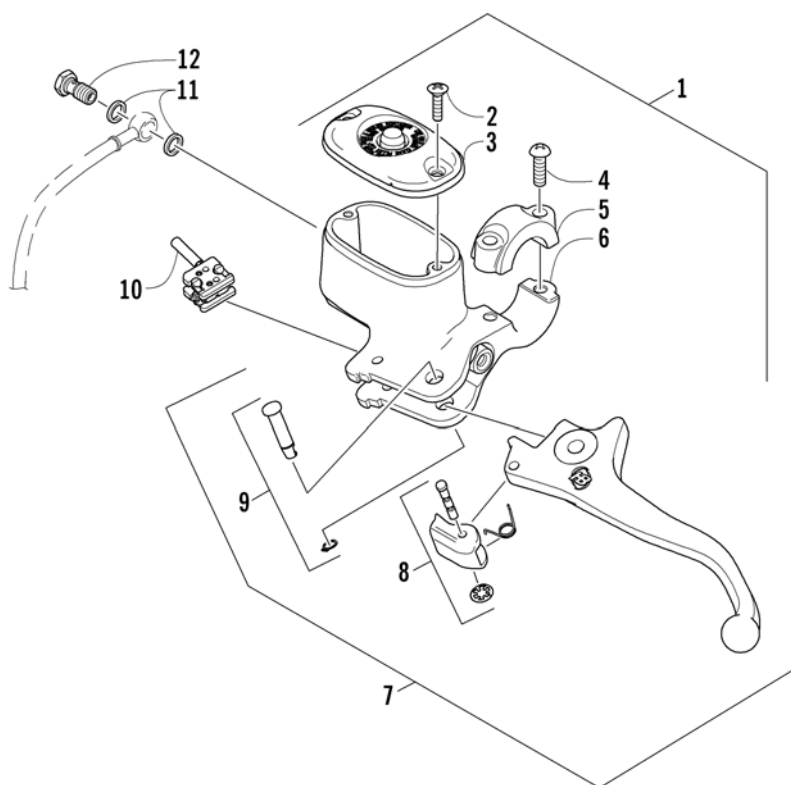
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	12	0402-140	4	ø Cap, Valve Stem
2	1402-225	3	Disc, Brake	13	0502-464	1	Wheel, Gray RH 25x8-12
3	0502-599	2	Hub, Wheel - Front (inc. 4)	14	0502-465	1	Wheel, Gray LH 25x8-12
4	0402-974	16	ø Stud, Wheel Hub	15	0502-505	1	Wheel, Gray RH 25x11-12
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)	16	0502-506	1	Wheel, Gray LH 25x11-12
	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 Flange	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
9	0423-408	16	Nut, Mounting - Wheel	22	AC007-209	1	Valve Wheel, Road Tire
10	1402-100	2	Tire - Front	23	AC007-221	1	Aluminium Rim Silver
	1402-137	2	Tire - Rear				
11	0402-064	4	Stem, Valve (inc. 12)				



AUXILIARY BRAKE ASSEMBLY

0742-599 *Not a Service Part

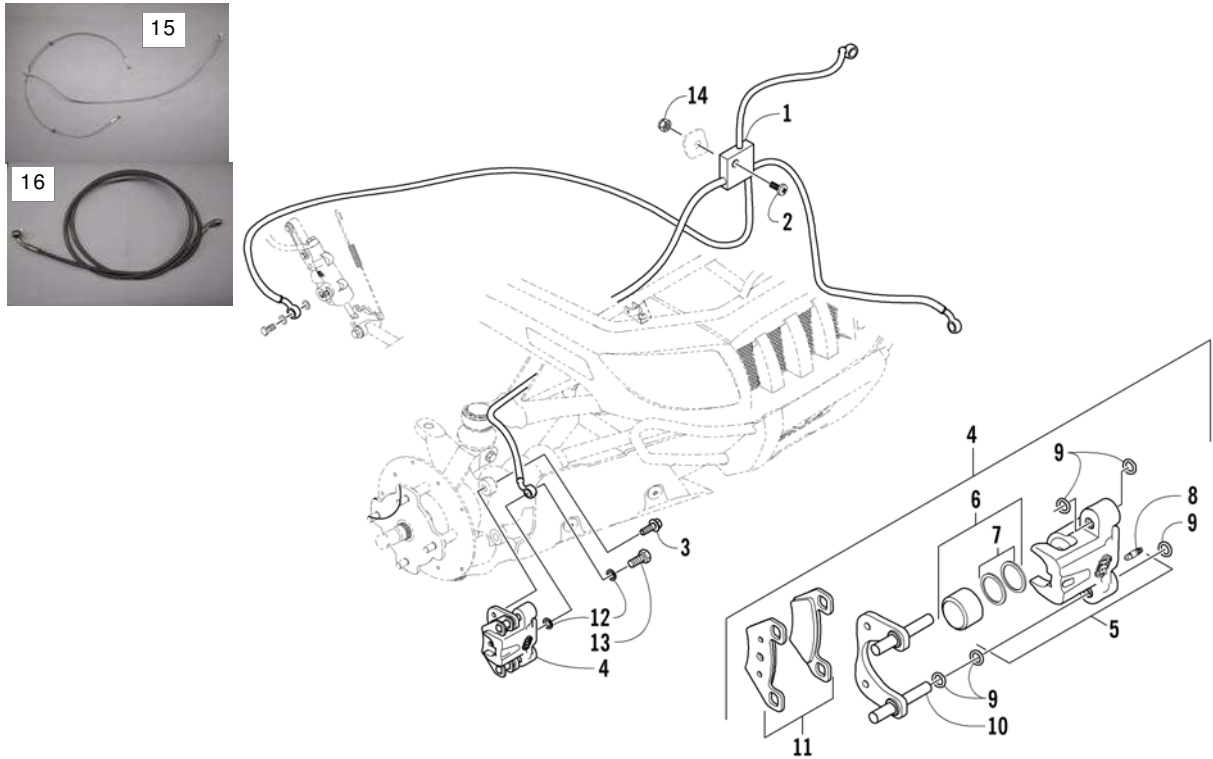
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-063	1	Lever, Brake	20	0502-878	1	Caliper, Brake (inc. 21-27)
2	1602-213	2	O-Ring	21	0502-603	1	ø Housing, Caliper - Assembly - Right Rear (inc. 22-24)
3	8050-252	1	Washer	22	0502-606	1	ø ø Piston/Seal Set (inc. 23)
4	8408-816	1	Screw, 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	1502-147	1	Rear Master Cylinder	25	0502-608	1	ø O-Ring, Guide - Set
7	*	1	ø Master Cylinder	26	0502-605	1	ø Bracket Assembly
8	*	4	ø Hose, Brake Fluid Reservoir w/Clamps	27	0502-875	1	ø Pad, Brake - Set
9	1502-155	4	ø Reservoir, Brake Fluid w/Clamp	28	1502-115	2	Clip, Brake Hose
10	0623-038	4	Nut, Flanged	29	1502-296	1	Adapter, Hose
11	8476-616	4	Screw, Machine	30	0423-610	1	Bolt, Double Banjo Fitting
12	0123-788	1	Cable Tie - 7.5 in.	31	0487-054	1	Cable, Park Brake-50
13	1402-593	1	HOSE, BRAKE-MC/CALIPER (50" WB)	32	1502-265	1	Lever-Cable-Park Brake-50"-Assy (inc. 31)
14	0423-178	6	Washer, Crush	33	1502-176	1	Caliper, Brake-Mechanical
15	0423-413	3	Bolt, Banjo-Fitting	34	AC002-005	2	Pad Brake-Mech Park
16	1502-179	1	Bracket, Switch	35	0402-379	1	Wire Form, Cable
17	8408-625	2	Screw, Cap	36	8408-825	2	Screw, Cap-HFH M8X1.25X25 CL8.8 Z&Y
18	0502-785	1	Spring, Brake Switch				
19	8408-821	2	Screw, Cap				



HYDRAULIC HAND BRAKE ASSEMBLY

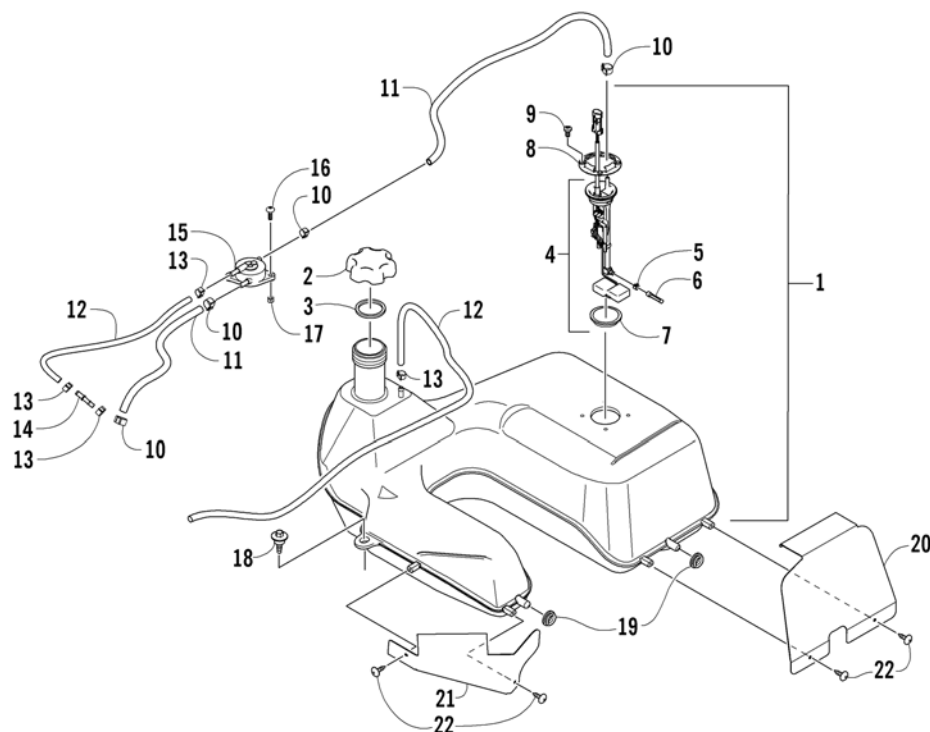
0741-458

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	8	0502-867	1	ø ø Lock, Brake Lever - Kit
3	0502-868	1	ø Cover, Reservoir	9	0502-580	1	ø ø Lever Pin - Kit
4	0502-568	1	ø Screw, Master Cylinder Clamp	10	0502-564	1	ø Switch, Brake
5	0502-869	1	ø Clamp, Master Cylinder	11	0423-178	2	Washer, Crush
6	0502-704	1	ø Master Cylinder Assembly	12	0423-413	1	Bolt, Banjo-Fitting



HYDRAULIC BRAKE ASSEMBLY

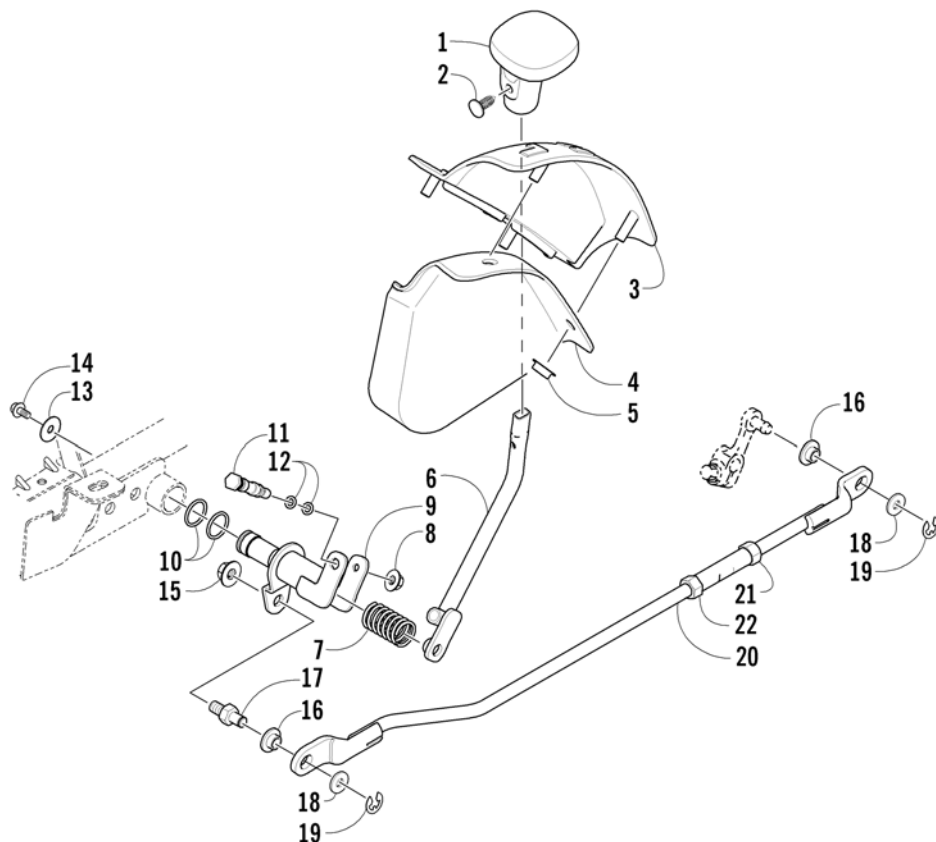
0742-383							
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-015	1	Hose, Brake Assembly	7	0502-607	2	ø ø ø Seal Set
2	8476-625	1	Screw, Cap	8	0502-609	2	ø ø Valve, Bleed
3	8408-821	4	Screw, Cap	9	0502-608	2	ø O-Ring, Guide - Set
4	0502-878	1	Caliper, Brake - Right Front (inc. 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	0623-038	1	Nut, Hex
				15	1502-148	1	Hose, Brake Assembly
				16	1402-592	1	Hose, Brake



GAS TANK ASSEMBLY

0742-330

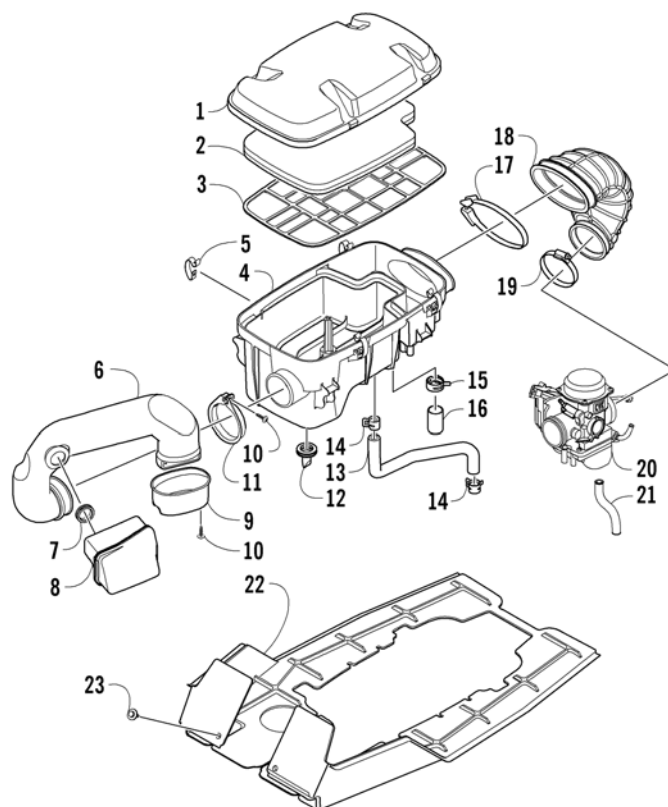
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-183	1	Tank, Gas - Assembly (inc. 2-9)	12	0410-070	AR	Hose, Gasline - 25 ft
2	0470-438	1	ø Cap, Gas Tank (inc. 3)	13	0423-689	4	Clamp, Hose
3	0109-733	1	ø ø Gasket, Gas Tank Cap	14	0470-702	1	Fitting, Straight
4	0570-141	1	ø Sensor, Fuel Level (inc. 5-7)	15	0470-758	1	Pump, Fuel
5	0423-603	1	ø ø Clamp, Hose	16	8476-620	2	Screw, Machine
6	0470-475	1	ø ø Filter, Fuel	17	0623-038	2	Nut, Lock
7	0470-521	1	ø ø Seal, Fuel Level Sensor	18	0423-732	2	Screw, Gas Tank
8	0470-639	1	ø Plate, Mounting - Fuel Level Sensor	19	0423-460	2	Grommet
9	1623-158	4	ø Screw, Plastite	20	0470-710	1	Shield, Gas Tank - Rear
10	0423-688	4	Clamp, Hose	21	0470-709	1	Shield, Gas Tank - Front
11	0410-143	AR	Hose, Gasline - 25 ft	22	0623-797	4	Screw, Self-Tapping



SHIFT LEVER ASSEMBLY

0742-508

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Shift	12	0423-182	2	O-Ring
2	0423-345	1	Clip, Push	13	0423-087	1	Washer
3	1402-576	1	Plate, Shift	14	8408-812	1	Screw, Cap
4	2406-345	1	Shield, Shift Plate	15	8424-802	1	Nut, Hex
5	0423-357	4	Nut, Stamped	16	0423-091	2	Bushing, Shift Linkage
6	0502-659	1	Lever, Shift	17	<u>1402-621</u>	1	Pin, Mounting - Shift Linkage
7	0402-678	1	Spring, Shift Lever	18	0623-094	2	Washer
8	8424-602	1	Nut	19	0423-169	2	E-Ring
9	0502-742	1	Axle, Shift Lever	20	<u>1502-200</u>	1	Linkage, Shift - Assembly (inc. 21-22)
10	0423-299	2	O-Ring	21	0623-294	1	ø Nut, Hex - Right-Hand Thread
11	0402-675	1	Axle, Pivot	22	0123-917	1	ø Nut, Hex - Left-Hand Thread



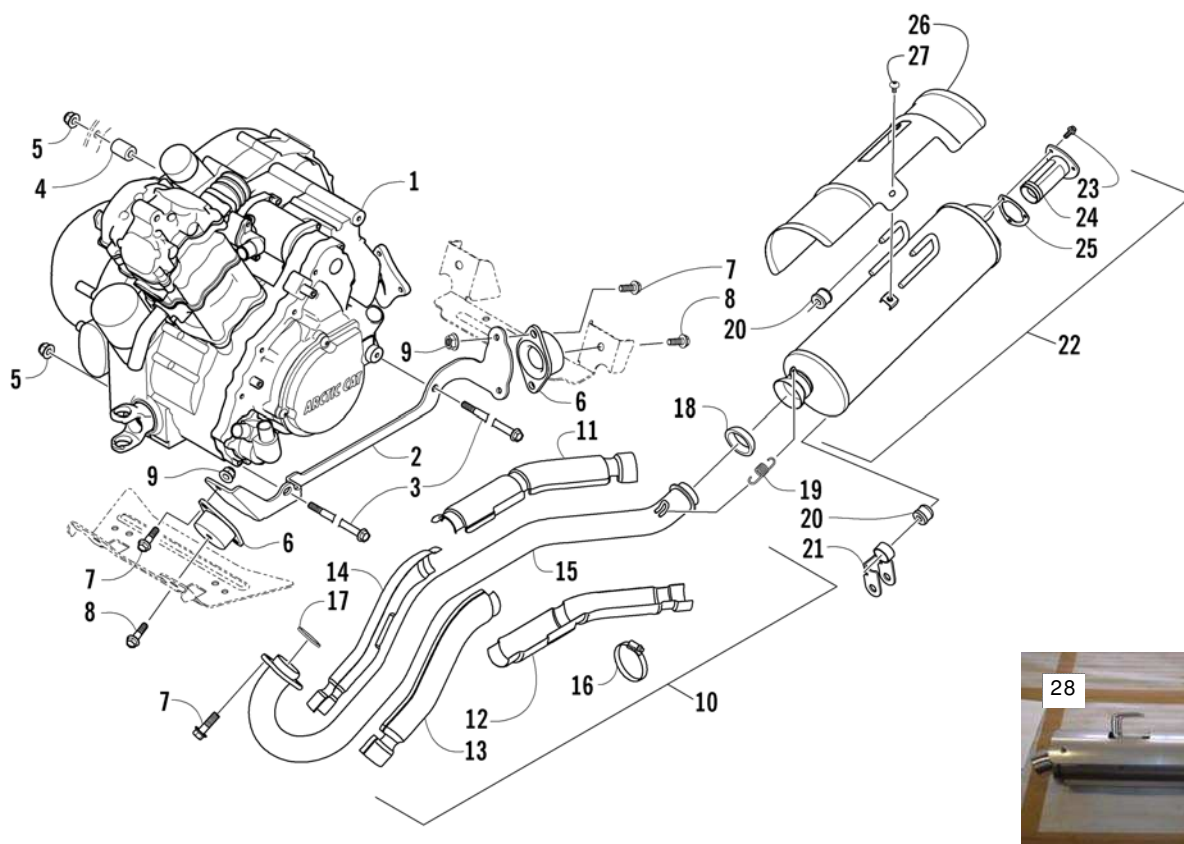
AIR INTAKE ASSEMBLY

0742-603

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0470-755</u>	1	Cover, Air Intake	13	0410-079	1	Hose, Vent - Crankcase
2	0470-558	1	Filter, Air	14	0423-045	2	Clamp, Hose
3	0470-560	1	Screen, Air Filter	15	1623-287	1	Clamp, Hose
4	<u>0470-675</u>	1	Housing, Air Intake	16	<u>0423-766</u>	1	Cap, Drain
5	0423-455	4	Clip, Spring	17	0423-554	1	Clamp, Boot
6	<u>0470-749</u>	1	Duct, Engine - Air Intake	18	0470-525	1	Boot, Carburetor
7	<u>0423-763</u>	1	Grommet, Air Intake	19	0423-019	1	Clamp, Boot
8	<u>0570-215</u>	1	Resonator	20	<u>0470-741</u>	1	Carburetor, CVK36-AE
9	<u>0470-729</u>	1	Cup, Air Intake	21	0510-592	1	Hose, Carburetor Drain
10	0423-342	3	Screw, Self-Tapping	22	<u>2406-604</u>	1	Panel, Shield
11	0423-551	3	Clamp	23	0623-362	2	Rivet, Reinstallable
12	0470-442	2	Valve, Drain				



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5990-839	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	7	0645-263	1	ø Hose, Battery Vent
2	2406-511	1	ø Cover, Battery	8	0645-151	1	ø Label, Warning - Battery
3	0406-288	2	ø Pad, Battery	9	0123-903	4	Cable Tie - 11.5 in.
*	0444-122	1	ø Kit, Tool	10	8476-616	2	Screw, Machine
4	0745-045	1	Battery Assembly (inc. 5-8)	11	0623-101	1	Routing Clip, Snap-In
5	0645-045	6	ø Cap, Battery	12	AC003-005	1	Battery 400er
6	0645-152	1	ø Clamp, Hose				

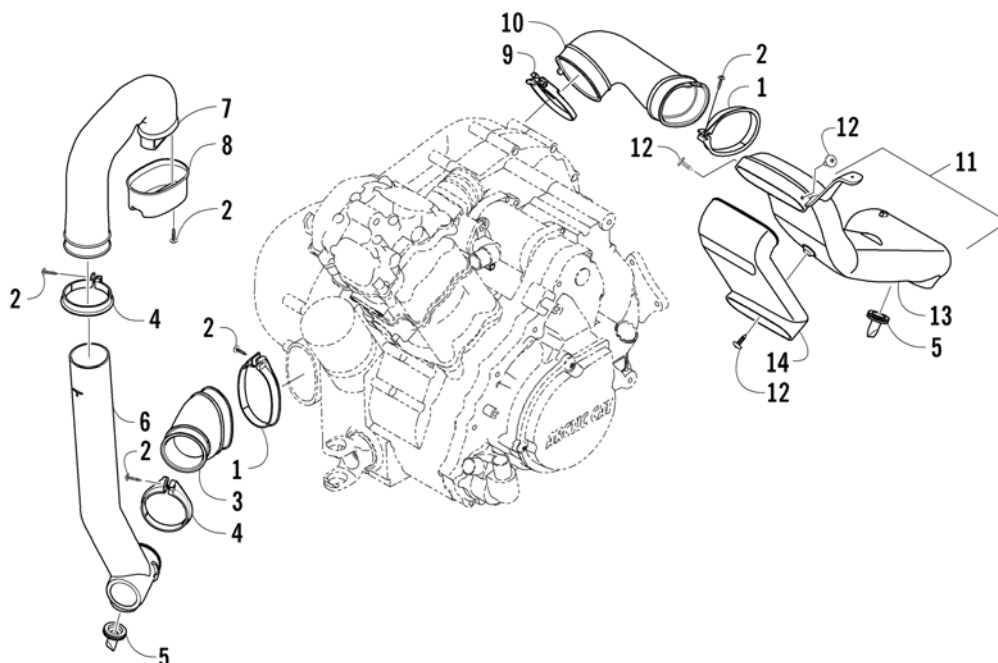


ENGINE AND EXHAUST

0741-579

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0800-035	1	Engine, A65GH1	15	0512-344	1	ø Pipe, Exhaust
2	1506-740	1	Bracket, Engine - Right	16	0423-317	3	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	0512-345	1	Pipe, Exhaust - Assembly (inc. 11-16)	25	0412-313	4	ø Gasket, Spark Arrestor
11	0412-350	1	ø Shield, Exhaust Pipe - Outer - Rear	26	0412-373	4	Cover, Muffler
12	0412-339	1	ø Shield, Exhaust Pipe - Inner - 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				

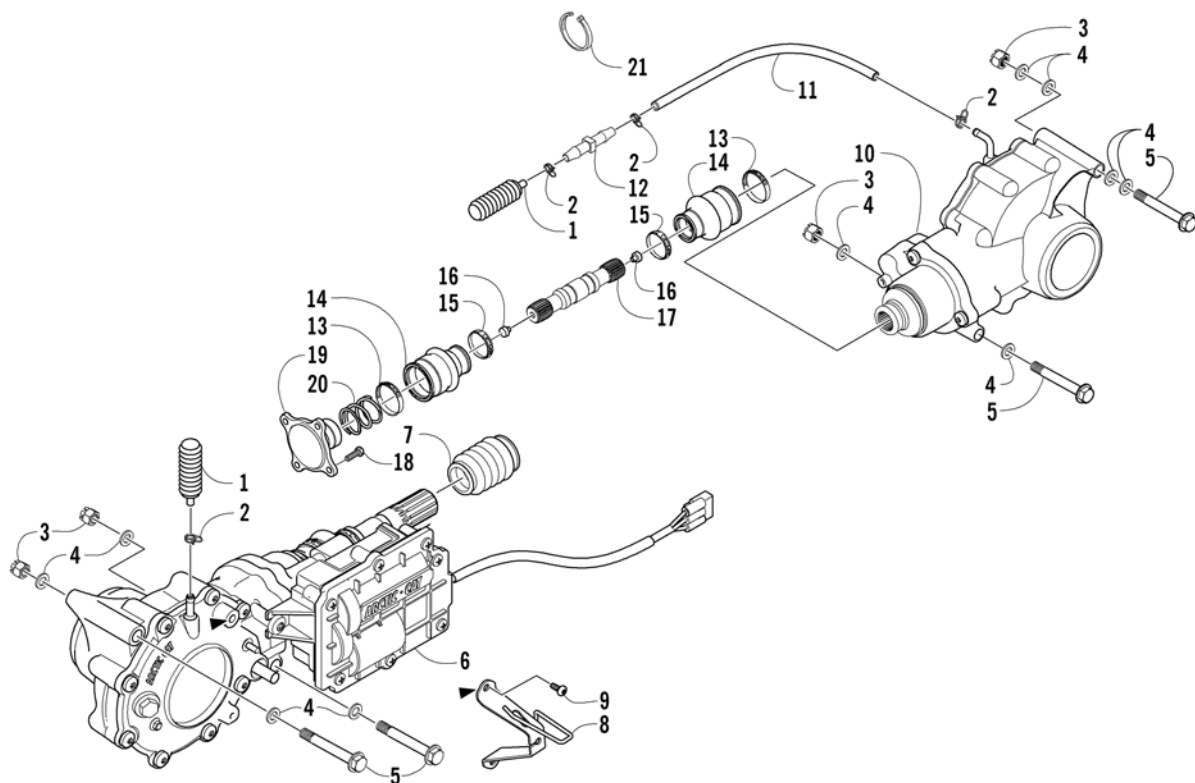
20



CASE/BELT COOLING ASSEMBLY

0742-513

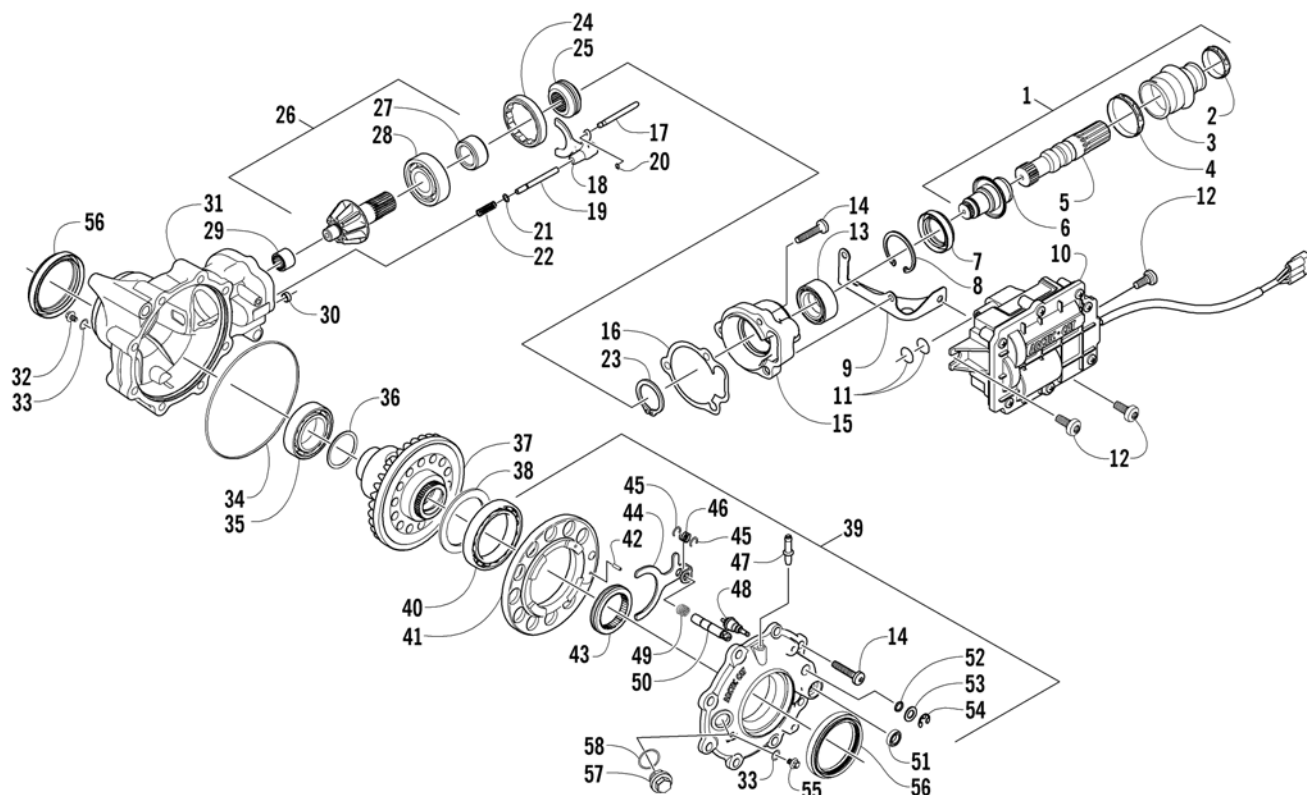
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-550	2	Clamp, Plastic	9	0423-730	1	Clamp, Boot
2	0423-342	6	Screw, Self-Tapping	10	<u>0413-187</u>	1	Boot, Duct - Air Out - Rear
3	<u>0413-198</u>	1	Boot, Duct - Air Intake - Front	11	<u>0470-766</u>	1	Duct, Air Out - Rear
4	0423-551	2	Clamp, Boot				(inc. three No. 12 and 13-14)
5	0470-442	2	Valve, Drain	12	0623-784	4	ø Screw, Self-Tapping
6	0513-010	1	Duct, Air Intake - Front - Lower	13	<u>0470-777</u>	1	ø Duct
7	<u>0470-750</u>	1	Duct, Air Intake - Front - Upper	14	<u>0470-778</u>	1	ø Duct
8	<u>0470-729</u>	1	Cup, Air Intake				



DRIVE TRAIN ASSEMBLY

0742-520

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-147	2	Bladder, Gearcase	12	0470-462	1	Fitting, Vent
2	0423-315	4	Clamp, Fitting	13	0423-393	2	Clamp, Boot
3	8428-002	4	Nut, Lock	14	0402-985	2	Boot
4	0423-426	10	Washer	15	0423-411	2	Clamp, Boot
5	0423-404	4	Screw, Cap	16	0673-618	2	Bumper, Propeller Shaft
6	<u>1502-248</u>	1	Gearcase, Front	17	1402-233	1	Shaft, Propeller
7	0402-966	1	Boot, Shaft	18	8408-820	4	Screw, Cap
8	0502-500	1	Plate, Cable	19	0402-950	1	Flange, Output
9	0423-396	2	Screw, Self-Tapping	20	1402-026	1	Spring
10	1502-079	1	Gearcase, Rear	21	0123-788	AR	Cable Tie
11	0410-048	AR	Hose, Vent				

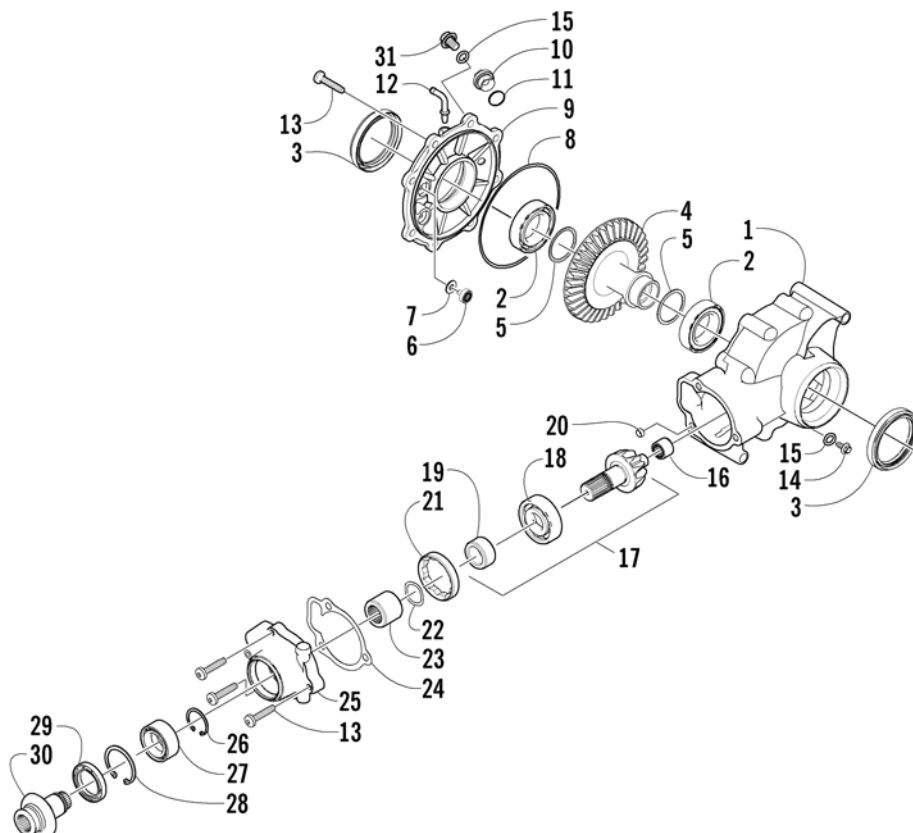


FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-248)

0742-344

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-083	1	Shaft, Propeller - Assembly (inc. 2-6)	35	0402-393	1	Bearing
2	0423-411	1	ø Clamp, Boot	36	0402-405	AR	Shim
3	0402-985	1	ø Boot, Propeller Shaft		0402-406	AR	Shim
4	0423-393	1	ø Clamp, Boot		0402-407	AR	Shim
5	1402-045	1	ø Shaft, Output		0402-408	AR	Shim
6	1502-085	1	ø Shaft, Input		0402-409	AR	Shim
7	1402-011	1	Seal	37	1502-234	1	Gear, Ring - 36T
8	0423-423	1	Ring, Retaining	38	1402-074	AR	Shim
9	0502-347	1	Bracket, Actuator		1402-075	AR	Shim
10	0502-579	1	Actuator (inc. one No. 11)		1402-076	AR	Shim
11	0423-498	2	ø O-Ring		1402-077	AR	Shim
12	0423-396	3	Screw, Self-Tapping		1402-078	AR	Shim
13	1402-043	1	Bearing	39	1502-097	1	Cover, Gearcase (inc. one No. 33, 40-55, and one No. 56)
14	0423-118	11	Screw, Self-Tapping	40	1402-053	1	ø Bearing
15	0502-528	1	Housing, Pinion	41	0502-413	1	ø Flange, Bearing
16	0402-947	1	Gasket, Flange	42	1402-079	1	ø Pin, Parallel
17	0402-997	1	Shaft, Selector	43	1402-042	1	ø Collar, Sliding
18	0402-998	1	Fork, Selector	44	1402-054	1	ø Fork
19	0402-417	1	Shaft, Shuttle	45	1402-058	2	ø Ring, Retaining
20	0423-402	1	Ring, Retaining	46	1402-057	1	ø Spring
21	0423-147	1	O-Ring	47	1402-104	1	ø Fitting
22	0402-999	1	Spring, Return	48	0402-419	1	ø Switch, Indicator
23	0423-417	1	Ring, Retaining	49	1402-063	1	ø Spring
24	0402-357	1	Collar, Lock	50	1402-055	1	ø Shaft, Lock
25	0402-413	1	Coupler, Drive	51	1402-056	1	ø Seal
26	0502-783	1	Gear, Pinion - Assembly - 10T (inc. 27-28)	52	0423-133	1	ø O-Ring
27	0402-336	1	ø Collar, Retaining	53	0423-132	1	ø Washer
28	0402-327	1	ø Bearing	54	0423-424	1	ø Ring, Retaining
29	0402-328	1	Bearing	55	1402-211	1	ø Plug, Oil Level (inc. one No. 33)
30	0402-411	1	Pin, Dowel	56	1402-441	2	ø Seal
31	0502-514	1	Housing, Gearcase	57	0402-333	1	Plug, Fill (inc. 58)
32	1402-210	1	Plug, Magnetic (inc. one No. 33)	58	0423-154	1	ø O-Ring
33	0423-153	2	ø O-Ring				
34	0423-149	1	O-Ring				

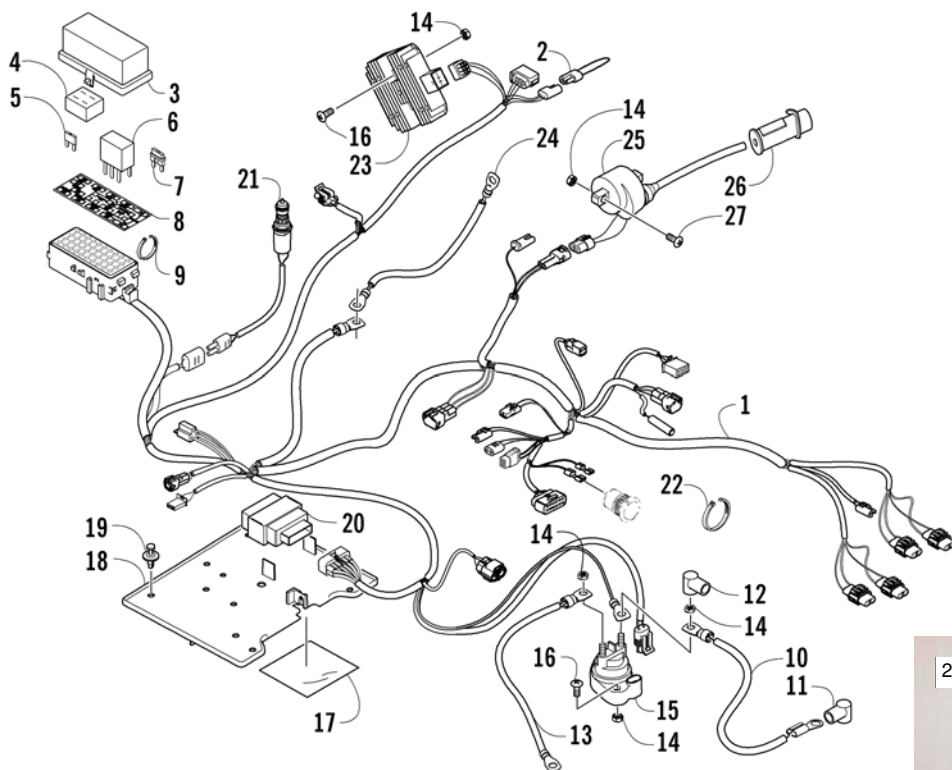


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-079)

0741-524

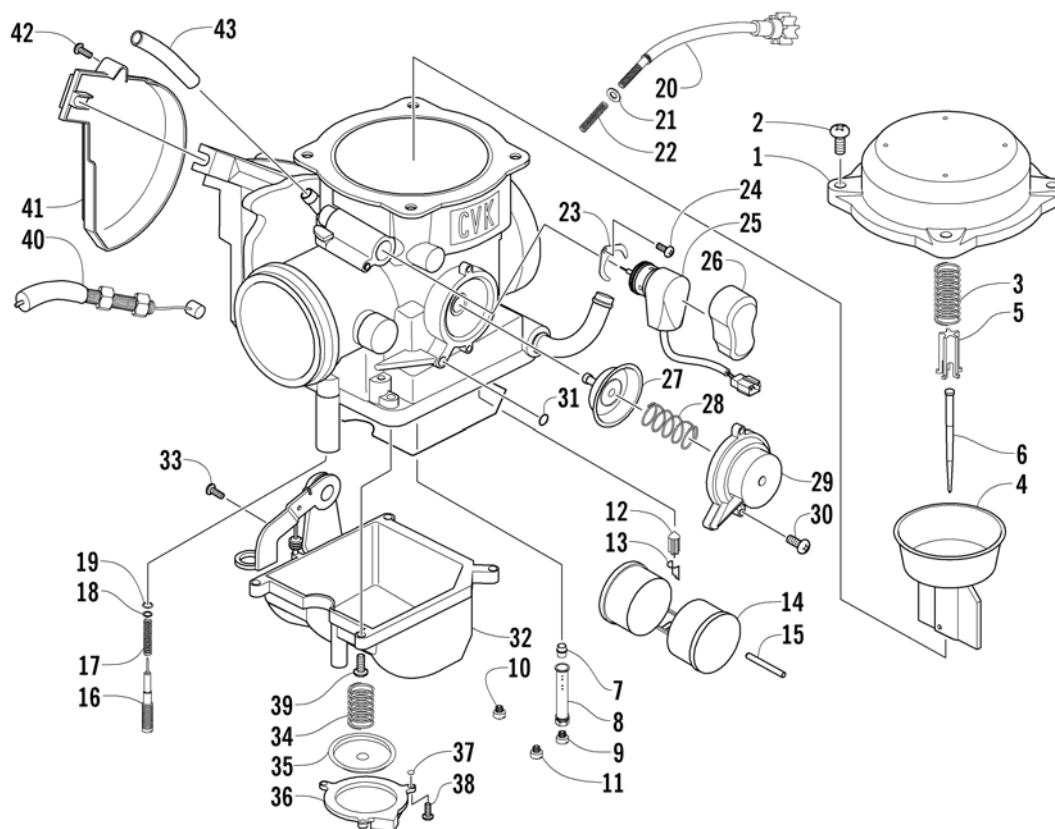
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-622	1	Housing, Gearcase	13	0423-118	11	Screw, Self-Tapping
2	0402-393	2	Bearing	14	0402-450	1	Plug, Magnetic (inc. one No. 15)
3	1402-441	2	Seal	15	0423-153	2	ø O-Ring
4	1402-032	1	Gear, Ring - 36T	16	0402-328	1	Bearing
5	0402-405	AR	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	1502-082	1	Cover, Gearcase	29	1402-011	1	Seal
10	0402-333	1	Plug, Fill (inc. 11)	30	1502-085	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

0742-354

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-268	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	2	ø Relay - 20 Amp	20	0824-038	1	CDI Unit
7	0430-032	4	ø Fuse - 10 Amp	21	0409-089	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	1411-672	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				

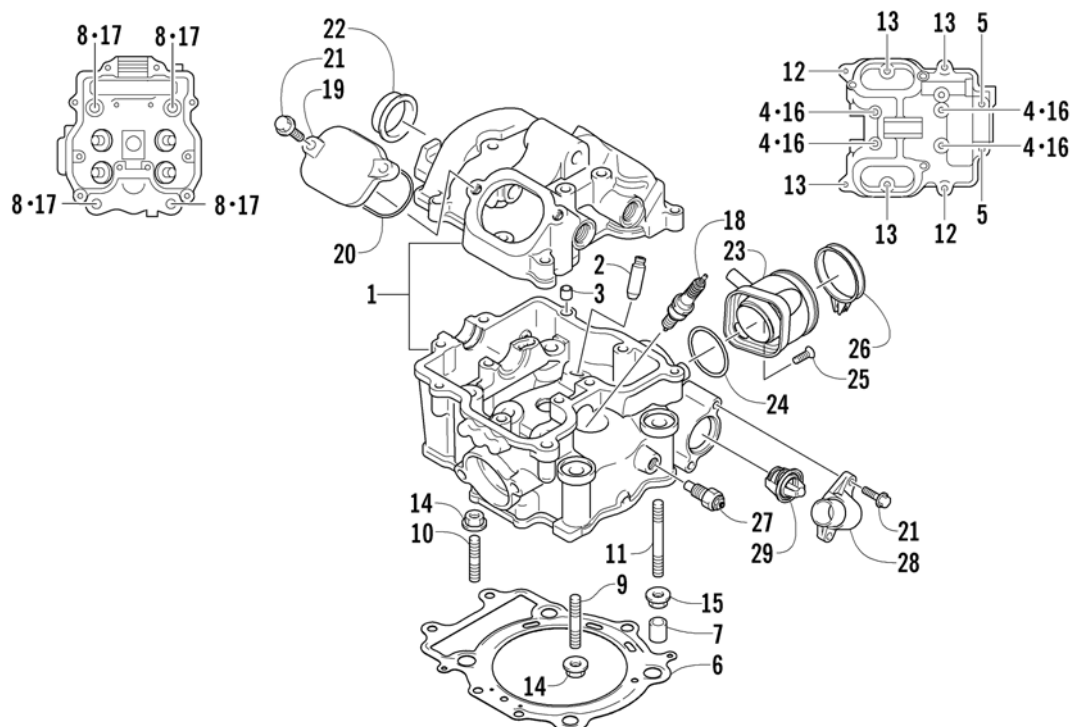


CARBURETOR

CVK40-CE (Complete Assembly p/n 0470-705)

0740-600 *Not a Service Part **Optional

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-186	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

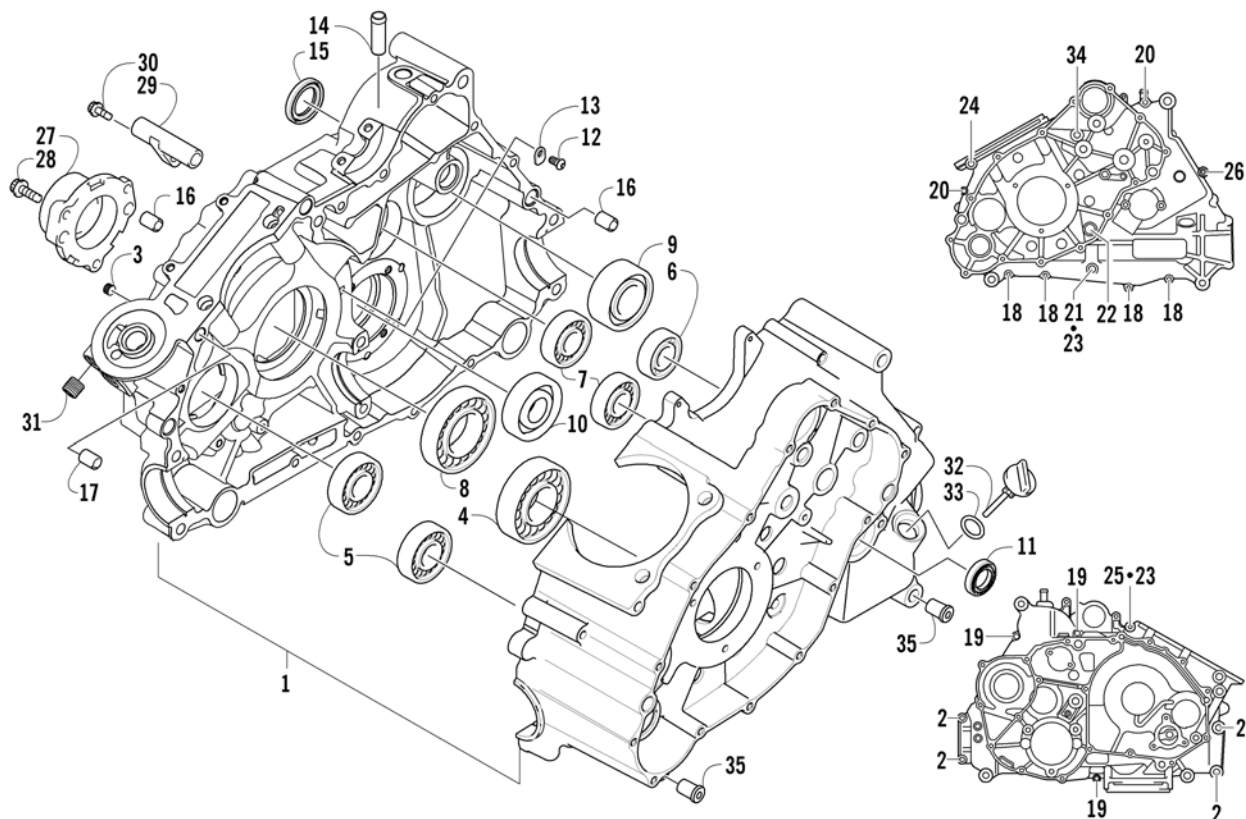


CYLINDER HEAD ASSEMBLY

0742-522

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	0830-167	2	O-Ring
6	0830-085	1	Gasket, Cylinder Head	21	0826-007	4	Screw, Cap
7	0829-002	2	Pin, Dowel	22	0808-077	1	Plug, Cylinder Head
8	0808-037	4	Screw, Cap	23	0570-115	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	0423-317	1	Clamp, Intercooler
12	0826-005	2	Screw, Cap	27	0808-127	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				

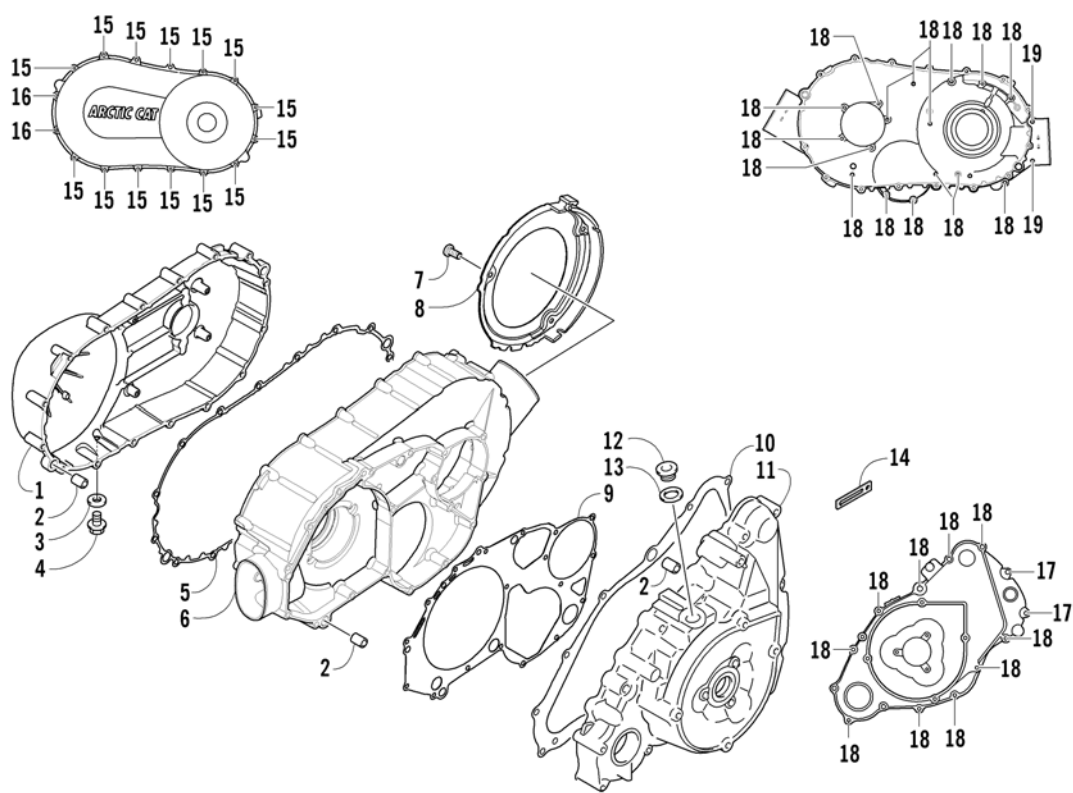
28



CRANKCASE ASSEMBLY

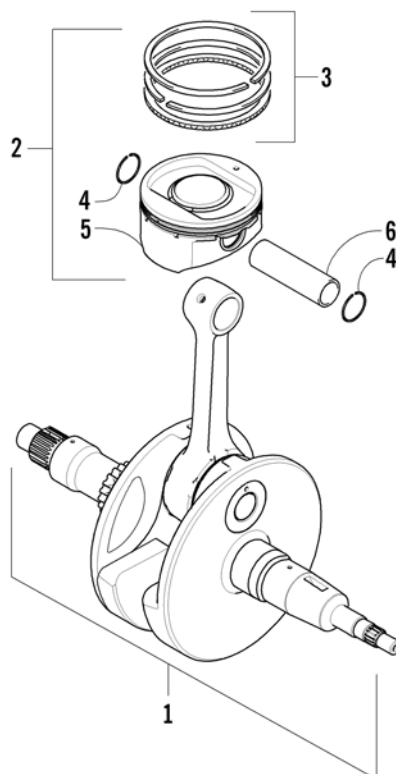
0742-523

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0801-096	1	Crankcase Assembly (inc. 2-15)	19	8468-655	3	Screw, Machine
2	8412-850	4	Ø Screw, Cap	20	8468-675	2	Screw, Machine
3	0801-002	1	Ø Plug	21	8412-860	1	Screw, Cap
4	0832-043	1	Ø Bearing	22	0826-017	1	Screw, Cap
5	0832-044	2	Ø Bearing	23	0830-008	2	Gasket
6	0832-049	1	Ø Bearing	24	0826-019	1	Screw, Cap
7	0832-050	2	Ø Bearing	25	0826-018	1	Screw, Cap
8	0832-042	1	Ø Bearing	26	8468-695	1	Screw, Machine
9	0832-048	1	Ø Bearing - Driveshaft	27	0801-006	1	Housing, Secondary Shaft Bearing
10	0832-015	1	Ø Bearing	28	0826-105	3	Bolt
11	0822-052	1	Ø Seal, Countershaft	29	0801-069	1	Pipe, Breather
12	0826-100	4	Ø Screw, Cap	30	0826-038	1	Bolt, Breather Pipe
13	0822-010	4	Ø Retainer, Bearing	31	0812-064	2	Plug
14	0801-028	1	Ø Pipe, Breather	32	0801-073	1	Stick, Oil Level
15	0830-035	1	Ø Seal, Driveshaft	33	0830-010	1	O-Ring, Oil Level Stick
16	0829-002	5	Pin, Dowel	34	8468-680	1	Screw, Machine
17	0829-003	1	Pin, Dowel	35	0801-108	4	Bushing, Engine Mounting
18	8468-645	4	Screw, Machine				



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0742-528							
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0806-088	1	Cover, V-Belt	11	0806-082	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	0830-174	1	Gasket, V-Belt Cover	15	8468-645	14	Screw, Machine
6	0806-086	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				

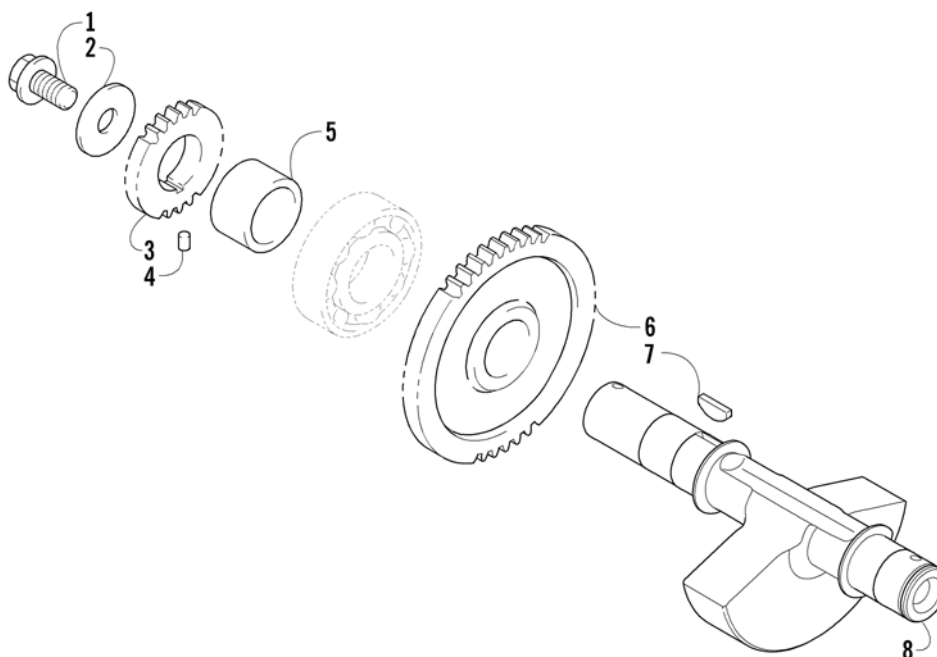


CRANKSHAFT ASSEMBLY

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

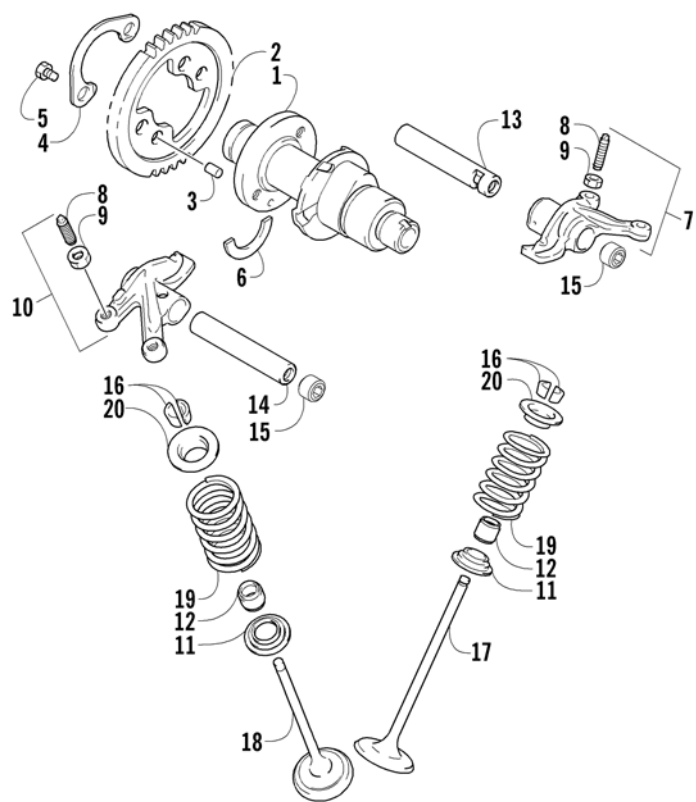
32



CRANK BALANCER ASSEMBLY

0739-941

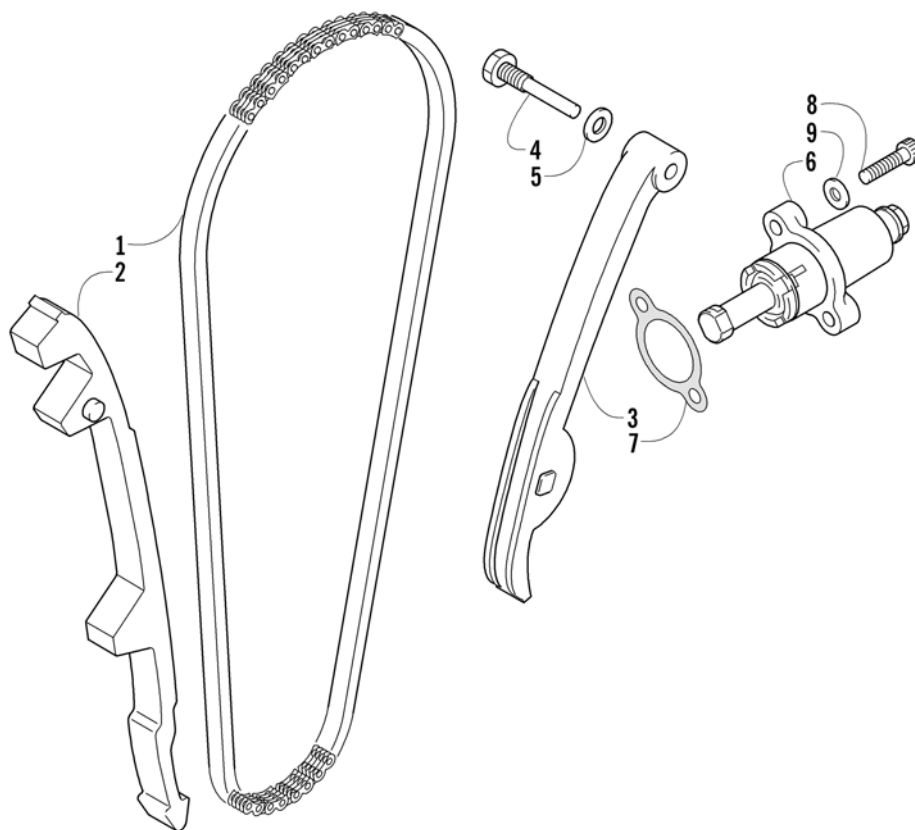
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0826-033	1	Screw, Cap	5	0811-004	1	Spacer
2	0828-003	1	Washer	6	0811-002	1	Gear, Driven
3	0811-003	1	Gear, Oil Pump Drive	7	0829-006	1	Key
4	0829-007	1	Pin, Dowel - Solid	8	0811-017	1	Balancer, Crank



CAMSHAFT/VALVE ASSEMBLY

0739-942

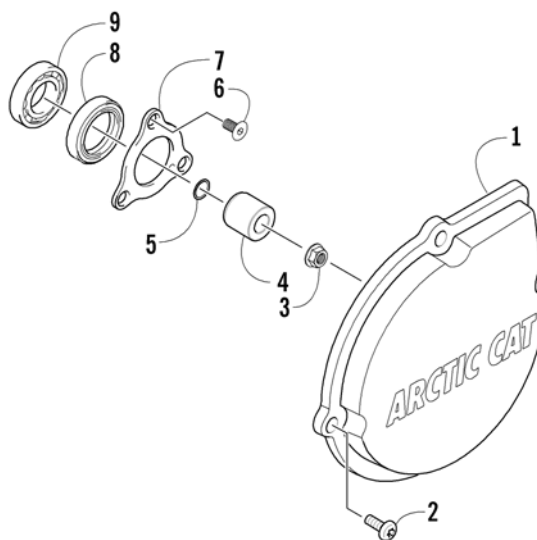
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0809-200	1	Camshaft	11	0809-006	4	Seat, Spring - Valve
2	0809-002	1	Sprocket	12	0830-016	4	Seal, Oil
3	0829-008	1	Pin	13	0809-007	1	Shaft, Rocker Arm - Intake
4	0828-004	1	Washer	14	0809-008	1	Shaft, Rocker Arm - Exhaust
5	0826-034	2	Bolt	15	0831-066	2	Plug, Shaft
6	0809-003	1	C-Ring	16	0809-014	8	Keeper, Valve
7	0809-202	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	0809-205	1	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)	20	0809-013	4	Retainer, Spring



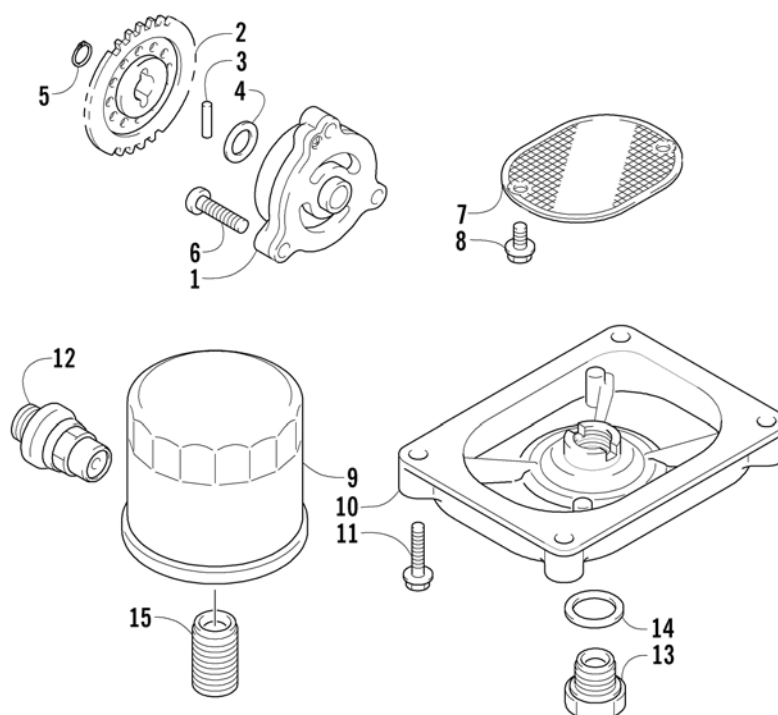
CAM CHAIN ASSEMBLY

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				



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0820-062	1	Cover, Magneto - Outer	6	0826-031	3	Screw
2	0826-008	4	Screw, Machine	7	0805-008	1	Retainer, Oil Seal
3	0827-008	1	Nut	8	0830-158	1	Seal, Oil
4	0820-061	1	Bushing	9	0832-045	1	Bearing
5	0830-108	1	O-Ring				

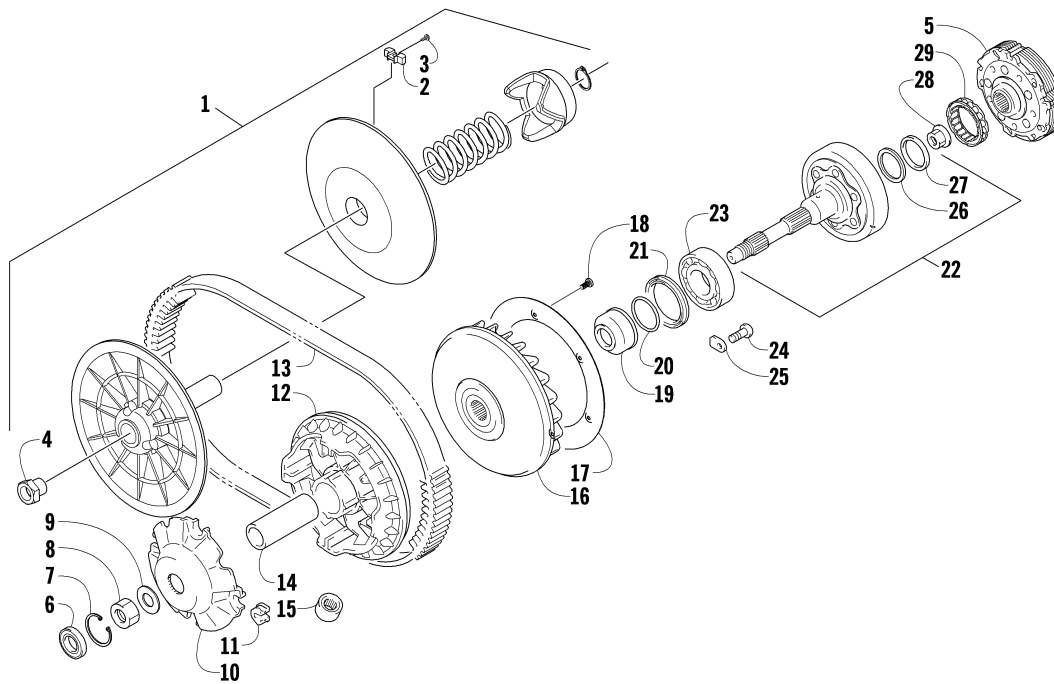


OIL FILTER/PUMP ASSEMBLY

0742-713

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0812-023	1	Pump, Oil	9	0812-029	1	Filter, Oil
2	0812-002	1	Gear, Driven	10	0812-053	1	Cap, Oil Strainer
3	0829-009	1	Pin	11	8468-625	4	Screw, Machine
4	0828-007	1	Shim	12	0812-007	1	Valve, Oil-Relief - Assembly
5	0831-002	1	Circlip	13	0812-006	1	Plug, Drain
6	0826-039	3	Screw, Cap	14	0830-017	1	Gasket, Drain Plug
7	0812-057	1	Strainer, Oil	15	0812-008	1	Union, Oil Filter
8	0826-040	2	Screw, Machine				

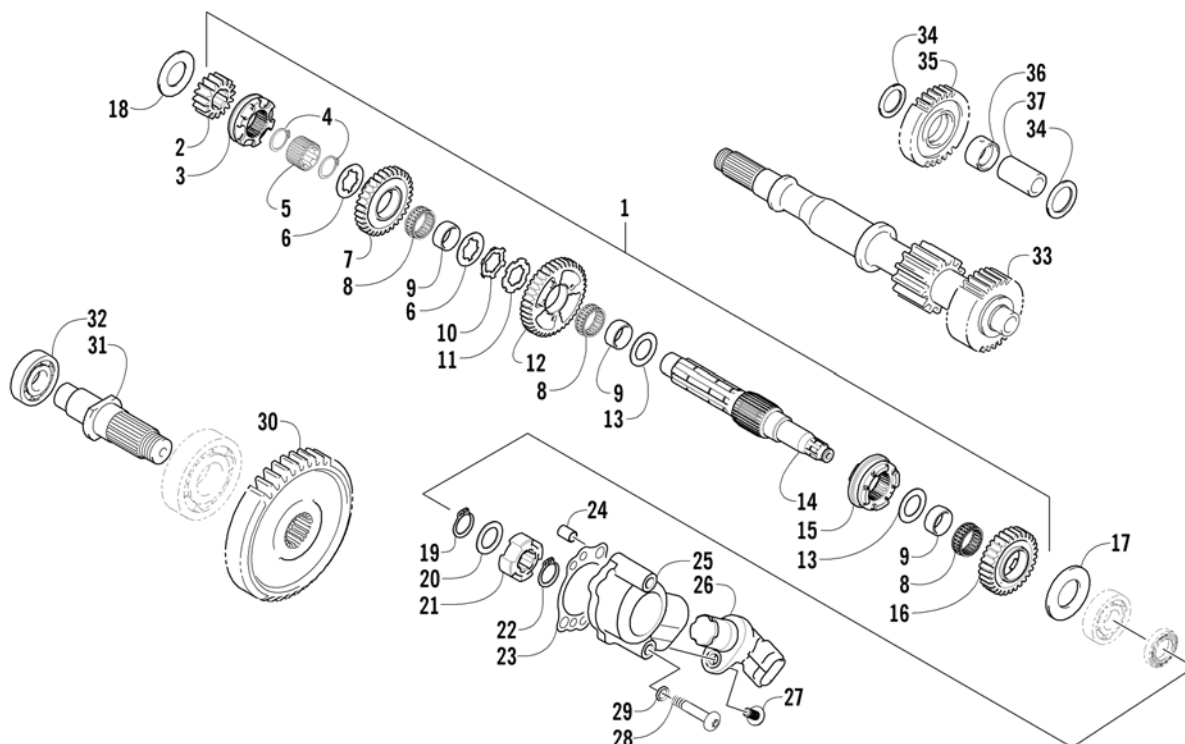
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TRANSMISSION ASSEMBLY

0742-517

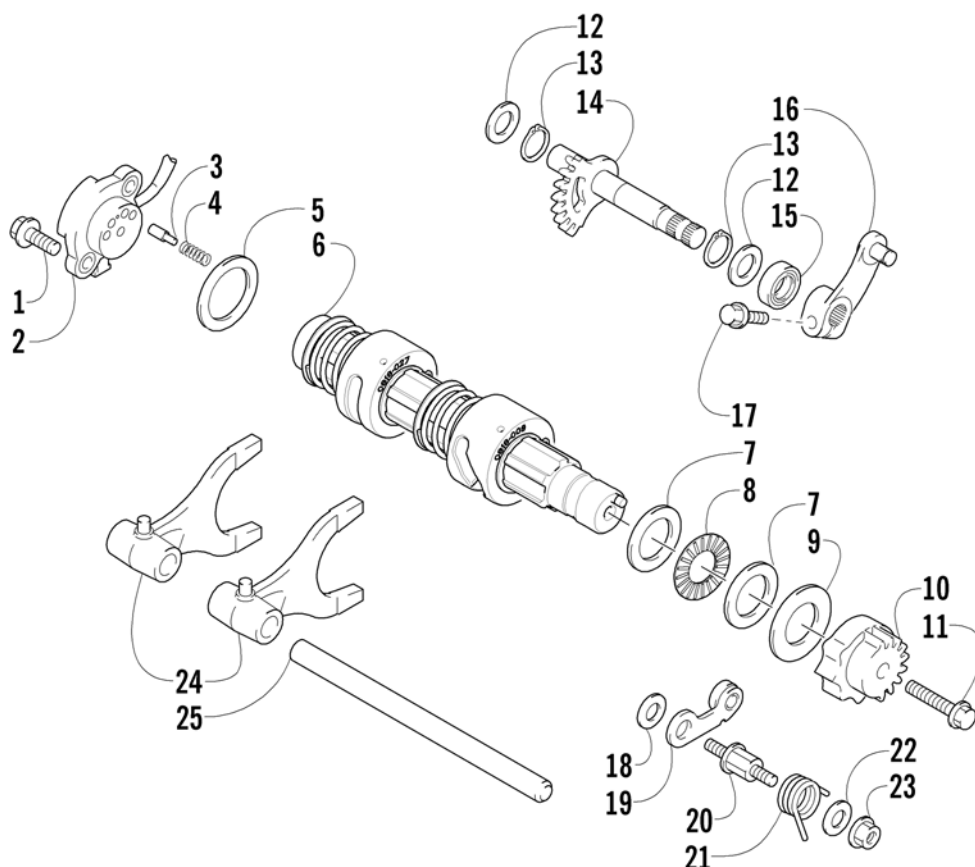
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-156	1	Face, Fixed Drive
2	0823-176	3	● Shoe, Cam	17	0823-131	1	Shroud, Drive Face
3	0823-177	3	● Screw, Cam	18	0623-914	6	Screw, Self-Tapping
4	0823-178	1	● Nut, Driven Pulley	19	0823-015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

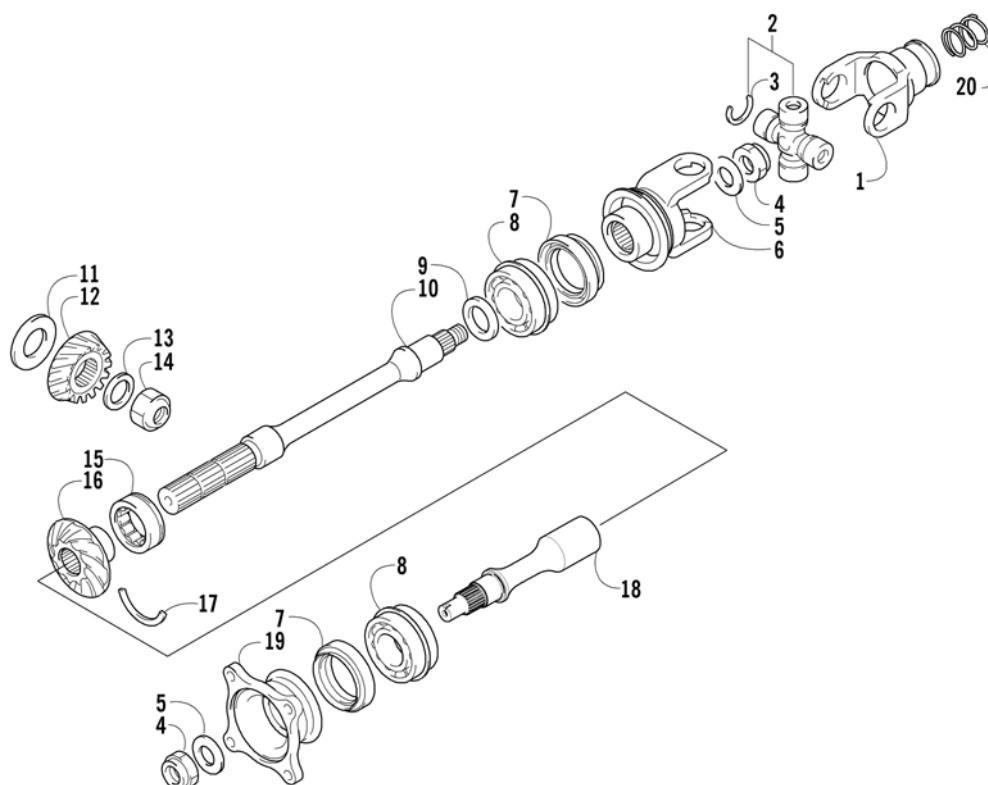
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0822-091	1	Countershaft Assembly (inc. 2-16)	20	0828-069	1	Washer, Thrust
2	0822-008	1	ø Gear, Drive	21	0822-050	1	Trigger, Speedometer Sensor
3	0822-014	1	ø Dog, Reverse Driven Gear	22	0831-039	1	Ring, Retaining
4	0831-011	2	ø Circlip	23	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	0824-042	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
12	0822-004	1	ø Gear, Driven - Low	31	0822-067	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

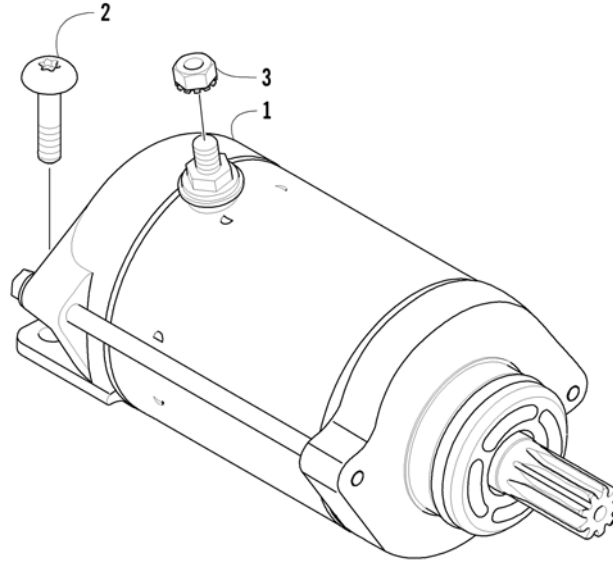
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8470-520	2	Screw, Machine	14	0818-007	1	Shaft, Sub-Gear Shift
2	0409-090	1	Switch, Gear Shift Position	15	0830-044	1	Seal, Sub-Gear Shift Shaft
3	0818-013	2	Contact	16	0818-014	1	Arm, Shift
4	0818-017	2	Spring	17	8468-620	1	Screw, Machine
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	0828-095	2	Washer, Thrust Bearing	20	0818-004	1	Support, Cam Stopper
8	0832-052	1	Bearing, Thrust - Roller	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

0742-594

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 48 x 0.25 mm
2	1402-463	1	Joint, Universal - Set (inc. 3)		0828-031	AR	Shim, 24 x 48 x 0.30 mm
3	0423-450	4	Ø Circlip		0828-032	AR	Shim, 24 x 48 x 0.35 mm
4	0827-013	2	Nut, Rear Output Joint		0828-033	AR	Shim, 24 x 48 x 0.90 mm
5	0828-020	2	Washer, Rear Output Flange		0828-018	AR	Shim, 24 x 48 x 0.95 mm
6	0819-061	1	Yoke, Drive Output - Front		0828-062	AR	Shim, 24 x 48 x 1.00 mm
7	0830-043	2	Seal, Oil - Driven Shaft		0828-063	AR	Shim, 24 x 48 x 1.05 mm
8	0832-017	2	Bearing, Driven Shaft		0828-064	AR	Shim, 24 x 48 x 1.10 mm
9	0828-021	AR	Shim, 25 x 34 x 0.25 mm		0828-065	AR	Shim, 24 x 48 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	0819-011	1	Ring, Driven Bearing
	0828-028	AR	Shim, 25 x 34 x 1.10 mm	18	0819-053	1	Shaft, Secondary Driven - Rear
	0828-029	AR	Shim, 25 x 34 x 1.15 mm	19	0819-005	1	Flange, Output Joint - Rear
10	0819-003	1	Shaft, Secondary Driven - Front	20	1402-026	1	Spring

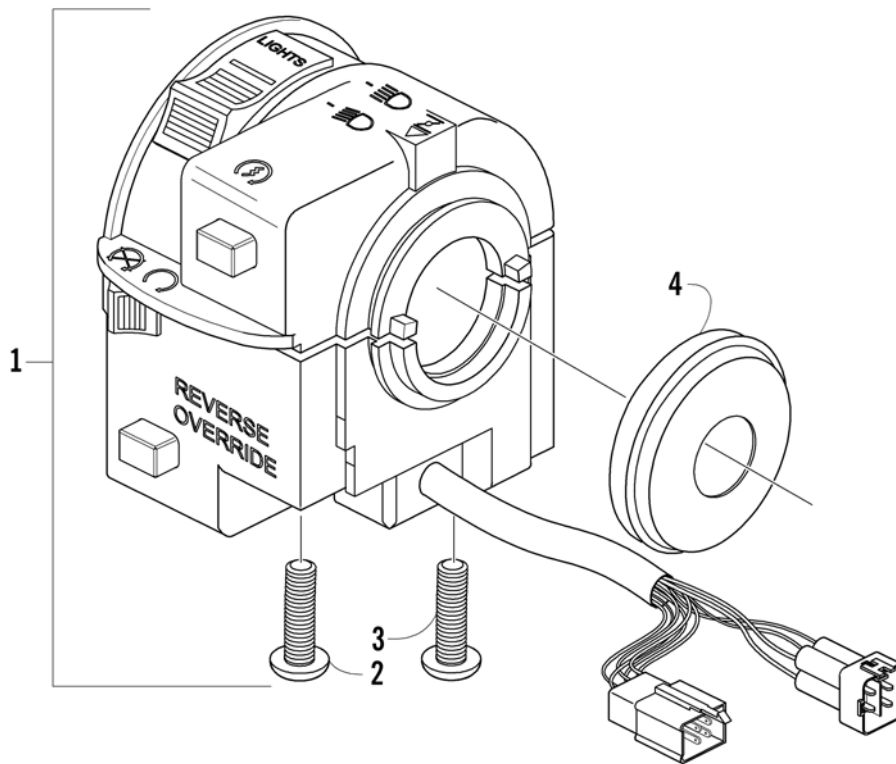


STARTER MOTOR ASSEMBLY

0742-657

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0825-011	1	Motor, Starter - Assembly	3	0623-038	1	Nut w/Washer
2	8476-625	2	Screw, Machine				

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CONTROL SWITCH HOUSING ASSEMBLY

0739-980

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0409-081	1	Switch, Control - Assembly (inc. 2-3)	3	0409-028	1	Ø Screw
2	0409-027	1	Ø Screw	4	0409-019	1	Cover, Switch Housing

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