



ARCTIC CAT[®]

www.ace.ag

400

STREET LEGAL



2007

frame number: *VADA404A070X10001* - *VADA404A070X10450*

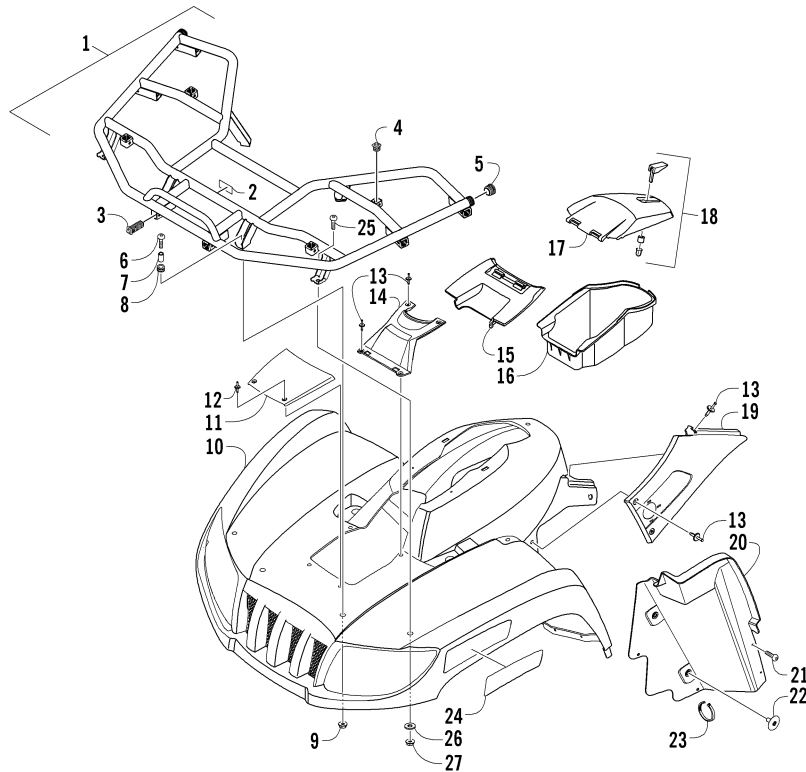
Illustrated Parts Manual

TABLE OF CONTENTS

2007 ATV 400 FIS Automatic Transmission - Revis

FRONT BODY PANEL ASSEMBLY	1
REAR BODY PANEL ASSEMBLY	2
TAILLIGHT ASSEMBLY	3
DECALS	4
FRAME AND RELATED PARTS	5
SEAT ASSEMBLY	6
STEERING POST ASSEMBLY	7
HANDLEBAR ASSEMBLY	8
FRONT SUSPENSION ASSEMBLY	9
REAR SUSPENSION ASSEMBLY	10
WHEEL AND TIRE ASSEMBLY	11
AUXILIARY BRAKE ASSEMBLY	12
HYDRAULIC HAND BRAKE ASSEMBLY	13
HYDRAULIC BRAKE ASSEMBLY	14
GAS TANK ASSEMBLY	15
REVERSE SHIFT LEVER ASSEMBLY	16
AIR INTAKE ASSEMBLY	17
BATTERY ASSEMBLY	18
ENGINE AND EXHAUST	19
OIL COOLER ASSEMBLY	20
CASE/BELT COOLING ASSEMBLY	21
FRONT DRIVE GEARCASE ASSEMBLY	22
REAR DRIVE GEARCASE ASSEMBLY	23
WIRING HARNESS ASSEMBLY	24
CARBURETOR	25
CYLINDER HEAD ASSEMBLY	26
CYLINDER ASSEMBLY	27
CRANKCASE ASSEMBLY	28
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY	29
CRANKSHAFT ASSEMBLY	30
STARTER CLUTCH ASSEMBLY	31
CRANK BALANCER ASSEMBLY	32
CAMSHAFT/VALVE ASSEMBLY	33
CAM CHAIN ASSEMBLY	34
RECOIL STARTER ASSEMBLY	35
OIL FILTER/PUMP ASSEMBLY	36
TRANSMISSION ASSEMBLY	37
SECONDARY TRANSMISSION ASSEMBLY	38
SECONDARY DRIVE ASSEMBLY	39
GEAR SHIFTING ASSEMBLY	40
STARTER MOTOR ASSEMBLY	41
MAGNETO ASSEMBLY	42
CONTROL SWITCH HOUSING ASSEMBLY	43
THROTTLE CASE ASSEMBLY	44
RELATED ITEMS	Back Cover

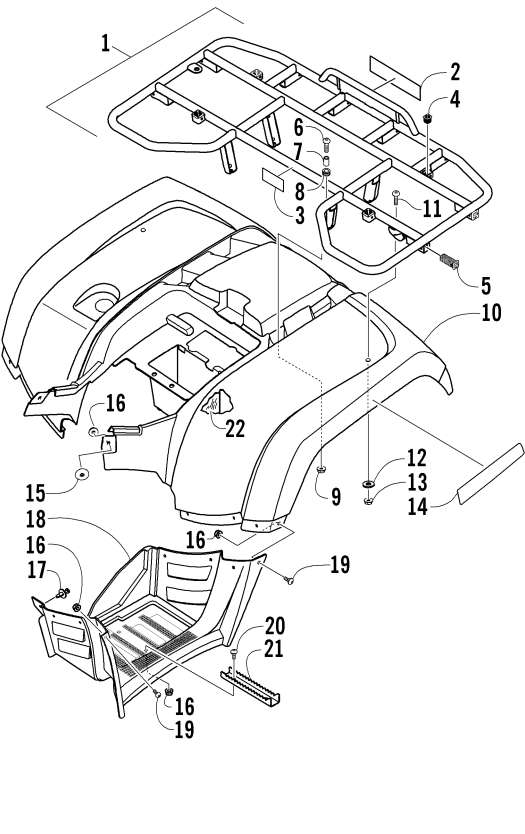
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2007 model year.



FRONT BODY PANEL ASSEMBLY

0740-293

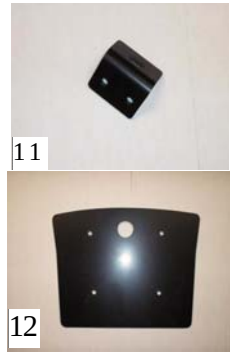
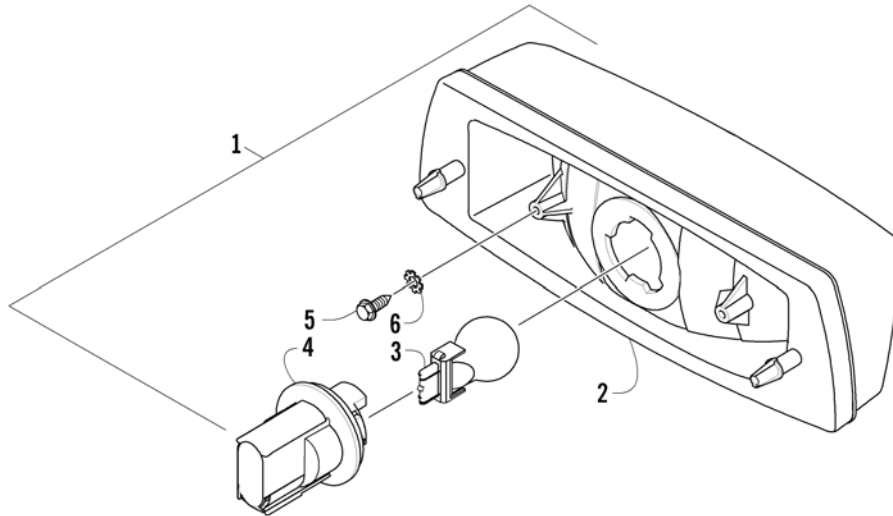
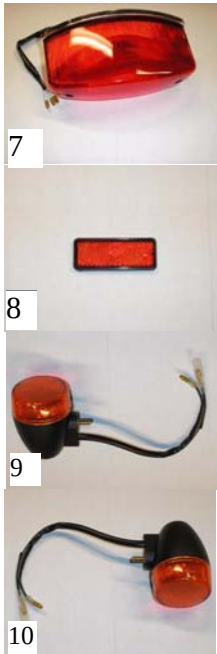
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0541-272	1	Rack - Front - Assembly (inc. 2-5)	18	1406-599	1	Latch, Storage Box
2	0411-576	1	ø Decal, Warning - Front Rack Load	19	1406-313	1	Panel, Side - Right
3	0441-556	6	ø Bushing, Rack		1406-314	1	Panel, Side - Left
4	0441-592	4	ø Bushing, Rack	20	1406-354	1	Panel, Splash - Right
5	1441-049	2	ø Plug, Rack		1406-355	1	Panel, Splash - Left
6	8468-830	4	Screw, Machine	21	0423-342	4	Screw, Self-Tapping
7	0423-463	4	Spacer	22	0423-101	5	Screw, Body
8	0423-465	4	Grommet	23	0123-788	AR	Cable Tie - 7.5 in.
9	8432-802	4	Nut, Lock	24	0411-818	1	Decal, Reflector - Amber - Right
10	1406-606	1	Panel, Fender - Front		0411-819	1	Decal, Reflector - Amber - Left
	1406-605	1	Panel, Fender - Front (Green)	25	0423-355	2	Screw, Shoulder
	1406-607	1	Panel, Fender - Front (Cat Green)	26	8050-222	2	Washer
11	1406-358	1	Cover, Access	27	8424-602	2	Nut, Lock
12	0423-535	2	Rivet, Reinstallable	28	AC008-790	1	Anti Theft Device
13	0623-362	10	Rivet, Reinstallable	29	AC008-793	1	Braket Anti Theft Device
14	1406-484	1	Cover, Steering Post	30	AC008-792	1	Holder Anti Theft Device
15	0470-513	1	Cover, Storage Box	31	AC008-795	1	Star Screw, Anti Theft Device
16	1406-573	1	Box, Storage	32	AC008-011	1	Holder Panel Left
17	0470-514	1	Lid, Storage Box		AC008-012	1	Holder Panel Right



REAR BODY PANEL ASSEMBLY

0740-305

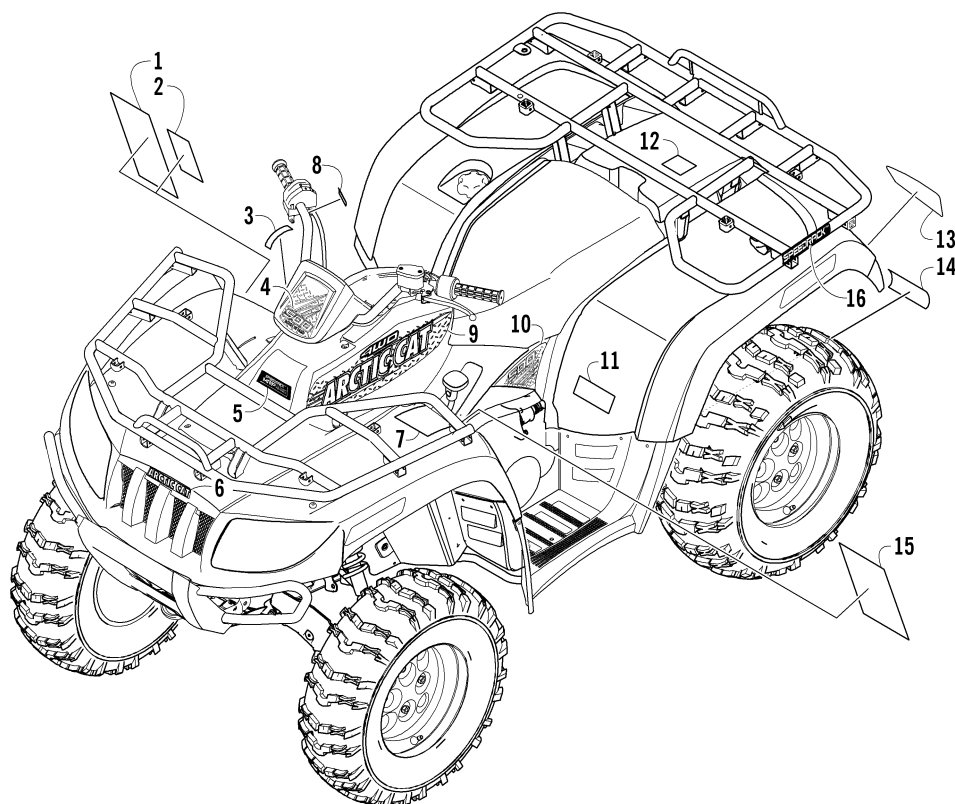
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0541-337</u>	1	Rack - Rear - Assembly (inc. 2-5)	11	0423-355	2	Screw, Shoulder
	<u>0541-285</u>	1	Rack - Rear - Assembly (inc. 2-5) (LE)	12	8050-222	2	Washer
2	<u>0411-814</u>	1	ø Decal, "Arctic Cat"	13	8424-602	2	Nut, Lock
	<u>0411-947</u>	1	ø Decal, "Arctic Cat" (LE)	14	<u>0411-820</u>	1	Decal, Reflector - Red - Right
3	0411-648	1	ø Decal, Warning - Rear Rack Load		<u>0411-821</u>	1	Decal, Reflector - Red - Left
4	0441-592	4	ø Bushing, Rack	15	0423-101	2	Screw, Body
5	0441-556	8	ø Bushing, Rack	16	<u>0423-540</u>	22	Nut, Lock
6	8468-830	4	Screw, Machine	17	0623-362	2	Rivet, Reinstallable
7	0423-463	4	Spacer	18	<u>1406-356</u>	1	Footwell - Right
8	0423-465	4	Grommet		<u>1406-357</u>	1	Footwell - Left
9	8432-802	4	Nut, Lock	19	8468-616	16	Screw, Machine
10	<u>AC006-013</u>	1	Fender EU Homologated Rear (Red)	20	0423-355	6	Screw, Shoulder
	<u>AC006-014</u>	1	Fender EU Homologated Rear (Green)	21	<u>1506-125</u>	2	Footpeg
	<u>AC006-015</u>	1	Fender EU Homologated Rear (Lime Green)	22	<u>0412-296</u>	1	Shield, Heat
				23	<u>0470-404</u>	2	Grommet



TAILLIGHT ASSEMBLY

0739-667

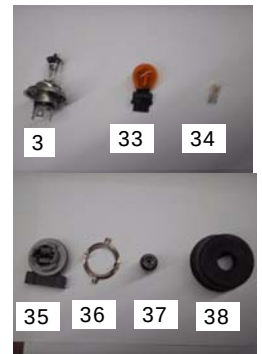
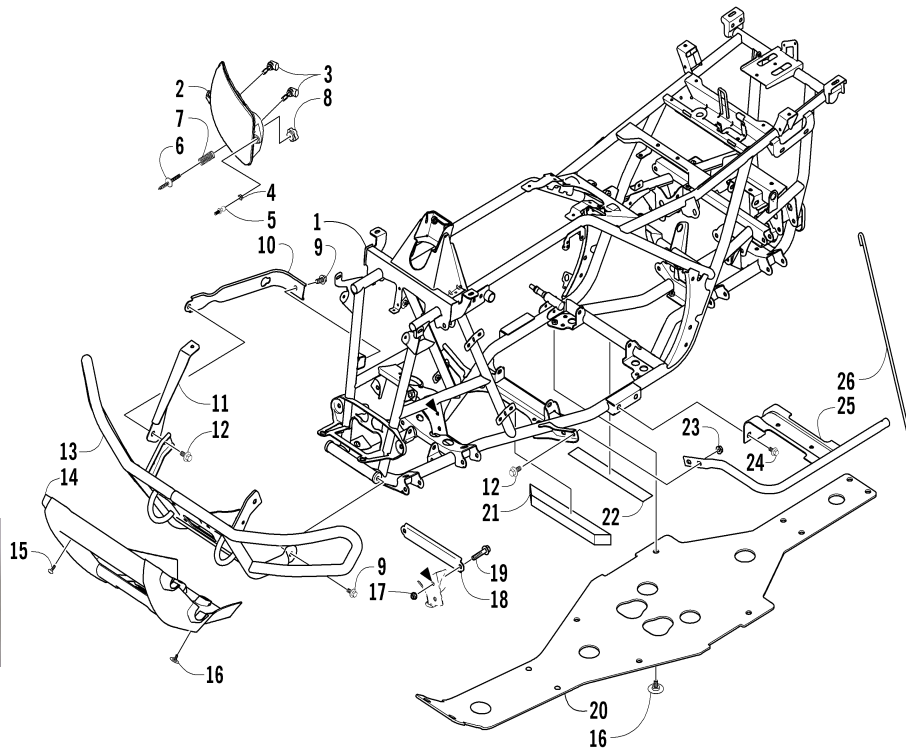
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	8	AC008-139	2	Reflector
2	0509-025	1	Housing, Taillight	9	AC003-145	1	Indicator, Left
3	0409-056	1	Bulb, Taillight		AC003-093	1	Bulb 10 Watt
4	0409-057	1	Socket, Taillight	10	AC003-146	1	Indicator,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



DECALS

0740-294 *Included on Front/Rear Fender Panels **Not Required for This Model

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1411-250	1	Decal, Warning Reverse/Pre-Ride	10	0411-872	1	Decal, Side Lower Right
2	0411-835	1	Decal, Warning Turn/Hill		0411-873	1	Decal, Side Lower Left
3	0411-426	1	Decal, Warning - Clutch Cover		0411-870	1	Decal, Side Lower Right (Green)
4	0411-844	1	Decal, Instrument Pod		0411-871	1	Decal, Side Lower Left (Green)
	0411-843	1	Decal, Instrument Pod (Green)		0411-874	1	Decal, Side Lower Right (Cat Green)
	0411-845	1	Decal, Instrument Pod (Cat Green)		0411-875	1	Decal, Side Lower Left (Cat Green)
	AC001-639	1	Decal, Head		AC001-654	1	Decal, Side 400 Left
5	0411-964	1	Decal, Crest		AC001-655	1	Decal, Side 400 Right
6	0411-840	1	Decal, Front	11	0411-430	1	Decal, Warning - Tire Pressure
	0411-839	1	Decal, Front (Green)	12	0411-435	1	Decal, Passenger
	0411-841	1	Decal, Front (Cat Green)	13	0411-890	1	Decal, Rear Right
	AC001-630	1	Decal, Front		0411-891	1	Decal, Rear Left
7	0411-401	1	Decal, Warning Age		0411-888	1	Decal, Rear Right (Green)
8	0411-966	1	Decal, Warning Differential Lock		0411-889	1	Decal, Rear Left (Green)
9	0411-854	1	Decal, Side Upper Right		0411-892	1	Decal, Rear Right (Cat Green)
	0411-855	1	Decal, Side Upper Left		0411-893	1	Decal, Rear Left (Cat Green)
	0411-852	1	Decal, Side Upper Right (Green)	14	0411-267	1	Decal, Warning - Towing
	0411-853	1	Decal, Side Upper Left (Green)	15	0411-218	1	Decal, Warning - General
	0411-856	1	Decal, Side Upper Right (Cat Green)	16	0411-965	1	Decal, "Speedrack"
	0411-857	1	Decal, Side Upper Left (Cat Green)				
	AC001-644	1	Decal, Side LH				

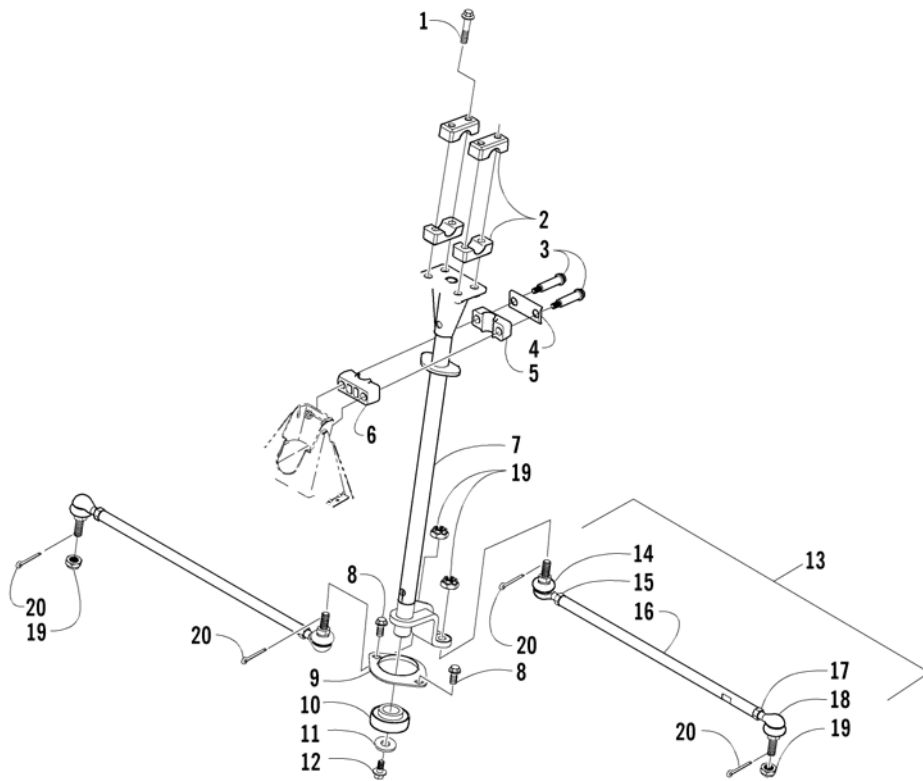


FRAME AND RELATED PARTS

0740-310

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1506-717</u>	1	Frame, Main	20	1406-030	1	Panel, Belly
2	<u>0509-036</u>	1	Headlight Assembly - Right (inc. 3,33,34)	21	1506-067	1	Foam, Frame
	<u>0509-037</u>	1	Headlight Assembly - Left (inc. 3,33,34)	22	0406-289	1	Pad, Frame
3	0409-096	2	ø Bulb, H/L Headlight 35/35W	23	8424-802	4	Nut, Flange
4	<u>0623-785</u>	4	Screw, Self Tapping	24	8409-016	4	Screw, Cap
5	<u>8050-217</u>	8	Washer	25	<u>1506-380</u>	1	Footrest - Right
	0423-447	4	Grommet		<u>1506-379</u>	1	Footrest - Left
6	<u>0423-514</u>	2	Stud, Adjuster - Headlight	26	<u>1406-298</u>	2	Rod, Support
7	<u>0423-522</u>	2	Spring, Adjuster	27	AC008-751	1	Mirror Left
8	<u>0423-513</u>	1	Knob, Adjuster	28	AC008-752	1	Mirror Right
9	8409-020	4	Screw, Cap	29	AC008-753	1	Mirror Mounting Left
10	0506-653	1	Channel, Bumper Mounting - Right	30	AC008-403	1	Mirror Mounting DVX
	1506-596	1	Channel, Bumper Mounting - Left	31	<u>0430-053</u>	1	Horn
11	<u>1506-562</u>	1	Bracket, Mounting - Bumper - Right		<u>2406-321</u>	1	Bracket Mount Horn
	<u>1506-563</u>	1	Bracket, Mounting - Bumper - Left	32	AC003-220	2	Harness Adapter Headlight 2007
12	8408-816	6	Screw, Cap	33	<u>0409-099</u>	2	Bulb, Turn Signal
13	<u>1506-855</u>	1	Bumper	34	<u>0409-101</u>	2	Bulb, Position Light
14	<u>1406-360</u>	1	Grille, Bumper	35	<u>0409-100</u>	2	Socket, Bulb Turn
15	0423-419	2	Screw, Mashine	36	<u>0409-097</u>	2	Retainer Bulb
16	0423-101	20	Screw, Body	37	<u>0409-102</u>	2	Socket, Bulb Postion Light
17	8428-002	2	Nut, Lock	38	<u>0409-098</u>	2	Boot H/L Rubber
18	1506-429	1	Brace, A-Arm				
19	8409-025	2	Screw, Cap				

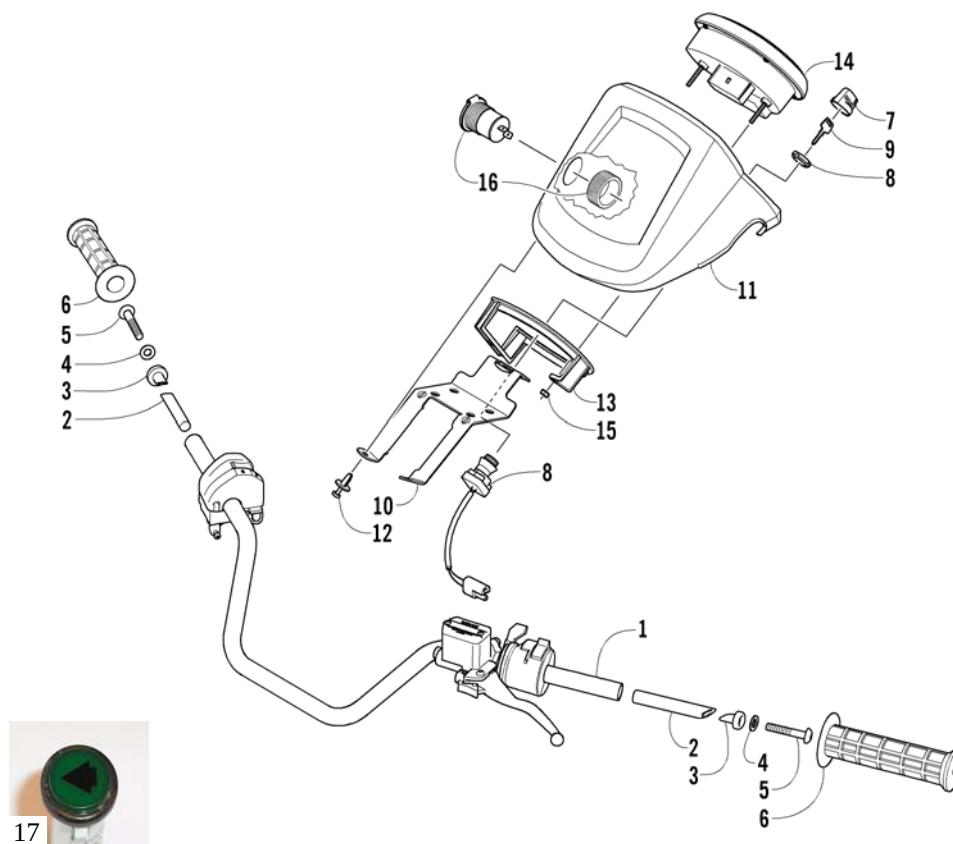
6



STEERING POST ASSEMBLY

0739-774

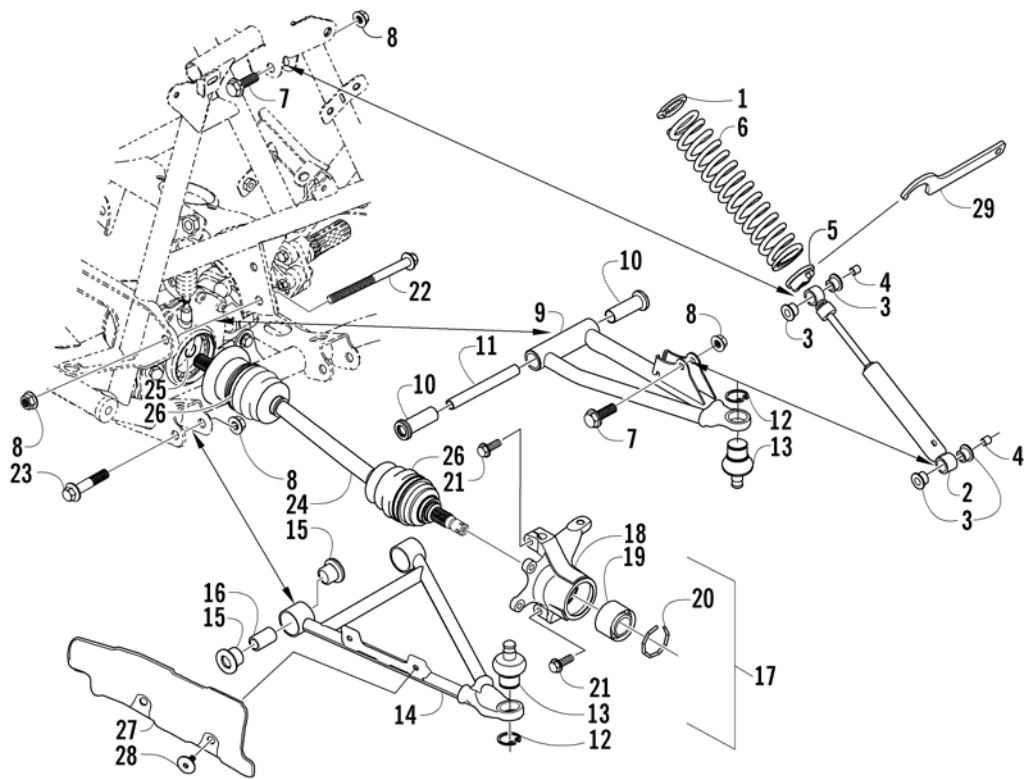
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	11	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	12	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	13	0505-408	2	Tie Rod - Assembly (inc. 14-18)
4	0405-166	1	Cap, Housing	14	0405-083	2	ø Ball Joint, Tie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



HANDLEBAR ASSEMBLY

0740-349

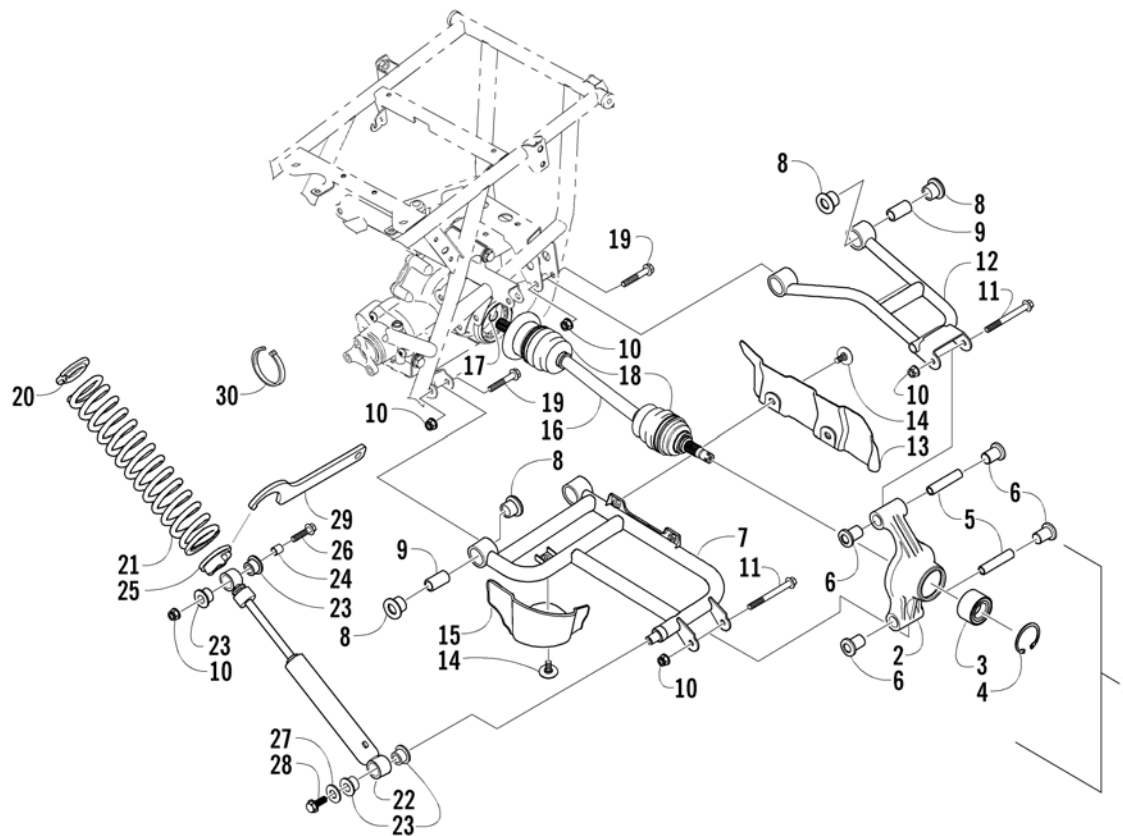
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-418	1	Tube, Handlebar	10	1506-578	1	Bracket, Mounting - Instrument Pod
2	0405-218	2	Plug, Handlebar	11	0405-188	1	Instrument Pod
3	0405-149	2	End Cap, Handlebar		0405-189	1	Instrument Pod (Green)
4	8050-247	2	Washer		0405-190	1	Instrument Pod (Cat Green)
5	8477-845	2	Screw, Machine	12	0423-535	2	Rivet, Reinstallable
6	0405-147	2	Grip, Handlebar	13	0420-065	1	Clamp
7	0409-013	1	Cover, Key	14	0520-014	1	Gauge, LCD
8	3430-040	1	Switch, Ignition - Assembly (inc. 9)		0520-010	1	Gauge, LCD
9	3409-007	1	ø Key, Ignition - Blank (C Series)	15	0423-493	2	Nut, Hex
	3409-011	1	ø Key, Ignition - Blank (D Series)	16	0641-897	1	Outlet, Accessory - 12V
	3409-012	1	ø Key, Ignition - Blank (E Series)	17	0420-072	2	Light Indicator Turn Signal
	3409-013	1	ø Key, Ignition - Blank (F Series)				



FRONT SUSPENSION ASSEMBLY

0739-603 *Not a Service Part

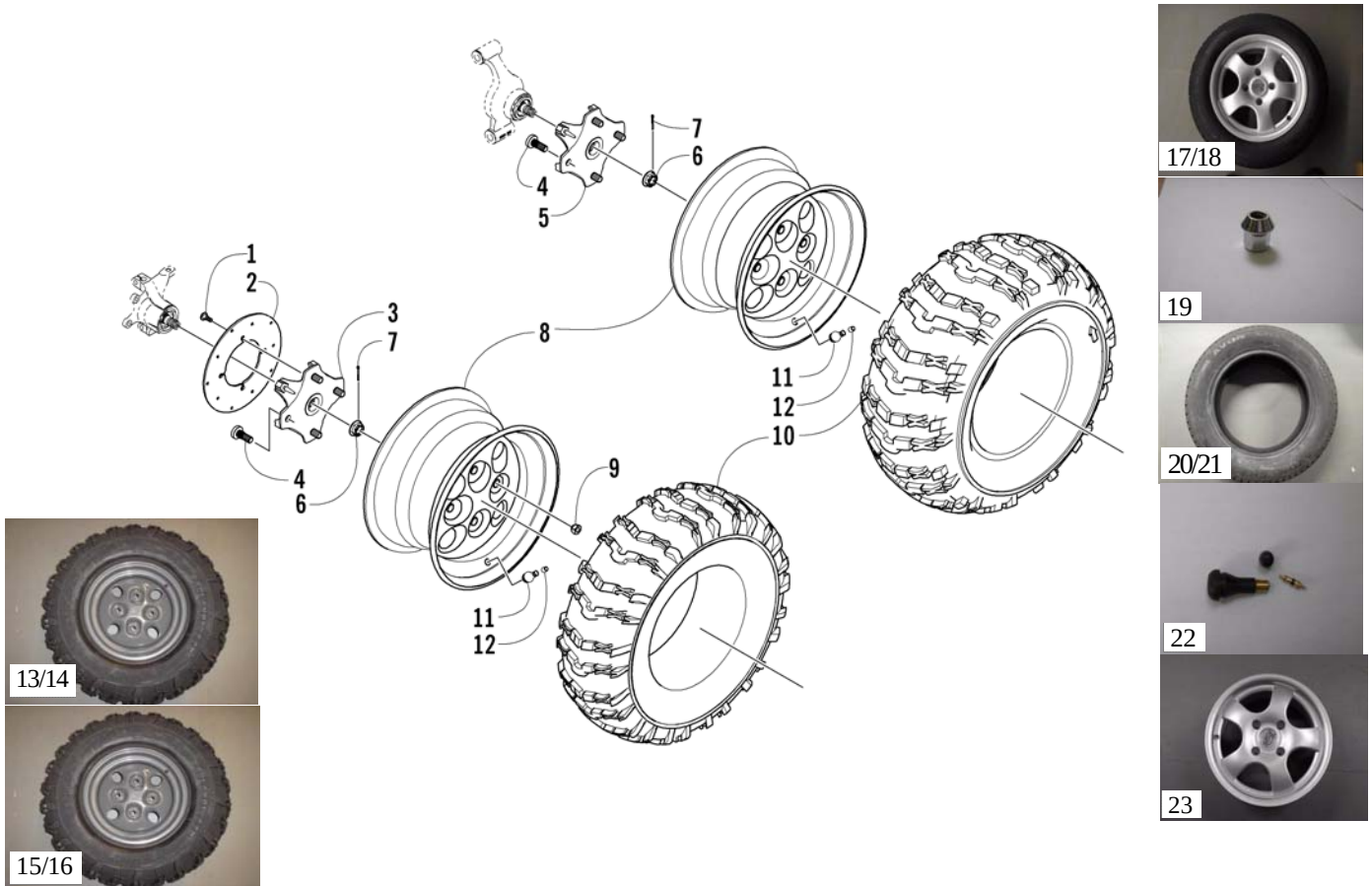
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1603-889	2	Retainer, Spring	17	<u>0505-460</u>	1	Knuckle - Assembly - Right (inc. 18-20)
2	0403-137	2	Shock Absorber - Front (inc. 3-4)		<u>0505-461</u>	1	Knuckle - Assembly - Left (inc. 18-20)
3	0604-310	8	ø Bushing, Shock Absorber	18	*	1	ø Knuckle, Steering - Right
4	0403-028	4	ø Sleeve, Shock		*	1	ø Knuckle, Steering - Left
5	0403-102	2	Cam, Spring Adjuster	19	1402-027	2	ø Bearing, Wheel Hub
6	<u>0503-318</u>	2	Spring, Shock Absorber - Platinum	20	0423-423	2	ø Ring, Retaining
	<u>0503-317</u>	2	Spring, Shock Absorber - Black (Green)	21	8409-030	4	Screw, Cap
7	8409-040	4	Screw, Cap	22	0423-334	2	Screw, Cap
8	8428-002	10	Nut, Lock	23	8409-075	4	Screw, Cap
9	0503-272	1	A-Arm, Upper Right - Platinum (inc. 10-13)	24	<u>0502-812</u>	1	Axle, Drive - Front - Right (inc. 25-26)
	0503-273	1	A-Arm, Upper Left - Platinum (inc. 10-13)		<u>0502-813</u>	1	Axle, Drive - Front - Left (inc. 25-26)
10	0403-081	4	ø Bushing	25	1441-109	2	ø Clip, Retaining
11	0403-080	2	ø Collar	26	0436-276	2	ø Repair Kit, Boot - Front Axle
12	0423-009	4	ø Clip, Ball Joint	27	0441-752	1	Guard, Boot - Axle - Right
13	0405-115	4	ø Ball Joint - Front		0441-753	1	Guard, Boot - Axle - Left
14	0503-268	1	A-Arm, Lower Right - Platinum (inc. 12-13 and 15-16)		1441-002	1	Guard, Boot - Axle - Right (Green)
	0503-269	1	A-Arm, Lower Left - Platinum (inc. 12-13 and 15-16)		1441-003	1	Guard, Boot - Axle - Left (Green)
15	0403-115	8	ø Bushing		1406-034	1	Guard, Boot - Axle - Right (M4 Camo)
16	0403-114	4	ø Collar		1406-035	1	Guard, Boot - Axle - Left (M4 Camo)
				28	0423-101	4	Screw, Body
				29	0441-587	1	Wrench, Spanner



REAR SUSPENSION ASSEMBLY

0740-328 *Not a Service Part

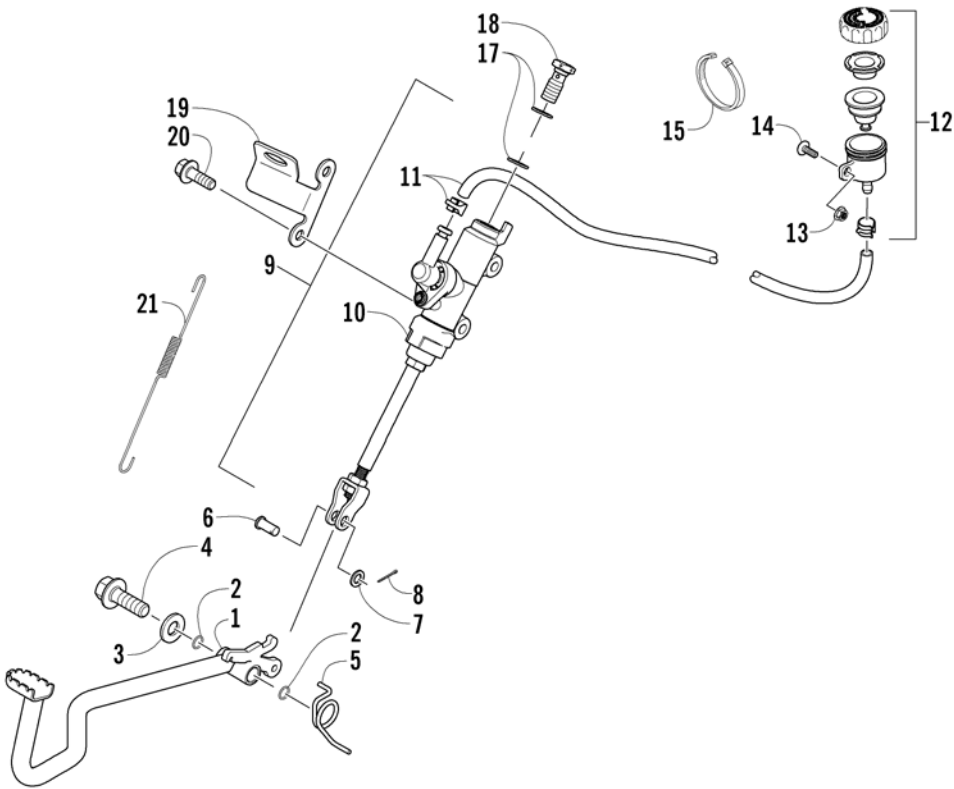
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-374	1	Knuckle, Right Rear -Assembly (inc. 2-6)	14	0441-758	1	Guard, Boot - Right (Cat Green) (LE)
2	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-6)	15	0441-759	1	Guard, Boot - Left (Cat Green) (LE)
3	*	1	ø Knuckle - Right	16	1406-068	1	Guard, Boot - Right (M4 Camo)
4	*	1	ø Knuckle - Left	17	1406-069	1	Guard, Boot - Left (M4 Camo)
5	1402-027	2	ø Bearing, Wheel Hub	18	0423-101	6	Screw, Body
6	0423-423	2	ø Ring, Retaining	19	1406-071	1	Guard, Boot - Right
7	0403-038	4	ø Collar, Suspension Bushing	20	1406-072	1	Guard, Boot - Left
8	0403-032	8	ø Bushing, Suspension	21	0502-811	2	Axle, Drive (inc. 17-18)
9	0504-326	1	A-Arm, Rear - Lower Right - Platinum (inc. 8-9)	22	0441-893	2	ø Clip, Retaining
10	0504-327	1	A-Arm, Rear - Lower Left - Platinum (inc. 8-9)	23	0436-276	2	ø Repair Kit, Boot - Rear Axle
11	0403-115	16	ø Bushing	24	8409-075	8	Screw, Cap
12	0403-114	8	ø Collar	25	1603-889	2	Retainer, Spring
13	8428-002	14	Nut, Lock	26	0404-127	2	Spring, Suspension - Platinum
14	8409-000	4	Screw, Cap	27	0404-126	2	Spring, Suspension - Black (Green)
15	0504-330	1	A-Arm, Rear - Upper Right - Platinum (inc. 8-9)	28	0404-099	2	Shock Absorber - Rear (inc. 23-24)
16	0504-331	1	A-Arm, Rear - Upper Left - Platinum (inc. 8-9)	29	0604-310	8	ø Bushing, Shock Absorber
17	0441-754	1	Guard, Boot - Right	30	0403-028	2	ø Sleeve, Shock Absorber
18	0441-755	1	Guard, Boot - Left		0404-057	2	Cam, Spring Adjuster
19	1441-004	1	Guard, Boot - Right (Green)		8409-050	1	Screw, Cap - Right
20	1441-005	1	Guard, Boot - Left (Green)		8409-040	1	Screw, Cap - Left
21					0423-087	2	Washer
22					8408-820	2	Screw, Cap
23					0441-587	1	Wrench, Spanner
24					0123-788	2	Cable Tie



WHEEL AND TIRE ASSEMBLY

0740-358

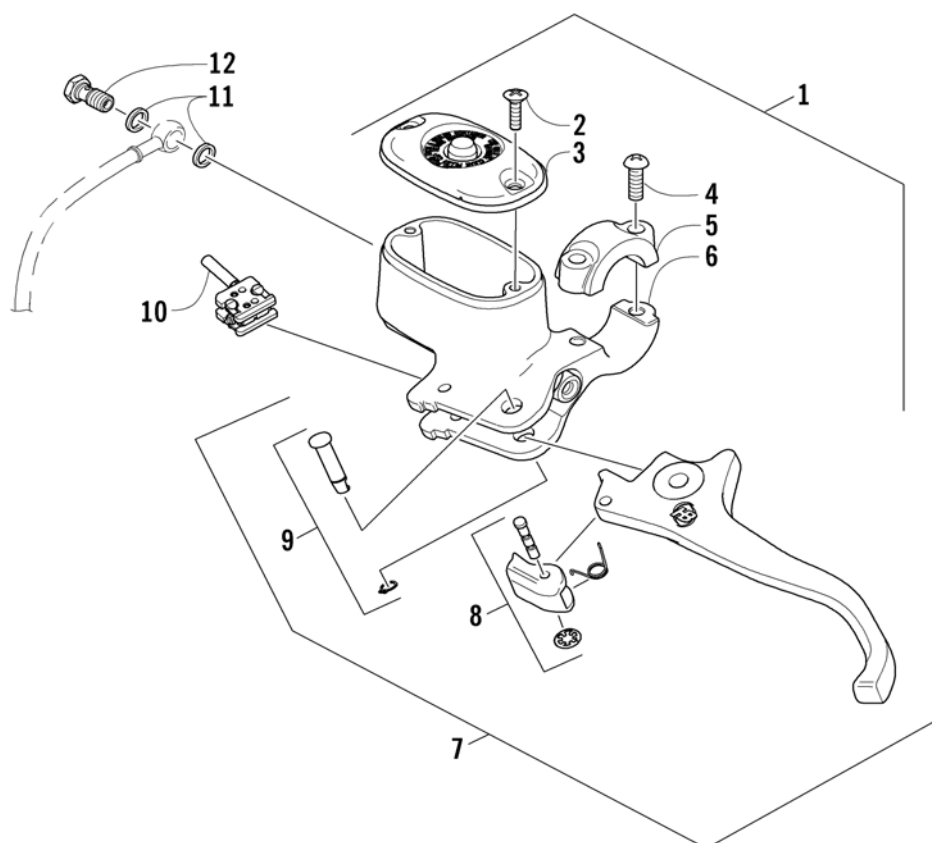
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder w/Loctite	11	1402-137	2	Tire - Rear
2	1402-225	3	Disc, Brake	12	0402-064	4	Stem, Valve (inc. 12)
3	0502-599	2	Hub, Wheel - Front (inc. 4)	12	0402-140	4	ø Cap, Valve Stem
4	0402-974	16	ø Stud, Wheel Hub	13	0502-464	1	Wheel, Gray RH 25x8-12
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)	14	0502-465	1	Wheel, Gray LH 25x8-12
	0502-599	1	Hub, Wheel - Rear - Right (inc. 4)	15	0502-505	1	Wheel, Gray RH 25x11-12
6	<u>0423-607</u>	4	Nut, Castle Flange	16	0502-506	1	Wheel, Gray LH 25x11-12
7	0423-407	4	Pin, Cotter	17	AC007-203	2	Wheel Assy. Onroad Front (inc. 20, 22, 23)
8	1402-127	2	Wheel - Front - Platinum	18	AC007-216	2	Wheel Assy. Onroad Rear (inc. 21-23)
	1402-115	2	Wheel - Rear - Platinum	19	AC007-217	16	Nut, Aluminium Rim Silver
	0402-856	2	Wheel - Front - Gray	20	AC007-202	1	Road Tire 185/65-15
	0402-858	2	Wheel - Rear - Gray	21	AC007-215	1	Road Tire 205/60-15
	1402-332	2	Wheel - Front - Black (M4 Camo)	22	AC007-209	1	Valve Wheel, Road Tire
	1402-333	2	Wheel - Rear - Black (M4 Camo)	23	AC007-221	1	Aluminium Rim Silver
9	0423-408	16	Nut, Mounting - Wheel				
10	1402-100	2	Tire - Front				



AUXILIARY BRAKE ASSEMBLY

0740-359 *Not a Service Part

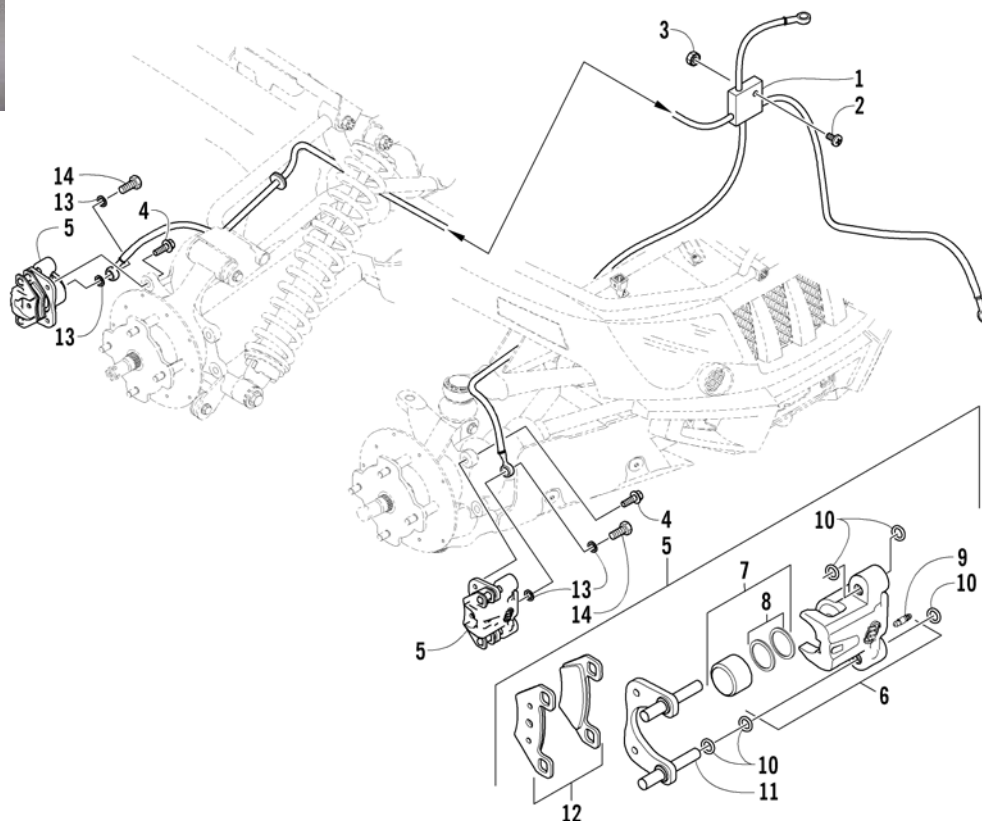
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-805	1	Lever, Brake	16	1402-593	1	Hose,Brake-MC/CALIPER (50" WB)
2	1602-213	2	O-Ring	17	0423-178	4	Washer, Crush
3	8050-252	1	Washer	18	0423-610	1	Bolt, Double Banjo Fitting
4	8408-816	1	Screw, Cap	19	0502-840	1	Bracket, Switch
5	0502-807	1	Spring, Brake Lever	20	8408-625	2	Screw, Cap
6	1402-377	1	Pin, Clevis	21	0502-785	1	Spring, Brake Switch
7	8050-217	1	Washer	22	0487-054	1	Cable,Park Brake-50
8	0402-584	1	Pin, Cotter	23	1502-265	1	Lever-Cable-Park Brake-50"-Assy (inc. 22)
9	1502-147	1	Rear Master Cylinder	24	1502-176	1	Caliper,Brake-Mechanical
10	*	1	ø Master Cylinder	25	AC002-005	2	Pad Brake-Mech Park
11	0502-880	±	ø Hose, Brake Reservoir	26	0402-379	1	Wire Form, Cable
12	0502-877	±	ø Reservoir, Brake	27	8408-825	2	Screw,Cap-HFH M8X1.25X25 CL8.8 Z&Y
13	0623-038	±	Nut, Flanged	28	1502-115	2	Clip Brake Hose
14	8476-616	±	Screw, Machine				
15	0123-788	±	Cable Tie 7.5 in.				



HYDRAULIC HAND BRAKE ASSEMBLY

0739-479

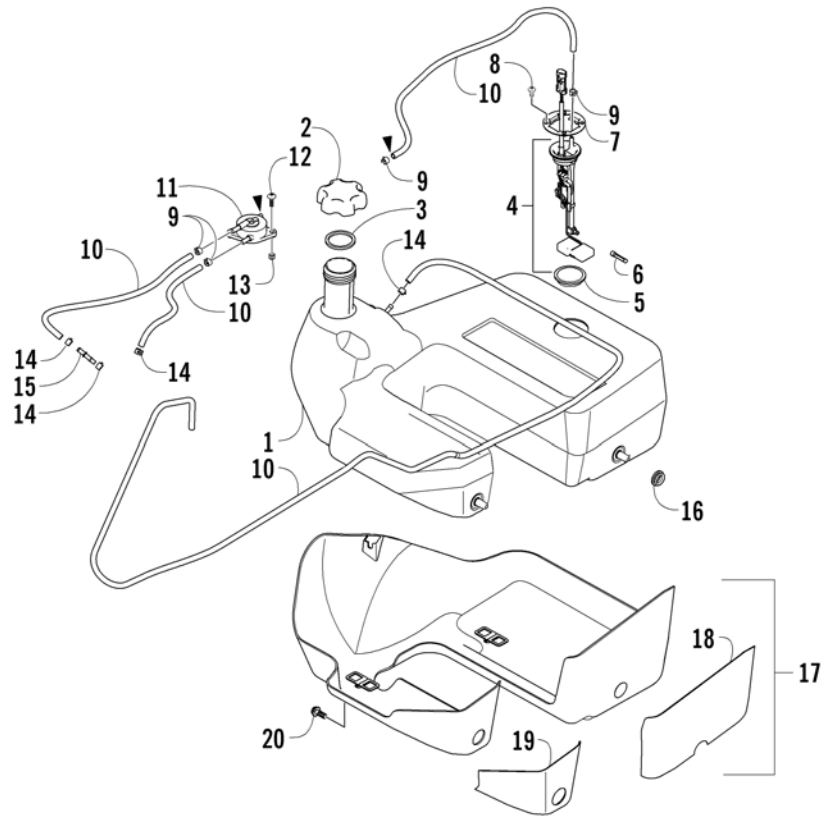
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-914</u>	1	Brake Assembly (inc. 2-10)	7	<u>0502-866</u>	1	ø Lever Assembly - Kit (inc. 8-9)
2	0502-566	1	ø Screw, Reservoir Cover - Kit	8	<u>0502-867</u>	1	ø ø Lock, Brake Lever - Kit
3	<u>0502-868</u>	1	ø Cover, Reservoir - Kit	9	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	<u>0502-869</u>	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



HYDRAULIC BRAKE ASSEMBLY

0740-478

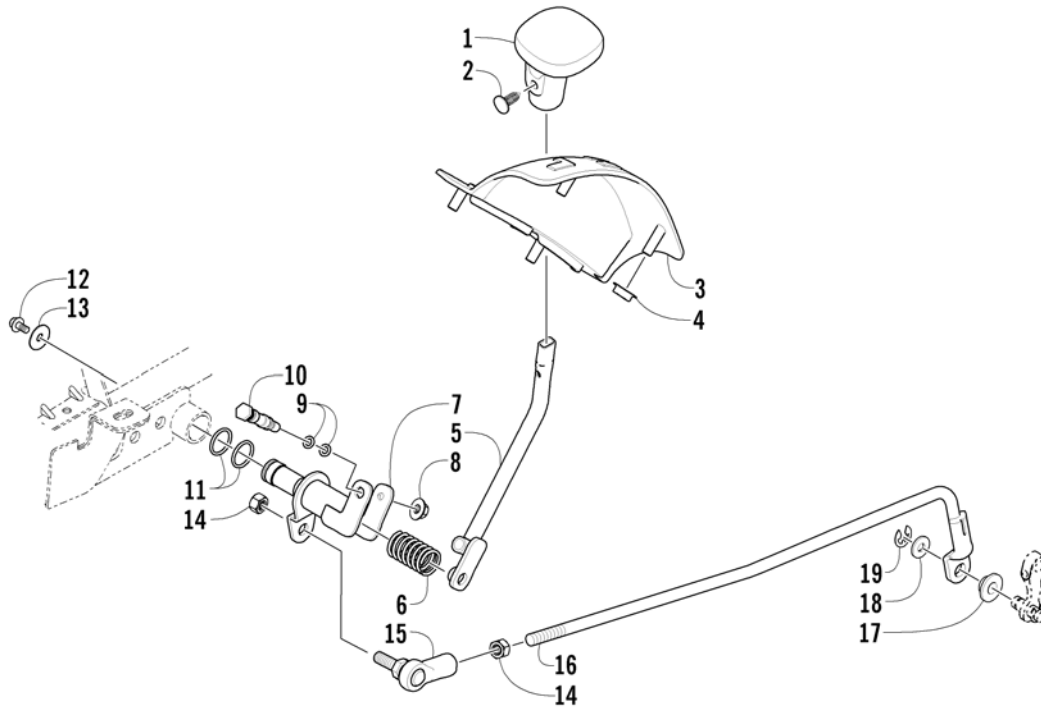
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-627	1	Hose, Brake Assembly	7	0502-606	3	ø ø Piston/Seal Set (inc. 8)
2	8476-625	1	Screw, Cap	8	0502-607	3	ø ø ø Seal Set
3	0623-038	1	Nut, Hex	9	0502-609	3	ø ø Valve, Bleed
4	8408-820	6	Screw, Cap	10	0502-608	3	ø O-Ring, Guide - Set
5	0502-602	1	Caliper, Brake - Right Front (inc. 6-12)	11	0502-605	3	ø Bracket Assembly
	0502-610	2	Caliper, Brake - Left Front and Right Rear (inc. 6-12)	12	0502-604	3	ø Pad, Brake - Set
6	0502-603	1	ø Housing, Caliper - Assembly - Right Front (inc. 7-9)	13	0423-178	6	Washer, Crush
	0502-611	2	ø Housing, Caliper - Assembly - Left Front and Right Rear (inc. 7-9)	14	0423-413	3	Bolt, Banjo Fitting
				15	1502-148	1	Hose, Brake Assembly
				16	1402-592	1	Hose, Brake-MC/MC



GAS TANK ASSEMBLY

0739-695

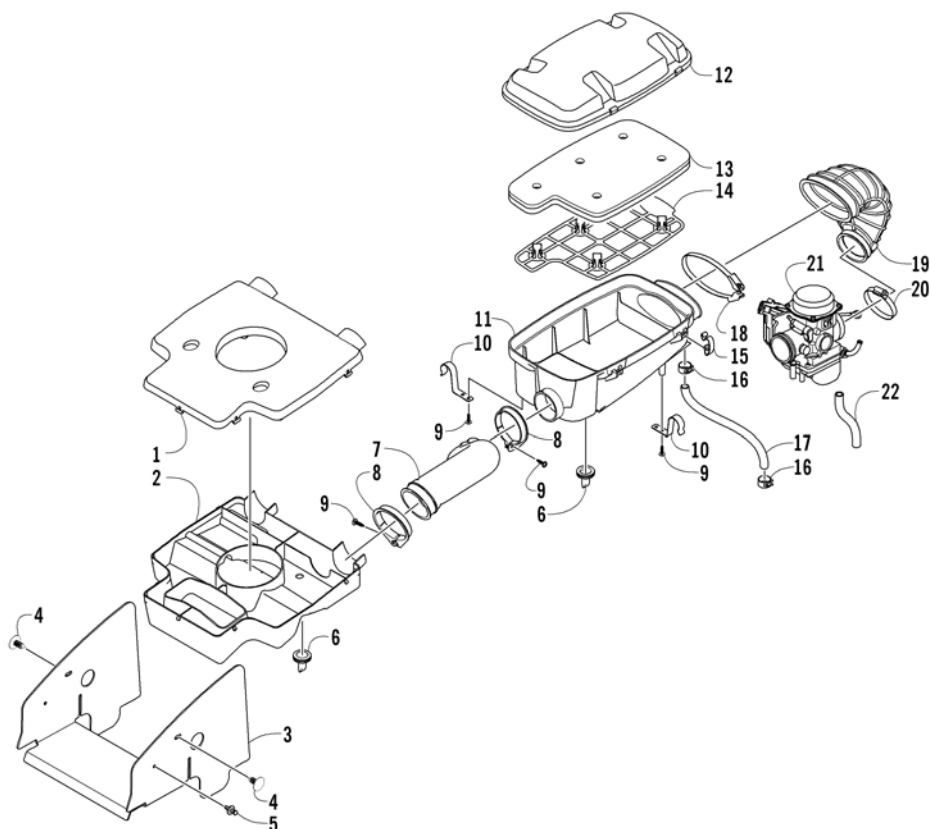
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-144	1	Tank, Gas - Assembly (inc. 2-8)	11	0470-519	1	Pump, Fuel
2	0470-438	1	ø Cap, Gas Tank (inc. 3)	12	8476-620	2	Screw, Machine
3	0109-733	1	ø ø Gasket, Tank Cap	13	0623-038	2	Nut, Lock
4	0570-112	1	ø Sensor, Fuel Level (inc. 5-6)	14	1623-233	4	Clamp, Hose
5	0470-521	1	ø ø Seal, Fuel Level Sensor	15	0470-527	1	Fitting, Straight
6	0470-475	1	ø ø Filter, Fuel	16	0423-460	2	Grommet
7	0470-546	1	ø Plate, Mounting - Fuel Level Sensor	17	0570-081	1	Shield, Gas Tank - Assembly (inc. 18-19)
8	1623-158	4	ø Screw, Self-Tapping	18	0470-499	1	ø Shield, Heat
9	0423-461	4	Clamp, Hose	19	0470-498	1	ø Shield, Heat
10	0410-070	AR	Hose, Gasline - 25 ft	20	8408-816	2	Screw, Cap



REVERSE SHIFT LEVER ASSEMBLY

0740-360

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Reverse Shift	11	0423-299	2	O-Ring
2	0423-345	1	Clip, Push	12	8408-812	1	Screw, Cap
3	<u>1402-110</u>	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	<u>0502-671</u>	1	Linkage, Shift
7	0502-742	1	Axle, Reverse Shift Lever	17	0423-091	1	Bushing, Shift Linkage
8	8424-602	1	Nut	18	3423-204	1	Washer
9	0423-182	2	O-Ring	19	0423-169	1	E-Ring
10	0402-675	1	Axle, Pivot				

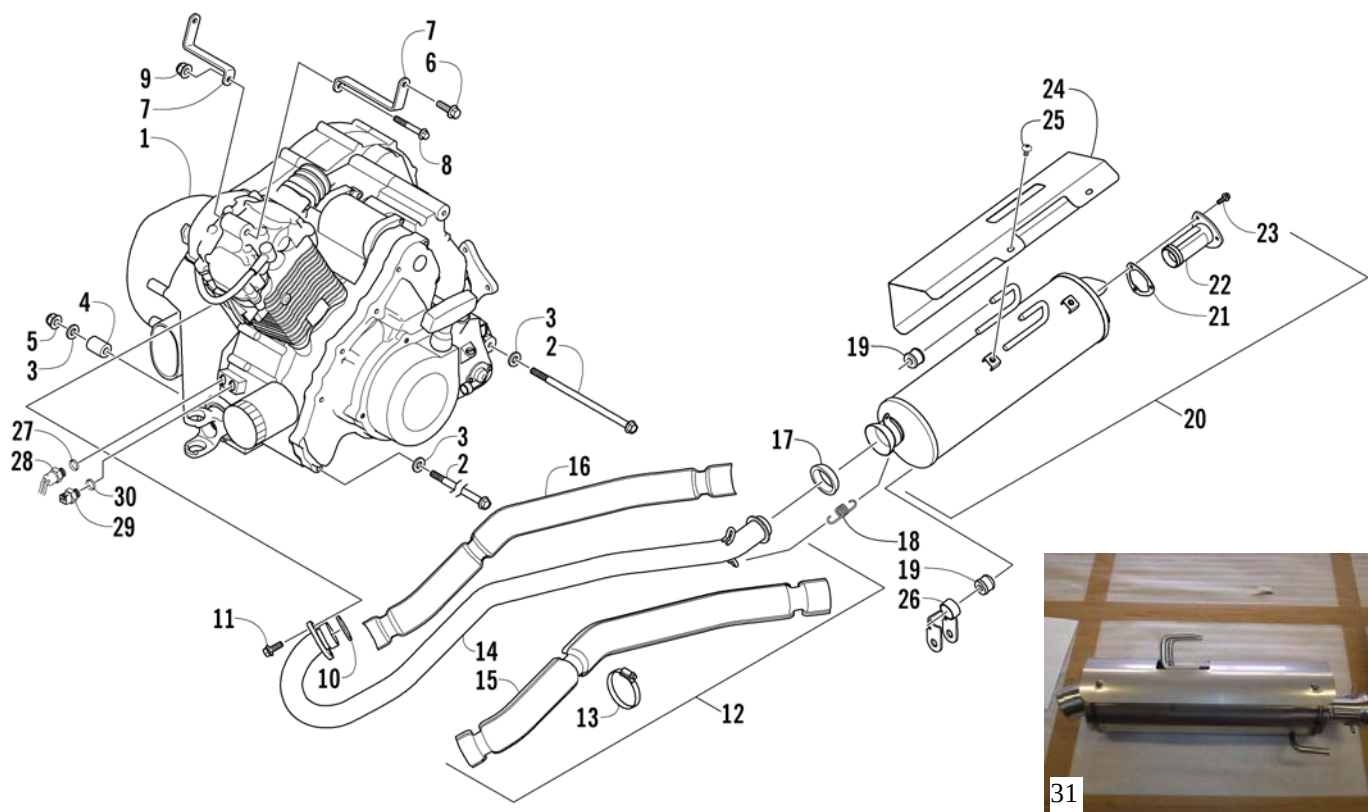


AIR INTAKE ASSEMBLY

0740-746

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-091	1	Diverter, Air - Top	12	0470-554	1	Cover, Air Intake
2	0413-093	1	Diverter, Air - Bottom	13	0470-663	1	Filter, Air
3	<u>2406-013</u>	1	Shroud, Splash	14	0470-516	1	Screen, Air Filter
4	0623-544	2	Plug	15	0423-455	4	Clip, Spring
5	0623-362	2	Rivet, Reinstallable	16	0423-045	2	Clamp, Hose
6	0470-442	2	Valve, Drain	17	0410-087	1	Hose, Vent - Crankcase
7	0470-529	1	Boot, Air Intake	18	0423-554	1	Clamp, Boot
8	0423-551	2	Clamp, Boot	19	0470-517	1	Boot, Carburetor
9	0423-342	7	Screw, Self-Tapping	20	0423-019	1	Clamp, Boot
10	0423-454	2	Clip, Mounting - Air Intake	21	0470-537	1	Carburetor
11	0470-540	1	Housing, Air Intake	22	0510-592	1	Hose, Carburetor Drain

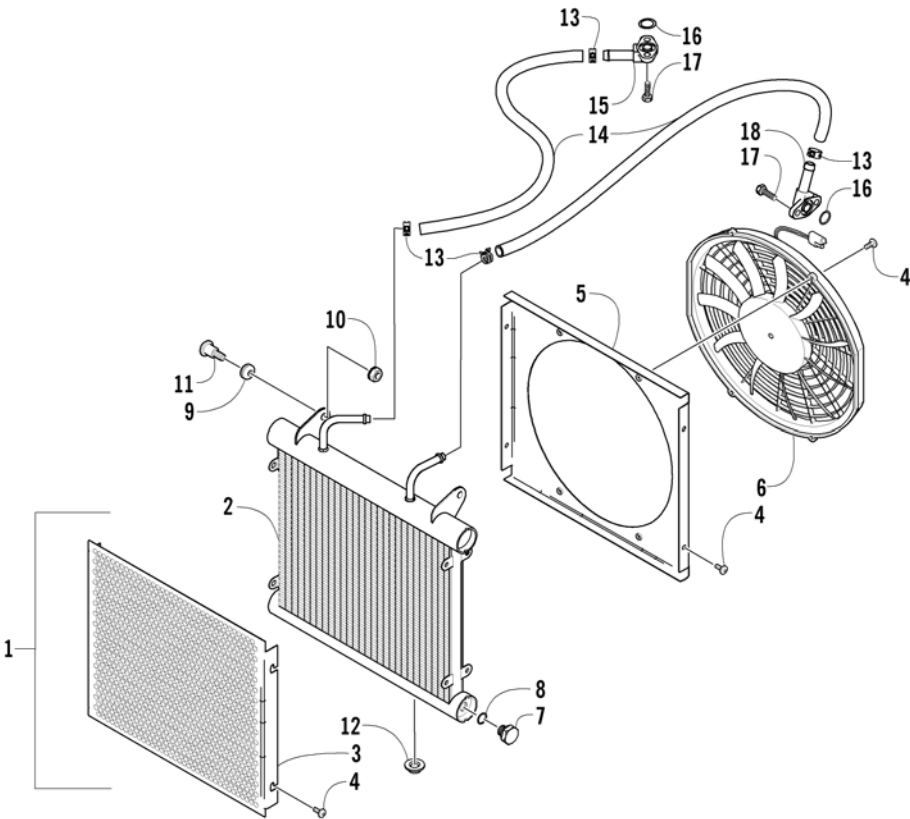
18



ENGINE AND EXHAUST

0740-366

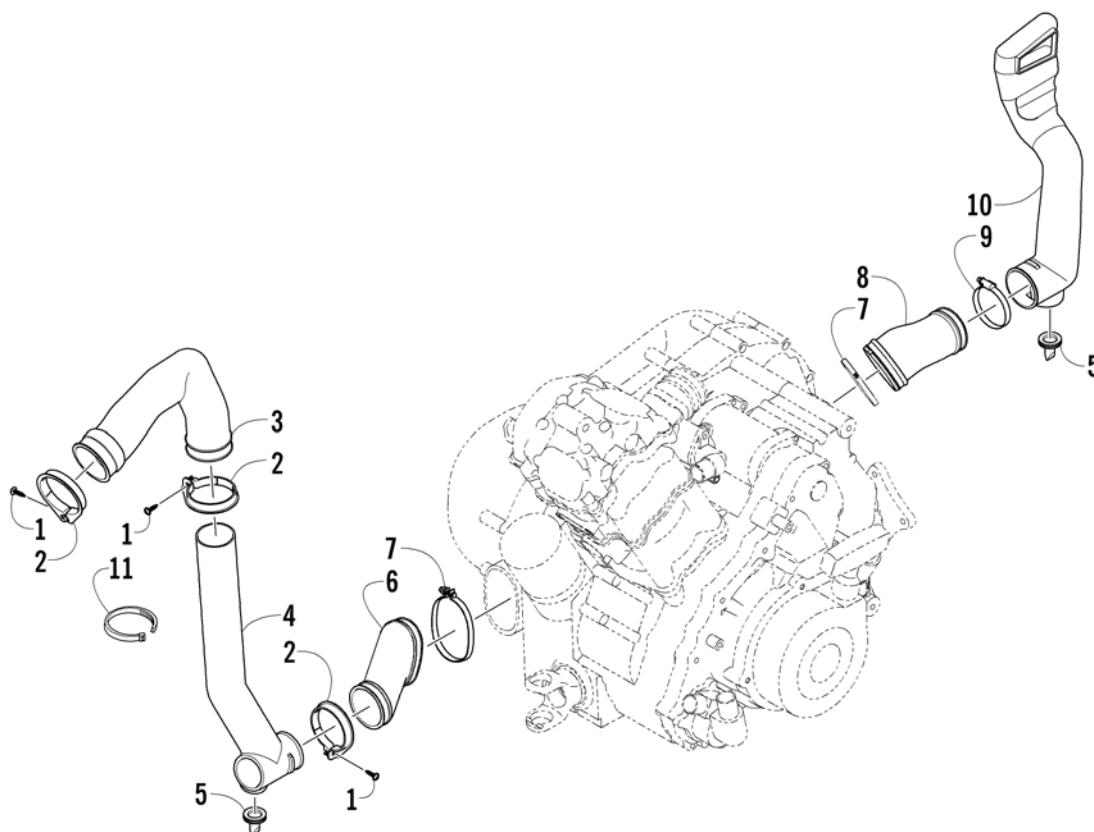
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0462-036	1	Engine	16	<u>0412-341</u>	1	ø Shield, Exhaust Pipe - Inner
2	0423-405	2	Screw, Cap	17	0612-188	1	Gasket, Exhaust - Tailpipe
3	0423-426	4	Washer, Engine	18	0612-668	2	Spring, Extension
4	0423-042	2	Spacer, Engine	19	0412-215	3	Bushing, Exhaust Pipe
5	8428-002	2	Nut, Lock	20	0512-235	1	Muffler Assembly (inc. 21-23)
6	8408-816	2	Screw, Cap	21	<u>0412-313</u>	1	ø Gasket, Spark Arrestor
7	1506-626	1	Bracket, Engine Mount - Right	22	0512-219	1	ø Spark Arrestor Assembly
	1506-625	1	Bracket, Engine Mount - Left	23	8408-616	3	ø Screw, Cap
8	8408-860	1	Screw, Cap	24	<u>0412-329</u>	1	Cover, Muffler
9	8424-802	1	Nut	25	8477-610	4	Screw, Machine
10	0412-007	1	Seal, Exhaust	26	<u>1506-732</u>	1	Channel, Muffler Support
11	8408-820	2	Screw, Cap	27	3402-013	1	Gasket
12	<u>0512-261</u>	1	Pipe, Exhaust - Assembly (inc. 13-16)	28	3430-033	1	Switch, Cooling Fan
13	0423-317	3	ø Hose Clamp	29	3530-037	1	Switch, Oil Light
14	<u>0512-242</u>	1	ø Pipe, Exhaust	30	3402-556	1	Gasket
15	<u>0412-342</u>	1	ø Shield, Exhaust Pipe - Outer	31	AC004-707	1	Exhaust Model 2006



OIL COOLER ASSEMBLY

0740-369

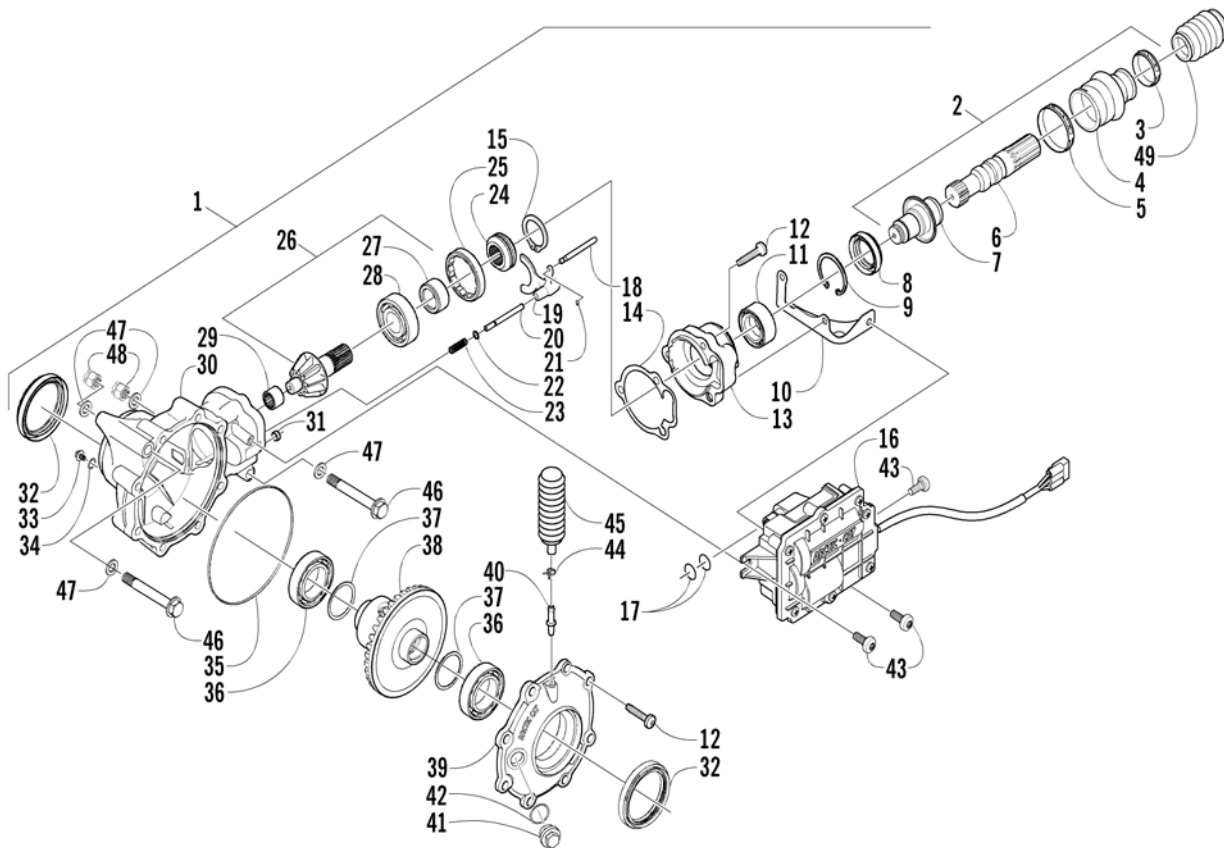
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-118	1	Cooler, Oil - Assembly (inc. 2-9)	10	0623-038	2	Nut w/Washer
2	0413-053	1	ø Cooler, Oil	11	0423-484	2	Screw, Shoulder
3	0413-007	1	ø Screen, Oil Cooler	12	0423-028	2	Bushing, Stem
4	8475-512	12	ø Screw, Machine	13	0423-098	4	Clamp, Hose
5	0413-064	1	ø Shroud, Fan	14	0410-044	2	Hose, Oil
6	0413-044	1	ø Fan, Cooling	15	0410-013	1	Fitting, Oil
7	0413-058	1	ø Plug, Drain	16	0423-089	2	O-Ring, Oil Fitting
8	0413-059	1	ø O-Ring	17	8471-616	4	Screw, Cap
9	0423-030	2	ø Grommet	18	0410-012	1	Fitting, Oil - Angled



CASE/BELT COOLING ASSEMBLY

0740-370

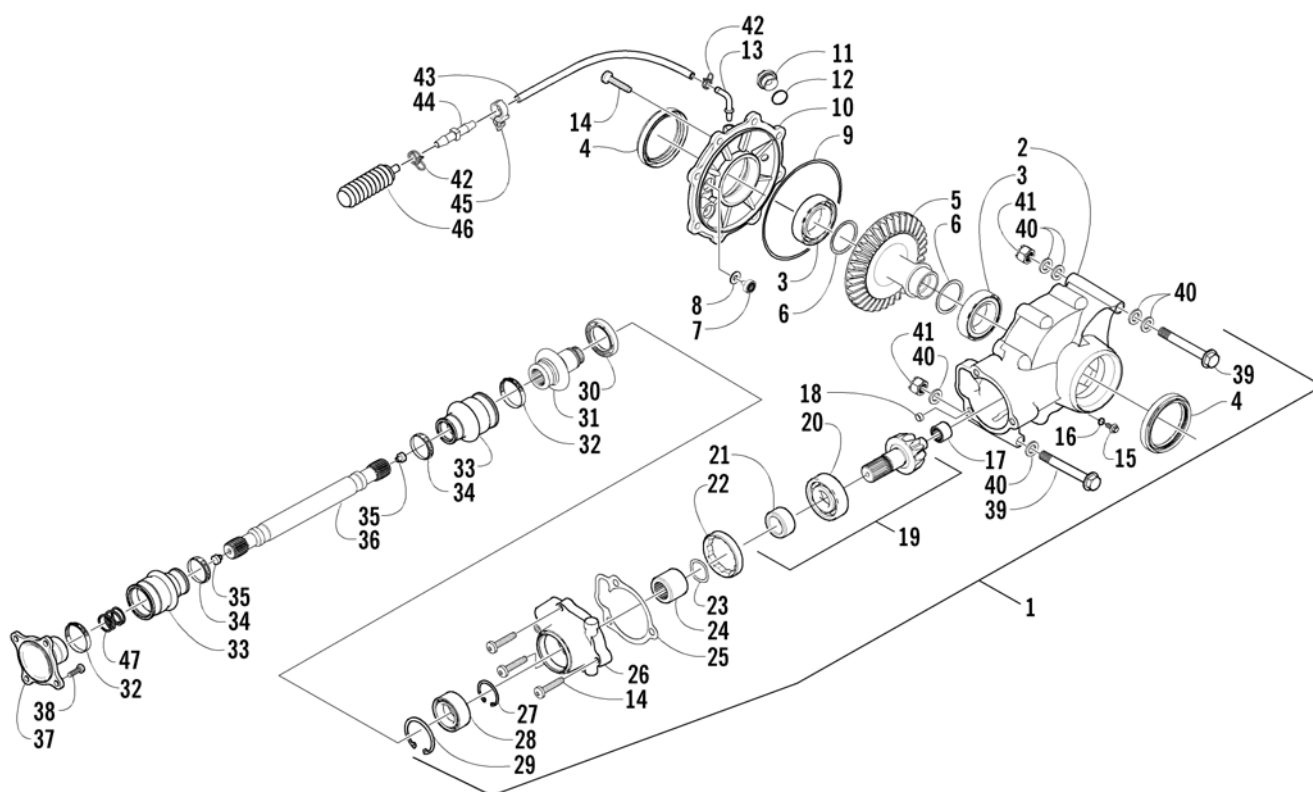
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-342	3	Screw, Self-Tapping	7	3402-449	2	Clamp, Boot
2	0423-551	3	Clamp, Boot	8	0413-060	1	Boot, Duct - Rear
3	0413-081	1	Boot, Air-In	9	0423-380	1	Clamp, Duct
4	0513-010	1	Duct, Belt Cooling - Front	10	0413-094	1	Duct, Belt Cooling - Rear
5	0470-442	2	Valve, Drain	11	0123-903	1	Cable Tie - 11.5 in.
6	0413-048	1	Boot, Duct - Front				



FRONT DRIVE GEARCASE ASSEMBLY

0740-751

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-815	1	Gearcase, Front Drive - Assy (inc. 2-43)	28	0402-327	1	ø ø Bearing
2	0502-386	1	ø Shaft, Propeller - Assembly (inc. 3-7)	29	0402-328	1	ø Bearing
3	0423-411	1	ø ø Clamp, Boot	30	0502-120	1	ø Housing, Gearcase
4	0402-985	1	ø ø Boot, Propeller Shaft	31	0402-411	1	ø Pin, Dowel
5	0423-393	1	ø ø Clamp, Boot	32	0402-394	2	ø Seal
6	1402-046	1	ø ø Shaft, Output	33	0402-450	1	ø Plug, Magnetic (inc. 34)
7	0502-407	1	ø ø Shaft, Input	34	0423-153	1	ø ø O-Ring
8	1402-011	1	ø Seal	35	0423-149	1	ø O-Ring
9	0423-423	1	ø Ring, Retaining	36	0402-393	2	ø Bearing
10	0502-347	1	ø Bracket, Actuator	37	0402-405	AR	ø Shim
11	1402-043	1	ø Bearing		0402-406	AR	ø Shim
12	0423-118	11	ø Screw, Self-Tapping		0402-407	AR	ø Shim
13	0502-528	1	ø Housing, Pinion		0402-408	AR	ø Shim
14	0402-947	1	ø Gasket, Flange		0402-409	AR	ø Shim
15	0423-417	1	ø Ring, Retaining	38	0502-779	1	ø Gear, Ring - 36T
16	0502-296	1	ø Actuator (inc. one No. 17)	39	0502-121	1	ø Cover, Gearcase
17	0423-498	2	ø ø O-Ring	40	1402-104	1	ø Fitting
18	0402-997	1	ø Shaft, Selector	41	0402-333	1	ø Plug, Fill (inc. 42)
19	0402-998	1	ø Fork, Selector	42	0423-154	1	ø ø O-Ring
20	0402-417	1	ø Shaft, Shuttle	43	0423-396	3	ø Screw, Self-Tapping
21	0423-402	1	ø Ring, Retaining	44	0423-315	1	Clamp, Fitting
22	0423-147	1	ø O-Ring	45	0402-147	1	Bladder, Gearcase
23	0402-999	1	ø Spring, Return	46	0423-404	2	Screw, Cap
24	0402-413	1	ø Coupler, Drive	47	0423-426	4	Washer
25	0402-357	1	ø Collar, Lock	48	8428-002	2	Nut, Lock
26	0502-783	1	ø Gear, Pinion - Assembly - 10T (inc. 27-28)	49	0402-966	1	Boot, Shaft
27	0402-336	1	ø ø Collar, Retaining				

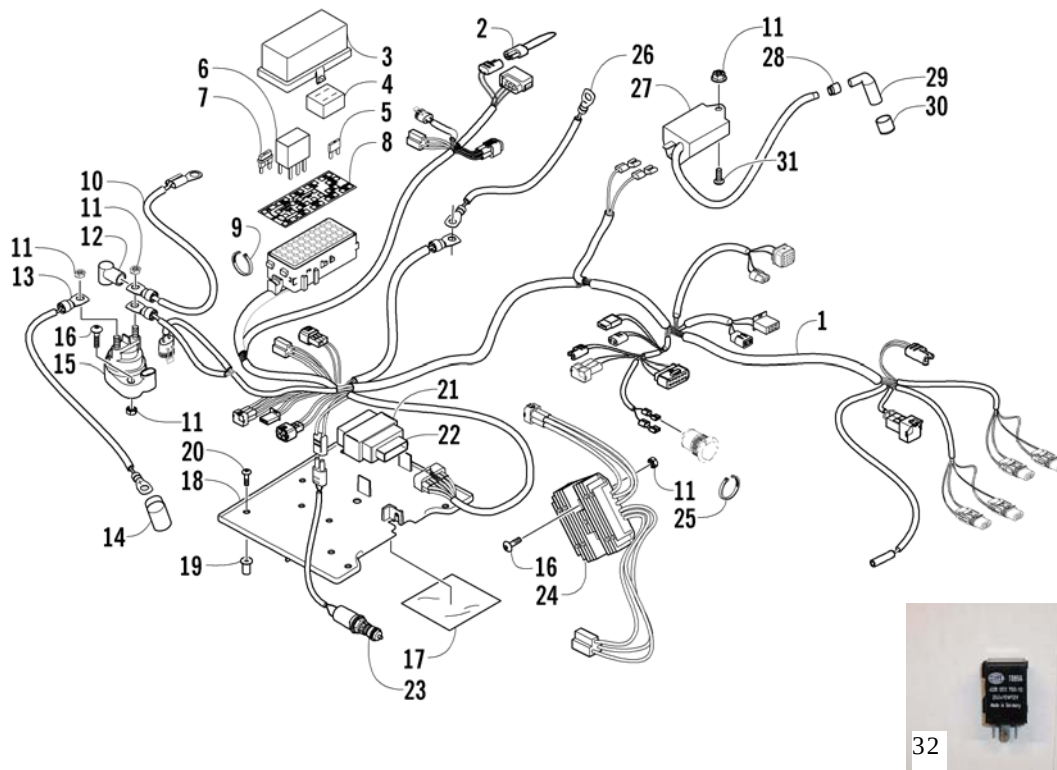


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 0502-642)

0739-580

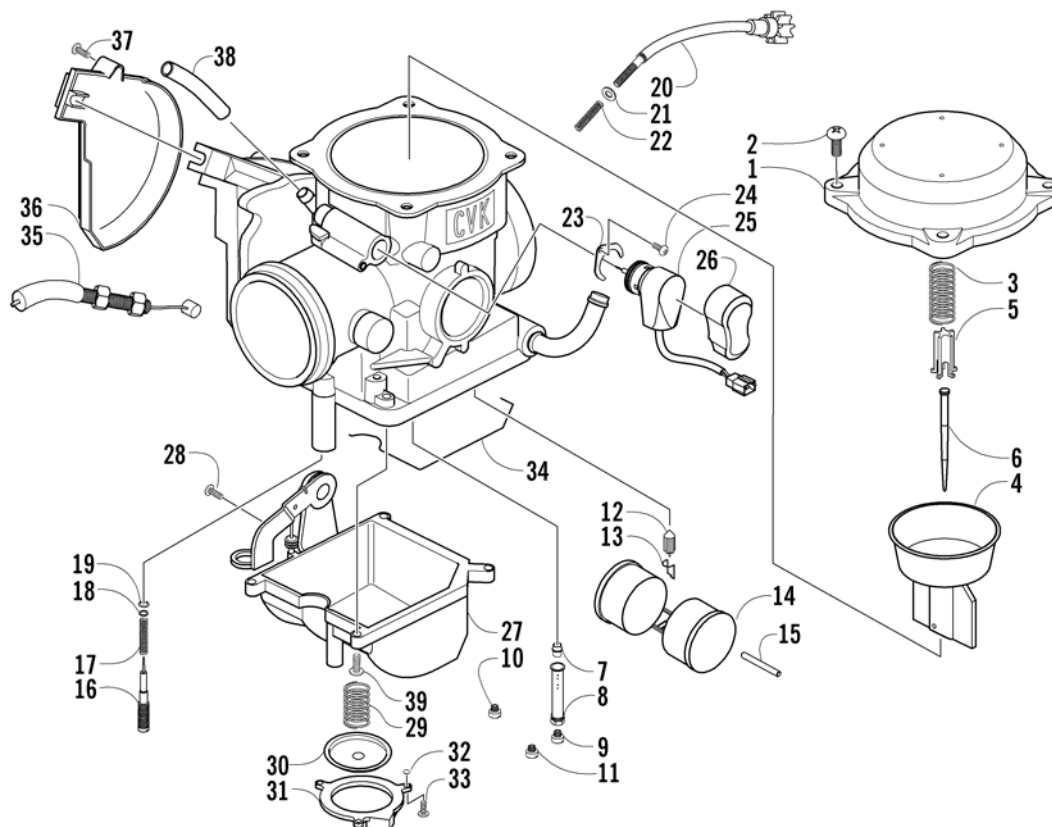
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0502-820</u>	1	Gearcase, Rear Drive - Assembly (inc. 2-31)	20	0402-327	1	ø ø Bearing
2	0502-622	1	ø Housing, Gearcase	21	0402-336	1	ø ø Collar, Retaining
3	0402-393	2	ø Bearing	22	0402-331	1	ø Collar, Lock
4	0402-394	2	ø Seal	23	0402-982	1	ø Washer, Wave
5	1402-032	1	ø Gear, Ring - 36T	24	0402-981	1	ø Collar, Shaft
6	0402-405	AR	ø Shim	25	0402-947	1	ø Gasket, Flange
	0402-406	AR	ø Shim	26	0502-529	1	ø Housing, Pinion
	0402-407	AR	ø Shim	27	0423-417	1	ø Ring, Retaining
	0402-408	AR	ø Shim	28	1402-043	1	ø Bearing
	0402-409	AR	ø Shim	29	0423-423	1	ø Ring, Retaining
7	0402-326	1	ø Button, Thrust	30	1402-011	1	ø Seal
8	0402-429	AR	ø Shim	31	0502-407	1	ø Shaft, Input
	0402-430	AR	ø Shim	32	0423-393	2	Clamp, Boot
	0402-431	AR	ø Shim	33	0402-985	2	Boot
	0402-432	AR	ø Shim	34	0423-411	2	Clamp, Boot
	0402-433	AR	ø Shim	35	0673-618	2	Bumper, Propeller Shaft
9	0423-149	1	ø O-Ring	36	1402-233	1	Shaft, Propeller
10	0502-346	1	ø Cover, Gearcase	37	0402-950	1	Flange, Output
11	0402-333	1	ø Plug, Fill (inc. 12)	38	8408-820	4	Screw, Cap
12	0423-154	1	ø ø O-Ring	39	0423-404	2	Screw, Cap
13	1402-102	1	ø Fitting	40	0423-426	6	Washer
14	0423-118	11	ø Screw, Self-Tapping	41	8428-002	2	Nut, Lock
15	0402-450	1	ø Plug, Magnetic (inc. 16)	42	0423-315	3	Clamp, Fitting
16	0423-153	1	ø ø O-Ring	43	0410-068	AR	Hose, Vent
17	0402-328	1	ø Bearing	44	0470-462	1	Fitting, Vent
18	0402-411	1	ø Pin, Dowel	45	0623-101	1	Clip, Routing - Snap-In
19	0502-783	1	ø Gear, Pinion - Assembly - 10T (inc. 20-21)	46	0402-147	1	Bladder, Gearcase
				47	1402-026	1	Spring



WIRING HARNESS ASSEMBLY

0740-373RR

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-178	1	Harness, Main (inc. 2-8 and two No. 9)	15	0445-036	1	Solenoid
	0486-198	1	Harness, Main Europe 06	16	8476-625	4	Screw, Machine
2	0486-164	1	ø Tether, Accessory Connector	17	0412-291	1	Shield, Heat
3	0530-008	1	ø Cover, Fuse Block	18	1406-787	1	Tray, Electrical
4	0430-037	1	ø Holder, Fuse	19	0123-010	4	Nut, Expansion
5	0430-034	3	ø Diode	20	0623-121	4	Screw, Machine
6	0430-033	3	ø Relay	21	3402-684	1	Cushion, CDI Unit
7	0430-032	4	ø Fuse - 10 Amp	22	3402-683	1	CDI Unit
	0430-031	3	ø Fuse - 15 Amp	23	0409-072	1	Switch, Brake - Assembly
	0430-030	2	ø Fuse - 30 Amp	24	3402-682	1	Regulator, Voltage
8	0411-828	1	ø Decal, Fuse Block	25	0123-903	AR	Cable Tie - 11.5 in.
9	0123-788	AR	ø Cable Tie - 7.5 in.	26	0445-054	1	Cable, Battery/Ground
10	0445-053	1	Cable, Solenoid/Starter (inc. 11)	27	3430-055	1	Coil, Ignition - Assembly
	0445-053	1	Cable, Solenoid/Starter Europe	28	3430-009	1	Seal, High Tension Wire
11	0645-019	1	ø Boot, Terminal	29	3430-007	1	Cap, Spark Plug
12	0645-327	1	ø Boot, Terminal	30	3430-008	1	Seal, Spark Plug
13	0445-055	1	Cable, Battery/Solenoid	31	8476-620	1	Screw, Machine
	0445-055	1	Cable, Battery/Relay Europe	32	0430-049	1	Flasher, Turn Signal
14	0623-038	7	Nut w/Washer				

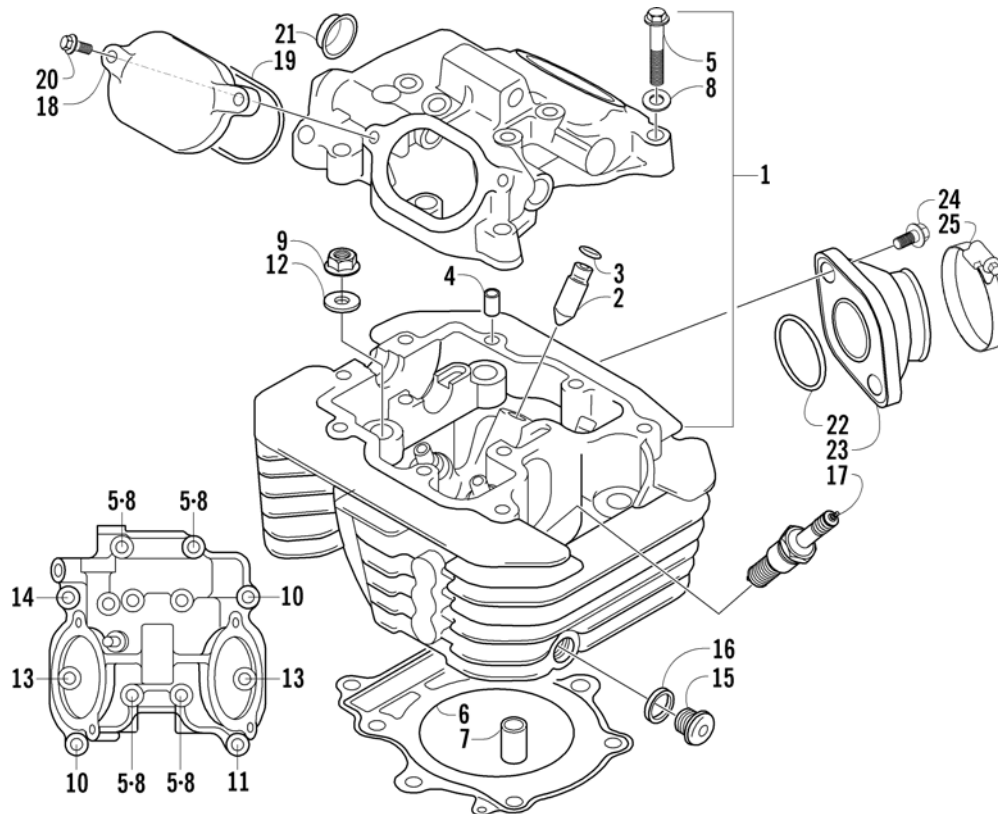


CARBURETOR

(Complete Assembly p/n 0470-646)

0740-480 *Not a Service Part **Optional

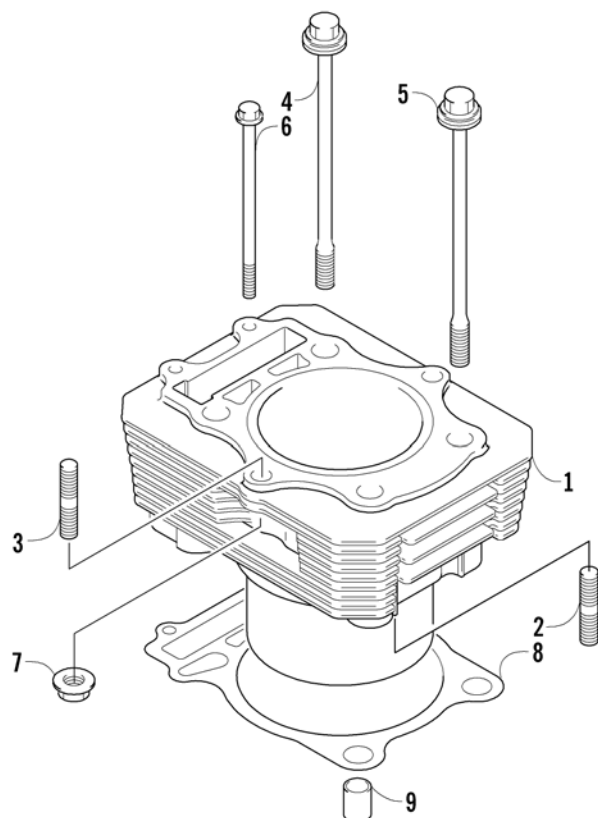
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-001	1	Cover, Top	19	*	1	Ø O-Ring
2	5507-002	4	Screw, Top Cover	20	5507-027	1	Screw, Idle Adjust
3	5507-173	1	Spring	21	5507-028	1	Washer
4	5507-109	1	Piston, Vacuum	22	5507-029	1	Spring
5	5507-005	1	Seat, Spring	23	5507-115	1	Plate
6	5507-110	1	Jet Needle	24	5507-117	1	Screw
7	5507-007	1	Needle Jet	25	5507-180	1	Choke, Electric
8	5507-174	1	Holder, Needle Jet	26	5507-114	1	Cover, Electric Choke
9	5507-042	1	Main Jet - 145	27	5507-181	1	Chamber, Float - Assembly (inc. 28-34)
	5507-009	1	Main Jet - 150**	28	5507-050	1	Ø Screw, Drain
	5507-041	1	Main Jet - 147**	29	5507-032	1	Ø Spring
	5507-043	1	Main Jet - 142**	30	5507-182	1	Ø Diaphragm Assembly
	5507-044	1	Main Jet - 140**	31	*	1	Ø Housing, Pump
10	5507-010	1	Slow Jet - 38	32	5507-034	1	Ø U-Ring
11	5507-179	1	Starter Jet - 75	33	5507-035	3	Ø Screw
12	5507-183	1	Valve, Float - Set (inc. 13)	34	5507-207	1	Ø O-Ring, Float Chamber
13	*	1	Ø Clip	35	0487-021	1	Cable, Throttle
14	5507-039	1	Float Set (inc. 15)	36	5507-036	1	Cover
15	*	1	Ø Pin, Float	37	5507-037	1	Screw
16	5507-111	1	Screw, Pilot Air - Set (inc. 17-19)	38	0410-056	1	Hose, Vent
17	*	1	Ø Spring	39	5507-017	4	Screw
18	*	1	Ø Washer				



CYLINDER HEAD ASSEMBLY

0738-883 *Not Illustrated

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-576	1	Head, Cylinder - Assembly (inc. 2-5)	14	3008-376	1	Bolt, Head Cover
2	3402-099	4	ø Guide, Valve	15	3423-453	1	Plug, Oil Gallery
3	3423-068	4	ø Ring, Valve Guide	16	3402-011	1	Gasket, Oil Gallery Plug
4	3423-043	2	ø Pin, Dowel	17	0217-708	1	Spark Plug (NGK CR7E)
5	3423-006	4	ø Bolt	18	3402-100	2	Cap, Inspection
6	3402-577	1	Gasket, Cylinder Head	19	3402-101	2	O-Ring
7	3423-449	2	Pin, Dowel	20	3004-341	4	Bolt, Inspection Cap
8	3003-290	4	Gasket	21	3402-035	1	Plug, Head
9	3004-326	2	Nut, Cylinder Head	22	0470-531	1	O-Ring
10	3423-007	2	Bolt, Head Cover	23	0570-084	1	Manifold, Intake
11	3423-429	1	Bolt, Head Cover	24	8476-620	2	Screw
12	3423-439	4	Washer, Cylinder Head Nut	25	0423-317	1	Clamp
13	3004-376	2	Bolt, Head Cover	*	3402-048	1	Plug, Frost

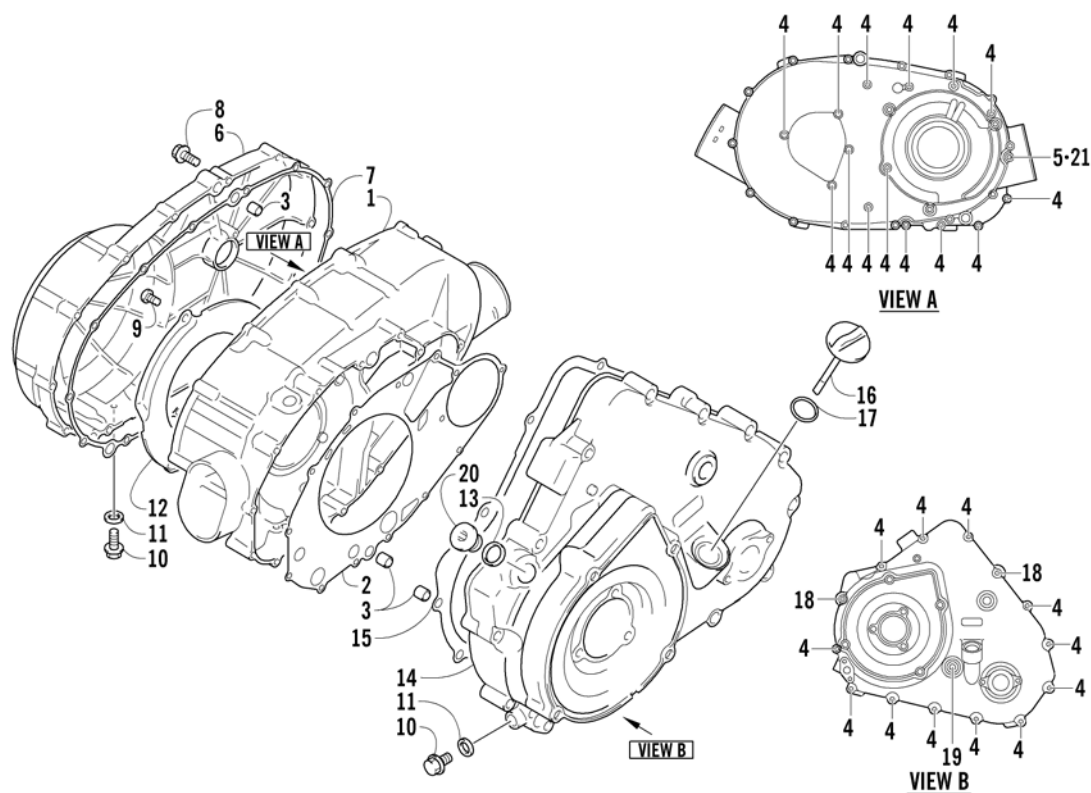


CYLINDER ASSEMBLY

0737-039

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-578	1	Cylinder	6	3423-427	2	Bolt
2	3423-384	2	Bolt, Stud	7	3004-488	2	Nut
3	3004-778	2	Bolt, Stud	8	3402-579	1	Gasket, Cylinder
4	3423-431	2	Bolt	9	3423-088	2	Pin, Dowel
5	3423-432	2	Bolt				

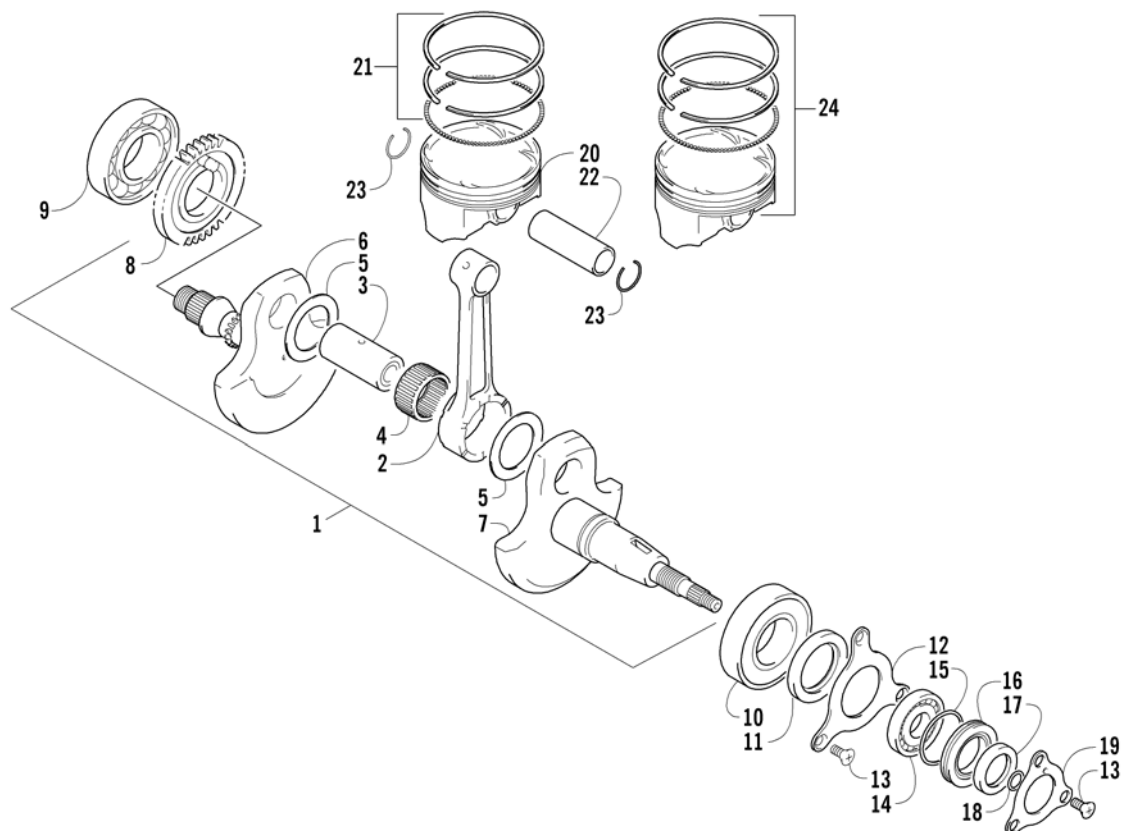
28



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0740-246

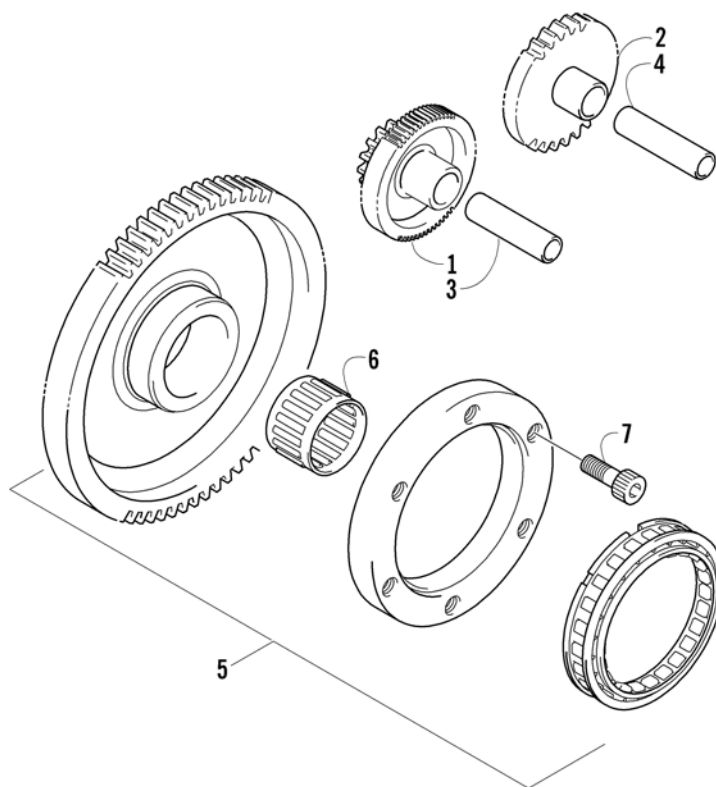
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-583	1	Cover, Clutch	12	3402-996	1	Plate, Air Intake
2	3402-589	1	Gasket	13	3402-013	1	Gasket
3	3423-088	6	Pin, Dowel	14	3402-585	1	Cover, Magneto
4	3423-098	26	Bolt	15	3402-590	1	Gasket, Magneto Cover
5	3423-392	1	Bolt	16	3402-593	1	Stick, Oil Level
6	3402-586	1	Cover, V-Belt	17	3423-055	1	O-Ring, Oil Level Stick
7	3402-591	1	Gasket, V-Belt Cover	18	3423-307	2	Bolt
8	0693-327	14	Bolt	19	3423-430	1	Bolt
9	3004-552	3	Screw	20	3423-180	1	Plug
10	3004-705	2	Plug, Drain	21	3003-290	1	Gasket
11	3402-444	2	Gasket, Drain Plug				



CRANKSHAFT ASSEMBLY

0740-242 *Optional

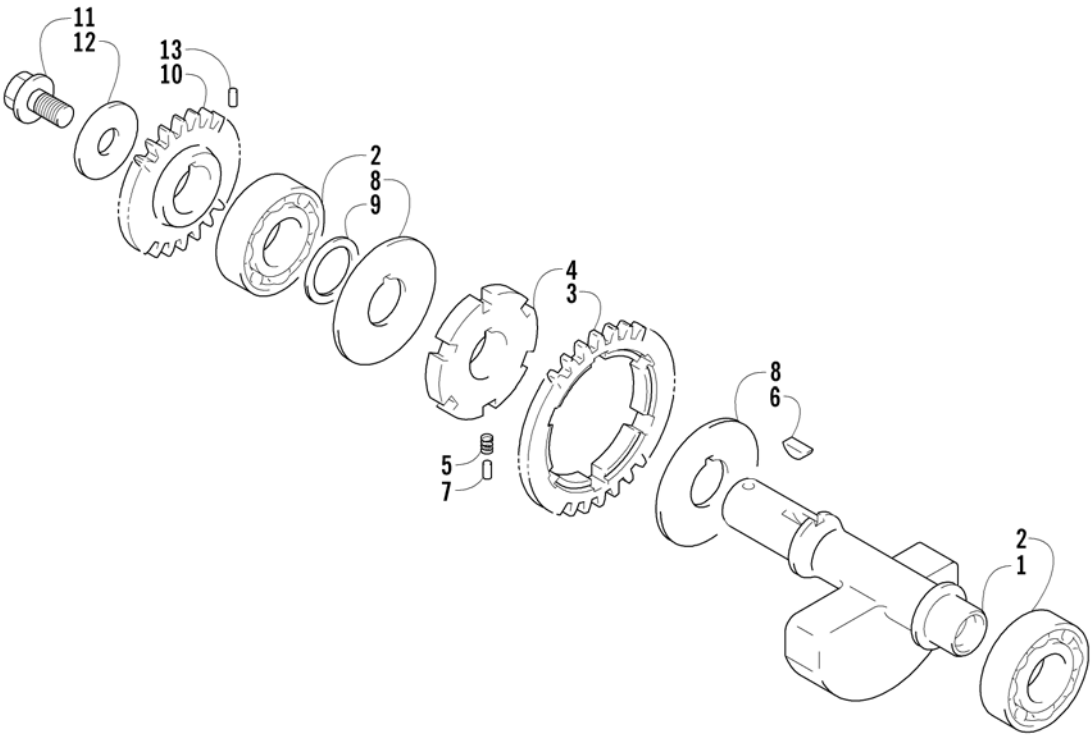
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3403-009	1	Crankshaft Assembly (inc. 2-8)	13	3423-018	6	Screw, Retainer
2	3402-597	1	ø Rod, Connecting	14	3402-051	1	Bearing
3	3402-599	1	ø Pin, Crank	15	3423-063	1	O-Ring
4	3402-571	1	ø Bearing	16	3423-542	1	Spacer
5	3423-440	2	ø Washer	17	3402-070	1	Seal, Oil
6	3403-014	1	ø Crankshaft - Right	18	3423-053	1	O-Ring
7	3402-601	1	ø Crankshaft - Left	19	3402-188	1	Retainer, Crankshaft Oil Seal - Left
8	3402-698	1	ø Gear, Crank Balancer Drive	20	3402-594	1	Piston
9	3402-055	1	Bearing - Right	21	3402-595	1	Ring, Piston - Set
10	3402-566	1	Bearing - Middle	22	3402-596	1	Pin, Piston
11	3402-573	1	Seal, Crankshaft Oil	23	3003-439	2	Circlip
12	3402-602	1	Retainer, Crankshaft Oil Seal - Middle	24	3436-015	1	Piston Set (Oversized 0.50 mm)*



STARTER CLUTCH ASSEMBLY

0737-043

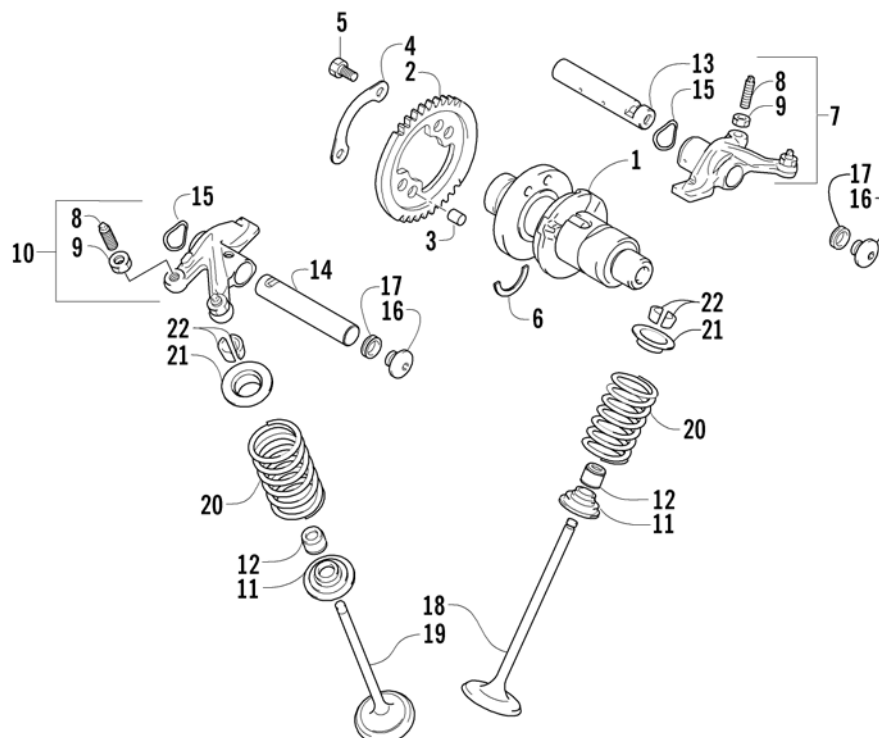
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-603	1	Gear, Starter Idler - No. 1	5	3402-690	1	Clutch, Starter - Set (inc. 6)
2	3402-124	1	Gear, Starter Idler - No. 2	6	3402-674	1	ø Bearing
3	3423-331	1	Pin, Starter Idler Gear No. 1	7	3423-102	6	Bolt
4	3423-397	1	Pin, Starter Idler Gear No. 2				



CRANK BALANCER ASSEMBLY

0737-050

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-605	1	Balancer, Crank	8	3423-441	2	Washer, Driven Gear
2	3402-553	2	Bearing	9	3423-446	1	Washer
3	3402-772	1	Gear, Driven	10	3402-617	1	Gear, Oil Pump Drive
4	3402-608	1	Race, Driven Gear	11	3423-555	1	Bolt, Drive Gear
5	3402-090	2	Spring, Driven Gear	12	3423-401	1	Washer, Drive Gear
6	3004-540	1	Key	13	3423-110	1	Pin, Drive Gear
7	3423-106	3	Pin, Driven Gear				

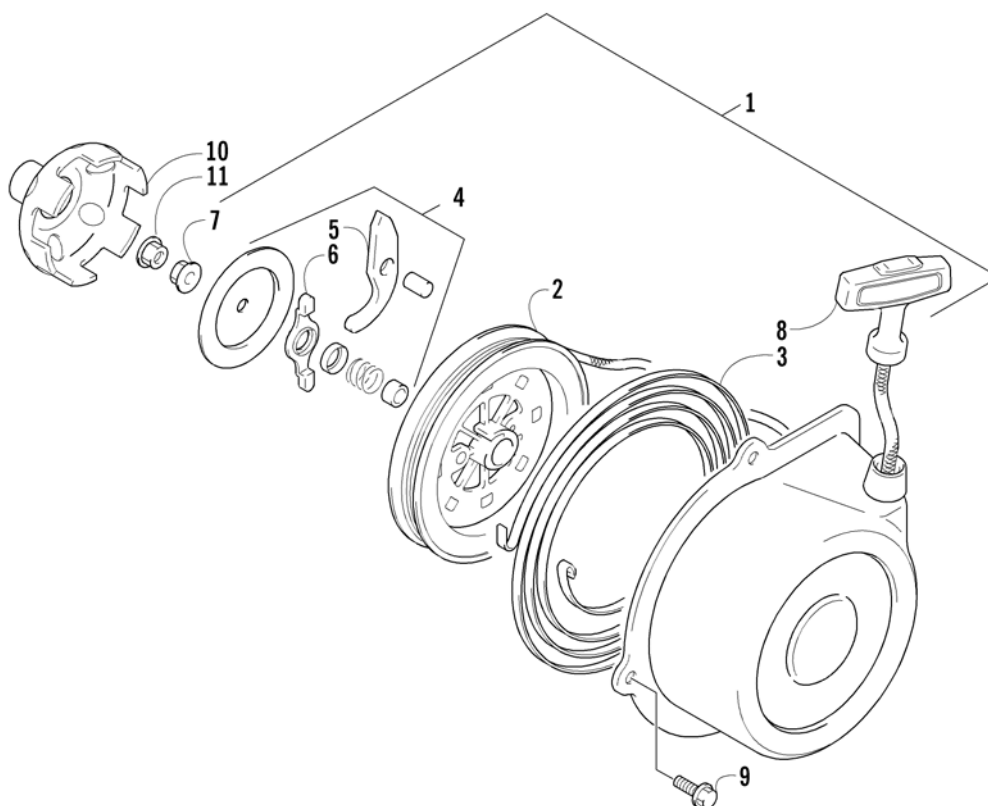


CAMSHAFT/VALVE ASSEMBLY

0739-847

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-989	1	Camshaft	11	3402-148	4	Seat, Spring
2	3402-611	1	Sprocket	12	3402-078	4	Seal, Oil
3	3423-047	1	Pin	13	3402-140	1	Shaft, Rocker Arm
4	3423-073	1	Washer	14	3402-141	1	Shaft, Rocker Arm
5	3423-013	2	Bolt	15	3423-031	2	Washer
6	3423-071	1	C-Ring	16	3402-040	2	Plug, Shaft
7	3402-805	1	Arm, Valve Rocker - Intake (inc. two No. 8-9)	17	3402-012	2	Gasket
8	3423-075	4	ø Screw	18	3402-725	2	Valve, Intake
9	3423-076	4	ø Nut	19	3402-143	2	Valve, Exhaust
10	3402-139	1	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)	20	3402-726	4	Spring, Valve
				21	3423-541	4	Retainer, Spring
				22	3402-147	8	Cotter, Valve

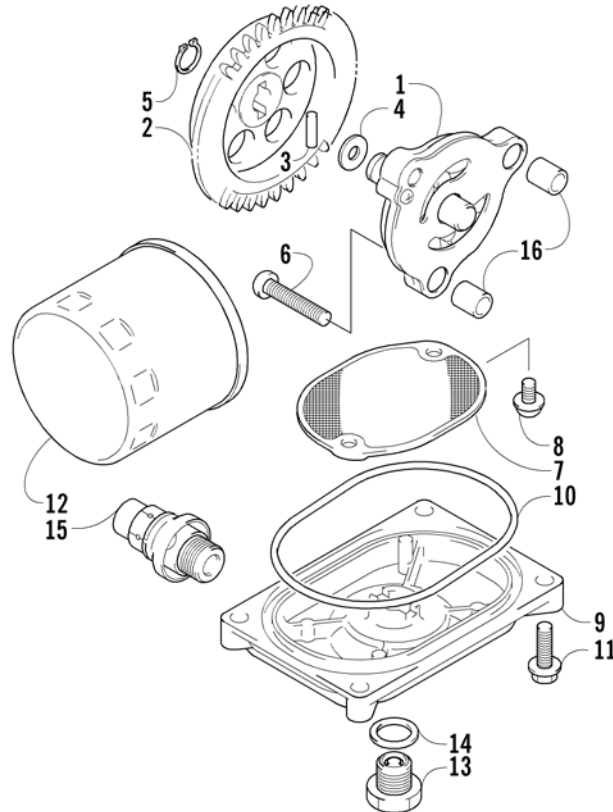
34



RECOIL STARTER ASSEMBLY

0737-034

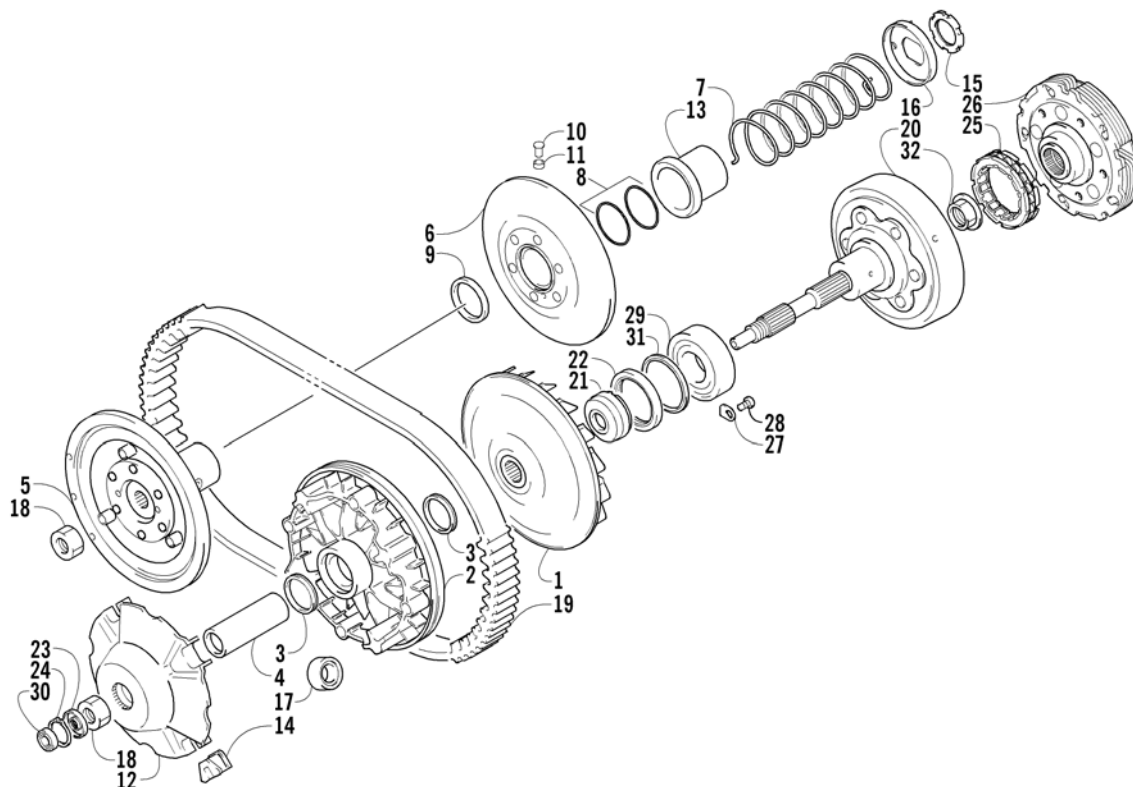
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3445-003	1	Starter, Recoil - Assembly (inc. 2-8)	7	3004-488	1	ø Nut
2	3445-004	1	ø Reel	8	3445-011	1	ø Rope Assembly
3	3445-007	1	ø Spring, Spiral	9	3423-428	4	Screw, Cap
4	3445-016	1	ø Ratchet - Assembly (inc. 5-6)	10	3445-029	1	Cup, Starter
5	3445-005	1	ø ø Ratchet	11	3004-491	1	Nut
6	3445-006	1	ø ø Guide, Ratchet				



OIL FILTER/PUMP ASSEMBLY

0737-035

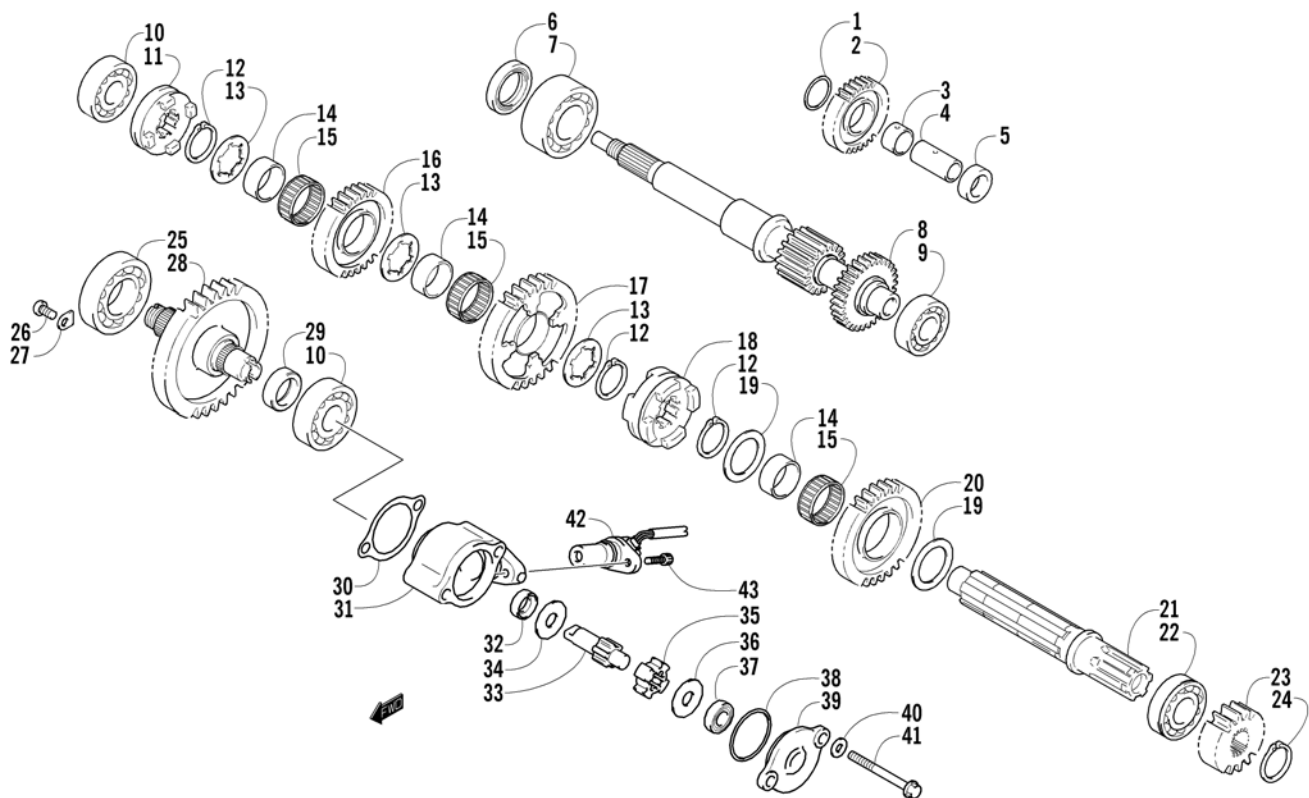
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-619	1	Pump, Oil	9	3402-157	1	Cap, Oil Strainer
2	3402-618	1	Gear, Driven	10	3423-077	1	O-Ring
3	3423-046	1	Pin	11	3004-756	4	Screw, Cap
4	3423-443	1	Washer	12	0812-005	1	Filter, Oil
5	3423-184	1	Circlip	13	3403-021	1	Plug, Drain
6	3423-113	3	Screw	14	3402-012	1	Gasket, Drain Plug
7	3402-156	1	Strainer, Oil	15	3402-773	1	Valve, Oil Relief - Assembly
8	0693-389	2	Screw	16	3005-206	2	Pin, Oil Pump



TRANSMISSION ASSEMBLY

0737-052

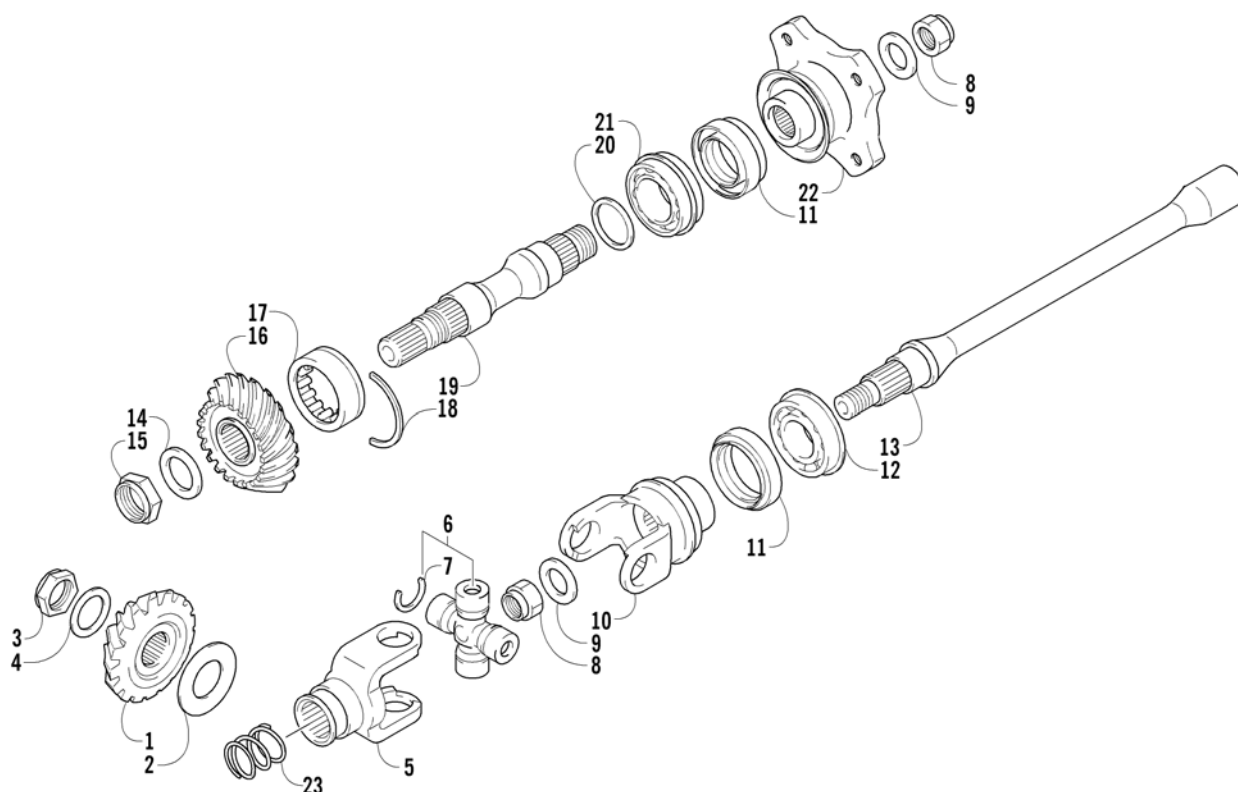
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-622	1	Face, Fixed Drive	17	3402-633	8	Roller, Movable Drive Face
2	3402-623	1	Face, Movable Drive	18	3423-437	2	Nut
3	3402-624	2	Seal, Movable Drive Face	19	3402-664	1	V-Belt
4	3402-625	1	Spacer, Movable Drive Face	20	3402-620	1	Housing, Clutch
5	3402-626	1	Face, Fixed Driven	21	3402-621	1	Spacer, Fixed Drive Face
6	3402-627	1	Face, Movable Driven	22	3402-977	1	Seal, Clutch Housing
7	3423-486	1	Spring, Movable Driven Face	23	3402-574	1	Seal, Clutch Housing
8	3423-487	2	O-Ring, Movable Driven Face	24	3423-505	1	Circlip
9	3402-629	2	Seal, Movable Driven Face	25	3446-003	1	Clutch, One Way
10	3402-477	3	Pin, Movable Driven Face	26	3446-354	1	Shoe, Clutch - Assembly
11	3402-478	3	Spacer, Movable Driven Face	27	3446-031	2	Retainer, Bearing
12	3402-630	1	Plate, Movable Drive Face	28	3423-435	2	Screw, Bearing Retainer
13	3402-631	1	Sleeve, Movable Driven Face	29	3402-567	1	Bearing
14	3402-481	4	Damper, Movable Drive Face	30	3402-693	1	Bearing
15	3423-489	1	Nut, Driven Pulley	31	3423-353	1	O-Ring
16	3402-632	1	Holder, Movable Driven Face Spring	32	3423-501	1	Nut



SECONDARY TRANSMISSION ASSEMBLY

0739-848

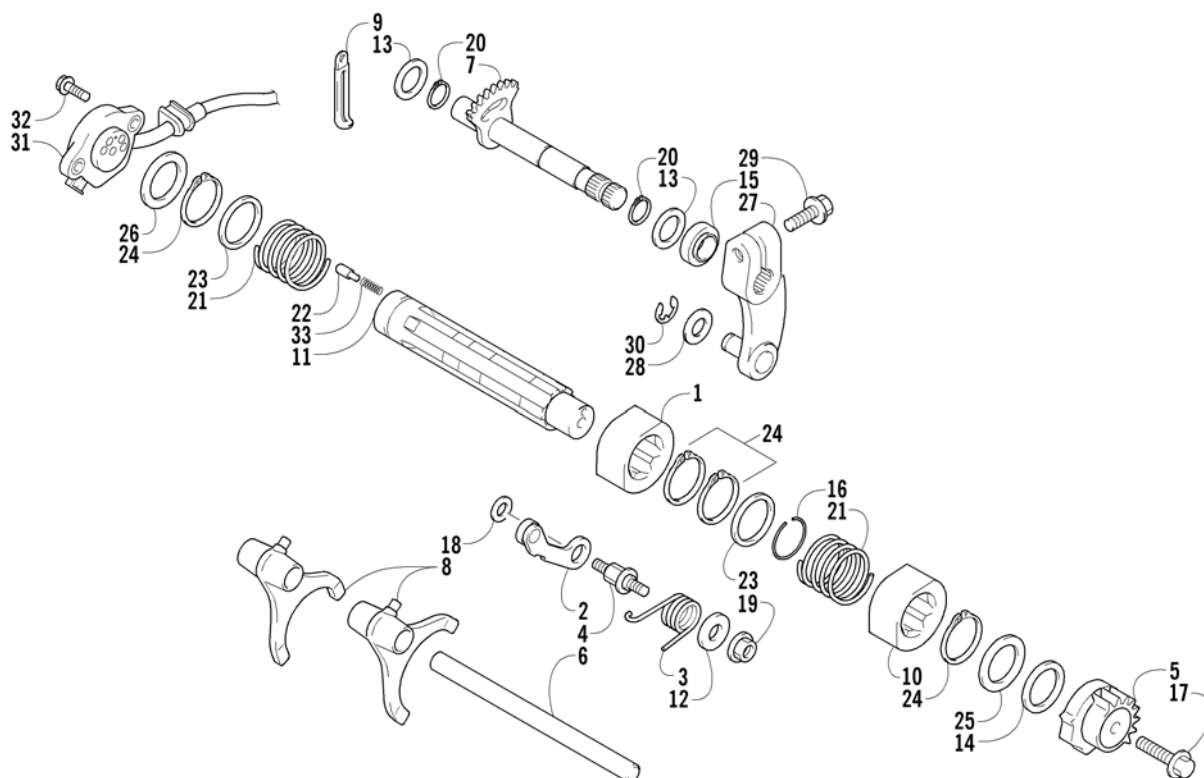
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-195	2	Washer, Reverse Idle Gear	23	3402-669	1	Gear, Drive - No. 2
2	3402-503	1	Gear, Reverse Idle	24	3423-191	1	Circlip
3	3446-103	1	Bushing, Reverse Idle Gear	25	3402-055	1	Bearing, Output Shaft
4	3402-634	1	Shaft, Reverse Idle	26	3423-370	2	Screw, Bearing Retainer
5	3423-442	1	Spacer, Reverse Idle Gear	27	3446-031	2	Retainer, Bearing
6	3402-537	1	Seal, Driveshaft	28	3402-666	1	Shaft, Output
7	3402-499	1	Bearing, Driveshaft	29	3423-494	1	Spacer, Output Shaft
8	3402-665	1	Driveshaft	30	3446-244	1	Gasket, Housing
9	3003-261	1	Bearing, Driveshaft - Left	31	3446-400	1	Housing, Speedometer Sensor
10	3402-045	2	Bearing, Shaft	32	3006-322	1	Seal, Shaft
11	3402-636	1	Dog, Reverse Driven Gear	33	3446-402	1	Shaft, Output
12	3423-066	3	Circlip	34	3423-617	1	Washer
13	3423-263	3	Washer	35	3402-837	1	Rotor
14	3402-494	3	Bushing	36	3423-767	1	Washer
15	3402-498	3	Bearing	37	3402-980	1	Bearing
16	3402-635	1	Gear, Reverse Driven	38	3423-766	1	O-Ring
17	3402-668	1	Gear, Driven - Low	39	3446-401	1	Cover, Speedometer Sensor Housing
18	3402-496	1	Dog, Sliding	40	3003-290	2	Gasket
19	3423-448	2	Washer	41	3423-307	2	Bolt
20	3402-495	1	Gear, Driven - High	42	3402-981	1	Sensor, Speedometer
21	3402-667	1	Countershaft	43	3423-226	1	Bolt
22	3004-209	1	Bearing, Shaft				



SECONDARY DRIVE ASSEMBLY

0740-752

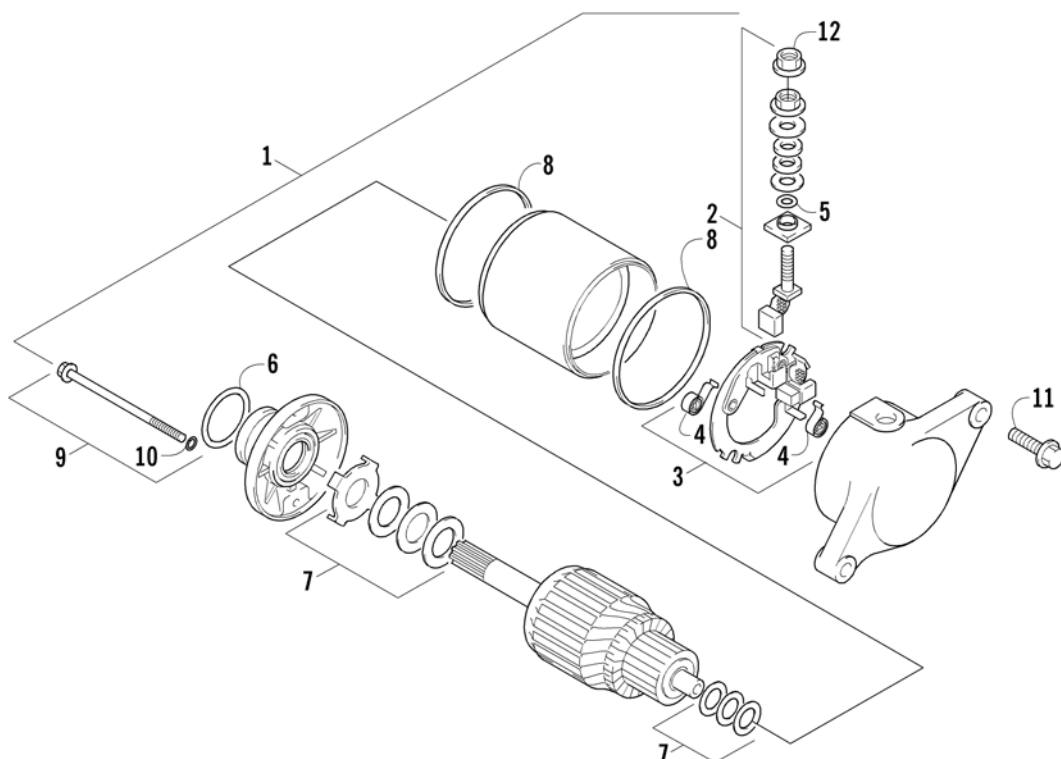
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-637	1	Gear, Secondary Drive	19	3402-639	1	Shaft, Secondary Driven - Rear
2	3446-035	1	Shim, Secondary Drive Gear - Set	20	3402-017	AR	Shim, 25 x 34 x 0.60 mm
3	3423-023	1	Nut		3402-018	AR	Shim, 25 x 34 x 0.65 mm
4	3005-372	1	Washer		3402-019	AR	Shim, 25 x 34 x 0.70 mm
5	3446-327	1	Yoke, Propeller Shaft		3402-020	AR	Shim, 25 x 34 x 0.75 mm
6	3402-562	1	Joint, Universal - Set (inc. 7)		3402-021	AR	Shim, 25 x 34 x 0.80 mm
7	3423-479	4	Ø Circlip		3402-022	AR	Shim, 25 x 34 x 0.85 mm
8	3423-025	2	Nut		3402-023	AR	Shim, 25 x 34 x 0.90 mm
9	3423-028	1	Washer		3402-024	AR	Shim, 25 x 34 x 0.95 mm
10	3402-742	1	Yoke, Drive Output - Front		3402-025	AR	Shim, 25 x 34 x 1.00 mm
11	3402-072	2	Seal, Oil		3402-028	AR	Shim, 25 x 34 x 1.05 mm
12	3402-558	1	Bearing, Front Secondary Driven Shaft		3402-029	AR	Shim, 25 x 34 x 1.10 mm
13	3402-694	1	Shaft, Secondary Driven - Front		3402-030	AR	Shim, 25 x 34 x 1.15 mm
14	3423-137	1	Washer, Secondary Driven Gear		3402-031	AR	Shim, 25 x 34 x 1.20 mm
15	3423-136	1	Nut, Secondary Driven Gear	21	3402-067	1	Bearing, Rear Secondary Driven Shaft
16	3402-638	1	Gear, Secondary Driven	22	3402-514	1	Flange, Output Joint - Rear
17	3402-515	1	Bearing, Driven Gear	23	1402-026	1	Spring
18	3423-072	1	C-Ring, Driven Bearing				



GEAR SHIFTING ASSEMBLY

0737-055

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3402-640	1	Cam, Reverse	18	3423-141	1	Washer, Cam Stopper
2	3446-043	1	Stopper, Cam	19	3004-488	1	Nut, Cam Stopper Spring
3	3446-283	1	Spring, Cam Stopper	20	3423-358	2	Circlip, Sub-Gear Shift Shaft
4	3446-048	1	Support, Cam Stopper	21	3446-280	2	Spring, Cam
5	3402-642	1	Plate, Gear Shift Cam	22	3423-044	2	Contact
6	3402-643	1	Shaft, Shift Fork	23	3402-382	2	Washer, Cam Spring
7	3402-644	1	Shaft, Sub-Gear Shift	24	3423-191	4	Circlip, Cam Spring
8	3446-073	2	Fork, Shift	25	3402-195	1	Washer, Shift Shaft
9	3004-787	1	Clamp, Wire	26	3423-421	1	Washer, Shift Shaft
10	3402-670	1	Cam, Gear Shift	27	3402-434	1	Arm, Select
11	3446-281	1	Shaft, Gear Shift	28	3423-204	1	Washer, Select Arm
12	3423-438	1	Washer, Cam Stopper Spring	29	3004-341	1	Bolt, Select Arm
13	1691-043	2	Washer, Sub-Gear Shift Shaft	30	3423-153	1	E-Ring
14	3423-446	1	Washer, Gear Shift Cam Plate	31	3402-997	1	Base, Gear Shift - Assembly
15	3402-076	1	Seal, Sub-Gear Shift Shaft	32	3423-418	2	Bolt
16	3423-416	1	C-Ring, Cam	33	3402-087	2	Spring
17	3004-376	1	Bolt, Gear Shift Cam Plate				

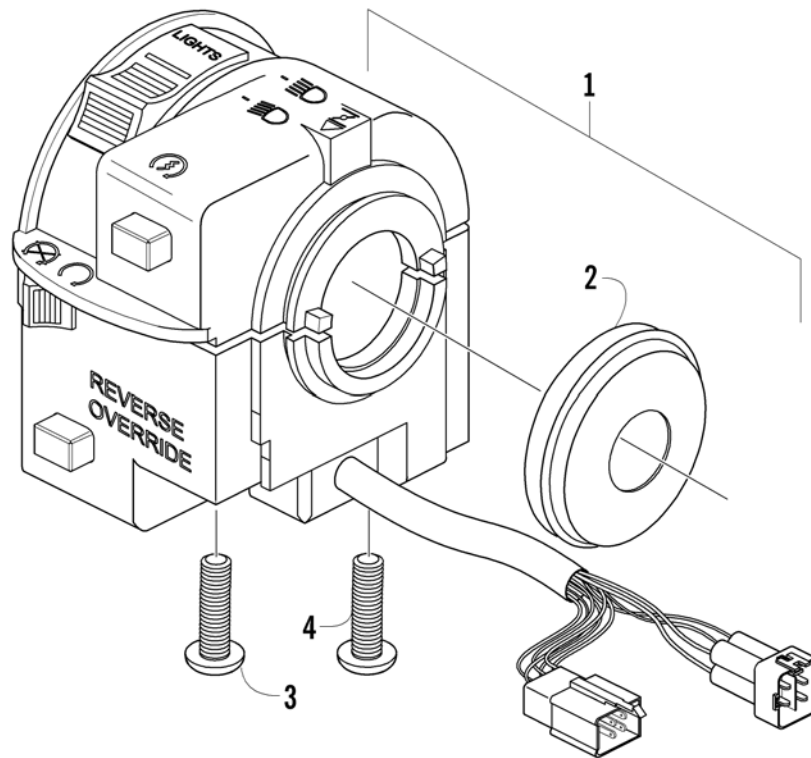


STARTER MOTOR ASSEMBLY

0737-056

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3545-016	1	Motor, Starter - Assembly (inc. 2-10)	7	3008-099	1	ø Washer Set
2	3402-671	1	ø Terminal Set, Brush	8	3423-497	2	ø O-Ring
3	3402-672	1	ø Holder Set, Brush (inc. 4)	9	3423-498	2	ø Through-Bolt (inc. 10)
4	3008-551	4	ø ø Spring, Brush	10	3423-496	2	ø ø O-Ring
5	3008-164	1	ø O-Ring	11	3004-756	2	Bolt
6	3423-272	1	ø O-Ring	12	3423-195	1	Nut

42



CONTROL SWITCH HOUSING ASSEMBLY

0738-459

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-014	1	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				

44

RELATED ITEMS

2007 ATV 400 FIS Automatic Transmission - Revised

0436-479	Articulating Spool Mount	0436-639	Ice Auger Holder
0436-548	Articulating Spool Receiver Mount Adapter	0436-787	License Plate Kit
0436-679	Bag, Fender - Black	0436-463	Light Bar
0436-660	Bag, Rack, Front - Black	0436-635	Plow Attachment Kit
0436-802	Bag, Rack, Rear - Black	0436-228	Plow Blade, 50 in. - Straight
0436-480	Bar, Utility/Gun Rack	0436-287	Plow Blade, 50 in. - One-Way
0436-811	Basket, Open-End	0436-296	Plow Blade, 60 in. - Straight
0436-464	Camp Stove Cradle	0436-360	Plow Blade, 60 in. - One-Way
0436-454	Cargo Box	0436-822	Plow Blade, Carbon Fiber - 60 in. - Straight
0436-625	Cargo Box Quick-Release Kit	0436-823	Plow Blade, Carbon Fiber - 60 in. - One-Way
0436-459	Carryall (9 x 12)	0436-636	Plow, Push Frame
0436-460	Carryall (11 x 17)	0436-626	Rack Basket
0436-652	Carryall (14 x 27)	0436-762	Rack Extension, 4 in. (Front)
0436-476	Chain Saw Lock	0436-763	Rack Extension, 8 in. (Rear)
0436-777	Cover, Black and Green	0436-629	Rapid Blind (Break-Up)
0436-668	Cover, Timber Camo	0436-630	Rapid Blind (Shadow Grass)
0436-776	Cover, Trailerable	0436-628	Rapid Shack (Blue Ice)
0436-005	Engine Oil - 10W40	0436-511	Rod Holder - Adjustable
0436-003	Engine Oil - 5W30	0436-624	Sprayer System
0436-466	Fender Box	0436-741	Sprayer Boom (120 in.)
0436-538	Gear Cradle	1402-028	Tire, Titan AT589 (25x8-12, Mud & Snow)
0436-007	Gear Lube (Diff) - 80W90	0402-563	Tire, Titan AT589 (25x10-12, Mud & Snow)
0436-501	Grease, High-Performance	0436-297	Tool Holder - Double
0436-627	Gun Scabbard Kit	0436-263	Tool Holder - Single
0436-706	Gun Scabbard Mount	0436-712	Tree Stand/Bow Case Holder
0436-505	Hand Guards - Black	0436-655	Winch, 2500 lb
0436-352	Hand/Thumb Warmers	0436-623	Windshield, Clear w/Black Accent

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