

Illustrated Parts Manual

2011

700 PS EFT

Model Number

A2011IBT1PETI (Desert Red)



ARCTIC CAT®
SHARE OUR PASSION.™

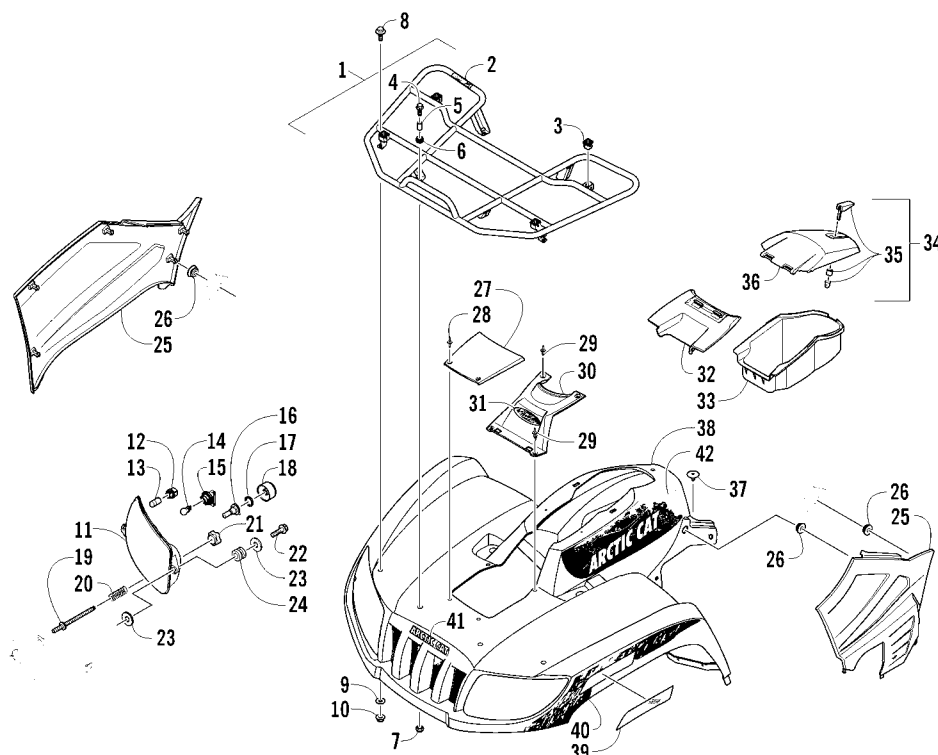
TABLE OF CONTENTS

2011 ATV 700 PS EFT

Desert Red (A2011IBT1PETI)

FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES	1
REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES	2
FRAME AND RELATED PARTS	3
WINCH ASSEMBLY	4
LICENSE PLATE HOLDER ASSEMBLY	5
SEAT ASSEMBLY	6
STEERING ASSEMBLY	7
HANDLEBAR ASSEMBLY	8
INSTRUMENT POD ASSEMBLY	9
FRONT SUSPENSION ASSEMBLY	10
REAR SUSPENSION ASSEMBLY	11
WHEEL AND TIRE ASSEMBLY	12
HYDRAULIC BRAKE ASSEMBLY	13
PARKING BRAKE ASSEMBLY	14
GAS TANK ASSEMBLY	15
SHIFT LEVER ASSEMBLY	16
AIR INTAKE ASSEMBLY	17
ENGINE AND EXHAUST	18
COOLING ASSEMBLY	19
CASE/BELT COOLING ASSEMBLY	20
DRIVE TRAIN ASSEMBLY	21
FRONT DRIVE GEARCASE ASSEMBLY	22
REAR DRIVE GEARCASE ASSEMBLY	23
WIRING HARNESS ASSEMBLY	24
BATTERY AND STARTER ASSEMBLY	25
THROTTLE BODY ASSEMBLY	26
CYLINDER ASSEMBLY	27
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY (Up to Engine Serial No. 039069).....	28
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY (Engine Serial No. 0309070 and Up)	29
CAM CHAIN ASSEMBLY	30
CRANKCASE ASSEMBLY	31
CRANKSHAFT AND PISTON ASSEMBLY	32
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY	33
STARTER CLUTCH ASSEMBLY	34
CRANK BALANCER ASSEMBLY	35
OIL FILTER/PUMP ASSEMBLY	36
WATER PUMP ASSEMBLY	37
TRANSMISSION ASSEMBLY	38
SECONDARY TRANSMISSION ASSEMBLY (Up to Engine Serial No. 0264069)	39
SECONDARY TRANSMISSION ASSEMBLY (Engine Serial No. 0264070 and Up)	40
GEAR SHIFTING ASSEMBLY	41
SECONDARY DRIVE ASSEMBLY	42
MAGNETO ASSEMBLY	43

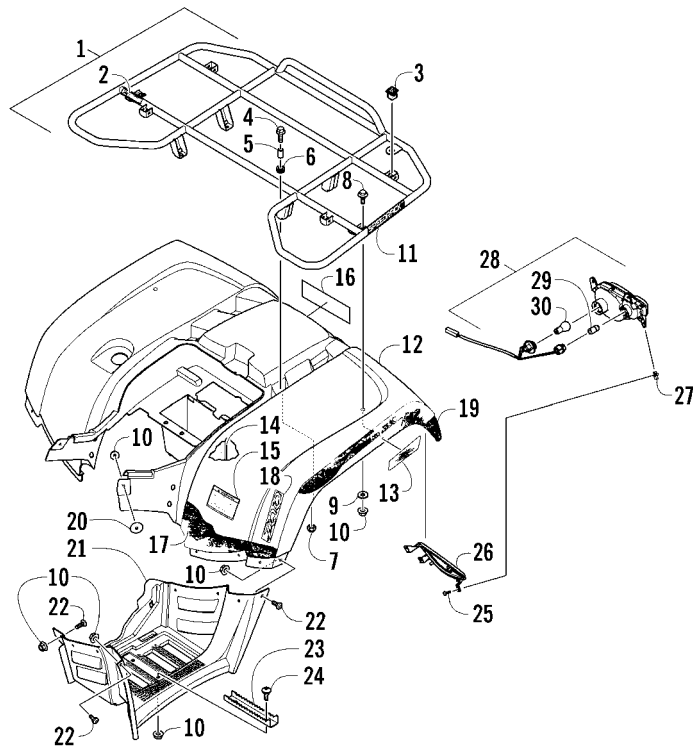
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0745-415

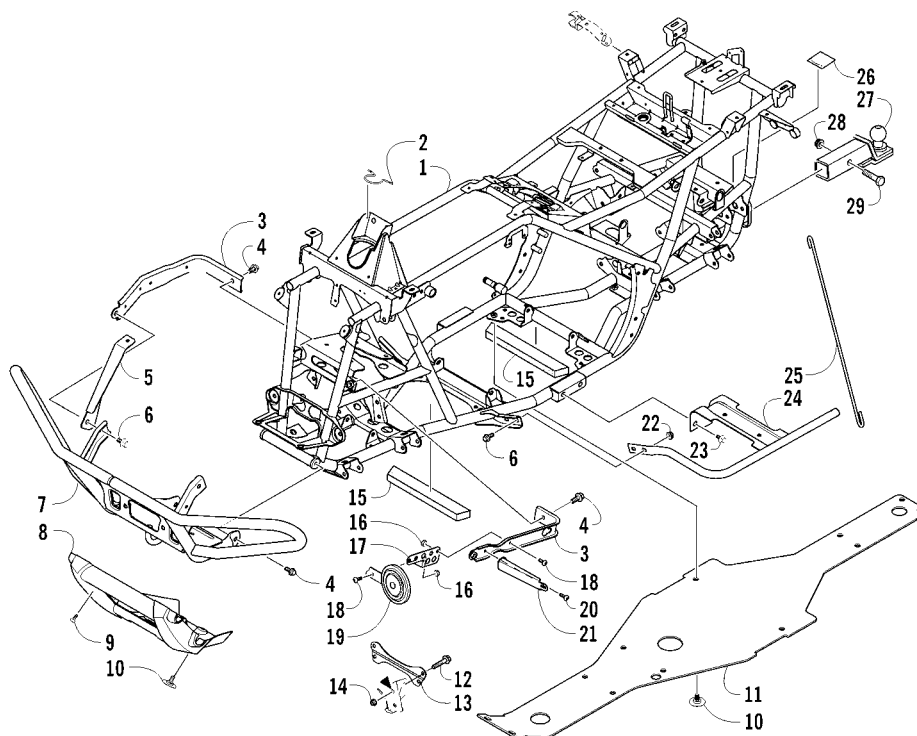
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	24	0423-447		4	Grommet
2	0411-576		1	● Decal, Warning - Load	25	2406-300		1	Panel, Side - Lower - Right
3	0441-592		4	● Bushing		2406-419		1	Panel, Side - Lower - Left
4	8410-830		4	Screw, Cap	26	0423-678		8	Grommet
5	0423-669		4	Spacer	27	1406-358		1	Cover, Access
6	0423-465		4	Grommet	28	0423-535		2	Rivet, Reinstallable
7	8432-802		4	Nut, Lock	29	0623-362		4	Rivet, Reinstallable
8	0423-654		2	Screw, Shoulder	30	1406-484		1	Cover, Steering Post
9	8050-222		2	Washer	31	2411-330	X	1	Decal, "Power Steering"
10	0423-540		2	Nut, Lock	32	0470-513		1	Cover, Storage Box
11	0509-036		1	Headlight Assembly - Right (inc. 12-18)	33	1406-573		1	Box, Storage
	0509-037		1	Headlight Assembly - Left (inc. 12-18)	34	2506-234		1	Lid, Storage Box w/Latch (inc. 35-36)
12	0409-102		2	● Socket, Position Bulb	35	1406-599		1	● Latch, Storage Box
13	0409-101		2	● Bulb, Position	36	0470-514		1	● Lid, Storage Box
14	0409-099		2	● Bulb, Turn Signal	37	0423-101		2	Screw, Shoulder
15	0409-100		2	● Socket, Turn Signal Bulb	38	2516-415		1	Panel, Fender - Red
16	0409-096		2	● Bulb, Headlight	39	0411-818		1	Decal, Reflector - Right - Amber
17	0409-097		2	● Retainer, Spring		0411-819		1	Decal, Reflector - Left - Amber
18	0409-098		2	● Boot, Rubber	40	2411-332	X	1	Decal, Side - Front Right
19	0423-514		2	Stud, Adjuster - Headlight		2411-333	X	1	Decal, Side - Front Left
20	0423-522		2	Spring, Adjuster	41	1411-725		1	Decal, "Arctic Cat"
21	0423-513		2	Knob, Adjuster	42	2411-514	X	1	Decal, Side - Upper Right
22	0623-785		4	Screw, Self-Tapping		2411-515	X	1	Decal, Side - Upper Left
23	8050-217		8	Washer					



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0745-416

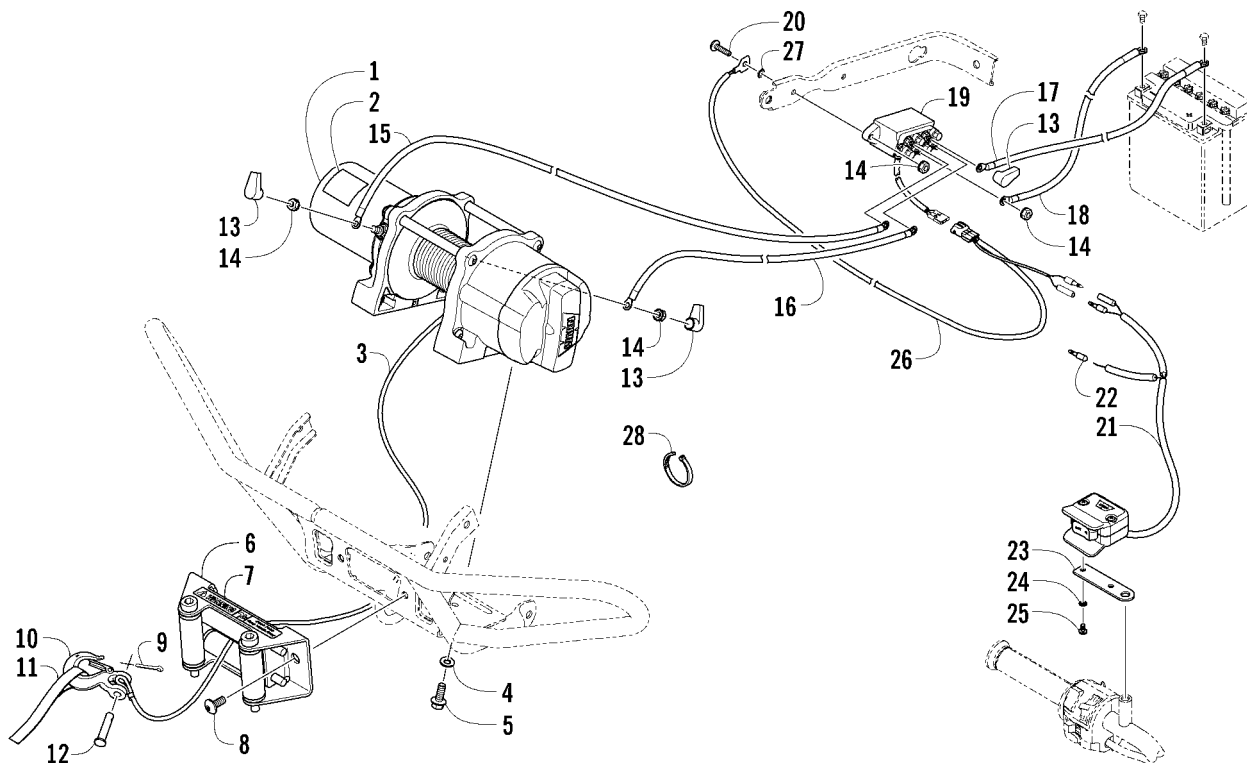
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-125		1	Rack, Rear - Assembly (inc. 2-3)	18	2411-338	X	1	Decal, 700 - Right
2	0411-648		1	● Decal, Warning - Load		2411-339	X	1	Decal, 700 - Left
3	0441-592		4	● Bushing, Rack	19	2411-340	X	1	Decal, Side - Upper Right
4	8410-830		4	Screw, Cap		2411-341	X	1	Decal, Side - Upper Left
5	0423-669		4	Spacer	20	0423-101		2	Screw, Shoulder
6	0423-465		4	Grommet	21	1406-356		1	Footwell - Right
7	8432-802		4	Nut, Lock		2406-429		1	Footwell - Left
8	0423-654		2	Screw, Shoulder	22	0423-419		18	Screw, Machine
9	8050-222		2	Washer	23	1506-125		2	Footpeg
10	0423-540		26	Nut, Lock	24	0423-355		4	Screw, Shoulder
11	0411-965		2	Decal, "Speedrack"	25	8476-516		6	Screw, Machine
12	2516-349		1	Panel, Fender - Rear - Red	26	0409-112		1	Bezel, Taillight - Right
13	1411-592		1	Decal, Reflector - Right - Red		0409-113		1	Bezel, Taillight - Left
	1411-593		1	Decal, Reflector - Left - Red	27	3304-061		6	Clip, U-Nut
14	0470-658		1	Foil, Protective	28	3313-392		1	Taillight Assembly - Right (inc. 29-30)
15	2411-143		1	Decal, Warning - Tire Pressure		3313-393		1	Taillight Assembly - Left (inc. 29-30)
16	1411-725		1	Decal, "Arctic Cat"	29	3313-506		2	● Bulb, Turn Signal
17	2411-516	X	1	Decal, Side - Lower Right	30	3303-849		2	● Bulb, Taillight
	2411-517	X	1	Decal, Side - Lower Left					



FRAME AND RELATED PARTS

0745-417

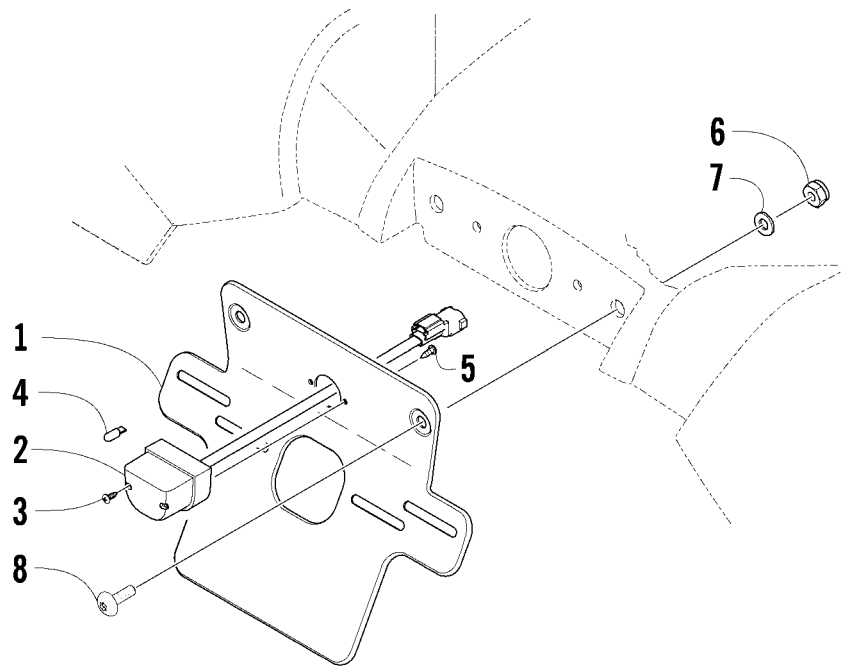
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-835		1	Frame, Main	16	0623-038		3	Nut w/Washer
2	2416-401		1	Clip, Routing	17	2406-321		1	Bracket, Mounting - Horn
3	1506-596		2	Channel, Mounting - Bumper	18	8477-616		2	Screw, Machine
4	8409-020		4	Screw, Cap	19	0430-053		1	Horn, Electric - 12V
5	1506-562		1	Bracket, Mounting - Bumper - Right	20	8477-620		1	Screw, Machine
	1506-563		1	Bracket, Mounting - Bumper - Left	21	2416-162		1	Bracket, Support - Right
6	8408-816		6	Screw, Cap		2416-163		1	Bracket, Support - Left
7	1506-855		1	Bumper, Front	22	8424-802		4	Nut
8	1406-360		1	Fascia, Bumper - Front	23	8409-016		4	Screw, Cap
9	0423-419		2	Screw, Machine	24	1506-380		1	Footrest - Right
10	0423-101		12	Screw, Shoulder		1506-379		1	Footrest - Left
11	1406-030		1	Panel, Belly	25	2506-423		2	Rod, Support
12	8409-025		2	Screw, Cap	26	1411-077		1	Decal, Warning - Towing
13	2516-852		1	Brace, A-Arm	27	0541-857	X	1	Mount, Ball Hitch (inc. 28-29)
14	0423-744		2	Nut, Lock	28	0423-690		1	● Nut, Lock
15	0406-289		2	Pad, Foam	29	0423-693		1	● Screw, Cap



WINCH ASSEMBLY

0745-322

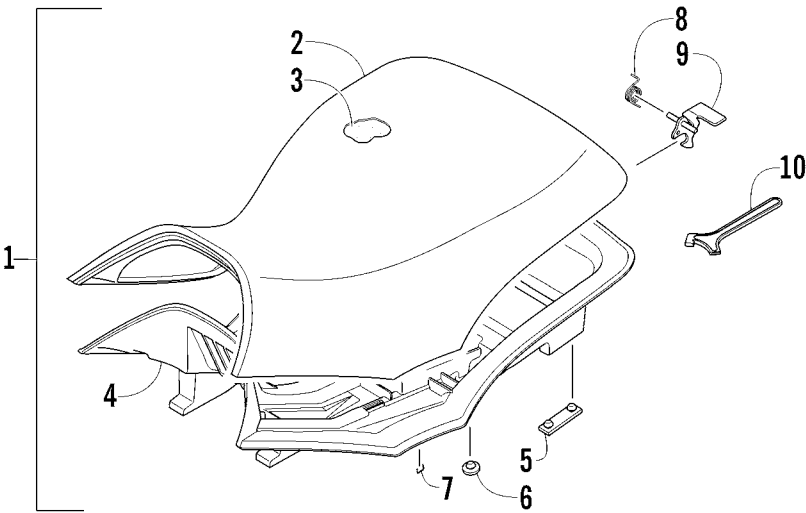
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1441-657		1	Winch (inc. 2-3)	16	0445-069		1	Cable, Winch/Solenoid - Blue
2	1411-826		1	● Decal, Warning	17	0445-087		1	Cable, Solenoid/Battery - Red
3	0441-061		1	● Cable, Winch	18	1441-112		1	Cable, Solenoid/Battery - Black
4	8051-246		4	Washer, Lock	19	0409-066		1	Solenoid
5	8408-820		4	Screw, Cap	20	8476-625		2	Screw, Machine
6	0441-403		1	Roller, Winch (inc. 7)	21	0505-552		1	Switch, Winch - Assembly (inc. 22-27)
7	0411-474		1	● Decal, Warning - Pinch Point	22	1441-428		1	● Connector, Harness
8	8468-820		2	Screw, Machine	23	0505-551		1	● Bracket, Winch Switch
9	0623-175		1	Pin, Cotter	24	8052-093		2	● Washer, Internal Tooth Lock
10	1441-833		1	Hook, Winch	25	8009-243		2	● Screw, Machine
11	1441-781		1	Strap	26	0486-276		1	● Harness, Adapter - Solenoid
12	1441-834		1	Pin	27	8053-212		1	● Washer, External Tooth Lock
13	0645-019		3	Boot, Terminal	28	0123-788		AR	Tie, Cable - 8 in.
14	0623-038		8	Nut w/Washer		0123-903		AR	Tie, Cable - 11.5 in.
15	0445-068		1	Cable, Winch/Solenoid - Yellow					



LICENSE PLATE HOLDER ASSEMBLY

0743-236

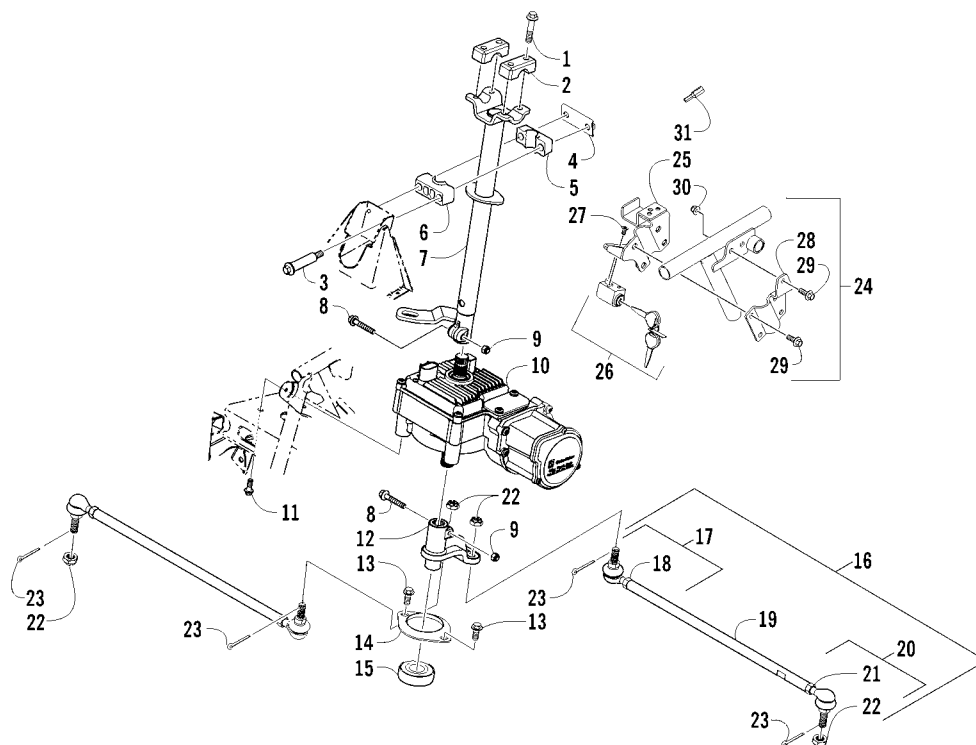
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-914	1	1	Mount, License Plate	5	0123-950	2	2	Screw, Self-Tapping
2	3304-772	1	1	Light, License Plate Assembly (inc. 3-4)	6	8432-802	2	2	Nut, Lock
3	-	2	2	● Screw, Self-Tapping - Not a Service Part	7	8050-247	2	2	Washer
4	3303-847	1	1	● Bulb	8	8468-820	2	2	Screw, Machine



SEAT ASSEMBLY

0744-435

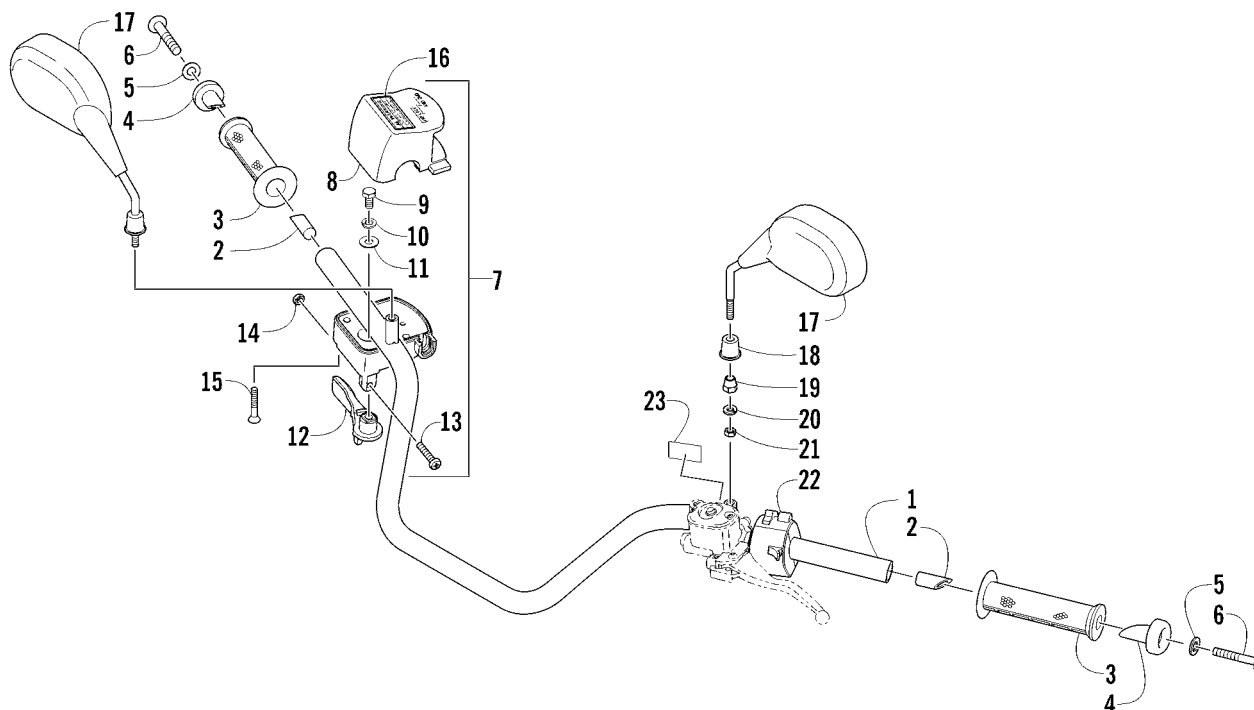
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-895		1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	1506-209		1	● Cover, Seat	7	0624-263		AR	● Staple
3	0517-119		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2406-144		1	● Base, Seat - Assembly (inc. 5-6)	9	1506-156		1	● Latch, Seat
5	0406-879		2	●● Bumper, Seat - Rear	10	0441-587		1	Wrench, Spanner



STEERING ASSEMBLY

0745-390

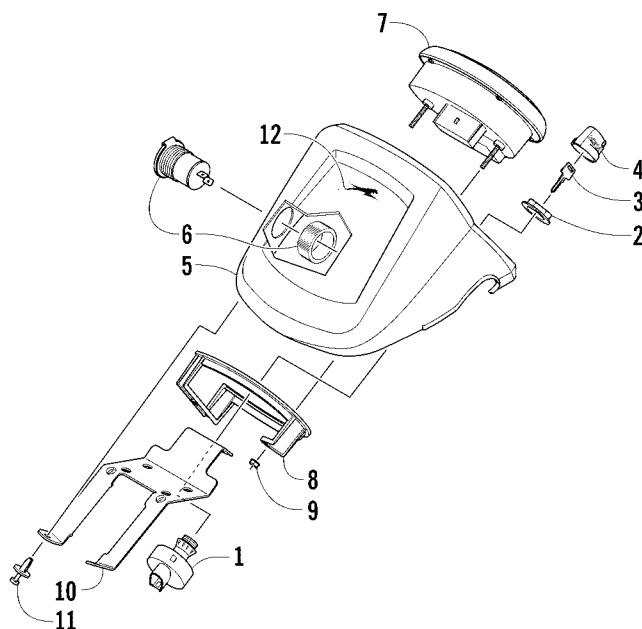
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap	18	0423-013		2	●● Nut - Left-Hand Thread
2	0405-035		2	Cap, Steering Adjuster	19	0405-281		2	● Tie Rod
3	0423-505		2	Screw, Shoulder	20	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 21)
4	0505-484		1	Cap, Housing	21	8420-002		2	●● Nut - Right-Hand Thread
5	0405-260		1	Housing, Upper	22	0423-157		4	Nut, Lock
6	0405-259		1	Housing, Lower	23	0623-175		4	Pin, Cotter
7	0505-712	X	1	Post, Steering	24	0505-702	X	1	Lock, Steering - Assembly (inc. 25-30)
8	8020-045		2	Screw, Cap	25	0505-710	X	1	● Mount, Steering Lock
9	8040-366		2	Nut, Lock	26	3306-182	X	1	● Lock, Steering
10	0505-704	X	1	Assembly, Electronic Power Steering	27	1423-059	X	2	● Screw, Machine
11	8409-020		4	Screw, Cap	28	0405-409	X	1	● Mount, Steering Lock
12	0505-664		1	Arm, Steering	29	1623-069	X	5	● Screw, Cap
13	8408-816		2	Screw, Cap	30	8424-802		1	● Nut
14	0602-233		1	Flange, Bearing	31	1441-989	X	1	Tool, Anti-Tamper - Optional
15	0405-052		1	Bearing w/Inverted Oil Seal					
16	0505-499		2	Tie Rod - Assembly (inc. 17-21)					
17	0505-511		2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 18)					



HANDLEBAR ASSEMBLY

0745-005

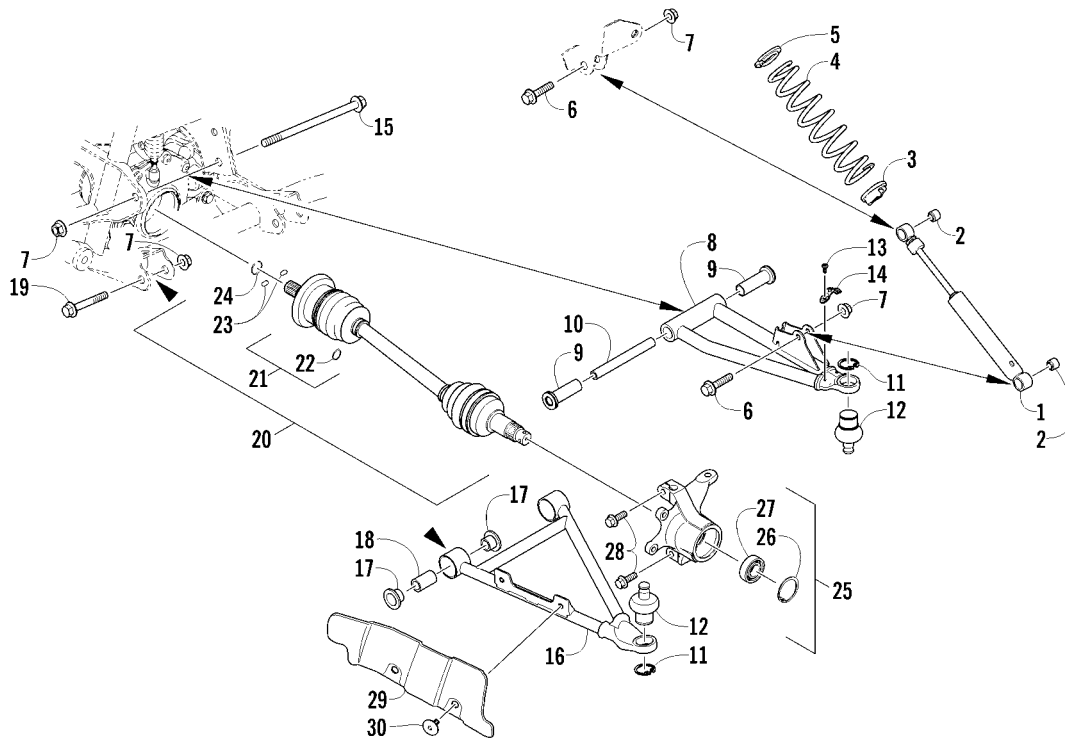
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-522		1	Handlebar	13	3423-014		1	● Screw, Machine
2	0405-218		2	Plug, Handlebar	14	3423-327		1	● Nut
3	0405-147		2	Grip, Handlebar	15	3423-199		2	● Screw, Machine
4	0405-149		2	End Cap, Handlebar	16	0411-966		1	Decal, Warning - Differential Lock
5	8050-247		2	Washer	17	2406-630		1	Mirror - Right (inc. 18-21)
6	8477-845		2	Screw, Machine		2406-631		1	Mirror - Left (inc. 18-21)
7	0509-054		1	Case, Throttle - Assembly (inc. 8-15)	18	0423-985		2	● Cover
8	0409-141		1	● Cover, Throttle Case w/Switch	19	0423-986		2	● Nut, Adjuster
9	3007-392		1	● Screw, Cap	20	0423-987		2	● Washer, Lock
10	3004-447		1	● Washer, Lock	21	0423-988		2	● Nut
11	3003-030		1	● Washer	22	0409-081		1	Switch, Control - Assembly
12	0409-133		1	● Lever, Throttle	23	1411-865		1	Decal, Warning - Brake Lever Lock



INSTRUMENT POD ASSEMBLY

0745-246

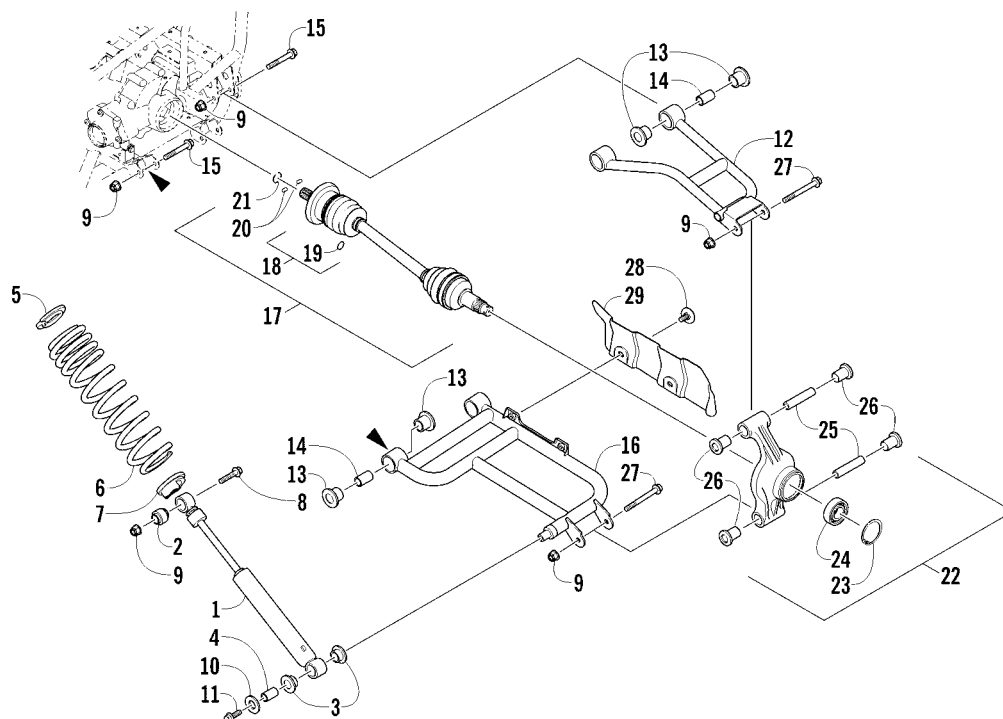
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	0641-897		1	Outlet, Accessory - 12V
2	0430-050		1	● Nut, Retaining	7	0520-130	X	1	Gauge, LCD
3	0430-042		1	● Key, Ignition	8	0420-065		1	Bracket, Retaining
				(Y Series - Left-Side Cut)	9	0423-493		2	Nut w/Washer
	0430-043		1	● Key, Ignition	10	2506-470		1	Bracket, Mounting - Instrument Pod
				(Z Series - Right-Side Cut)	11	0423-535		2	Rivet, Reinstallable
4	0430-054		1	● Cover, Key	12	8611-267		1	Decal, AirCat
5	0505-590		1	Instrument Pod - Black					



FRONT SUSPENSION ASSEMBLY

0745-247

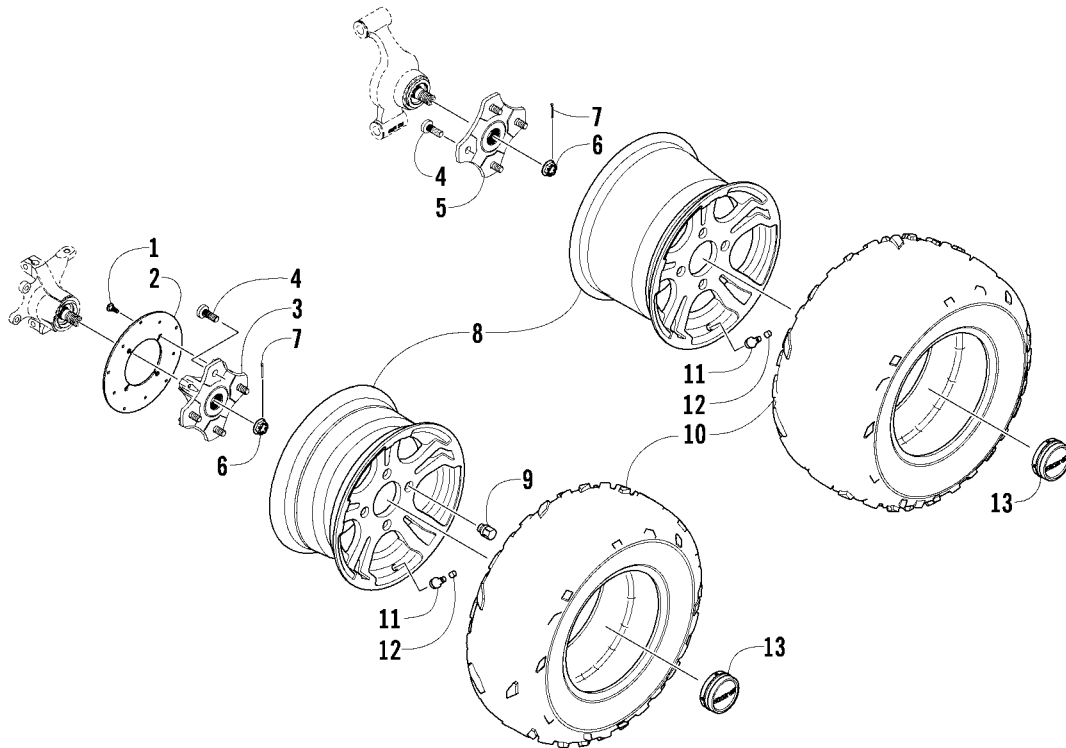
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-209		2	Shock Absorber (inc. 2)	17	0403-208		8	● Bushing
2	0403-182		4	● Bushing	18	0403-214		4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-468	X	2	Spring, Suspension - White	20	1502-800	X	1	Axle, Drive - Right (inc. 21-24)
5	1603-889		2	Retainer, Spring	21	1502-799	X	1	Axle, Drive - Locking - Left (inc. 21-24)
6	8409-040		4	Screw, Cap	22	1436-419	X	2	● Repair Kit, Boot (inc. 22)
7	0423-744		10	Nut, Lock	23	1441-988	X	2	● Clip, Retaining
8	0503-416		1	A-Arm, Upper Right - Black (inc. 9-12)	24	1402-885	X	4	● Pin, Detent
9	0503-417		1	A-Arm, Upper Left - Black (inc. 9-12)	25	1402-889	X	2	● Clip, Retaining
10	0403-207		4	● Bushing	26	0505-576		1	Knuckle - Assembly - Right (inc. 26-27)
11	0403-080		2	● Axle	27	0505-577		1	Knuckle - Assembly - Left (inc. 26-27)
12	0423-009		4	● Ring, Retaining	28	0423-423		2	● Ring, Retaining
13	0405-115		4	● Ball Joint	29	1402-809		2	● Bearing
14	0423-946		4	Screw, Self-Tapping	30	8409-030		4	Screw, Cap
15	1502-594		2	Clamp, Routing		1406-034		1	Guard, Boot - Right - Black
16	0423-334		2	Screw, Cap		1406-035		1	Guard, Boot - Left - Black
	0503-376		1	A-Arm, Lower Right - Black (inc. 17-18 and two No. 11-12)		0423-545		4	Screw, Shoulder
	0503-377		1	A-Arm, Lower Left - Black (inc. 17-18 and two No. 11-12)					



REAR SUSPENSION ASSEMBLY

0745-252

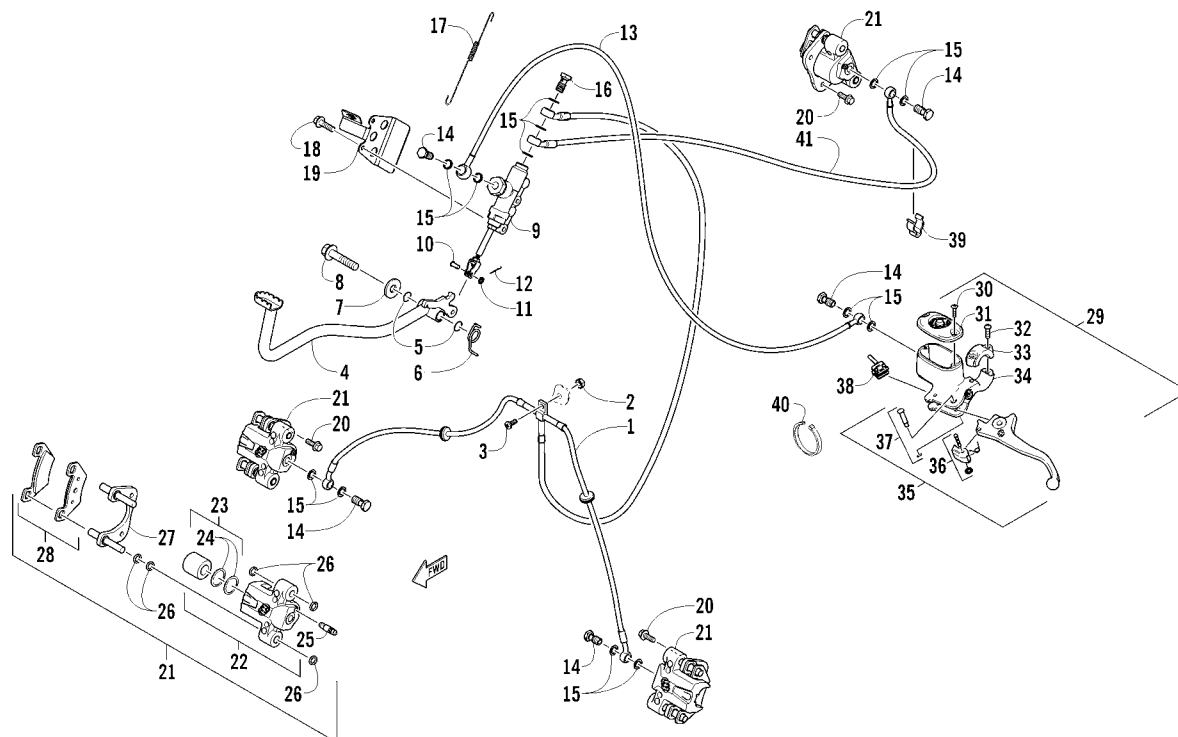
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)	16	0504-572		1	A-Arm, Rear - Lower Right - Black (inc. 13-14)
2	0403-182		2	● Bushing		0504-573		1	A-Arm, Rear - Lower Left - Black (inc. 13-14)
3	0603-955		4	● Bushing	17	1502-798	X	2	Axle, Drive (inc. 18-21)
4	1603-219		2	● Sleeve	18	1436-419	X	2	● Repair Kit, Boot (inc. 19)
5	1603-889		2	Retainer, Spring	19	1441-988	X	2	● Clip, Retaining
6	0504-659	X	2	Spring, Suspension - White	20	1402-884	X	4	● Pin, Detent
7	0404-057		2	Cam, Spring Adjuster	21	1402-890	X	2	● Clip, Retaining
8	8409-040		1	Screw, Cap - Right	22	0504-616		1	Knuckle, Right - Assembly (inc. 23-26)
	8409-050		1	Screw, Cap - Left		0504-549		1	Knuckle, Left - Assembly (inc. 23-26)
9	0423-744		14	Nut, Lock	23	0423-423		2	● Ring, Retaining
10	0423-087		2	Washer	24	1402-809		2	● Bearing
11	8408-820		2	Screw, Cap	25	0403-213		4	● Axle
12	0504-582		1	A-Arm, Rear - Upper Right - Black (inc. 13-14)	26	0403-206		8	● Bushing
	0504-583		1	A-Arm, Rear - Upper Left - Black (inc. 13-14)	27	8409-000		4	Screw, Cap
13	0403-208		16	● Bushing	28	0423-545		4	Screw, Shoulder
14	0403-214		8	● Axle	29	1406-068		1	Guard, Boot - Rear - Right - Black
15	8409-075		8	Screw, Cap		1406-069		1	Guard, Boot - Rear - Left - Black



WHEEL AND TIRE ASSEMBLY

0743-965

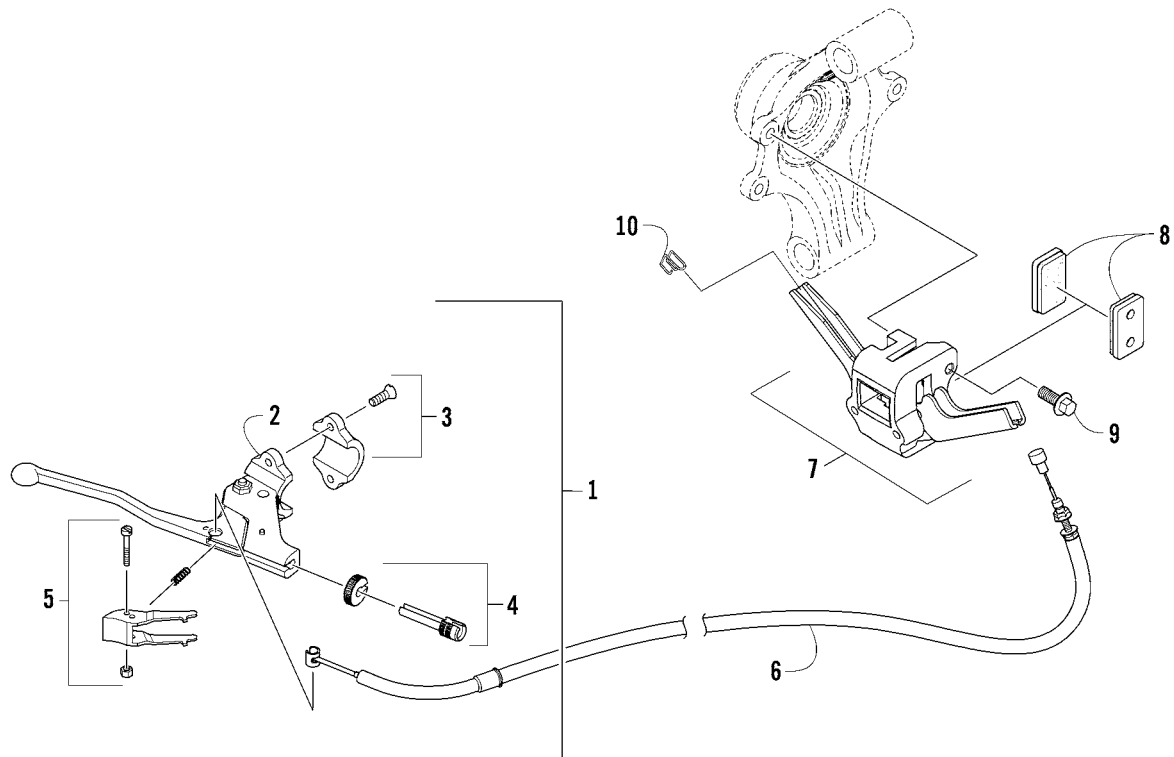
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		12	Screw, Shoulder	8	1402-730		2	Wheel - Front - Aluminum
2	1436-164		3	Disc, Brake		1402-731		2	Wheel - Rear - Aluminum
3	1502-462		2	Hub, Wheel - Front (inc. 4)	9	0423-618		16	Nut, Lug - Chrome
4	0402-974		16	● Stud	10	1402-858		2	Tire - Front
5	1502-462		1	Hub, Wheel - Rear - Right (inc. 4)		1402-859		2	Tire - Rear
	1502-464		1	Hub, Wheel - Rear - Left (inc. 4)	11	0402-064		4	Stem, Valve (inc. 12)
6	0423-607		4	Nut, Castle	12	0402-140		4	● Cap, Valve Stem
7	0423-407		4	Pin, Cotter	13	1402-736		4	Cap, Wheel



HYDRAULIC BRAKE ASSEMBLY

0745-095

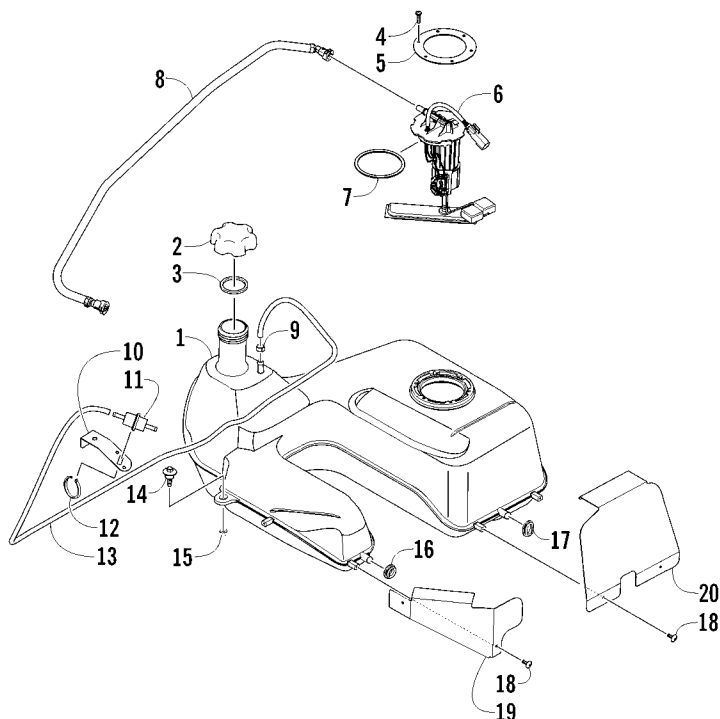
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	1502-148	1	Hose, Brakeline - Assembly	22	1436-160	1	● Housing, Caliper - Assembly - Right Front (inc. two No. 20 and 23-25)
2	0623-038	1	Nut w/Washer		1436-161	1	● Housing, Caliper - Assembly - Left Front (inc. two No. 20 and 23-25)
3	8476-625	1	Screw, Machine		1436-161	1	● Housing, Caliper - Assembly - Rear (inc. two No. 20 and 23-25)
4	1502-063	1	Lever, Brake	23	0502-606	3	●● Piston/Seal Set (inc. 24)
5	1602-213	2	O-Ring	24	0502-607	3	●●● Seal Set
6	0502-807	1	Spring, Brake Lever	25	0502-609	3	●● Valve, Bleed
7	8050-252	1	Washer	26	0502-608	3	● O-Ring, Guide - Set
8	8408-816	1	Screw, Cap	27	0502-605	3	● Bracket Assembly
9	1502-147	1	Brake Assembly	28	1502-694	3	● Pad, Brake - Set
10	1402-377	1	Pin, Clevis	29	0502-914	1	Brake Assembly (inc. 30-38)
11	8050-217	1	Washer	30	0502-566	1	● Screw, Machine - Kit
12	0117-868	1	Pin, Cotter	31	0502-868	1	● Cover, Reservoir
13	1402-592	1	Hose, Brakeline	32	0502-568	1	● Screw, Machine - Kit
14	0423-413	5	Bolt, Banjo-Fitting	33	0502-869	1	● Clamp, Master Cylinder
15	0423-178	13	Washer, Crush	34	0502-704	1	● Master Cylinder Assembly
16	0423-610	1	Bolt, Banjo-Fitting - Double	35	0502-866	1	● Lever Assembly - Kit (inc. 36-37)
17	0502-785	1	Spring, Brake Switch	36	0502-867	1	●● Lock, Brake Lever - Kit
18	8408-625	2	Screw, Cap	37	0502-580	1	●● Lever Pin - Kit
19	1502-179	1	Bracket, Switch	38	0502-564	1	● Switch, Brake
20	8408-821	6	Screw, Cap	39	1502-115	2	Clip, Brakeline Hose
21	1502-726	1	Caliper, Brake - Right Front (inc. two No. 20 and 22-28)	40	0123-788	AR	Tie, Cable - 8 in.
	1502-727	1	Caliper, Brake - Left Front (inc. two No. 20 and 22-28)	41	1402-593	1	Hose, Brakeline
	1502-727	1	Caliper, Brake - Rear (inc. two No. 20 and 22-28)				



PARKING BRAKE ASSEMBLY

0743-214

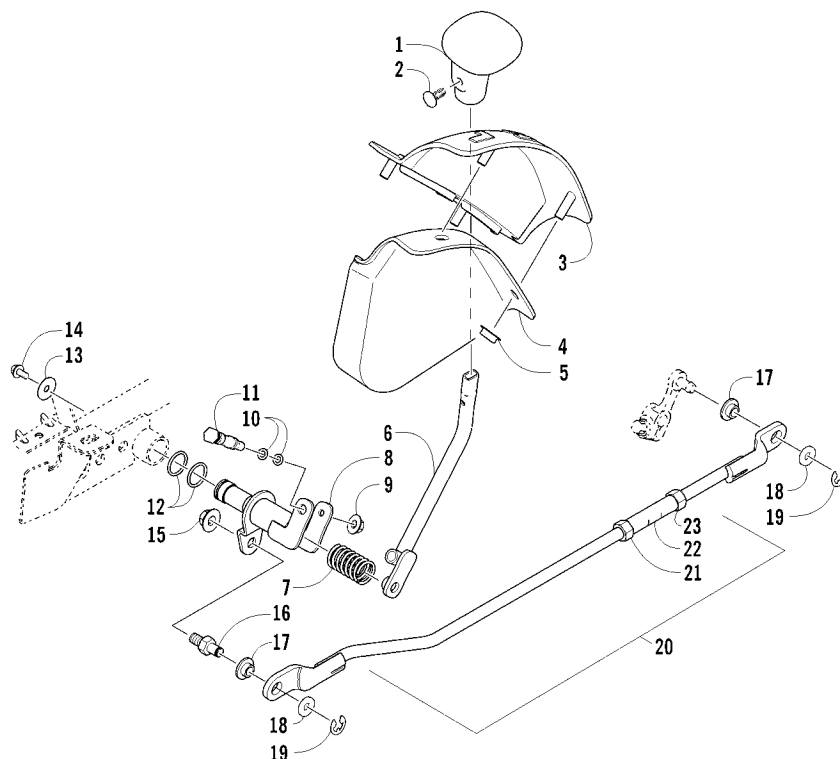
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-265		1	Lever, Parking Brake - Assembly (inc. 2-6)	6	0487-054		1	● Cable, Brake - Rear
2	1502-429		1	● Lever, Parking Brake - Kit	7	1502-865	X	1	Mechanical Brake Assembly (inc. 8)
3	1502-432		1	● Clamp, Handlebar - Kit	8	1402-602		2	● Pad, Brake
4	1502-430		1	● Adjuster, Thumb Nut - Kit	9	8408-826		2	Screw, Cap
5	1502-431		1	● Lock, Parking Brake Lever - Kit	10	0402-379		1	Wire Form, Cable



GAS TANK ASSEMBLY

0744-428

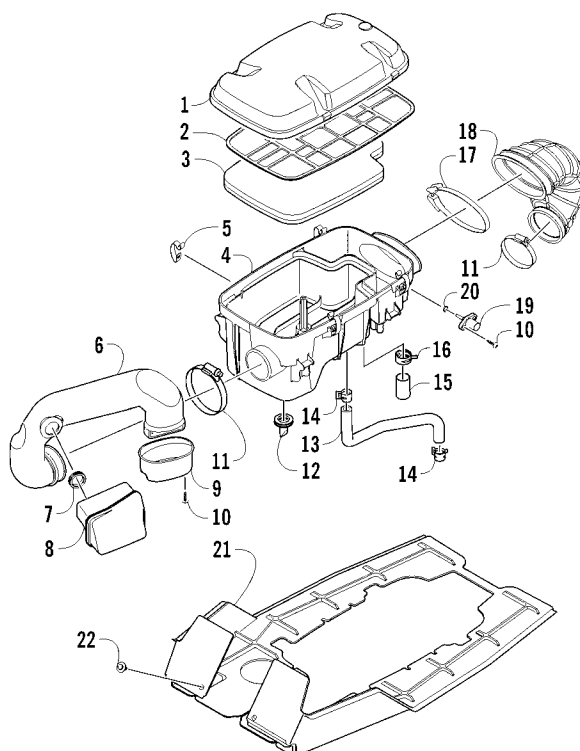
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-307	1	1	Tank, Gas - Assembly (inc. 2-5)	11	0510-335	1	1	Filter, In-Line
2	0470-438	1	1	● Cap, Gas Tank (inc. 3)	12	0123-788	AR	AR	Tie, Cable - 8 in.
3	0109-733	1	1	●● Gasket, Gas Tank Cap	13	0410-070	AR	AR	Hose, Gasline - 25 ft
4	0423-898	6	6	● Screw, Self-Tapping	14	0423-732	2	2	Screw, Shoulder
5	2670-042	1	1	● Plate, Retaining	15	0623-038	1	1	Nut w/Washer
6	0570-322	1	1	Pump, Fuel - Assembly (inc. 7)	16	0423-460	1	1	Grommet
7	0470-838	1	1	● Seal	17	0423-806	1	1	Grommet
8	0570-317	1	1	Hose, Gasline - Assembly	18	0623-797	4	4	Screw, Self-Tapping
9	0423-688	1	1	Clamp, Hose	19	0470-709	1	1	Shield, Heat - Gas Tank - Front
10	0470-827	1	1	Bracket, Filter Mounting	20	0470-710	1	1	Shield, Heat - Gas Tank - Rear



SHIFT LEVER ASSEMBLY

0745-123

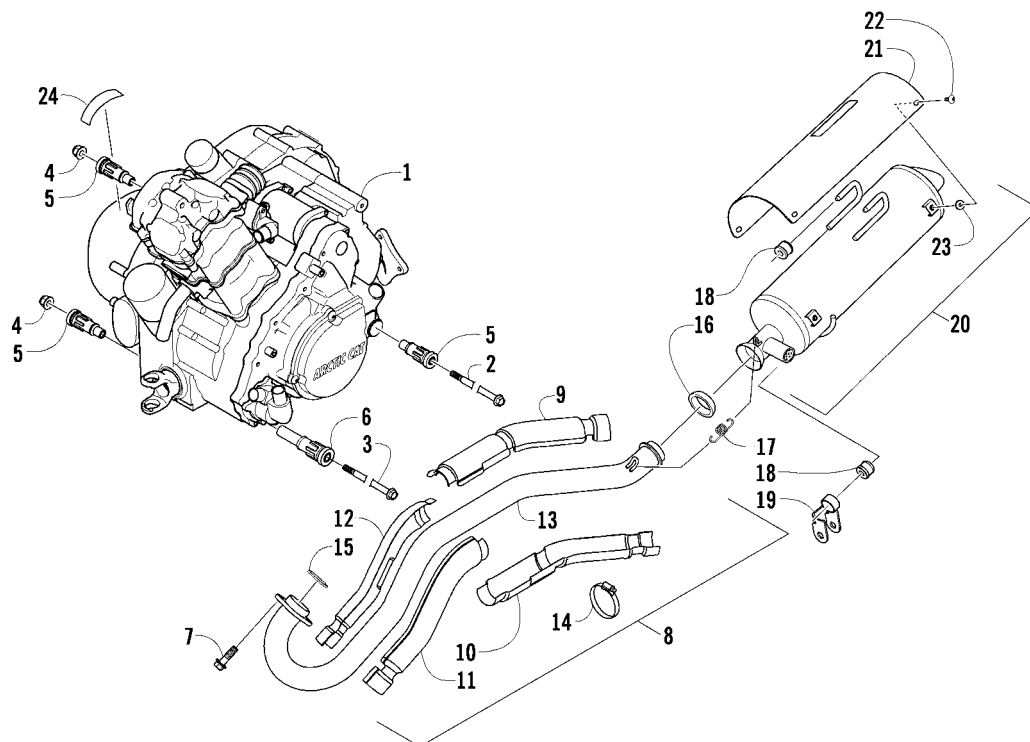
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	13	0423-087		1	Washer
2	0423-345		1	Clip, Retaining	14	8408-812		1	Screw, Cap
3	1402-576		1	Plate, Shift	15	8424-802		1	Nut
4	2406-345		1	Shield, Shift Plate	16	1402-621		1	Pin, Mounting
5	0423-357		4	Nut, Stamped	17	0423-091		2	Bushing
6	0502-659		1	Lever, Shift	18	0623-094		2	Washer
7	0402-678		1	Spring, Shift Lever	19	0423-169		2	E-Ring
8	1502-332		1	Actuator, Shift	20	1502-200		1	Linkage, Shift - Assembly (inc. 21-23)
9	8424-602		1	Nut	21	0123-917		1	● Nut, Hex - Left-Hand Thread
10	0423-182		2	O-Ring	22	1402-619		1	● Coupler
11	0402-675		1	Axle, Pivot	23	0623-294		1	● Nut, Hex - Right-Hand Thread
12	0423-299		2	O-Ring					



AIR INTAKE ASSEMBLY

0744-432

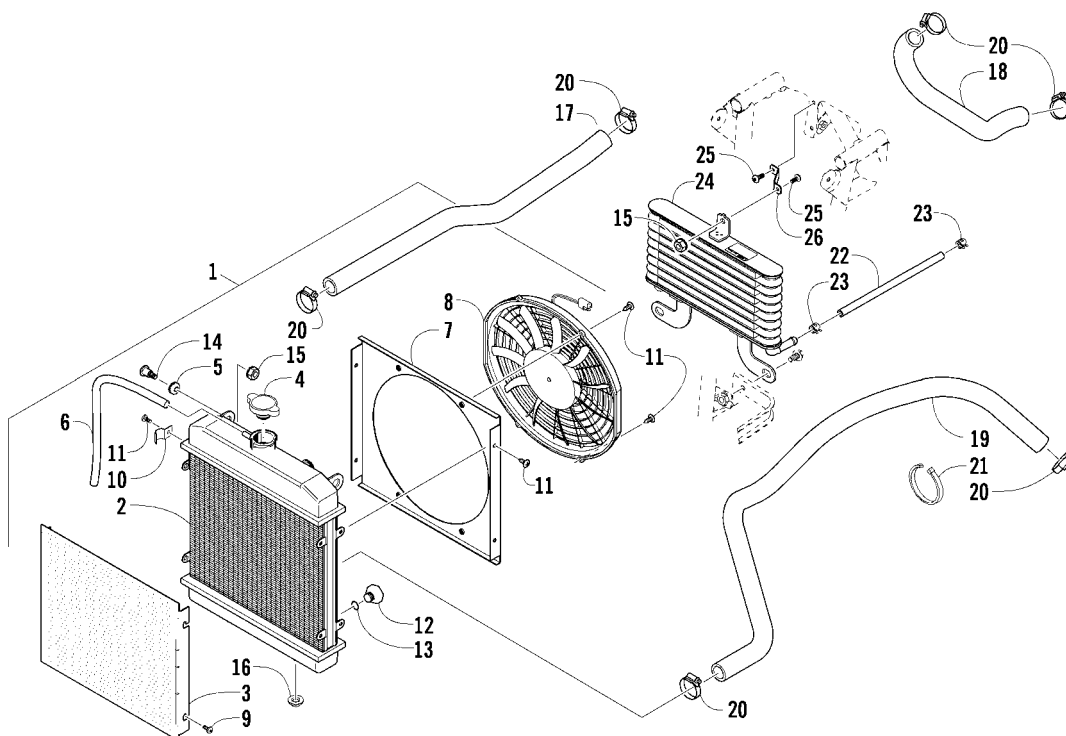
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-877	1		Cover, Intake	12	0470-442	1		Valve, Drain
2	0470-560	1		Screen, Air Filter	13	0410-172	1		Hose, Vent
3	0470-558	1		Filter, Air	14	1623-281	2		Clamp, Hose
4	0470-728	1		Housing, Intake	15	0423-766	1		Cap, Drain
5	0423-455	4		Clip, Spring	16	1623-287	1		Clamp
6	0470-749	1		Duct, Engine Intake	17	0423-554	1		Clamp
7	0423-763	1		Grommet	18	0470-511	1		Boot
8	0570-215	1		Resonator	19	0430-055	1		Sensor, Air Temperature (inc. 20)
9	0470-729	1		Boot	20	5507-224	1		● O-Ring
10	0423-342	4		Screw, Self-Tapping	21	2406-604	1		Panel, Shield
11	0423-019	2		Clamp	22	0623-362	2		Rivet, Reinstallable



ENGINE AND EXHAUST

0743-282

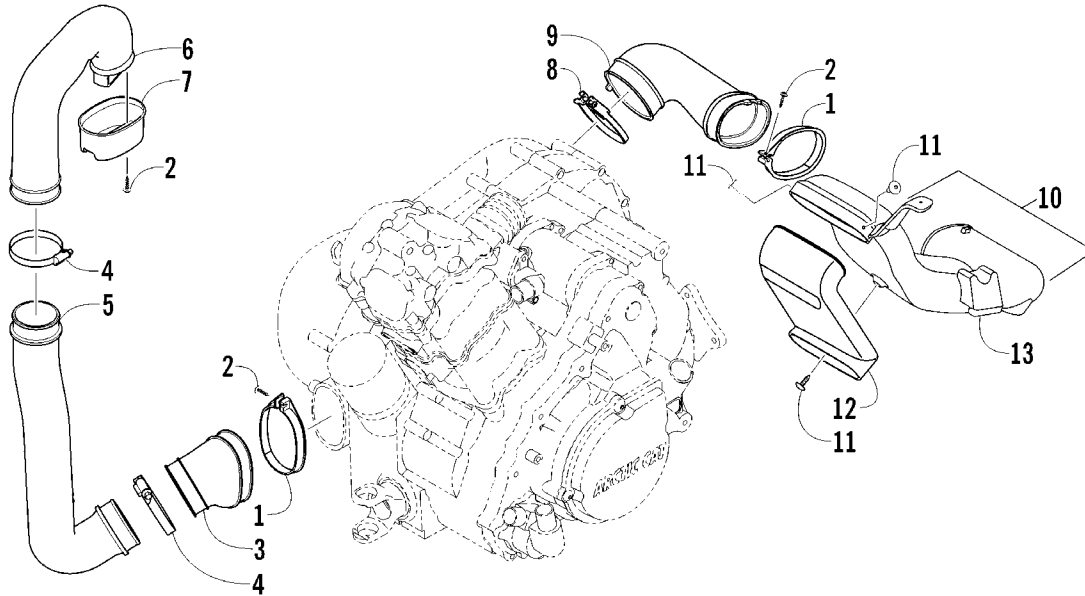
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-103		1	Engine, A700FBH1	13	0512-344		1	● Pipe, Exhaust
2	0423-451		1	Screw, Cap	14	0423-317		4	● Clamp
3	0423-405		1	Screw, Cap	15	0412-338		1	Gasket, Exhaust
4	8428-002		2	Nut, Lock	16	0412-375		1	Seal, Exhaust
5	0801-129		3	Mount, Rubber - Engine	17	0612-668		2	Spring, Extension
6	0801-122		1	Mount, Rubber - Engine	18	0412-577	X	3	Bushing
7	8408-820		2	Screw, Cap	19	1506-732		1	Channel, Muffler Support
8	0512-345		1	Pipe, Exhaust - Assembly (inc. 9-14)	20	0512-430		1	Muffler - Assembly (inc. 21-23)
9	0412-350		1	● Shield, Exhaust Pipe - Outer - Rear	21	0412-489		1	● Cover, Muffler
10	0412-339		1	● Shield, Exhaust Pipe - Inner - Rear	22	8477-610		4	● Screw, Machine
11	0412-349		1	● Shield, Exhaust Pipe - Inner - Front	23	0412-490		4	● Washer
12	0412-348		1	● Shield, Exhaust Pipe - Outer - Front	24	0411-426		1	Decal, Warning - Clutch Cover



COOLING ASSEMBLY

0742-668

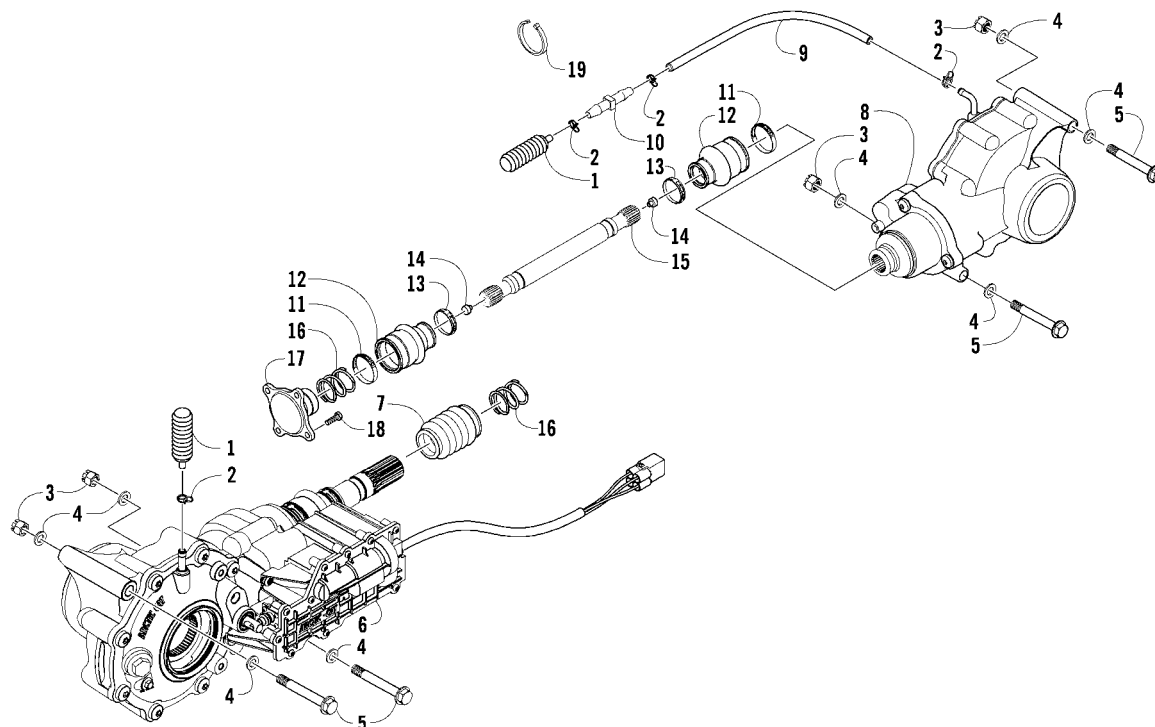
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-256		1	Radiator Assembly (inc. 2-13)	14	0423-484		2	Screw, Shoulder
2	0413-205		1	● Radiator	15	0623-038		4	Nut w/Washer
3	0413-007		1	● Screen	16	0423-028		2	Bushing, Stem
4	0413-255		1	● Cap	17	0410-002		1	Hose, Coolant - Upper
5	0423-030		2	● Grommet	18	0410-022		1	Hose, Coolant - Crossover
6	0610-016	AR		● Hose - 25 ft	19	0410-229	X	1	Hose, Coolant - Lower
	0610-015	AR		● Hose - 100 ft	20	0423-496		6	Clamp, Hose
7	0413-203		1	● Shroud, Fan	21	0123-788		AR	Tie, Cable - 8 in.
8	0413-123		1	● Fan, Cooling		0623-751		AR	Tie, Cable - 11.75 in.
9	8475-512		4	● Screw, Machine	22	0410-127		2	Hose, Oil Cooler
10	0423-351		1	● Clamp, Wire	23	0423-632		4	Clamp, Hose
11	0623-378		8	● Screw, Self-Tapping	24	0413-211		1	Cooler, Oil
12	0413-195		1	● Plug, Drain	25	8476-612		2	Screw, Machine
13	1602-213		1	● O-Ring	26	0513-022		1	Bracket, Mounting - Oil Cooler - Upper



CASE/BELT COOLING ASSEMBLY

0744-433

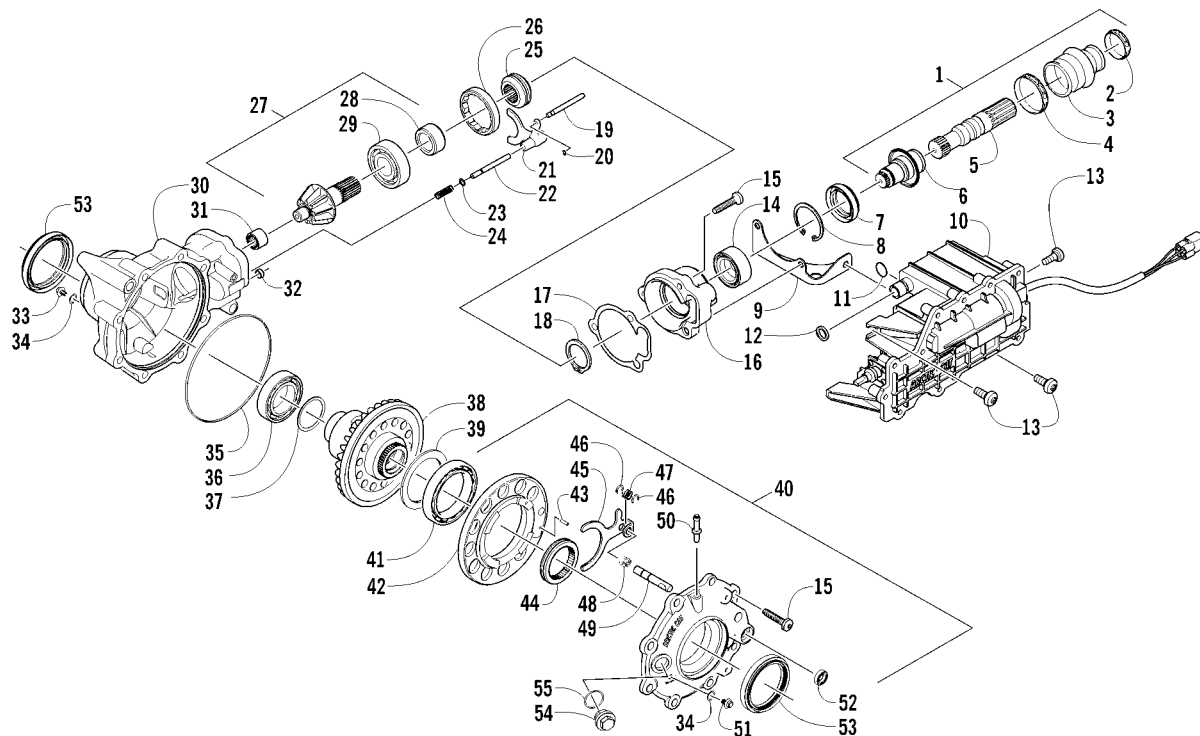
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-550		2	Clamp, Plastic	8	0423-730		1	Clamp
2	0423-342		4	Screw, Self-Tapping	9	0413-206		1	Boot, Duct - Air Out - Rear
3	0413-252		1	Boot, Duct - Air Intake - Front	10	0470-824		1	Duct, Air Out - Rear
4	0423-019		2	Clamp					(inc. three No. 11 and 12-13)
5	0413-250		1	Duct, Air Intake - Front - Lower	11	0623-784		4	● Screw, Self-Tapping
6	0470-750		1	Duct, Air Intake - Front - Upper	12	0470-778		1	● Duct
7	0470-729		1	Cup, Air Intake	13	0470-825		1	● Duct



DRIVE TRAIN ASSEMBLY

0743-966

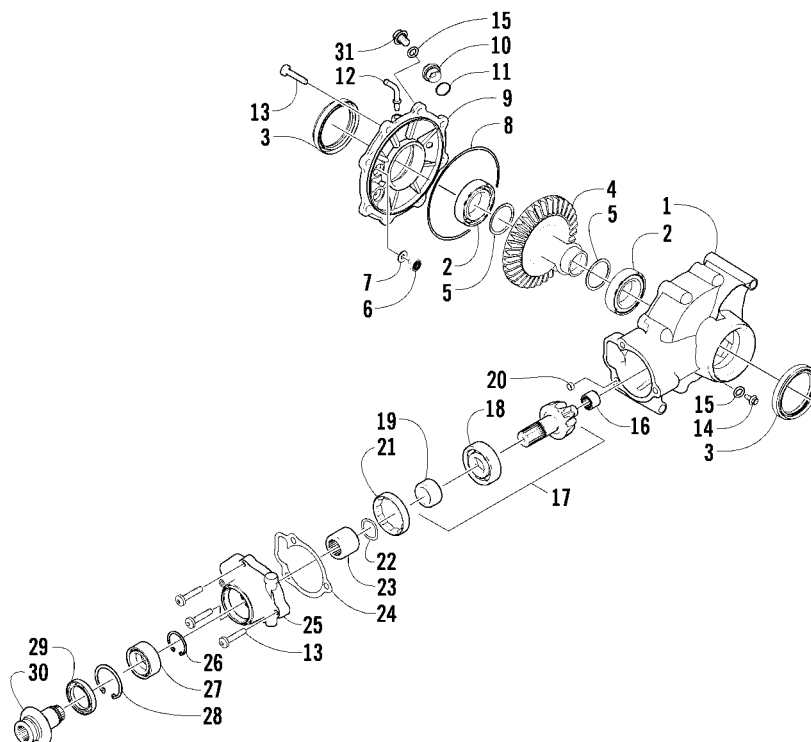
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1402-620		2	Bladder, Gearcase	11	0423-393		2	Clamp
2	0423-315		4	Clamp, Hose	12	0402-985		2	Boot
3	8428-002		4	Nut, Lock	13	0423-411		2	Clamp
4	0423-426		8	Washer	14	0673-618		2	Bumper, Propeller Shaft
5	0423-404		4	Screw, Cap	15	1402-233		1	Shaft, Propeller
6	1502-393		1	Gearcase, Front	16	1402-026		2	Spring
7	0402-966		1	Boot, Shaft	17	0402-950		1	Flange, Output
8	1502-401		1	Gearcase, Rear	18	8408-820		4	Screw, Cap
9	0410-048	AR		Hose, Vent - 25 ft	19	0123-788		AR	Tie, Cable - 8 in.
10	0470-702		1	Fitting, Vent					



FRONT DRIVE GEARCASE ASSEMBLY

0745-623

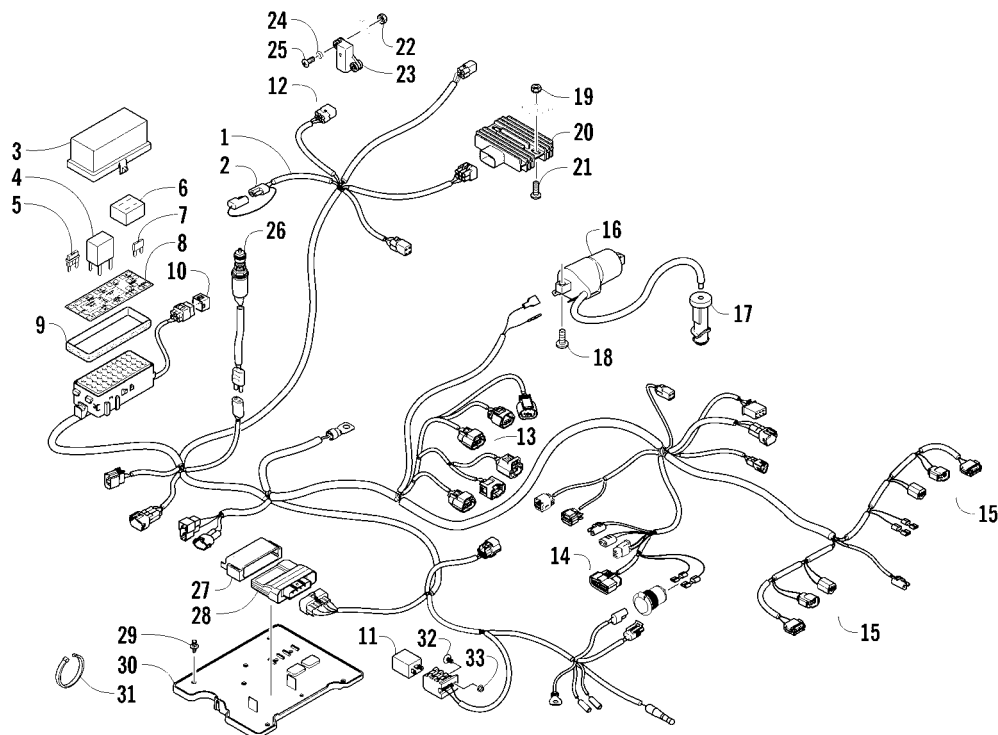
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-393		1	Complete Front Drive Gearcase Assembly	32	0402-411		1	Pin, Dowel
1	1502-083		1	Shaft, Propeller - Assembly (inc. 2-6)	33	1402-210		1	Plug, Magnetic (inc. one No. 34)
2	0423-411		1	● Clamp	34	0423-153		2	● O-Ring
3	0402-985		1	● Boot, Propeller Shaft	35	0423-149		1	O-Ring
4	0423-393		1	● Clamp	36	0402-393		1	Bearing
5	1402-045		1	● Shaft, Output	37	0402-405		AR	Shim, 41 x 49 x 1.3 mm
6	1502-085		1	● Shaft, Input		0402-406		AR	Shim, 41 x 49 x 1.4 mm
7	1402-011		1	Seal		0402-407		AR	Shim, 41 x 49 x 1.5 mm
8	0423-423		1	Ring, Retaining		0402-408		AR	Shim, 41 x 49 x 1.6 mm
9	1502-237		1	Bracket, Actuator		0402-409		AR	Shim, 41 x 49 x 1.7 mm
10	0502-585		1	Actuator (inc. 11)	38	1502-554		1	Gear, Ring - 34T
11	1402-981	X	1	● O-Ring	39	1402-074		AR	Shim, 61 x 69 x 1.3 mm
12	0423-892		1	O-Ring		1402-075		AR	Shim, 61 x 69 x 1.4 mm
13	0423-396		3	Screw, Self-Tapping		1402-076		AR	Shim, 61 x 69 x 1.5 mm
14	1402-043		1	Bearing		1402-077		AR	Shim, 61 x 69 x 1.6 mm
15	0423-118		11	Screw, Self-Tapping		1402-078		AR	Shim, 61 x 69 x 1.7 mm
16	0502-528		1	Housing, Pinion	40	1502-389		1	Cover, Gearcase (inc. one No. 34, 41-52, and one No. 53)
17	0402-947		1	Gasket, Flange	41	1402-053		1	● Bearing
18	0423-417		1	Ring, Retaining	42	0502-413		1	● Flange, Bearing
19	0402-997		1	Shaft, Selector	43	1402-079		1	● Pin, Parallel
20	0423-402		1	Ring, Retaining	44	1402-042		1	● Collar, Sliding
21	0402-998		1	Fork, Selector	45	1402-054		1	● Fork
22	0402-417		1	Shaft, Shuttle	46	1402-058		2	● Ring, Retaining
23	0423-147		1	O-Ring	47	1402-057		1	● Spring
24	0402-999		1	Spring, Return	48	1402-063		1	● Spring
25	0402-413		1	Coupler, Drive	49	1402-656		1	● Shaft, Lock
26	0402-357		1	Collar, Lock	50	1402-104		1	● Fitting
27	0502-784		1	Gear, Pinion - Assembly - 11T (inc. 28-29)	51	1402-211		1	● Plug, Oil Level (inc. one No. 34)
28	0402-336		1	● Collar, Retaining	52	1402-056		1	● Seal
29	0402-327		1	● Bearing	53	1402-713		2	● Seal
30	0502-514		1	Housing, Gearcase	54	0402-333		1	Plug, Fill (inc. 55)
31	0402-328		1	Bearing	55	0423-154		1	● O-Ring



REAR DRIVE GEARCASE ASSEMBLY

0741-524

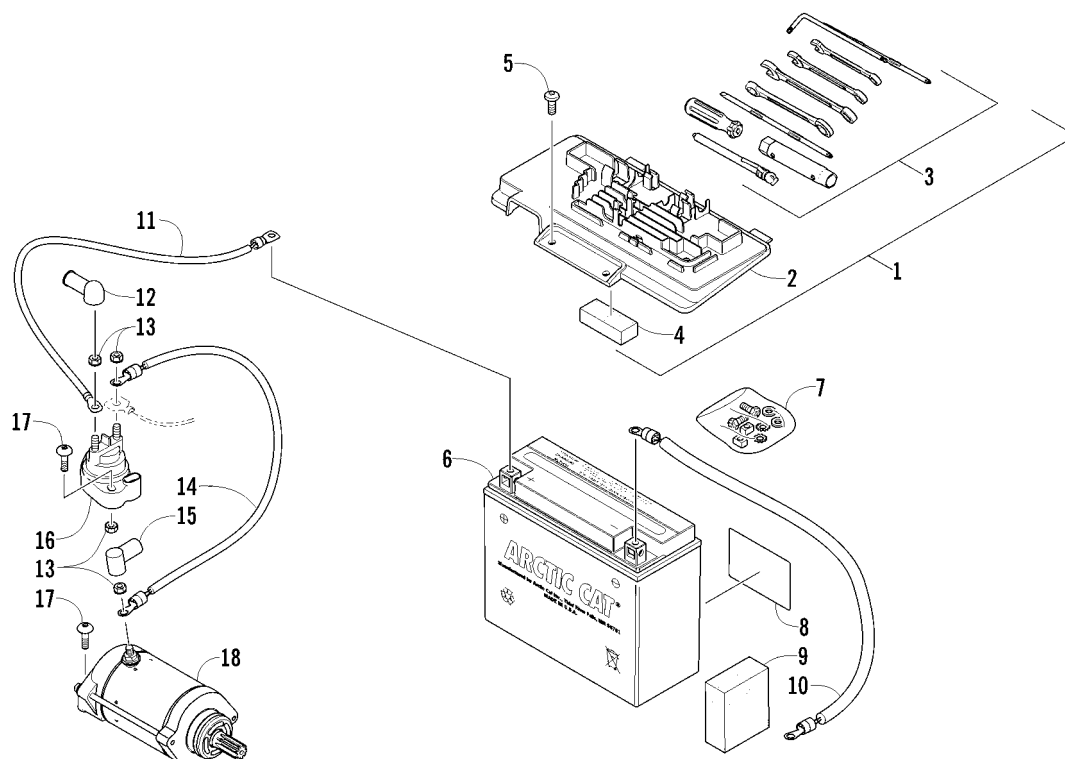
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-401		1	Complete Rear Drive Gearcase Assembly	12	1402-102		1	Fitting
1	1502-317		1	Housing, Gearcase	13	0423-118		11	Screw, Self-Tapping
2	0402-393		2	Bearing	14	1402-210		1	Plug, Fill (inc. one No. 15)
3	1402-713		2	Seal	15	0423-153		2	● O-Ring
4	1402-033		1	Gear, Ring - 34T	16	0402-328		1	Bearing
5	0402-405	AR		Shim, 41 x 49 x 1.3 mm	17	0502-784		1	Gear, Pinion - Assembly - 11T (inc. 18-19)
	0402-406	AR		Shim, 41 x 49 x 1.4 mm	18	0402-327		1	● Bearing
	0402-407	AR		Shim, 41 x 49 x 1.5 mm	19	0402-336		1	● Collar, Retaining
	0402-408	AR		Shim, 41 x 49 x 1.6 mm	20	0402-411		1	Pin, Dowel
	0402-409	AR		Shim, 41 x 49 x 1.7 mm	21	0402-331		1	Collar, Lock
6	0402-326		1	Button, Thrust	22	0402-982		1	Washer, Wave
7	0402-429	AR		Shim, 6.3 x 18 x 1.3 mm	23	0402-981		1	Collar, Shaft
	0402-430	AR		Shim, 6.3 x 18 x 1.4 mm	24	0402-947		1	Gasket, Flange
	0402-431	AR		Shim, 6.3 x 18 x 1.5 mm	25	0502-529		1	Housing, Pinion
	0402-432	AR		Shim, 6.3 x 18 x 1.6 mm	26	0423-417		1	Ring, Retaining
	0402-433	AR		Shim, 6.3 x 18 x 1.7 mm	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, Magnetic (inc. 11)	30	1502-085		1	Shaft, Input
11	0423-154		1	● O-Ring	31	1402-211		1	Plug, Oil Level (inc. one No. 15)



WIRING HARNESS ASSEMBLY

0745-420

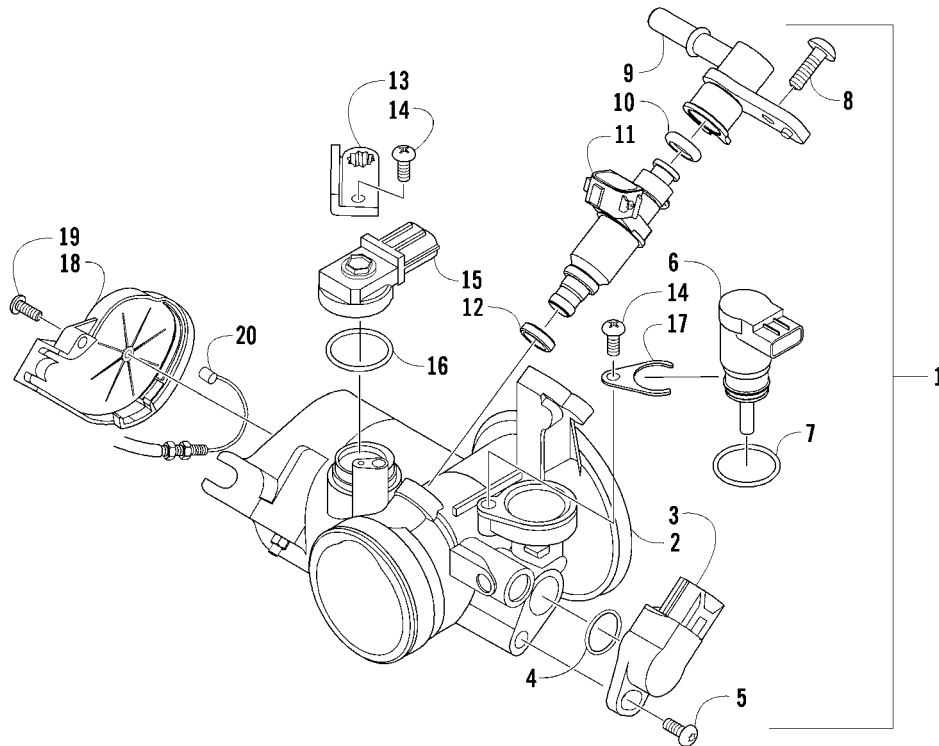
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-371	X	1	Harness, Main (inc. 2-10)	16	0824-043		1	Coil, Ignition
2	0486-164		1	● Tether, Accessory Connector	17	0824-049		1	Cap, Spark Plug
3	0430-085		1	● Cover, Fuse Block	18	8476-620		2	Screw, Machine
4	0430-045		6	● Relay (4-Pin) - 20 Amp	19	0623-038		2	Nut w/Washer
5	0430-034		2	● Diode	20	0824-037		1	Regulator, Voltage
6	0430-037		1	● Holder, Fuse	21	8476-625		2	Screw, Machine
7	0430-032		5	● Fuse - 10 Amp	22	0423-493		2	Nut w/Washer
	0430-031		4	● Fuse - 15 Amp	23	0409-064		1	Sensor, Tilt
	0430-030		3	● Fuse - 30 Amp	24	0123-802		2	Washer
8	2411-213		1	● Decal, Fuse Block	25	8468-425		2	Screw, Machine
9	0430-086		1	● Seal	26	0409-089		1	Switch, Brake - Assembly
10	0430-097	X	1	● Cover, Diagnostics Connector	27	0430-076		1	Cushion, ECU
11	0430-049		1	Flasher	28	0530-030		1	ECU
12	1436-416	X	1	Repair Kit, Connector - Tilt Sensor	29	0623-362		3	Rivet, Reinstallable
13	1436-417	X	1	Repair Kit, Connector - Idle Speed Control	30	2406-643		1	Tray, Electrical
14	1436-415	X	1	Repair Kit, Connector - LCD Gauge	31	0123-788		AR	Tie, Cable - 8 in.
15	1436-424	X	AR	Repair Kit, Connector - Headlight/Turn Signal/Position		0123-903		AR	Tie, Cable - 11.5 in.
					32	8476-516		1	Screw, Machine
					33	8427-502		1	Nut, Lock



BATTERY AND STARTER ASSEMBLY

0745-257

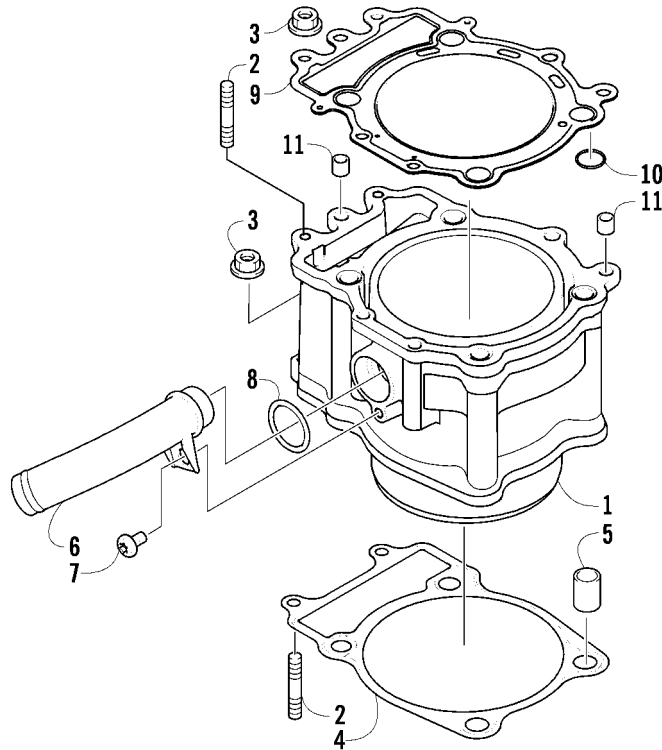
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-070		1	Cable, Battery/Ground
2	2406-815		1	● Cover, Battery	11	0445-062		1	Cable, Battery/Solenoid
3	0444-122		1	● Kit, Tool	12	0645-327		1	Boot, Terminal
4	0417-016		1	● Pad, Battery	13	0623-038		5	Nut w/Washer
5	8476-620		2	Screw, Machine	14	0445-064		1	Cable, Solenoid/Starter (inc. 15)
6	0645-480		1	Battery Assembly (inc. 7-8)	15	0645-019		1	● Boot, Terminal
7	0445-082		1	● Kit, Hardware	16	0445-058		1	Solenoid
8	0645-430		1	● Decal, Warning	17	8476-625		4	Screw, Machine
9	0417-012		1	Foam, Battery	18	0825-013		1	Motor, Starter - Assembly



THROTTLE BODY ASSEMBLY

0742-670

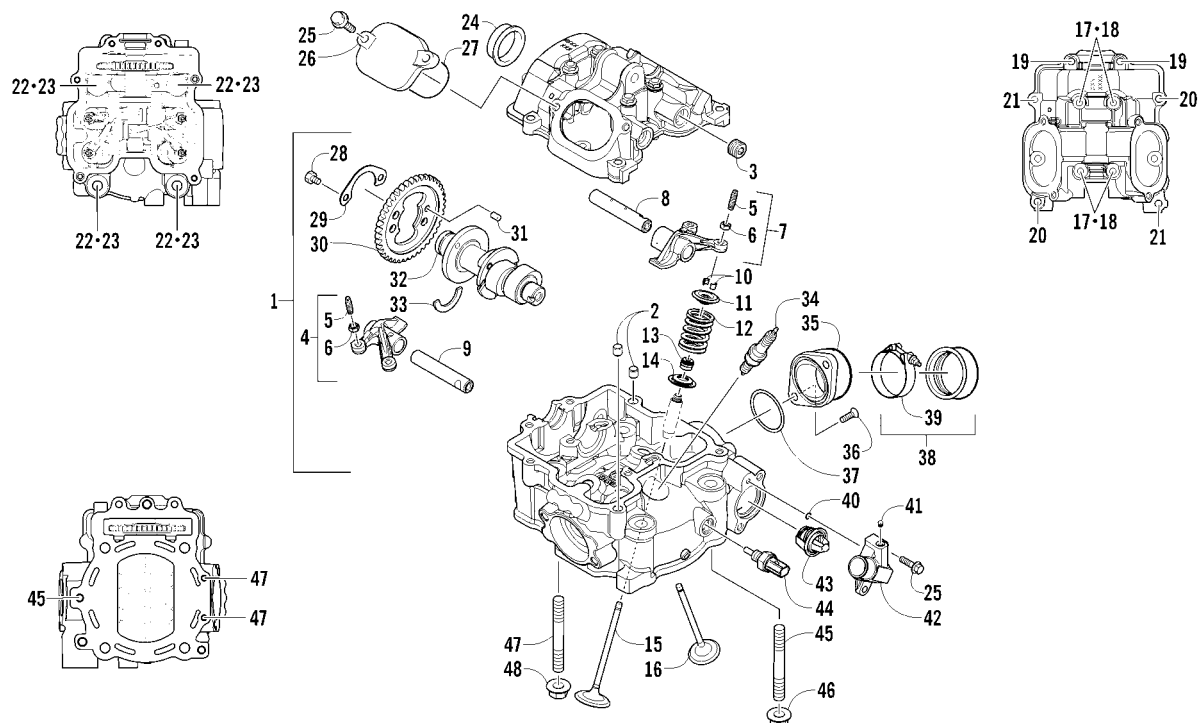
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-753		1	Throttle - Assembly (inc. 2-19)	11	0470-762		1	● Injector, Fuel
2	-		1	● Throttle Body - Not a Service Part	12	0470-768		1	● Seal
3	0430-072		1	● Sensor, Throttle Position	13	5507-227		1	● Bracket, MAP Sensor
4	5507-234		1	● O-Ring	14	5507-117		2	● Screw, Machine
5	5507-231		1	● Screw, Machine	15	0430-073		1	● Sensor, MAP
6	0430-074		1	● Valve, ISC	16	5507-232		1	● O-Ring
7	5507-233		1	● O-Ring	17	5507-229		1	● Plate, ISC Valve
8	5507-238		1	● Screw, Machine	18	5507-223		1	● Cover
9	0470-687		1	● Rail, Fuel	19	5507-037		1	● Screw, Machine
10	0470-767		1	● O-Ring	20	0487-057		1	Cable, Throttle



CYLINDER ASSEMBLY

0743-952

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0804-053	1	Cylinder	7	8468-612	1	Screw, Machine
2	0827-002	4	Bolt, Stud	8	0830-007	1	O-Ring
3	8424-604	4	Nut	9	0830-112	1	Gasket, Cylinder Head
4	0830-111	1	Gasket, Base	10	0830-113	4	O-Ring
5	0829-002	2	Pin, Dowel	11	0829-048	X 2	Pin, Dowel
6	0804-047	1	Union, Coolant Hose				

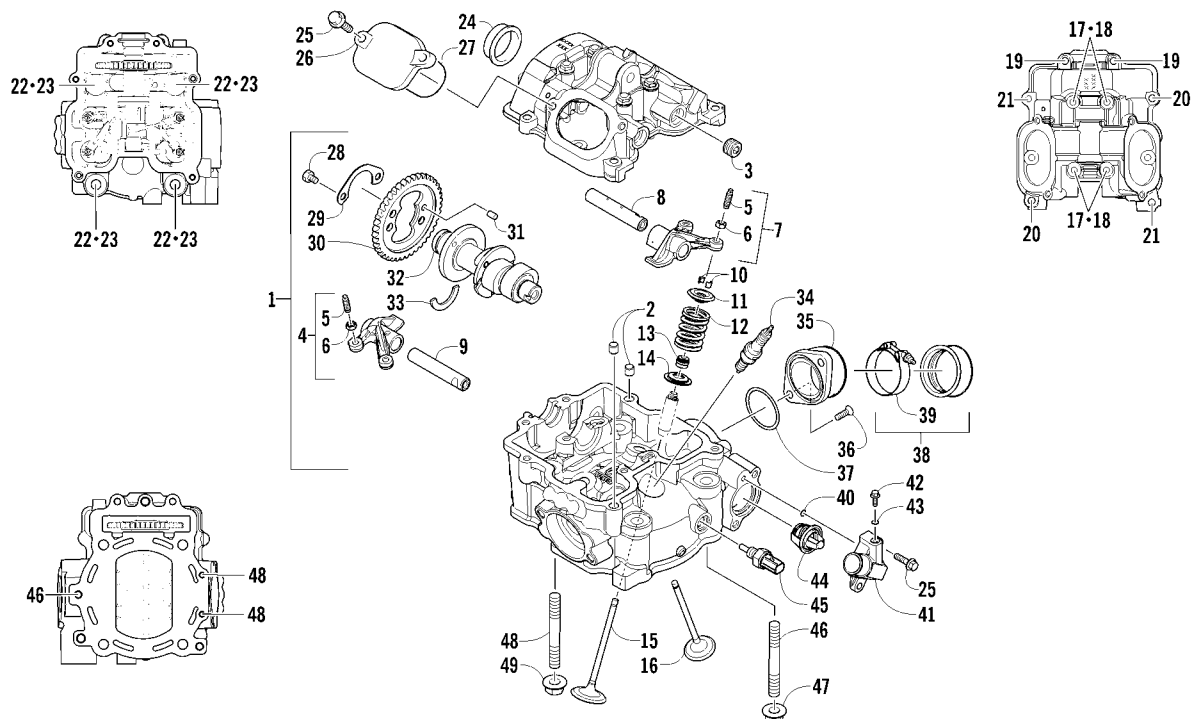


CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

(Up to Engine Serial No. 039069)

0745-333

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-184	X	1	Head, Cylinder - Assembly (inc. 2-17)	24	0808-077		1	Plug, Cylinder Head
2	0829-048	X	2	● Pin, Dowel	25	0826-007		6	Screw, Cap
3	0831-083	X	2	● Plug, Shaft	26	0808-003		2	Cap, Inspection
4	0809-237	X	1	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	27	0830-167		2	O-Ring
5	0809-240	X	4	●● Screw, Adjuster	28	0826-034		2	Screw, Cap
6	0827-059	X	4	●● Nut	29	0828-004		1	Plate, Retainer
7	0809-234	X	1	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	30	0809-002		1	Sprocket
8	0809-241	X	1	● Shaft, Rocker Arm - Intake	31	0829-049		1	Pin, Dowel
9	0809-242	X	1	● Shaft, Rocker Arm - Exhaust	32	0809-245		1	Camshaft
10	0809-233	X	8	● Cotter, Valve	33	0809-003		1	C-Ring
11	0809-232	X	4	● Retainer, Spring	34	0217-799		1	Spark Plug CPR8E
12	0809-231	X	4	● Spring, Valve	35	0470-668		1	Flange, Intake Manifold
13	0830-186	X	4	● Seal, Oil	36	0826-008		2	Screw, Machine
14	0809-215	X	4	● Seat, Spring - Valve	37	0830-090		1	O-Ring
15	0809-228	X	2	● Valve, Intake	38	0437-069	X	1	Boot (inc. 39)
16	0809-229	X	2	● Valve, Exhaust	39	1423-041	X	1	● Clamp
17	0826-149	X	4	● Screw, Cap	40	0830-168		1	O-Ring
18	0830-155	X	4	Gasket	41	0830-169		1	Plug
19	0826-002		2	Screw, Cap	42	0808-113		1	Cover, Thermostat
20	0826-005		2	Screw, Cap	43	0808-078		1	Thermostat
21	0826-006		2	Screw, Cap	44	0808-124		1	Switch, Engine Coolant Temperature
22	0808-037		4	Screw, Cap	45	0827-031		1	Bolt, Stud
23	0830-147		4	Washer	46	8424-804		1	Nut
					47	0827-054		2	Bolt, Stud
					48	8424-604		2	Nut



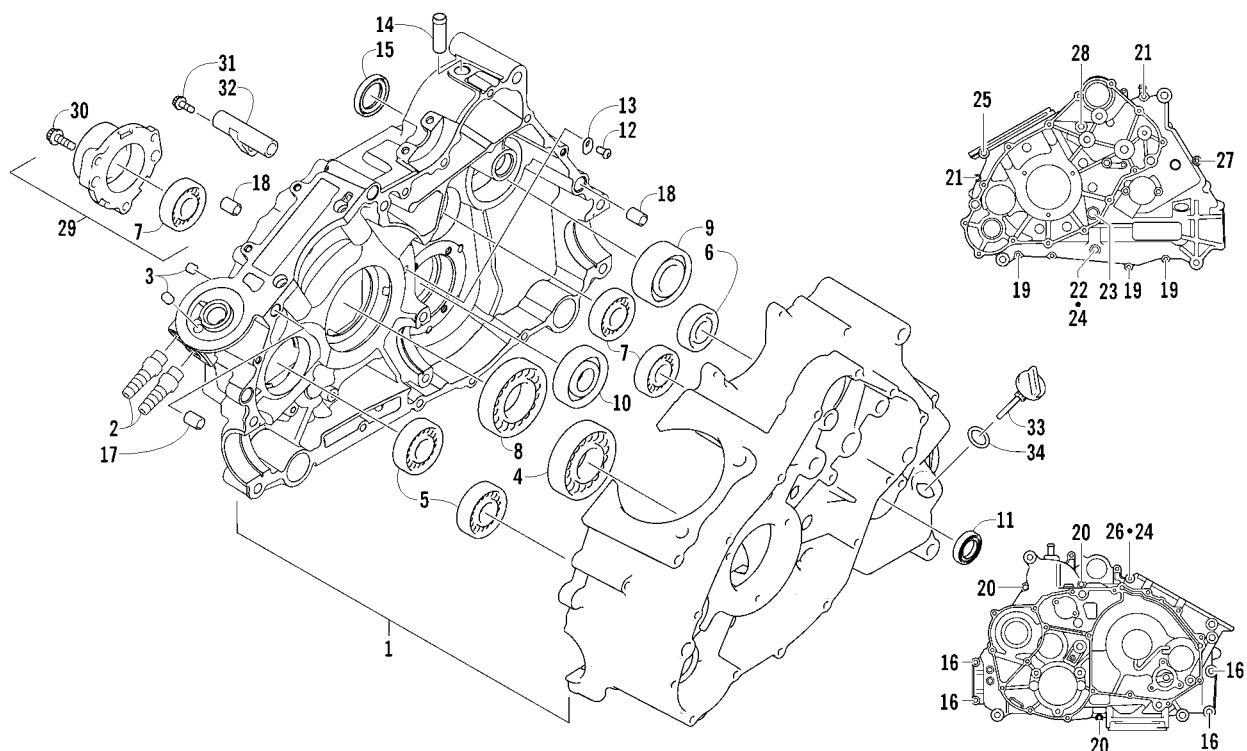
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

(Engine Serial No. 0309070 and Up)

0745-419

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-184	X	1	Head, Cylinder - Assembly (inc. 2-17)	25	0826-007		6	Screw, Cap
2	0829-048	X	2	● Pin, Dowel	26	0808-003		2	Cap, Inspection
3	0831-083	X	2	● Plug, Shaft	27	0830-167		2	O-Ring
4	0809-237	X	1	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	28	0826-034		2	Screw, Cap
5	0809-240	X	4	●● Screw, Adjuster	29	0828-004		1	Plate, Retainer
6	0827-059	X	4	●● Nut	30	0809-002		1	Sprocket
7	0809-234	X	1	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	31	0829-049		1	Pin, Dowel
8	0809-241	X	1	● Shaft, Rocker Arm - Intake	32	0809-245		1	Camshaft
9	0809-242	X	1	● Shaft, Rocker Arm - Exhaust	33	0809-003		1	C-Ring
10	0809-233	X	8	● Cotter, Valve	34	0217-799		1	Spark Plug CPR8E
11	0809-232	X	4	● Retainer, Spring	35	0470-668		1	Flange, Intake Manifold
12	0809-231	X	4	● Spring, Valve	36	0826-008		2	Screw, Machine
13	0830-186	X	4	● Seal, Oil	37	0830-090		1	O-Ring
14	0809-215	X	4	● Seat, Spring - Valve	38	0437-069	X	1	Boot (inc. 39)
15	0809-228	X	2	● Valve, Intake	39	1423-041	X	1	● Clamp
16	0809-229	X	2	● Valve, Exhaust	40	0830-168		1	O-Ring
17	0826-149	X	4	● Screw, Cap	41	0808-208	X	1	Cover, Thermostat (inc. 42-43)
18	0830-155	X	4	Gasket	42	8408-512		1	● Screw, Cap
19	0826-002		2	Screw, Cap	43	0423-182		1	● O-Ring
20	0826-005		2	Screw, Cap	44	0808-078		1	Thermostat
21	0826-006		2	Screw, Cap	45	0808-124		1	Switch, Engine Coolant Temperature
22	0808-037		4	Screw, Cap	46	0827-031		1	Bolt, Stud
23	0830-147		4	Washer	47	8424-804		1	Nut
24	0808-077		1	Plug, Cylinder Head	48	0827-054		2	Bolt, Stud
					49	8424-604		2	Nut

30

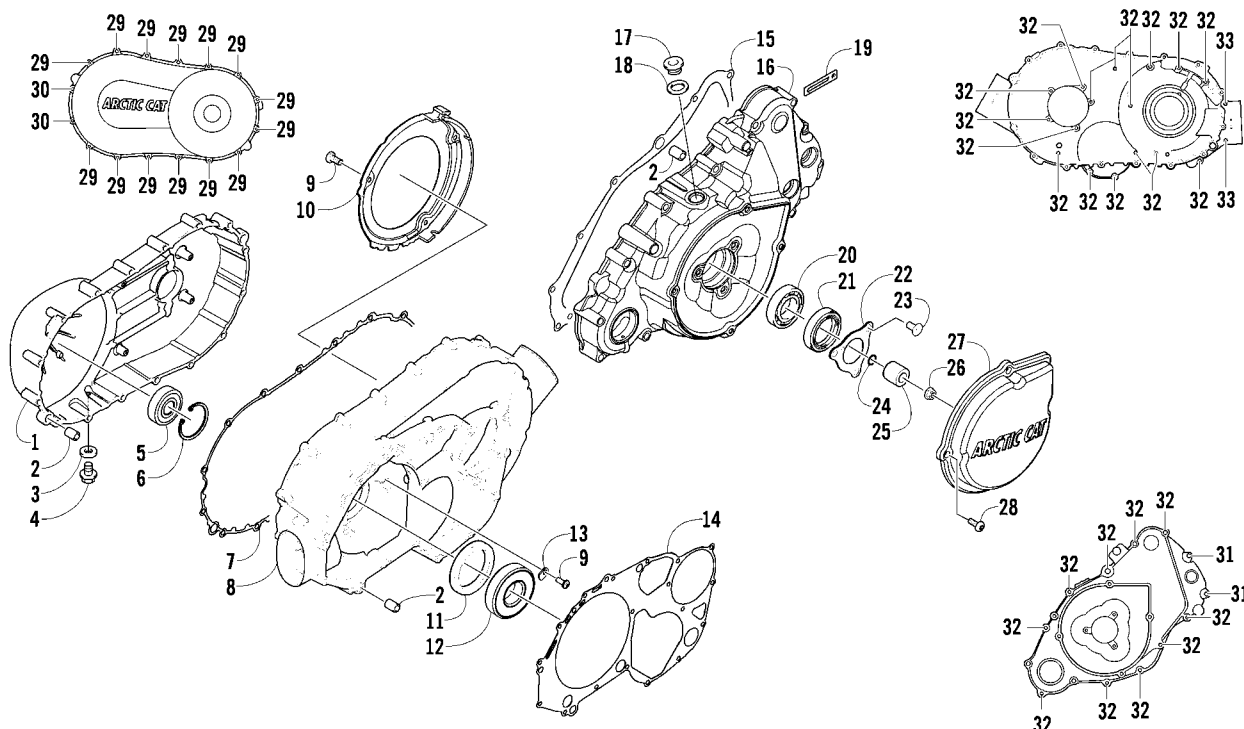


CRANKCASE ASSEMBLY

0744-766

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0801-150	1	Crankcase Assembly (inc. 2-15)	19	8468-645	3	Screw, Machine
2	0812-061	2	● Fitting, Adapter	20	8468-655	3	Screw, Machine
3	0801-002	2	● Plug	21	8468-675	2	Screw, Machine
4	0832-043	1	● Bearing	22	8412-860	1	Screw, Cap
5	0832-044	2	● Bearing	23	0826-017	1	Screw, Cap
6	0832-049	1	● Bearing	24	0830-008	2	Gasket
7	0832-050	3	● Bearing	25	0826-019	1	Screw, Cap
8	0832-042	1	● Bearing	26	0826-018	1	Screw, Cap
9	0832-048	1	● Bearing	27	8468-695	1	Screw, Machine
10	0832-077	1	● Bearing	28	8468-680	1	Screw, Machine
11	0822-052	1	● Seal, Countershaft	29	0801-029	1	Housing, Secondary Shaft (inc. one No. 7)
12	0826-100	4	● Screw, Machine	30	0826-105	3	Screw, Cap
13	0822-010	4	● Retainer, Bearing	31	0826-038	1	Screw, Cap
14	0801-028	1	● Pipe, Breather	32	0801-069	1	Pipe, Breather
15	0830-035	1	● Seal, Driveshaft	33	0801-179	1	Stick, Oil Level
16	8412-850	4	Screw, Cap	34	0830-010	1	O-Ring
17	0829-003	1	Pin, Dowel				
18	0829-002	5	Pin, Dowel				

32

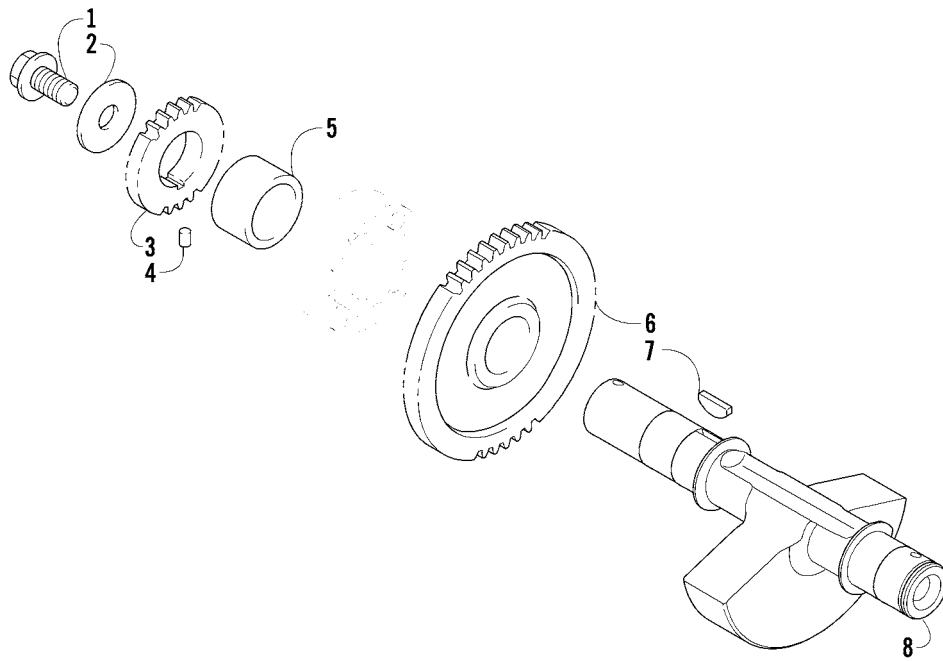


CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0743-969

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0806-089		1	Cover, V-Belt	18	0830-015		1	Washer, Crush
2	0829-002		6	Pin, Dowel	19	3002-964		1	Clamp, Wire
3	0830-013		1	Washer, Crush	20	0832-045		1	Bearing
4	8408-812		1	Screw, Cap	21	0830-158		1	Seal
5	0832-060		1	Bearing	22	0805-008		1	Retainer, Seal
6	0831-078		1	Ring, Retaining	23	0826-031		3	Screw, Machine
7	0830-174		1	Gasket, V-Belt Cover	24	0830-108		1	O-Ring
8	0806-086		1	Cover, Clutch	25	0820-061		1	Bushing
9	0826-029		5	Screw, Machine	26	0827-008		1	Nut
10	0806-048		1	Plate, Air Intake	27	0820-062		1	Cover, Magneto
11	0830-188		1	Seal	28	8468-616		4	Screw, Machine
12	0832-047		1	Bearing	29	8468-645		14	Screw, Machine
13	0822-010		2	Retainer, Bearing	30	8468-655		2	Screw, Machine
14	0830-116		1	Gasket, Clutch Cover	31	8468-625		2	Screw, Machine
15	0830-128		1	Gasket, Magneto Cover	32	8468-640		26	Screw, Machine
16	0806-082		1	Cover, Magneto - Assembly	33	8468-675		2	Screw, Machine
17	0826-155		1	Plug					

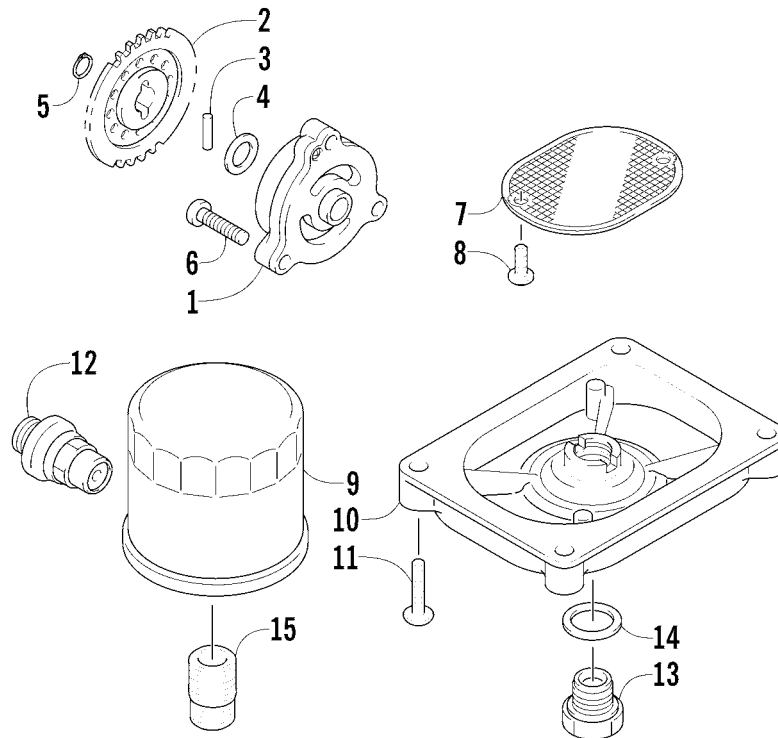
34



CRANK BALANCER ASSEMBLY

0739-941

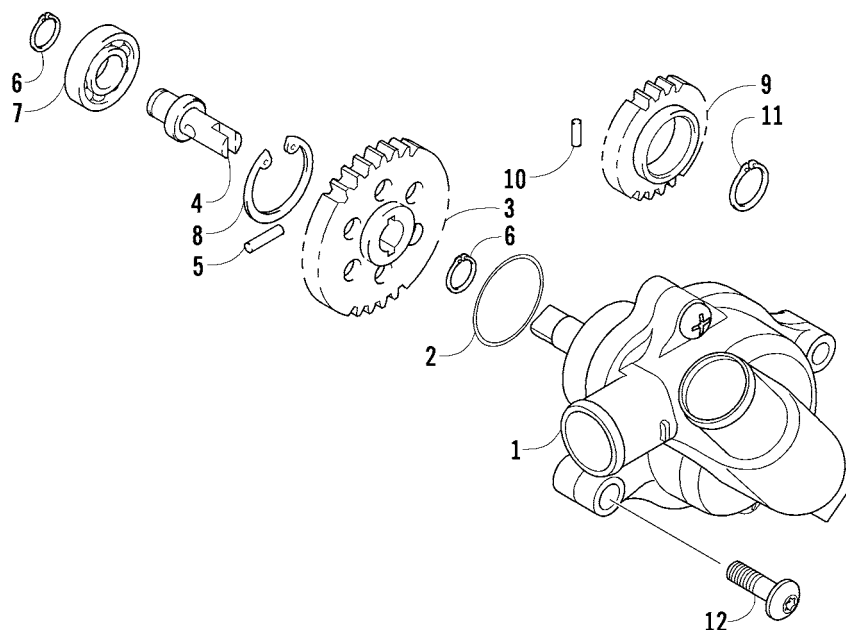
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0826-033	1	Screw, Cap	5	0811-004	1	Spacer
2	0828-003	1	Washer	6	0811-002	1	Gear, Driven
3	0811-003	1	Gear, Oil Pump Drive	7	0829-006	1	Key
4	0829-007	1	Pin, Dowel	8	0811-017	1	Balancer, Crank



OIL FILTER/PUMP ASSEMBLY

0744-012

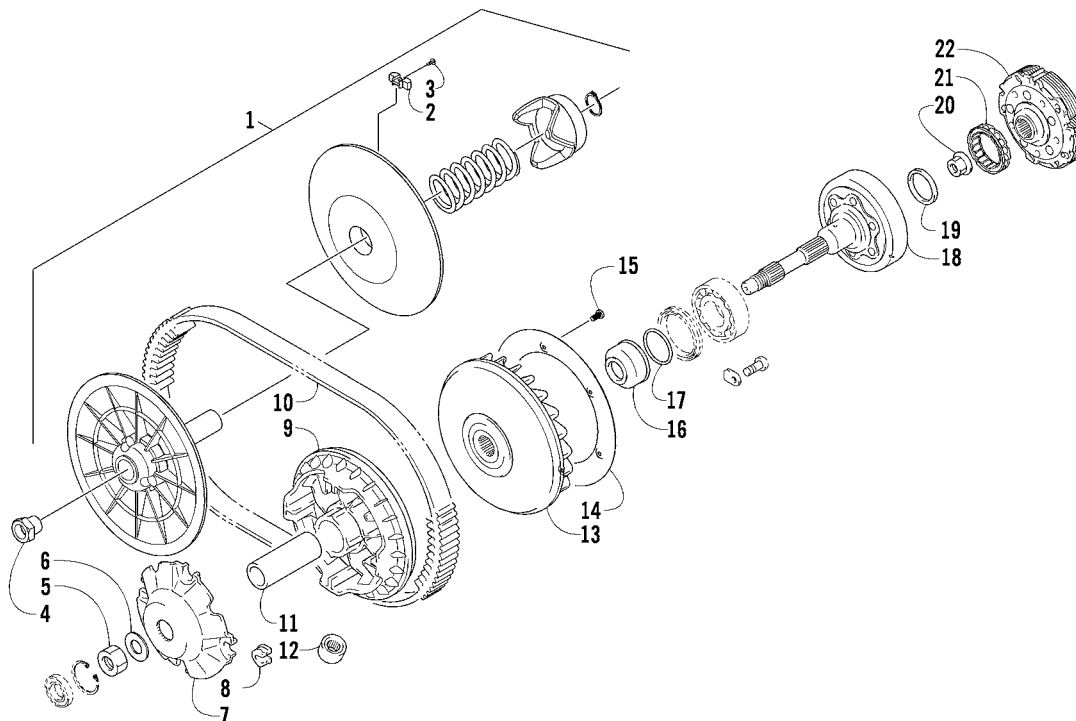
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0812-023		1	Pump, Oil	9	0812-029		1	Filter, Oil
2	0812-083		1	Gear, Driven	10	0812-053		1	Cap, Oil Strainer
3	0829-009		1	Pin	11	8468-625		4	Screw, Machine
4	0828-007		1	Washer	12	0812-007		1	Valve, Oil-Relief - Assembly
5	0831-002		1	Ring, Retaining	13	0812-006		1	Plug, Drain
6	0826-039		3	Screw, Machine	14	0830-017		1	Gasket, Drain Plug
7	0812-057		1	Strainer, Oil	15	0812-008		1	Union, Filter
8	0826-040		2	Screw, Machine					



WATER PUMP ASSEMBLY

0739-945

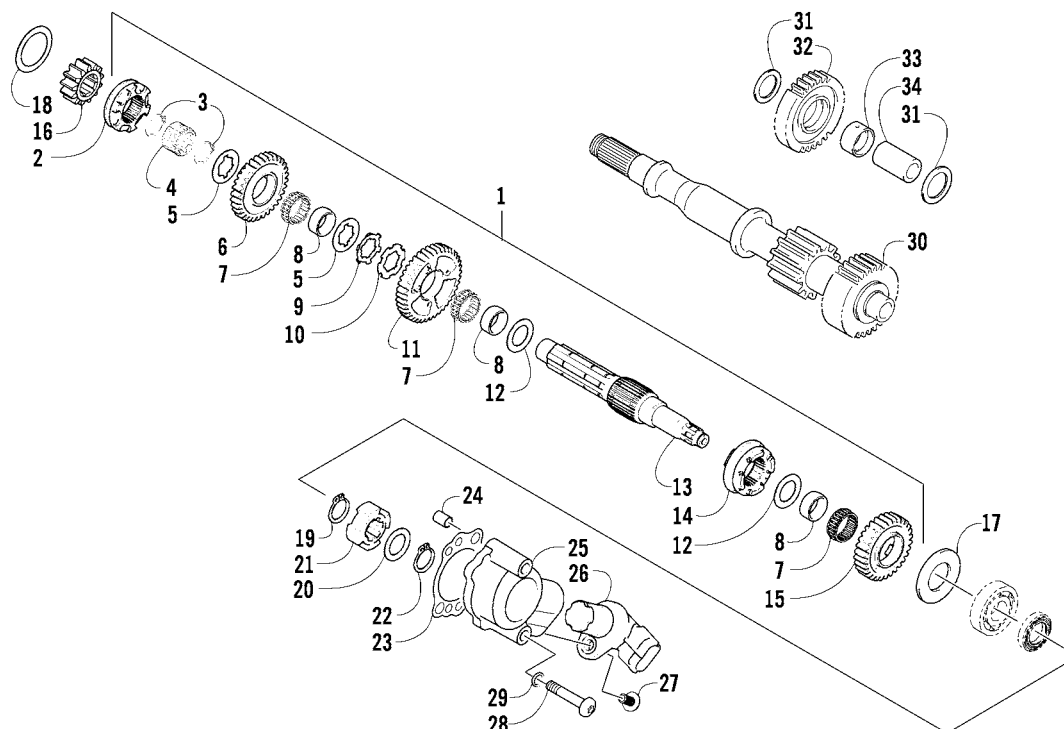
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-001	1	1	Pump, Water - Assembly (inc. 2)	7	0832-046	1	1	Bearing, Shaft
2	0830-029	1	1	● O-Ring	8	0831-004	1	1	Ring, Retaining
3	0813-004	1	1	Gear, Driven	9	0811-003	1	1	Gear, Water Pump Drive
4	0813-005	1	1	Shaft, Driven Gear	10	0829-007	1	1	Pin, Alignment
5	0829-009	1	1	Pin, Driven Gear	11	0831-005	1	1	Ring, Retaining
6	0831-002	2	2	Ring, Retaining	12	8468-665	2	2	Screw, Machine



TRANSMISSION ASSEMBLY

0743-967

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-157		1	Pulley, Driven - Assembly (inc. 2-4)	12	0823-167		8	Roller
2	0823-176		3	● Shoe, Cam	13	0823-156		1	Face, Fixed Drive
3	0823-177		3	● Screw, Machine	14	0823-131		1	Shroud, Drive Face
4	0823-178		1	● Nut	15	0623-914		6	Screw, Self-Tapping
5	0827-010		1	Nut	16	0823-015		1	Spacer, Fixed Drive Face
6	0828-106		1	Washer	17	0470-531		1	O-Ring
7	0823-008		1	Plate, Movable Drive Face	18	0821-002		1	Housing, Clutch - Assembly
8	0823-010		4	Damper, Movable Drive Face	19	0830-189		1	Seal
9	0823-159		1	Face, Movable Drive	20	0827-011		1	Nut
10	0823-013		1	Belt, Drive	21	0823-018		1	Clutch, One-Way
11	0823-149		1	Spacer	22	0823-310		1	Clutch, Centrifugal - 6 Plate

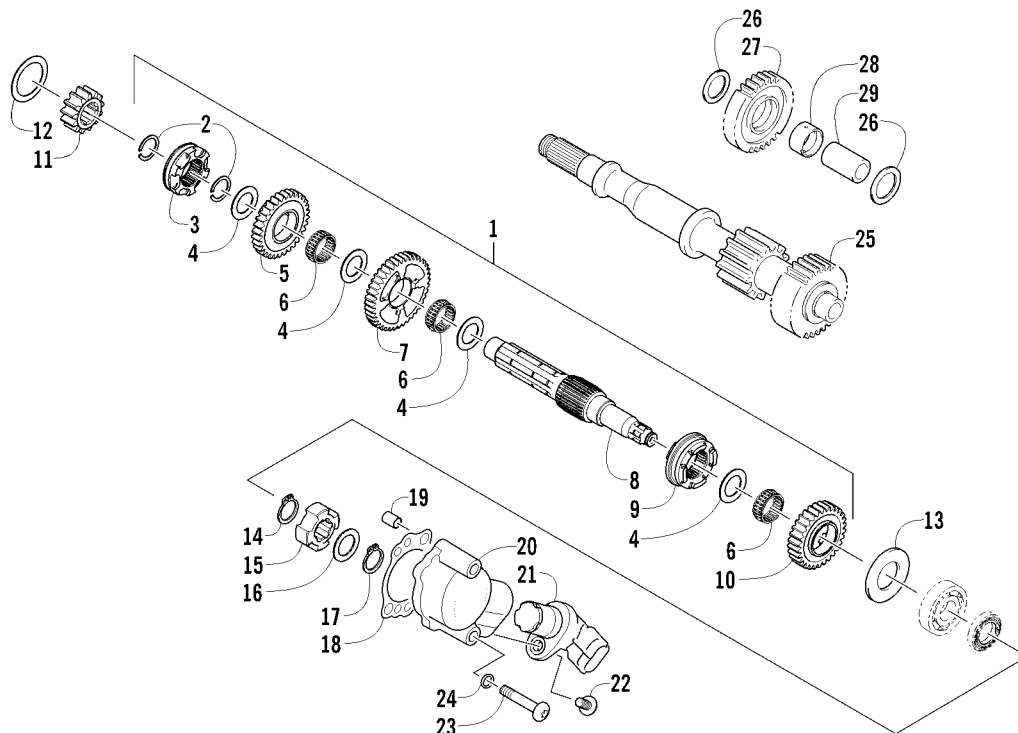


SECONDARY TRANSMISSION ASSEMBLY

(Up to Engine Serial No. 0264069)

0743-765

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-091		1	Countershaft Assembly (inc. 2-15)	18	0828-019		1	Washer, Thrust
2	0822-014		1	● Gear Select, Reverse	19	0831-040		1	Ring, Retaining
3	0831-011		2	● Ring, Retaining	20	0828-069		1	Washer, Thrust
4	0822-045		1	● Spacer, Reverse Driven Gear	21	0822-050		1	Trigger, Speedometer Sensor
5	0828-008		2	● Washer	22	0831-039		1	Ring, Retaining
6	0822-013		1	● Gear, Reverse Driven	23	0830-129		1	Gasket
7	0832-011		3	● Bearing	24	0829-023		2	Pin, Dowel
8	0822-005		3	● Bushing	25	0822-049		1	Housing, Speedometer Sensor
9	0828-014		1	● Washer, Lock	26	0824-042		1	Sensor, Speedometer
10	0828-015		1	● Washer, Lock	27	8468-620		1	Screw, Machine
11	0822-004		1	● Gear, Driven - Low	28	8468-645		2	Screw, Machine
12	0822-046		2	● Washer	29	0830-107		2	Gasket
13	0822-003		1	Countershaft	30	0822-001		1	Driveshaft
14	0822-007		1	● Gear Select, Sliding	31	0828-016		2	Washer, Thrust
15	0822-006		1	● Gear, Driven - High	32	0822-011		1	Gear, Reverse Idle
16	0822-089		1	Gear, Drive	33	0822-012		1	Bushing
17	0828-011		1	Washer	34	0822-015		1	Shaft, Reverse Idle

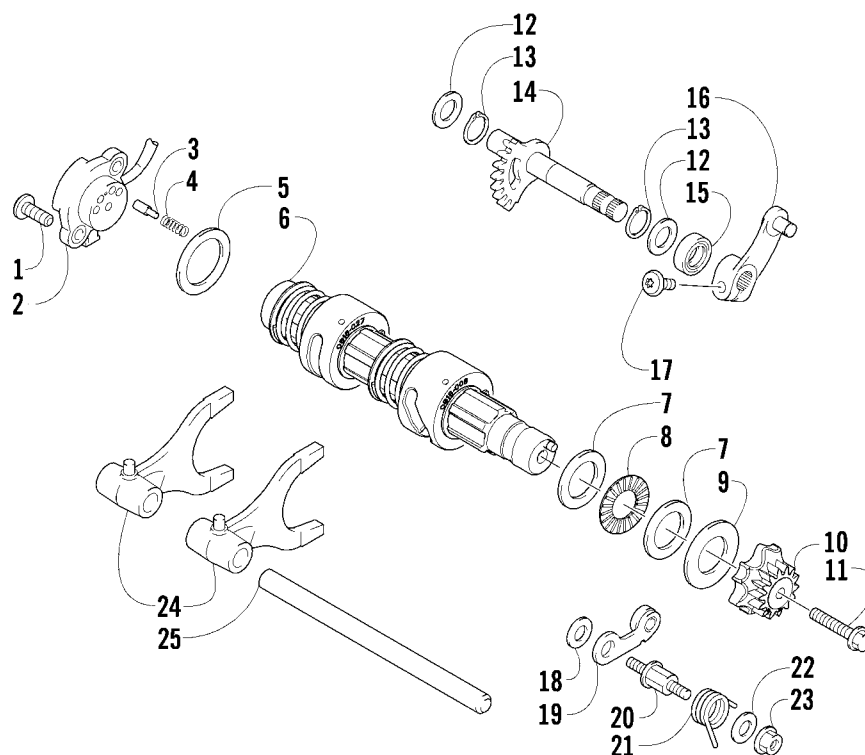


SECONDARY TRANSMISSION ASSEMBLY

(Engine Serial No. 0264070 and Up)

0745-260

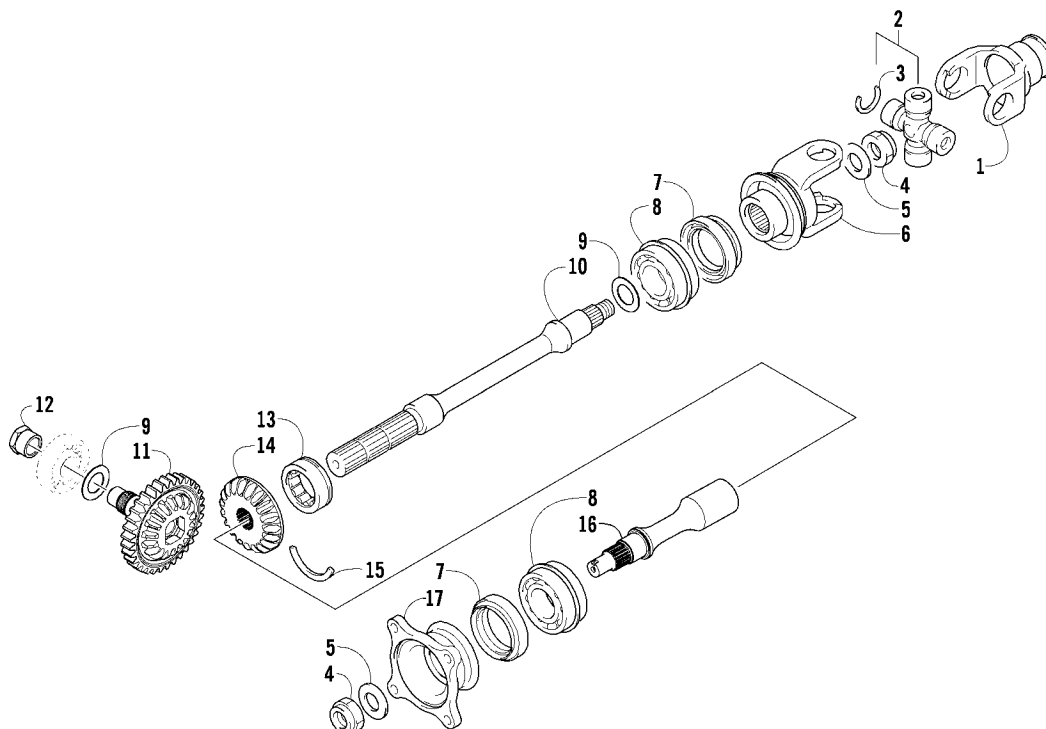
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124	X	1	Countershaft Assembly (inc. 2-10)	16	0828-069		1	Washer, Thrust
2	0831-085	X	2	● Ring, Retaining	17	0831-039		1	Ring, Retaining
3	0822-120	X	1	● Gear Select, Reverse	18	0830-129		1	Gasket
4	0822-121	X	4	● Shim	19	0829-023		2	Pin, Dowel
5	0822-119	X	1	● Gear, Reverse Driven	20	0822-049		1	Housing, Speedometer Sensor
6	0832-082	X	3	● Bearing	21	0824-042		1	Sensor, Speedometer
7	0822-114	X	1	● Gear, Driven - Low	22	8468-620		1	Screw, Machine
8	0822-113	X	1	● Countershaft	23	8468-645		2	Screw, Machine
9	0822-116	X	1	● Gear Select, Sliding	24	0830-107		2	Gasket
10	0822-115	X	1	● Gear, Driven - High	25	0822-001		1	Driveshaft
11	0822-125	X	1	Gear, Drive	26	0828-016		2	Washer, Thrust
12	0828-019		1	Washer, Thrust	27	0822-011		1	Gear, Reverse Idle
13	0828-011		1	Washer	28	0822-012		1	Bushing
14	0831-040		1	Ring, Retaining	29	0822-015		1	Shaft, Reverse Idle
15	0822-050		1	Trigger, Speedometer Sensor					



GEAR SHIFTING ASSEMBLY

0743-770

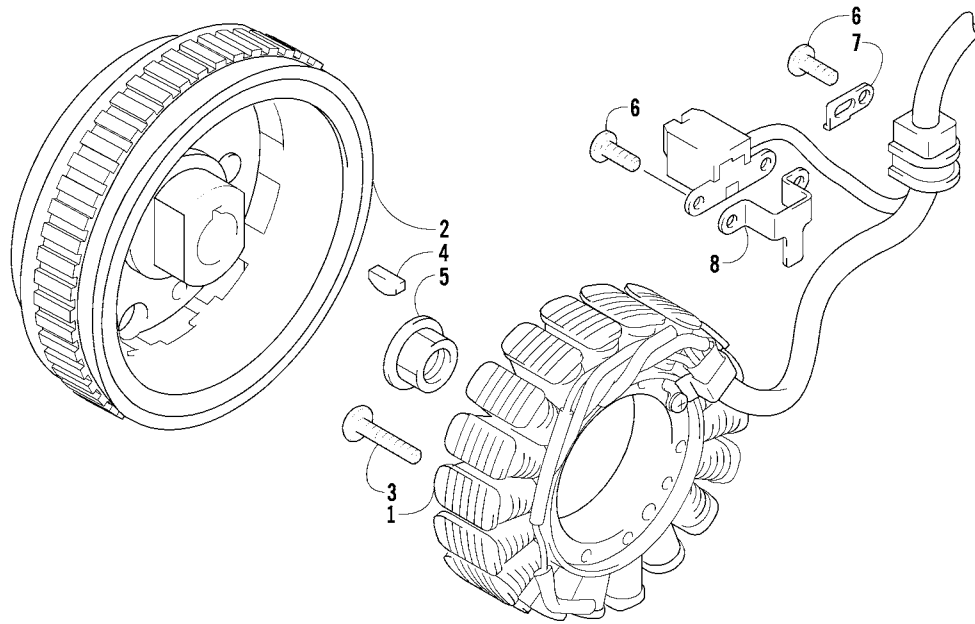
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8470-520	2		Screw, Machine	14	0818-007	1		Shaft, Sub-Gear Shift
2	0409-090	1		Switch, Gear Position	15	0830-044	1		Seal, Sub-Gear Shift Shaft
3	0818-013	2		Contact	16	0818-014	1		Arm, Select
4	0818-017	2		Spring	17	8468-620	1		Screw, Machine
5	0828-040	1		Washer	18	0828-038	1		Washer
6	0818-046	1		Shaft, Gear Shift - Assembly	19	0818-002	1		Stopper, Cam
7	0828-095	2		Washer	20	0818-004	1		Support, Cam Stopper
8	0832-052	1		Bearing, Thrust	21	0818-090	1		Spring
9	0828-037	1		Washer	22	0828-035	1		Washer
10	0818-089	1		Plate, Gear Shift Cam	23	8424-602	1		Nut
11	0826-006	1		Screw, Cap	24	0818-072	2		Fork, Shift
12	0828-036	2		Washer	25	0818-006	1		Shaft, Shift Fork
13	0831-010	2		Ring, Retaining					



SECONDARY DRIVE ASSEMBLY

0743-766

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0819-063		1	Yoke, Propeller Shaft Joint	10	0819-089		1	Shaft, Secondary Driven - Front
2	1402-164		1	Joint, Universal - Set (inc. 3)	11	0822-107		1	Gear, Secondary Drive - (Up to Engine Serial No. 0264069)
3	0423-450		4	● Ring, Retaining		0822-131	X	1	Gear, Secondary Drive - (Engine Serial No. 0264070 and Up)
4	0827-013		2	Nut	12	0827-052		1	Nut
5	0828-020		2	Washer	13	0832-016		1	Bearing
6	0819-061		1	Yoke, Drive Output - Front	14	0822-106		1	Gear, Secondary Driven
7	0830-043		2	Seal, Oil	15	0819-011		1	Ring, Driven Bearing
8	0832-017		2	Bearing	16	0819-053		1	Shaft, Secondary Driven - Rear
9	0828-021	AR		Shim, 25 x 34 x 0.25 mm	17	0819-005		1	Flange, Output Joint - Rear
	0828-022	AR		Shim, 25 x 34 x 0.30 mm					
	0828-023	AR		Shim, 25 x 34 x 0.70 mm					
	0828-024	AR		Shim, 25 x 34 x 0.90 mm					
	0828-025	AR		Shim, 25 x 34 x 0.95 mm					
	0828-026	AR		Shim, 25 x 34 x 1.00 mm					
	0828-027	AR		Shim, 25 x 34 x 1.05 mm					
	0828-028	AR		Shim, 25 x 34 x 1.10 mm					
	0828-029	AR		Shim, 25 x 34 x 1.15 mm					



MAGNETO ASSEMBLY

0742-692

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0802-041	1	Stator - Assembly	5	0827-014	1	Nut
2	0802-048	1	Rotor/Flywheel	6	8470-510	3	Screw, Machine
3	0826-102	3	Screw, Machine	7	0802-015	1	Clamp - No. 1
4	0829-012	1	Key	8	0802-016	1	Clamp - No. 2

