2012 ATV

Illustrated Parts Manual

550 EFT

Model Number A2012IB04EETP

ARCTIC CAT®
SHARE OUR PASSION.™

TABLE OF CONTENTS

2012 ATV 550 EFT

Black (Model No. A2012IBO4EETP)

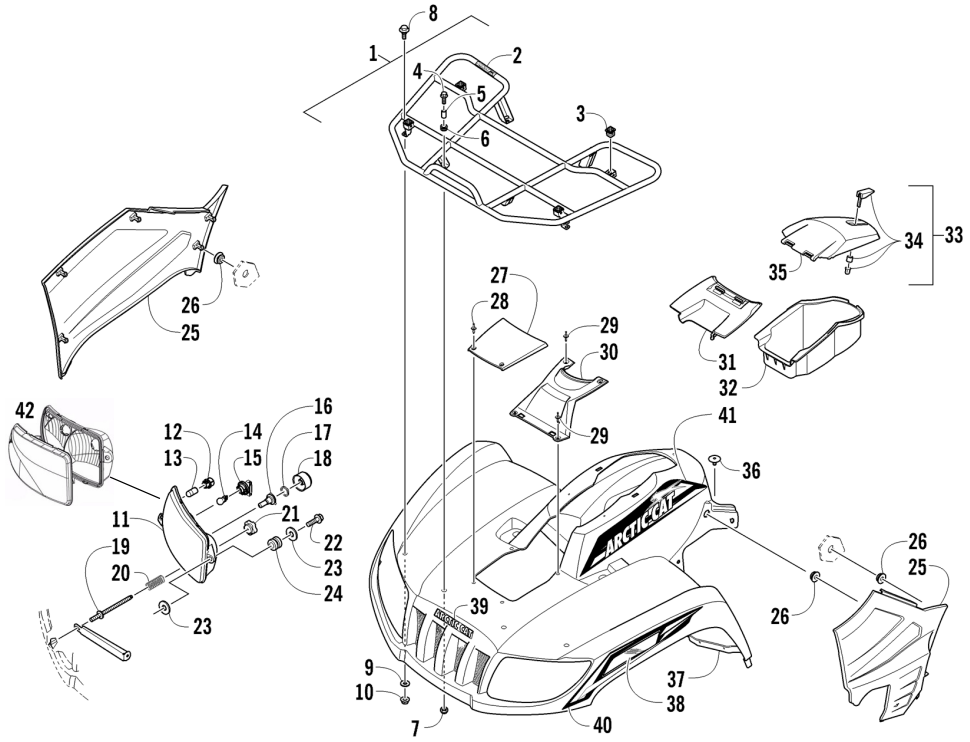
FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES 1
REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES 2
FRAME AND RELATED PARTS 3
WINCH ASSEMBLY 4
LICENSE PLATE HOLDER ASSEMBLY 5
SEAT ASSEMBLY 6
STEERING ASSEMBLY 7
HANDLEBAR ASSEMBLY 8
INSTRUMENT POD ASSEMBLY 9
FRONT SUSPENSION ASSEMBLY 10
REAR SUSPENSION 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 28
CAM CHAIN ASSEMBLY 29
CRANKCASE ASSEMBLY 30
CRANKSHAFT AND PISTON ASSEMBLY 31
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY 32
STARTER CLUTCH ASSEMBLY 33
CRANK BALANCER ASSEMBLY 34
OIL FILTER/PUMP ASSEMBLY 35
WATER PUMP ASSEMBLY 36
TRANSMISSION ASSEMBLY 37
SECONDARY TRANSMISSION ASSEMBLY 38
GEAR SHIFTING ASSEMBLY 39
SECONDARY DRIVE ASSEMBLY 40
MAGNETO ASSEMBLY 41

■ **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.**

©2011 Arctic Cat Inc.

Effective October 2011

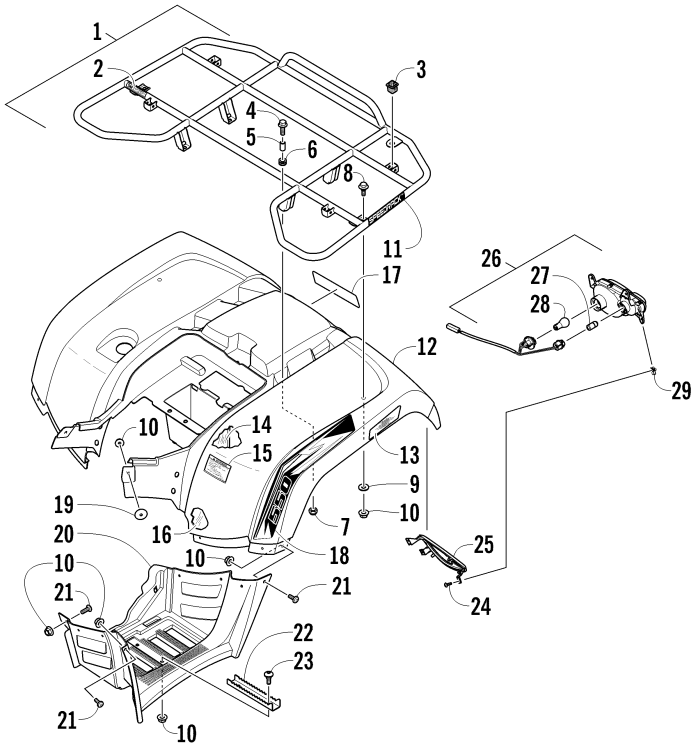
®™ Trademarks of Arctic Cat Inc., Thief River Falls, MN 56701



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0745-898

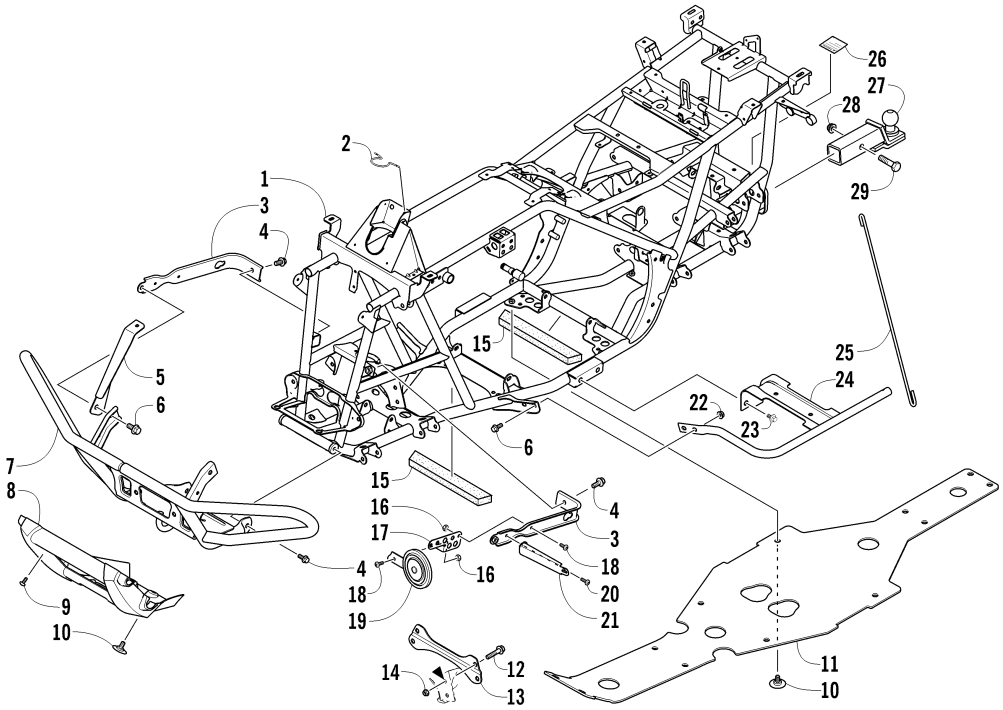
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	22	0623-785		4	Screw, Self-Tapping
2	0411-576		1	● Decal, Warning - Load	23	8050-217		8	Washer
3	0441-592		4	● Bushing	24	0423-447		4	Grommet
4	8410-830		4	Screw, Cap	25	2406-300		1	Panel, Side - Lower - Right
5	0423-669		4	Spacer		2406-419		1	Panel, Side - Lower - Left
6	0423-465		4	Grommet	26	0423-678		8	Grommet
7	8432-802		4	Nut, Lock	27	1406-358		1	Cover, Access
8	0423-654		2	Screw, Shoulder	28	0423-535		2	Rivet, Reinstallable
9	8050-222		2	Washer	29	0623-362		4	Rivet, Reinstallable
10	0423-540		2	Nut, Lock	30	1406-484		1	Cover, Steering Post
11	0509-036		1	Headlight Assy - Right (inc. 12-18 & 42)	31	0470-513		1	Cover, Storage Box
	0509-037		1	Headlight Assy - Left (inc. 12-18 & 42)	32	1406-573		1	Box, Storage
12	0409-102		2	● Socket, Position Bulb	33	2506-234		1	Lid, Storage Box w/Latch (inc. 34-35)
13	0409-101		2	● Bulb, Position	34	1406-599		1	● Latch, Storage Box
14	0409-099		2	● Bulb, Turn Signal	35	0470-514		1	● Lid, Storage Box
15	0409-100		2	● Socket, Turn Signal Bulb	36	0423-101		2	Screw, Shoulder
16	0409-096		2	● Bulb, Headlight	37	2406-523		1	Panel, Fender - Black
17	0409-097		2	● Retainer, Spring	38	0411-818		1	Decal, Reflector - Right - Amber
18	0409-098		2	● Boot, Rubber		0411-819		1	Decal, Reflector - Left - Amber
42	0409-094		1	● Headlight,Reflector/Lens-RH ECE	39	1411-725		1	Decal, “Arctic Cat”
	0409-095		1	● Headlight,Reflector/Lens-LH ECE	40	2411-716	X	1	Decal, Side - Front Right
19	0423-514		2	Stud, Adjuster - Headlight		2411-717	X	1	Decal, Side - Front Left
20	0423-522		2	Spring, Adjuster	41	2411-718	X	1	Decal, Side - Upper Right
21	0423-513		2	Knob, Adjuster		2411-719	X	1	Decal, Side - Upper Left



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0745-900

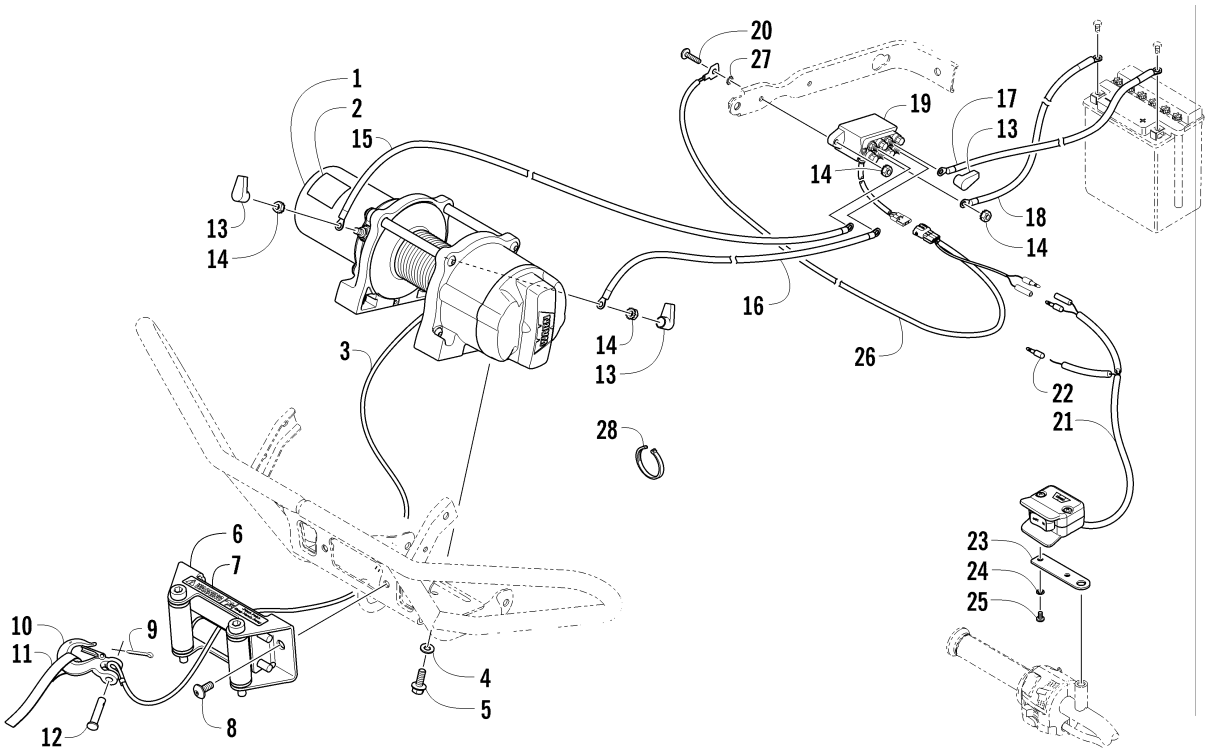
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-125		1	Rack, Rear - Assembly (inc. 2-3)	17	1411-725		1	Decal, “Arctic Cat”
2	0411-648		1	● Decal, Warning - Load	18	2411-864	X	1	Decal, Side - Lower Right
3	0441-592		4	● Bushing, Rack		2411-865	X	1	Decal, Side - Lower Left
4	8410-830		4	Screw, Cap	19	0423-101		2	Screw, Shoulder
5	0423-669		4	Spacer	20	1406-356		1	Footwell - Right
6	0423-465		4	Grommet		2406-429		1	Footwell - Left
7	8432-802		4	Nut, Lock	21	0423-419		18	Screw, Machine
8	0423-654		2	Screw, Shoulder	22	1506-125		2	Footpeg
9	8050-222		2	Washer	23	0423-355		4	Screw, Shoulder
10	0423-540		26	Nut, Lock	24	8476-516		6	Screw, Machine
11	0411-965		2	Decal, “Speedrack”	25	0409-112		1	Bezel, Taillight - Right
12	2506-885		1	Panel, Fender - Black		0409-113		1	Bezel, Taillight - Left
13	1411-592		1	Decal, Reflector - Right - Red	26	3313-392		1	Taillight Assembly - Right (inc. 27-28)
	1411-593		1	Decal, Reflector - Left - Red		3313-393		1	Taillight Assembly - Left (inc. 27-28)
14	0470-658		1	Foil, Protective	27	3313-506		2	● Bulb, Turn Signal
15	2411-609	X	1	Decal, Warning - Tire Pressure	28	3303-849		2	● Bulb, Taillight
16	0412-582		1	Foil, Protective	29	3304-061		6	Clip, U-Nut



FRAME AND RELATED PARTS

0745-902

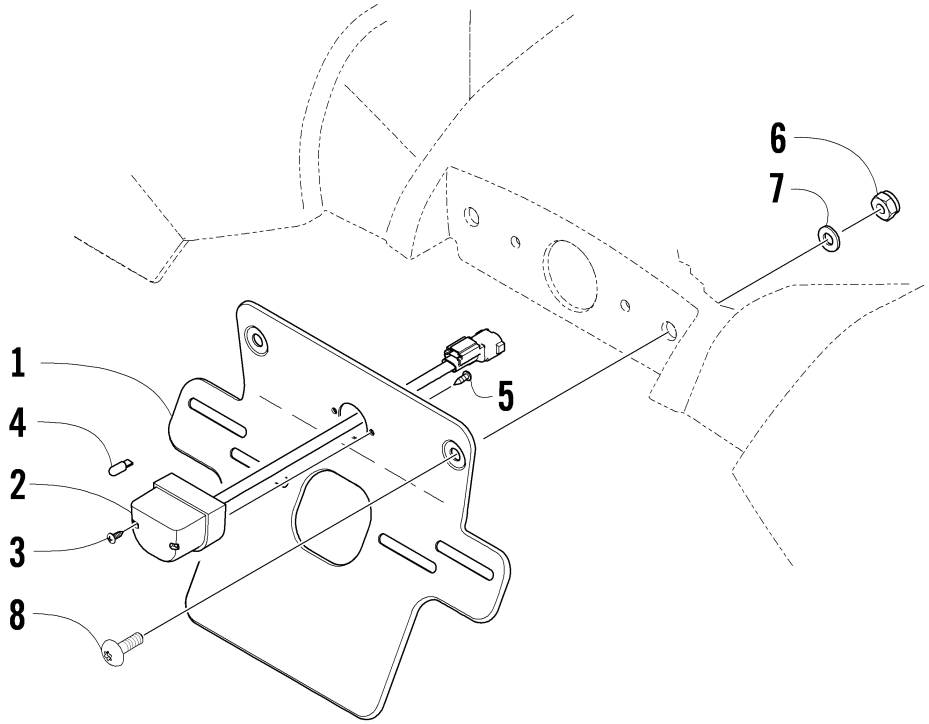
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-550	X	1	Frame, Main	16	0623-038		3	Nut w/Washer
2	2416-401		1	Clip, Routing	17	2406-321		1	Bracket, Mounting - Horn
3	1506-596		2	Channel, Mounting - Bumper	18	8477-616		2	Screw, Machine
4	8409-020		4	Screw, Cap	19	0430-053		1	Horn, 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		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

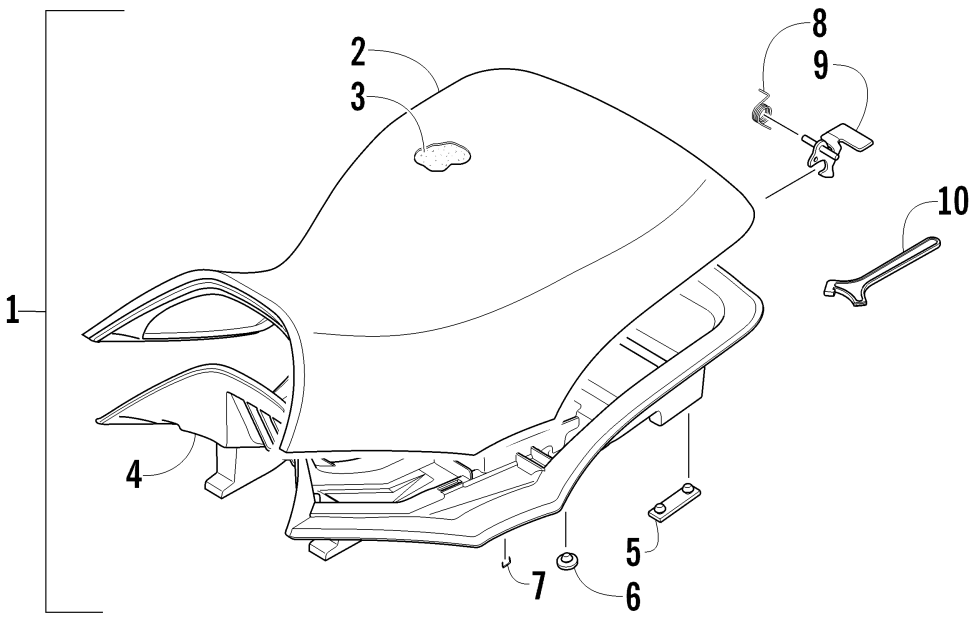
Ref	Part No.	New	Qty	Description
1	1441-657		1	Winch (inc. 2-3)
2	1411-826		1	● Decal, Warning
3	0441-061		1	● Cable, Winch
4	8051-246		4	Washer, Lock
5	8408-820		4	Screw, Cap
6	0441-403		1	Roller, Winch (inc. 7)
7	0411-474		1	● Decal, Warning - Pinch Point
8	8468-820		2	Screw, Machine
9	0623-175		1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



LICENSE PLATE HOLDER ASSEMBLY

0743-236

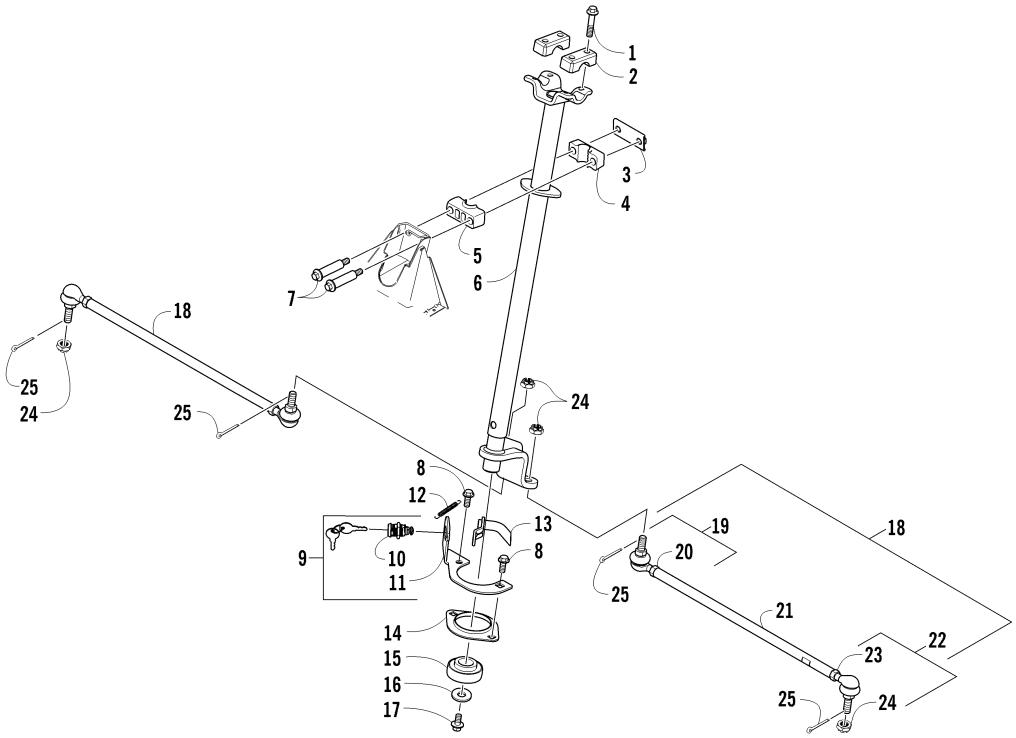
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-914		1	Mount, License Plate	5	0123-950		2	Screw, Self-Tapping
2	3304-772		1	Light, License Plate Assembly (inc. 3-4)	6	8432-802		2	Nut, Lock
3	3305-399		2	● Screw, Self-Tapping	7	8050-247		2	Washer
4	3303-847		1	● Bulb	8	8468-820		2	Screw, Machine



SEAT ASSEMBLY

0744-435

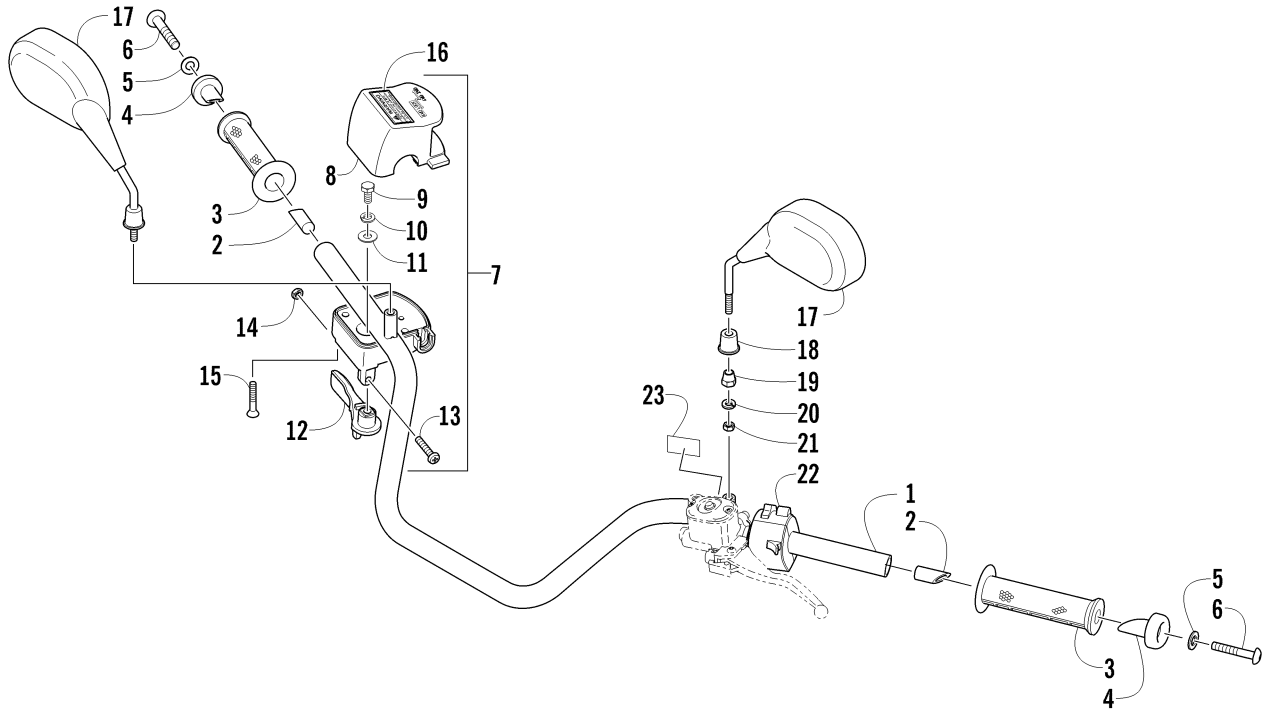
Ref	Part No.	New	Qty	Description
1	4506-557	X	1	Seat Assembly (inc. 2-9)
2	1506-209		1	● Cover, Seat
3	0517-119		1	● Foam, Seat
4	2416-826	X	1	● Base, Seat - Assembly (inc. 5-6)
5	0406-879		2	●● Bumper, Seat - Rear
6	0406-877		4	●● Bumper, Seat - Front
7	0624-263		AR	● Staple
8	1406-592		1	● Spring, Seat Latch
9	1506-156		1	● Latch, Seat
10	0441-587		1	Wrench, Spanner



STEERING ASSEMBLY

0745-326

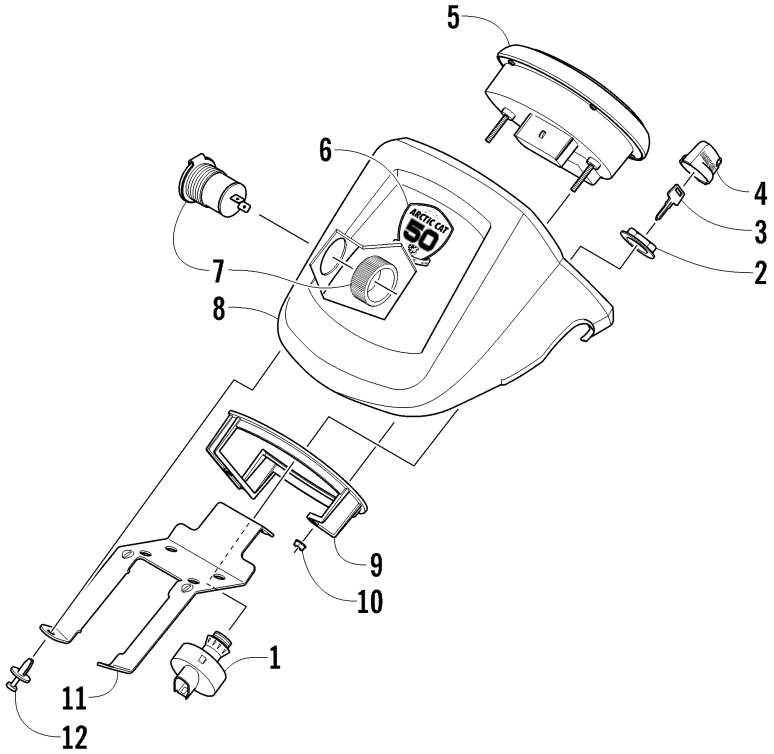
Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap
2	0405-035		2	Cap, Steering Adjuster
3	0505-484		1	Cap, Housing
4	0405-260		1	Housing, Upper
5	0405-259		1	Housing, Lower
6	0505-493		1	Post, Steering
7	0423-505		2	Screw, Shoulder
8	8408-820		2	Screw, Cap
9	0505-713		1	Steering Lock Assembly (inc. 10-13)
10	2406-354		1	● Lock
11	2406-349		1	● Bracket, Mounting - Lock
12	1423-058		1	● Spring
13	2506-173		1	● Latch
14	0602-233		1	Flange, Bearing
15	0405-052		1	Bearing w/Inverted Oil Seal
16	0423-073		1	Washer
17	8409-020		1	Screw, Cap
18	0505-499		2	Tie Rod - Assembly (inc. 19-23)
19	0505-511		2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 20)
20	0423-013		2	●● Nut - Left-Hand Thread
21	0405-281		2	● Tie Rod
22	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 23)
23	8420-002		2	●● Nut - Right-Hand Thread
24	0423-157		4	Nut, Lock
25	0623-175		4	Pin, Cotter



HANDLEBAR ASSEMBLY

0745-005

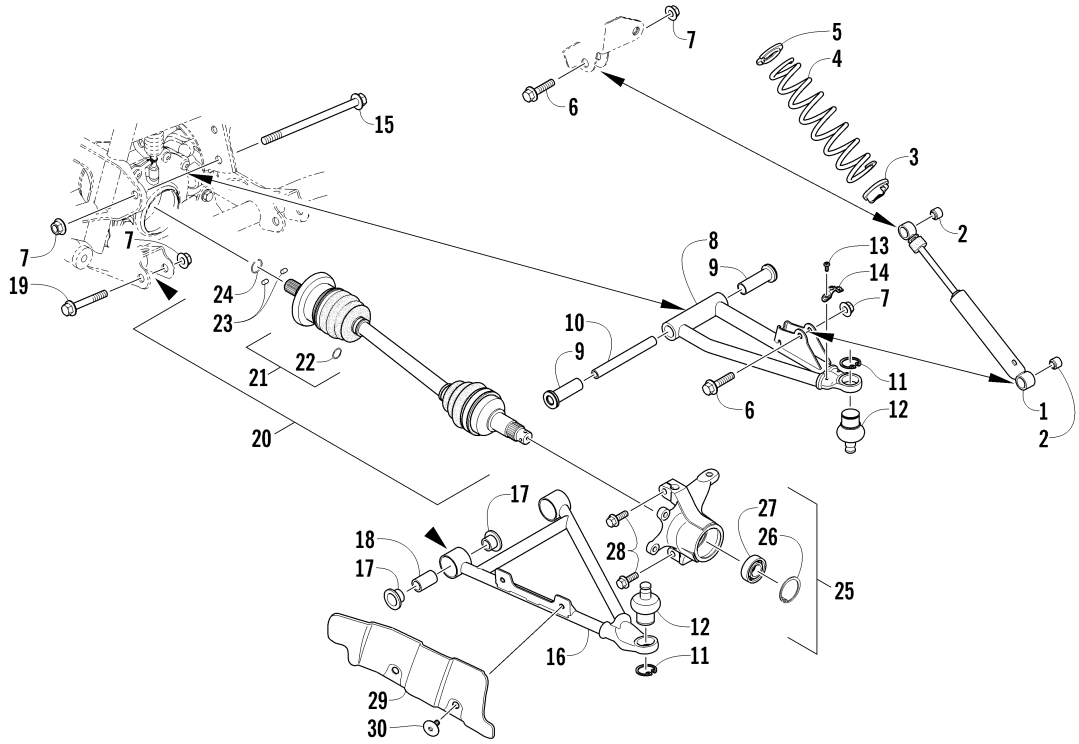
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-522		1	Handlebar	13	3423-014		1	● Screw, Machine
2	0405-218		2	Plug, Handlebar	14	3423-327		1	● Nut
3	0405-147		2	Grip, Handlebar	15	3423-199		2	● Screw, Machine
4	0405-149		2	End Cap, Handlebar	16	0411-966		1	Decal, Warning - Differential 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

0745-865

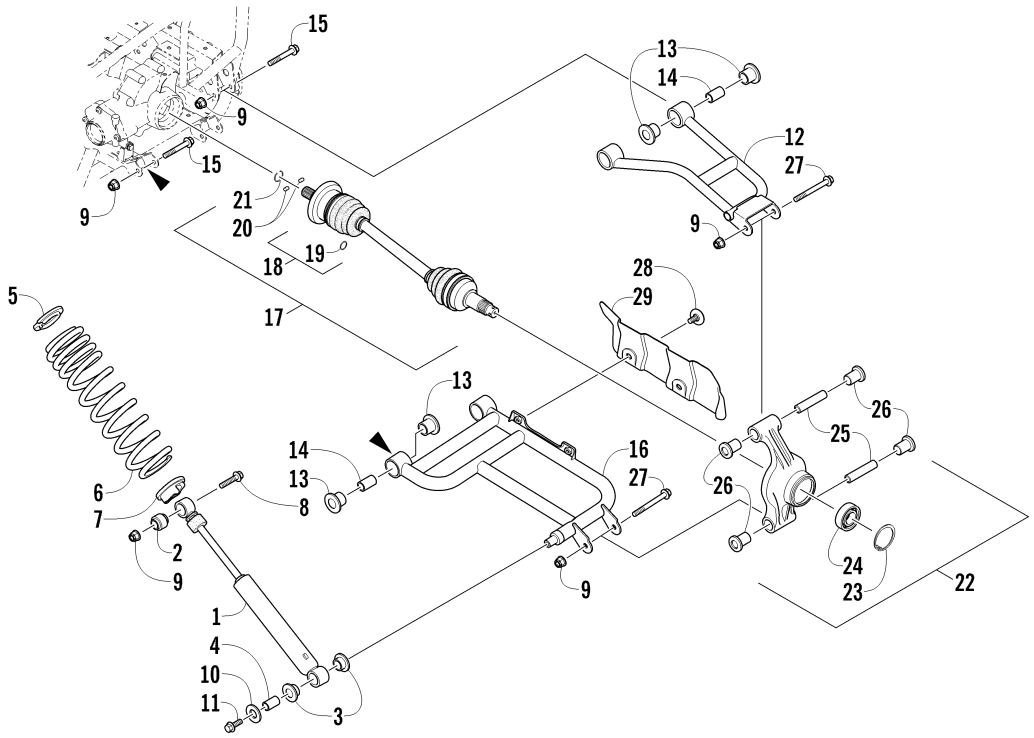
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	9611-399	X	1	Decal, 50th Anniversary
2	0430-050		1	● Nut, Retaining	7	0641-897		1	Outlet, Accessory - 12V
3	0430-042		1	● Key, Ignition (Y Series - Left-Side Cut)	8	0405-276		1	Instrument Pod - Black
	0430-043		1	● Key, Ignition (Z Series - Right-Side Cut)	9	0420-065		1	Bracket, Retaining
					10	0423-493		2	Nut w/Washer
4	0430-054		1	● Cover, Key	11	2506-470		1	Bracket, Mounting - Instrument Pod
5	0520-161	X	1	Gauge, LCD	12	0423-535		2	Rivet, Reinstallable



FRONT SUSPENSION ASSEMBLY

0745-247

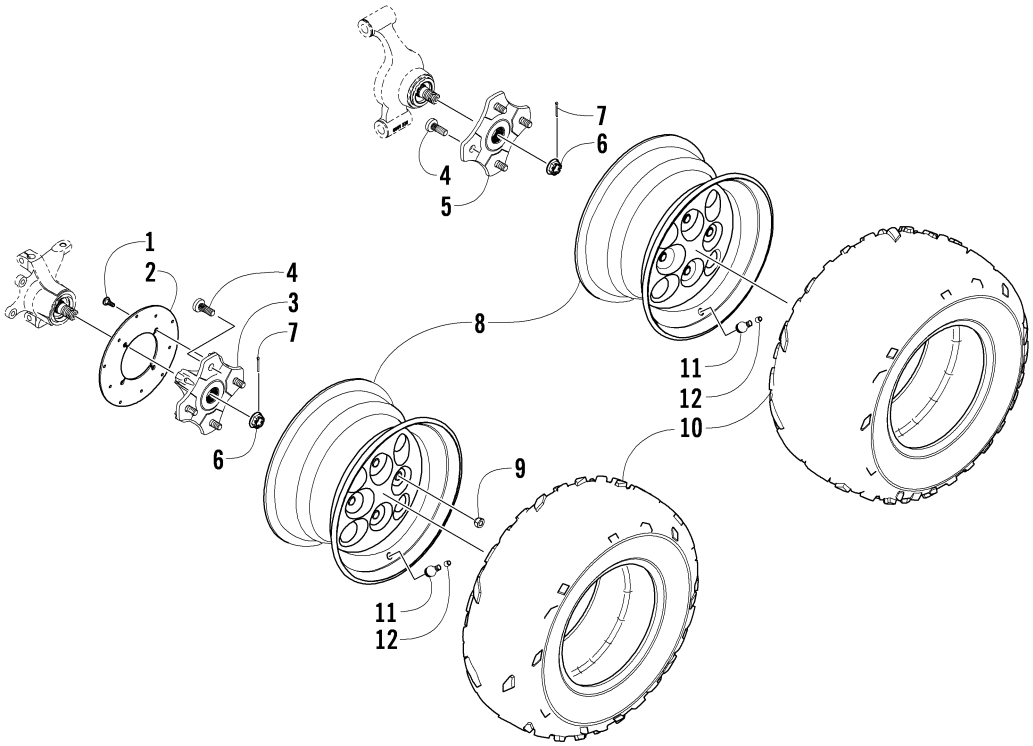
Ref	Part No.	New	Qty	Description
1	0403-209		2	Shock Absorber (inc. 2)
2	0403-182		4	● Bushing
3	0403-102		2	Cam, Spring Adjuster
4	0503-468		2	Spring, Suspension - White
5	1603-889		2	Retainer, Spring
6	8409-040		4	Screw, Cap
7	0423-744		10	Nut, Lock
8	0503-416		1	A-Arm, Upper Right - Black (inc. 9-12)
	0503-417		1	A-Arm, Upper Left - Black (inc. 9-12)
9	0403-207		4	● Bushing
10	0403-080		2	● Axle
11	0423-009		4	● Ring, Retaining
12	0405-115		4	● Ball Joint
13	0423-946		4	Screw, Self-Tapping
14	1502-594		2	Clamp, Routing
15	0423-334		2	Screw, Cap
16	0503-376		1	A-Arm, Lower Right - Black (inc. 17-18 and two No. 11-12)
	0503-377		1	A-Arm, Lower Left - Black (inc. 17-18 and two No. 11-12)
17	0403-208		8	● Bushing
18	0403-214		4	● Axle
19	8409-075		4	Screw, Cap
20	1502-800		1	Axle, Drive - Right (inc. 21-24)
	1502-799		1	Axle, Drive - Locking - Left (inc. 21-24)
21	1436-419		2	● Repair Kit, Boot (inc. 22)
22	1441-988		2	●● Clip, Retaining
23	1402-885		4	● Pin, Detent
24	1402-889		2	● Clip, Retaining
25	0505-576		1	Knuckle - Assembly - Right (inc. 26-27)
	0505-577		1	Knuckle - Assembly - Left (inc. 26-27)
26	0423-423		2	● Ring, Retaining
27	1402-809		2	● Bearing
28	0423-998		4	Screw, Shoulder
29	1406-034		1	Guard, Boot - Right - Black
	1406-035		1	Guard, Boot - Left - Black
30	0423-545		4	Screw, Shoulder



REAR SUSPENSION ASSEMBLY

0745-252

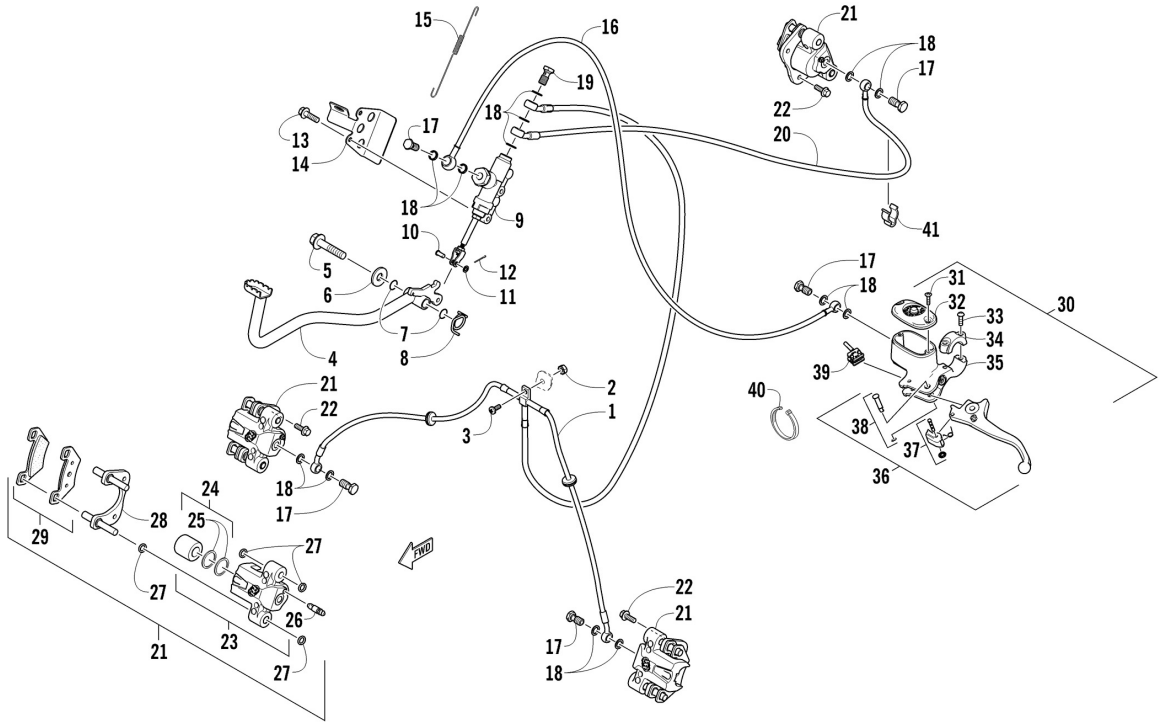
Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)
2	0403-182		2	● Bushing
3	0603-955		4	● Bushing
4	1603-219		2	● Sleeve
5	1603-889		2	Retainer, Spring
6	0504-659		2	Spring, Suspension - White
7	0404-057		2	Cam, Spring Adjuster
8	8409-040		1	Screw, Cap - Right
	8409-050		1	Screw,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



WHEEL AND TIRE ASSEMBLY

0743-964

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		12	Screw, Shoulder	8	1402-776		2	Wheel - Front - Platinum
2	1436-164		3	Disc, Brake		1402-777		2	Wheel - Rear - Platinum
3	1502-462		2	Hub, Wheel - Front (inc. 4)	9	0423-408		16	Nut, Lug
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					

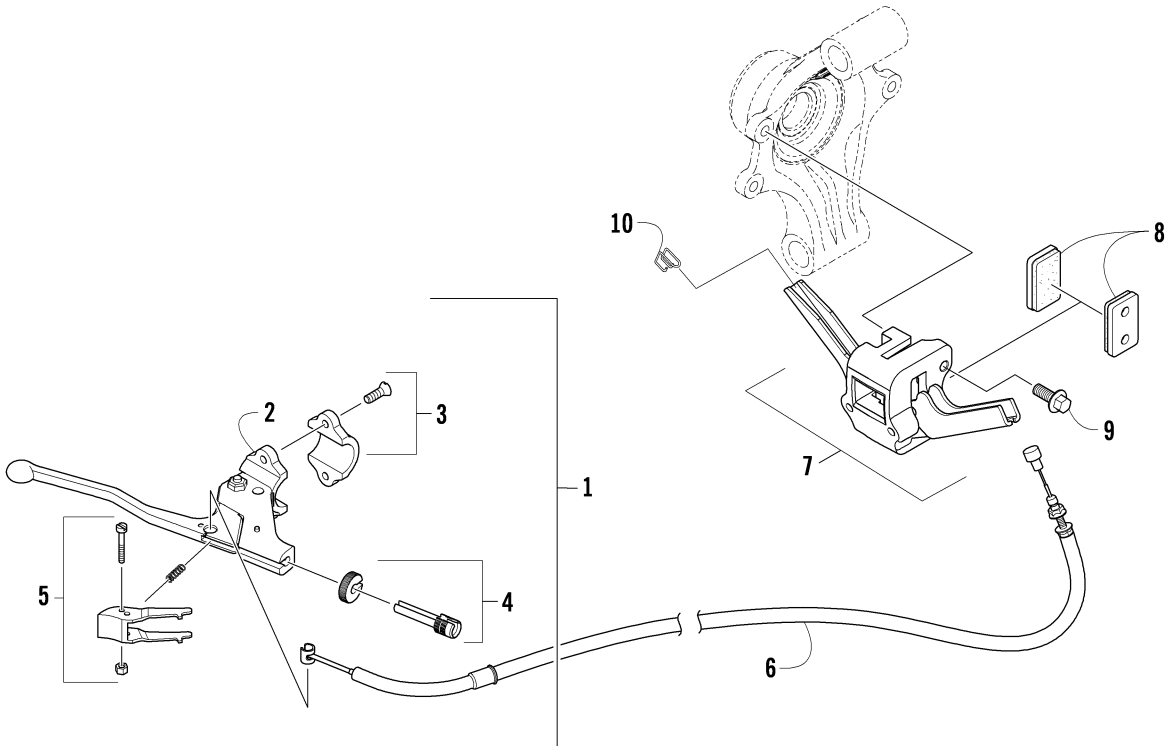


HYDRAULIC BRAKE ASSEMBLY

0745-884

Ref	Part No.	New	Qty	Description
1	1502-148		1	Hose, Brakeline - Assembly
2	0623-038		1	Nut w/Washer
3	8476-625		1	Screw, Machine
4	1502-063		1	Lever, Brake
5	8408-816		1	Screw, Cap
6	8050-252		1	Washer
7	1602-213		2	O-Ring
8	0502-807		1	Spring, Brake Lever
9	1502-147		1	Brake Assembly
10	1402-377		1	Pin, Clevis
11	8050-217		1	Washer
12	0117-868		1	Pin, Cotter
13	8408-625		2	Screw, Cap
14	1502-179		1	Bracket, Switch
15	0502-785		1	Spring, Brake Switch
16	1402-592		1	Hose, Brakeline
17	0423-413		5	Bolt, Banjo-Fitting
18	0423-178		13	Washer, Crush
19	0423-610		1	Bolt, Banjo-Fitting - Double
20	1402-593		1	Hose, Brakeline
21	1436-422		1	Caliper, Brake - Right Front (inc. two No. 22 and 23-29)
	1436-423		1	Caliper, Brake - Left Front (inc. two No. 22 and 23-29)
	1436-423		1	Caliper, Brake - Rear (inc. two No. 22 and 23-29)

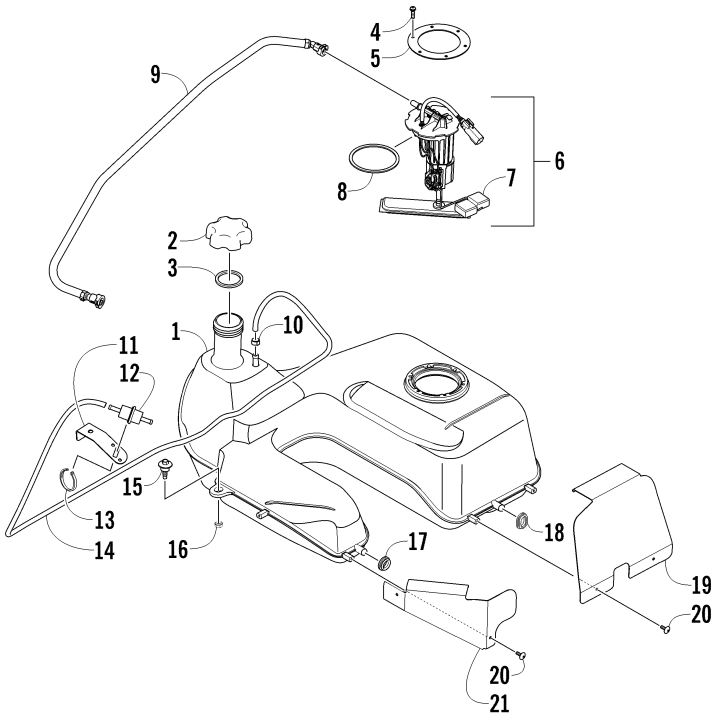
Ref	Part No.	New	Qty	Description
22	8408-821		6	● Screw, Cap
23	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 22 and 24-26)
	1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 22 and 24-26)
	1436-161		1	● Housing, Caliper - Assembly - Rear (inc. two No. 22 and 24-26)
24	0502-606		3	●● Piston/Seal Set (inc. 25)
25	0502-607		3	●●● Seal Set
26	0502-609		3	●● Valve, Bleed
27	0502-608		3	● O-Ring, Guide - Set
28	0502-605		3	● Bracket Assembly
29	1502-694		3	● Pad, Brake - Set
30	0502-914		1	Brake Assembly (inc. 31-39)
31	0502-566		1	● Screw, Machine - Kit
32	0502-868		1	● Cover, Reservoir
33	0502-568		1	● Screw, Machine - Kit
34	0502-869		1	● Clamp, Master Cylinder
35	0502-704		1	● Master Cylinder Assembly
36	0502-866		1	● Lever Assembly - Kit (inc. 37-38)
37	0502-867		1	●● Lock, Brake Lever - Kit
38	0502-580		1	●● Lever Pin - Kit
39	0502-564		1	● Switch, Brake
40	0123-788		AR	Tie, Cable - 8 in.
41	1502-115		2	Clip, Brakeline Hose



PARKING BRAKE ASSEMBLY

0743-214

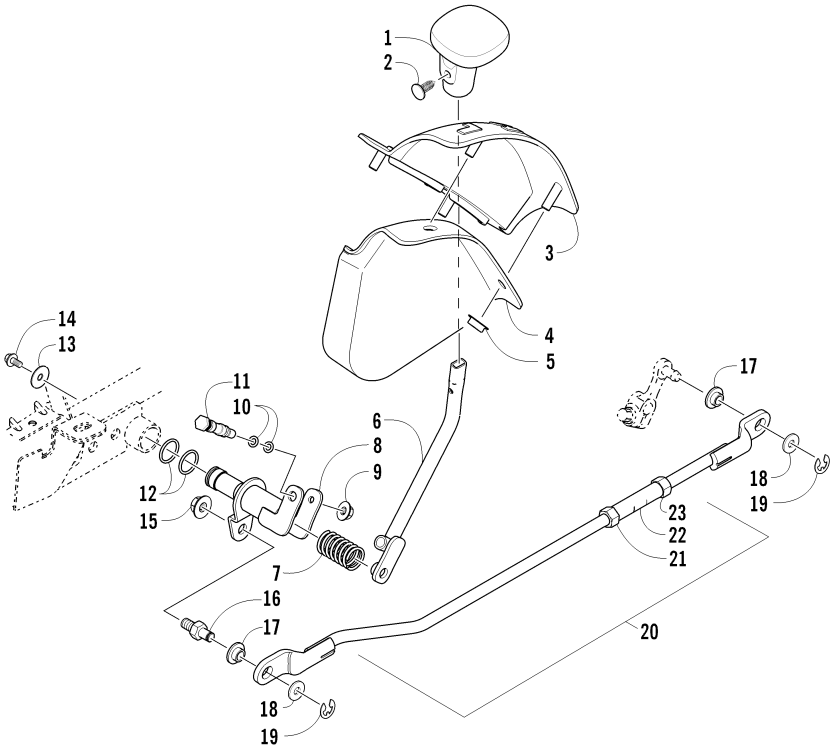
Ref	Part No.	New	Qty	Description
1	1502-265		1	Lever, Parking Brake - Assembly (inc. 2-6)
2	1502-429		1	● Lever, Parking Brake - Kit
3	1502-432		1	● Clamp, Handlebar - Kit
4	1502-430		1	● Adjuster, Thumb Nut - Kit
5	1502-431		1	● Lock, Parking Brake Lever - Kit
6	0487-054		1	● Cable, Brake - Rear
7	1502-865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



GAS TANK ASSEMBLY

0745-868

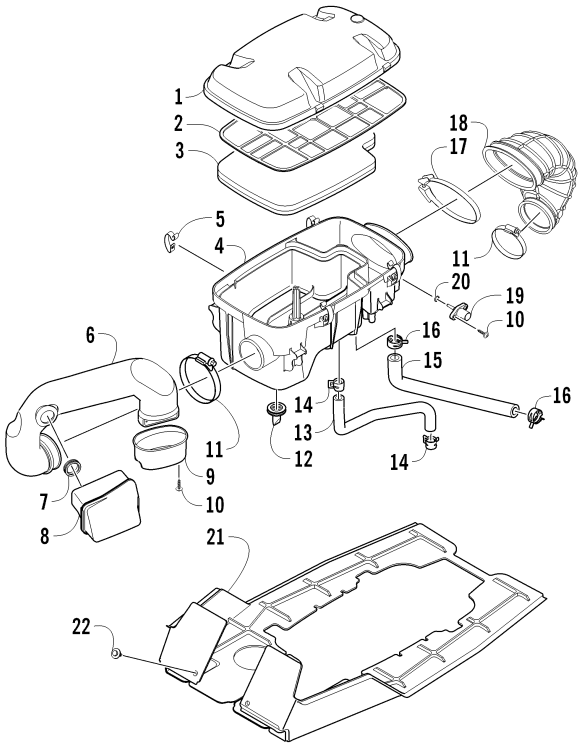
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-307		1	Tank, Gas - Assembly (inc. 2-5)	12	0510-335		1	Filter, In-Line
2	0470-438		1	● Cap, Gas Tank (inc. 3)	13	0123-788		AR	Tie, Cable - 8 in.
3	0109-733		1	●● Gasket, Gas Tank Cap	14	0410-070		AR	Hose, Gasline - 25 ft
4	0423-898		6	● Screw, Self-Tapping	15	0423-732		2	Screw, Shoulder
5	2670-042		1	● Plate, Retaining	16	0623-038		1	Nut w/Washer
6	0570-322		1	Pump, Fuel - Assembly (inc. 7-8)	17	0423-460		1	Grommet
7	2670-235		1	● Float	18	0423-806		1	Grommet
8	0470-838		1	● Seal	19	0470-710		1	Shield, Heat - Gas Tank - Rear
9	0570-317		1	Hose, Gasline - Assembly	20	0623-797		4	Screw, Self-Tapping
10	0423-688		AR	Clamp, Hose	21	0470-709		1	Shield, Heat - Gas Tank - Front
11	0470-827		1	Bracket, Filter Mounting					



SHIFT LEVER ASSEMBLY

0745-123

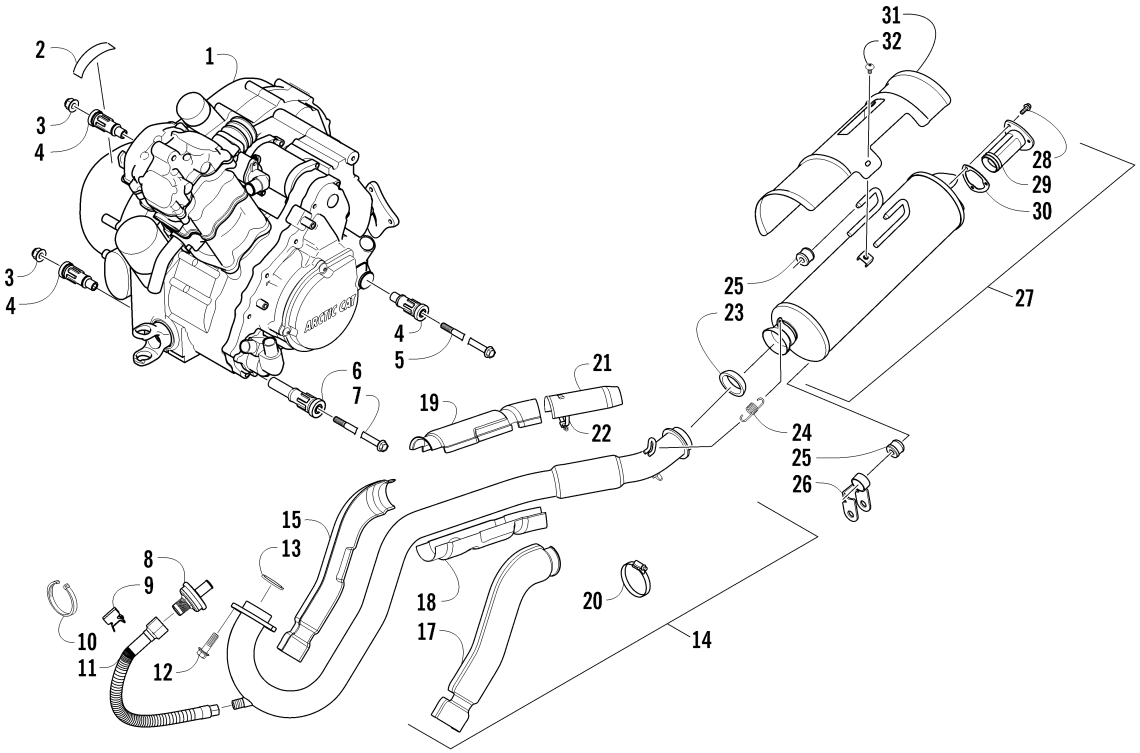
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	13	0423-087		1	Washer
2	0423-345		1	Clip, Retaining	14	8408-812		1	Screw, Cap
3	1402-576		1	Plate, Shift	15	8424-802		1	Nut
4	2406-345		1	Shield, Shift Plate	16	1402-621		1	Pin, Mounting
5	0423-357		4	Nut, Stamped	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

0745-077

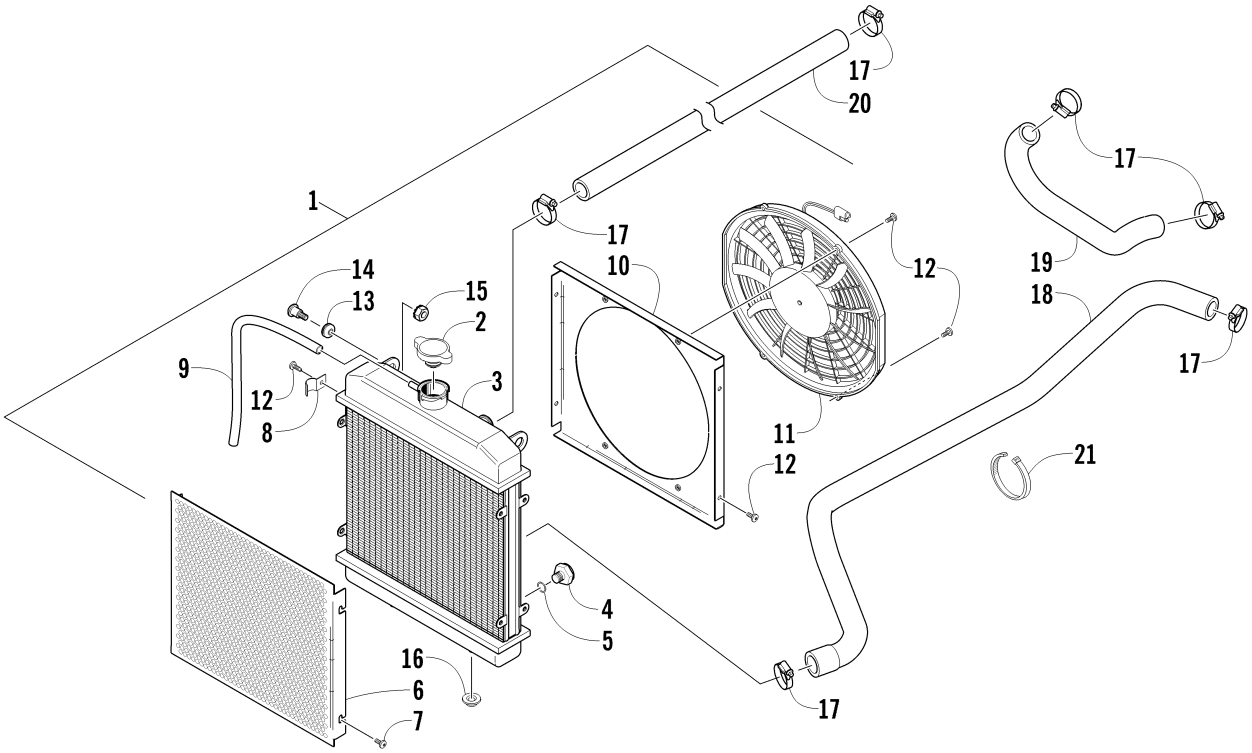
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-877		1	Cover, Intake	12	0470-442		1	Valve, Drain
2	0470-560		1	Screen, Air Filter	13	0410-172		1	Hose, Vent
3	0470-558		1	Filter, Air	14	1623-281		2	Clamp, Hose
4	0470-728		1	Housing, Intake	15	0470-896		1	Hose
5	0423-455		4	Clip, Spring	16	1623-289		2	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

0746-135

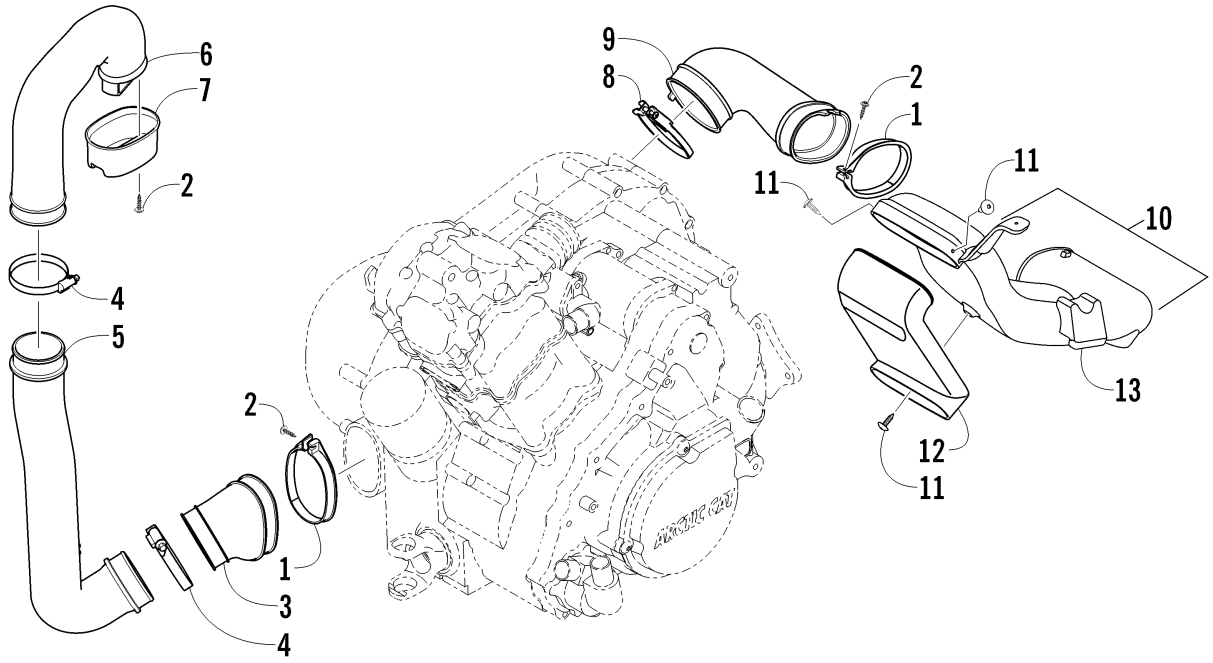
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-093		1	Engine, A550F	17	0412-349		1	● Shield, Exhaust Pipe - Inner - Front
2	0411-426		1	Decal, Warning - Clutch Cover	18	0512-570		1	● Shield, Exhaust Pipe - Inner - Rear
3	8428-002		2	Nut, Lock	19	0512-569		1	● Shield, Exhaust Pipe - Outer - Rear
4	0801-129		3	Mount, Rubber - Engine	20	0423-317		3	● Clamp
5	0423-451		1	Screw, Cap	21	0512-571		1	● Shield Heat
6	0801-122		1	Mount, Rubber - Engine	22	0423-832		1	● Clamp
7	0423-405		1	Screw, Cap	23	0412-375		1	Seal, Exhaust
8	0512-577		1	Valve, Air	24	0612-668		2	Spring, Extension
9	0412-573		1	Bracket, Retaining	25	0412-577		3	Bushing
10	0123-903		AR	Tie, Cable - 11.5 in.	26	1506-732		1	Channel, Muffler Support
11	0412-574		1	Hose	27	0512-592	X	1	Muffler - Assembly (inc. 28-30)
12	8408-820		2	Screw, Cap	28	8408-616		3	● Screw, Cap
13	0412-338		1	Gasket, Exhaust	29	0512-219		1	● Arrester, Spark - Assembly
14	0512-521		1	Pipe, Exhaust - Assembly (inc. 15-22)	30	0412-313		1	● Gasket, Spark Arrester
15	0412-348		1	● Shield, Exhaust Pipe - Outer - Front	31	0412-373		1	Cover, Muffler
16	0512-530		1	● Pipe, Exhaust	32	8477-610		3	Screw, Machine



COOLING ASSEMBLY

0745-858

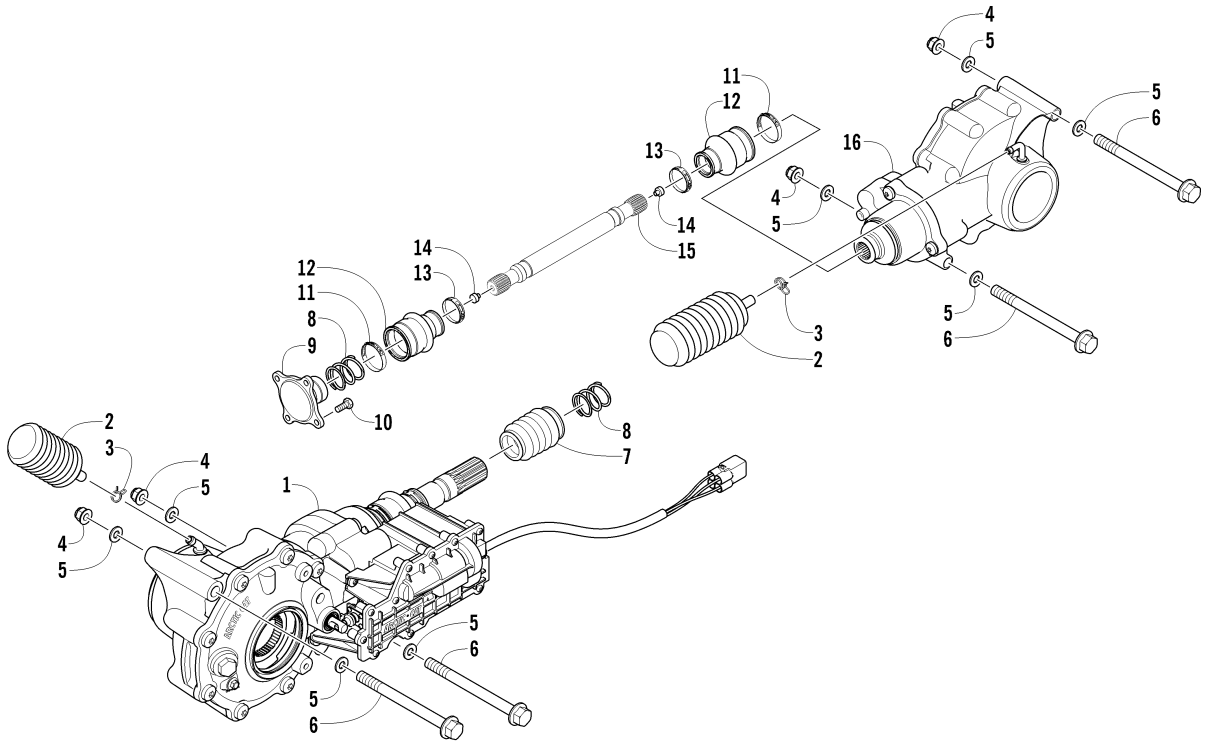
Ref	Part No.	New	Qty	Description
1	0413-256		1	Radiator Assembly (inc. 2-13)
2	0413-255		1	● Cap
3	0413-205		1	● Radiator
4	0413-195		1	● Plug, Drain
5	1602-213		1	● O-Ring
6	0413-007		1	● Screen
7	8475-512		4	● Screw, Machine
8	0423-351		1	● Clamp, Wire
9	0610-016		AR	● Hose - 25 ft
	0610-015		AR	● Hose - 100 ft
10	0413-203		1	● Shroud, Fan
11	0413-123		1	● Fan, Cooling
12	0623-378		8	● Screw, Self-Tapping
13	0423-030		2	● Grommet
14	0423-484		2	Screw, Shoulder
15	0623-038		2	Nut w/Washer
16	0423-028		2	Bushing, Stem
17	0423-496		6	Clamp, Hose
18	0410-229		1	Hose, Coolant - Lower
19	0410-022		1	Hose, Coolant - Crossover
20	0410-002		1	Hose, Coolant - Upper
21	0123-903		AR	Tie, Cable - 11.5 in.



CASE/BELT COOLING ASSEMBLY

0744-433

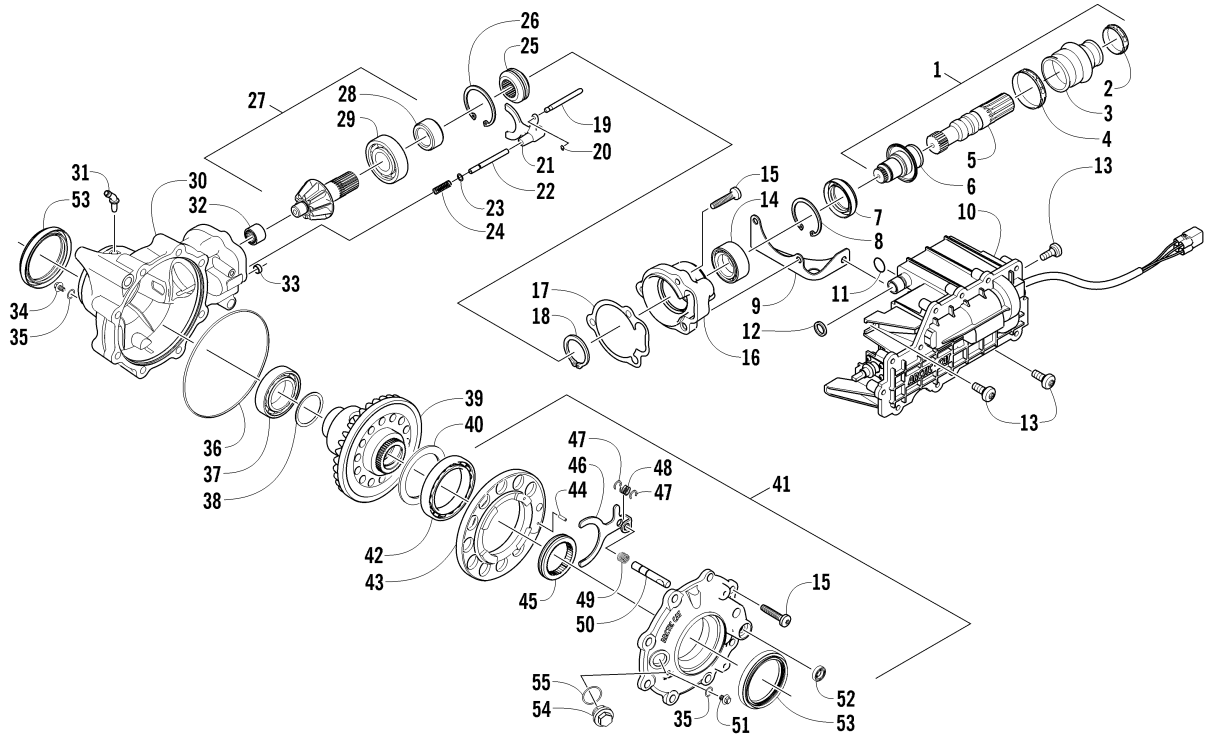
Ref	Part No.	New	Qty	Description
1	0423-550		2	Clamp
2	0423-342		4	Screw, Self-Tapping
3	0413-252		1	Boot, Duct - Air Intake - Front
4	0423-019		2	Clamp
5	0413-250		1	Duct, Air Intake - Front - Lower
6	0470-750		1	Duct, Air Intake - Front - Upper
7	0470-729		1	Cup, Air Intake
8	0423-730		1	Clamp
9	0413-206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



DRIVE TRAIN ASSEMBLY

0745-861

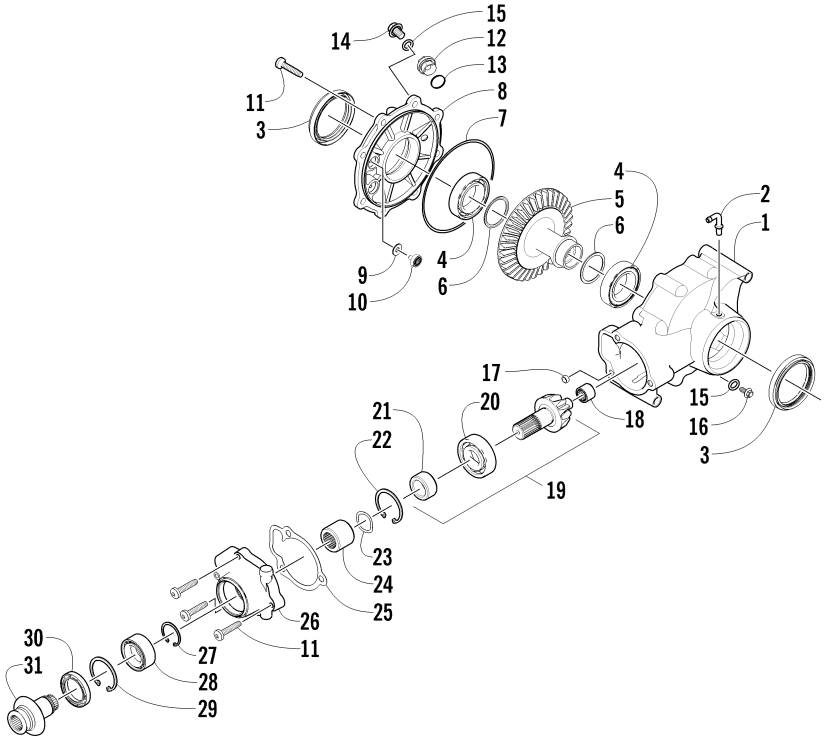
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-878	X	1	Gearcase, Front	9	0402-950		1	Flange, Output
2	1402-620		2	Bladder, Gearcase	10	8408-820		4	Screw, Cap
3	0423-315		2	Clamp, Hose	11	0423-393		2	Clamp
4	8428-002		4	Nut, Lock	12	0402-985		2	Boot
5	0423-426		8	Washer	13	0423-411		2	Clamp
6	0423-404		4	Screw, Cap	14	0673-618		2	Bumper, Propeller Shaft
7	0402-966		1	Boot, Shaft	15	1402-233		1	Shaft, Propeller
8	1402-026		2	Spring	16	1502-879	X	1	Gearcase, Rear



FRONT DRIVE GEARCASE ASSEMBLY

0745-863

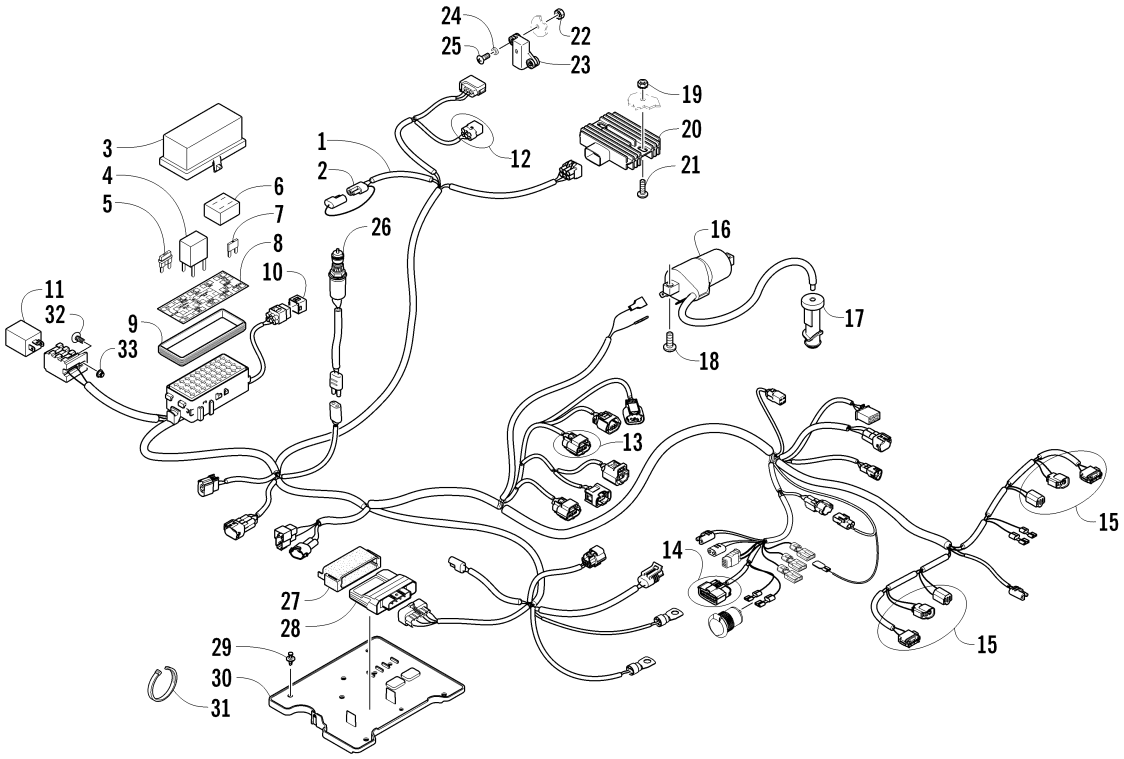
Ref	Part No.	New	Qty	Description
-	1502-878	X	1	Complete Front Drive Gearcase Assembly
1	1502-083		1	Shaft, Propeller - Assembly (inc. 2-6)
2	0423-411		1	● Clamp
3	0402-985		1	● Boot, Propeller Shaft
4	0423-393		1	● Clamp
5	1402-045		1	● Shaft, Output
6	1502-085		1	● Shaft, Input
7	1402-011		1	Seal
8	0423-423		1	Ring, Retaining
9	1502-237		1	Bracket, Actuator
10	1502-909	X	1	Actuator (inc. 11)
11	1402-981		1	● O-Ring
12	0423-892		1	O-Ring
13	0423-396		3	Screw, Self-Tapping
14	1402-043		1	Bearing
15	0423-118		11	Screw, Self-Tapping
16	0502-528		1	Housing, Pinion
17	0402-947		1	Gasket, Flange
18	0423-417		1	Ring, Retaining
19	0402-997		1	Shaft, Selector
20	0423-402		1	Ring, Retaining
21	0402-998		1	Fork, Selector
22	0402-417		1	Shaft, Shuttle
23	0423-147		1	O-Ring
24	0402-999		1	Spring, Return
25	0402-413		1	Coupler, Drive
26	1423-067	X	1	Ring, Retaining
27	1502-863	X	1	Gear, Pinion - Assembly - 10T (inc. 28-29)
28	1402-977	X	1	● Collar, Retaining
29	0402-327		1	● Bearing
30	1502-856	X	1	Housing, Gearcase
31	1402-980	X	1	Fitting, Elbow
32	0402-328		1	Bearing
33	0402-411		1	Pin, Dowel
34	1402-210		1	Plug, Magnetic (inc. one No. 35)
35	0423-153		2	● O-Ring
36	0423-149		1	O-Ring
37	0402-393		1	Bearing
38	0402-405		AR	Shim, 41 x 49 x 1.3 mm
	0402-406		AR	Shim, 41 x 49 x 1.4 mm
	0402-407		AR	Shim, 41 x 49 x 1.5 mm
	0402-408		AR	Shim, 41 x 49 x 1.6 mm
	0402-409		AR	Shim, 41 x 49 x 1.7 mm
39	1502-860	X	1	Gear, Ring - 36T
40	1402-074		AR	Shim, 61 x 69 x 1.3 mm
	1402-075		AR	Shim, 61 x 69 x 1.4 mm
	1402-076		AR	Shim, 61 x 69 x 1.5 mm
	1402-077		AR	Shim, 61 x 69 x 1.6 mm
	1402-078		AR	Shim, 61 x 69 x 1.7 mm
41	1502-895	X	1	Cover, Gearcase (inc. one No. 35, 42-52, and one No. 53)
42	1402-053		1	● Bearing
43	0502-413		1	● Flange, Bearing
44	1402-079		1	● Pin, Parallel
45	1402-042		1	● Collar, Sliding
46	1402-054		1	● Fork
47	1402-058		2	● Ring, Retaining
48	1402-057		1	● Spring
49	1402-063		1	● Spring
50	1402-656		1	● Shaft, Lock
51	1402-211		1	● Plug, Oil Level (inc. one No. 35)
52	1402-056		1	● Seal
53	1402-950	X	2	● Seal
54	0402-333		1	Plug, Fill (inc. 55)
55	0423-154		1	● O-Ring



REAR DRIVE GEARCASE ASSEMBLY

0745-864

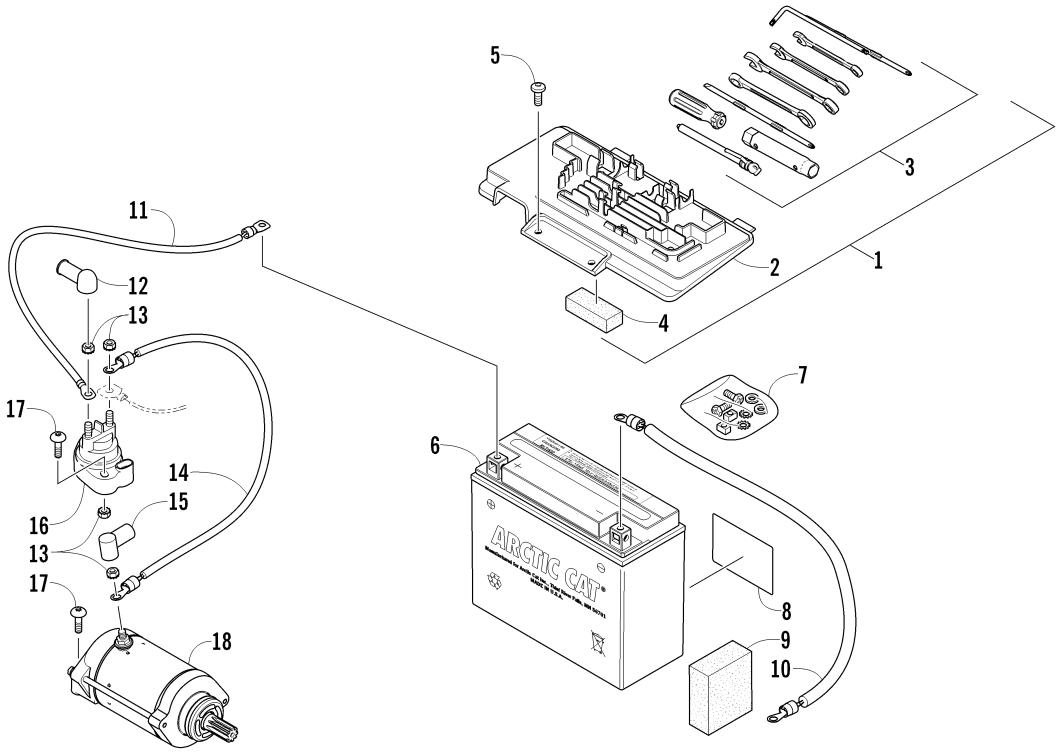
Ref	Part No.	New	Qty	Description
-	1502-879	X	1	Complete Rear Drive Gearcase Assembly
1	1502-896	X	1	Housing, Gearcase
2	1402-442		1	Fitting, Elbow
3	1402-950	X	2	Seal
4	0402-393		2	Bearing
5	1402-032		1	Gear, Ring - 36T
6	0402-405		AR	Shim, 41 x 49 x 1.3 mm
	0402-406		AR	Shim, 41 x 49 x 1.4 mm
	0402-407		AR	Shim, 41 x 49 x 1.5 mm
	0402-408		AR	Shim, 41 x 49 x 1.6 mm
	0402-409		AR	Shim, 41 x 49 x 1.7 mm
7	0423-149		1	O-Ring
8	1502-897	X	1	Cover, Gearcase
9	0402-429		AR	Shim, 6.3 x 18 x 1.3 mm
	0402-430		AR	Shim, 6.3 x 18 x 1.4 mm
	0402-431		AR	Shim, 6.3 x 18 x 1.5 mm
	0402-432		AR	Shim, 6.3 x 18 x 1.6 mm
	0402-433		AR	Shim, 6.3 x 18 x 1.7 mm
10	0402-326		1	Button, Thrust
11	0423-118		11	Screw, Self-Tapping
12	0402-333		1	Plug, Magnetic (inc. 13)
13	0423-154		1	● O-Ring
14	1402-211		1	Plug, Oil Level (inc. one No. 15)
15	0423-153		2	● O-Ring
16	1402-210		1	Plug, Fill (inc. one No. 15)
17	0402-411		1	Pin, Dowel
18	0402-328		1	Bearing
19	1502-863	X	1	Gear, Pinion - Assembly - 10T (inc. 20-21)
20	0402-327		1	● Bearing
21	1402-977	X	1	● Collar, Retaining
22	1423-067	X	1	Ring, Retaining
23	0402-982		1	Washer, Wave
24	0402-981		1	Collar, Shaft
25	0402-947		1	Gasket, Flange
26	0502-529		1	Housing, Pinion
27	0423-417		1	Ring, Retaining
28	1402-043		1	Bearing
29	0423-423		1	Ring, Retaining
30	1402-011		1	Seal
31	1502-085		1	Shaft, Input



WIRING HARNESS ASSEMBLY

0745-328

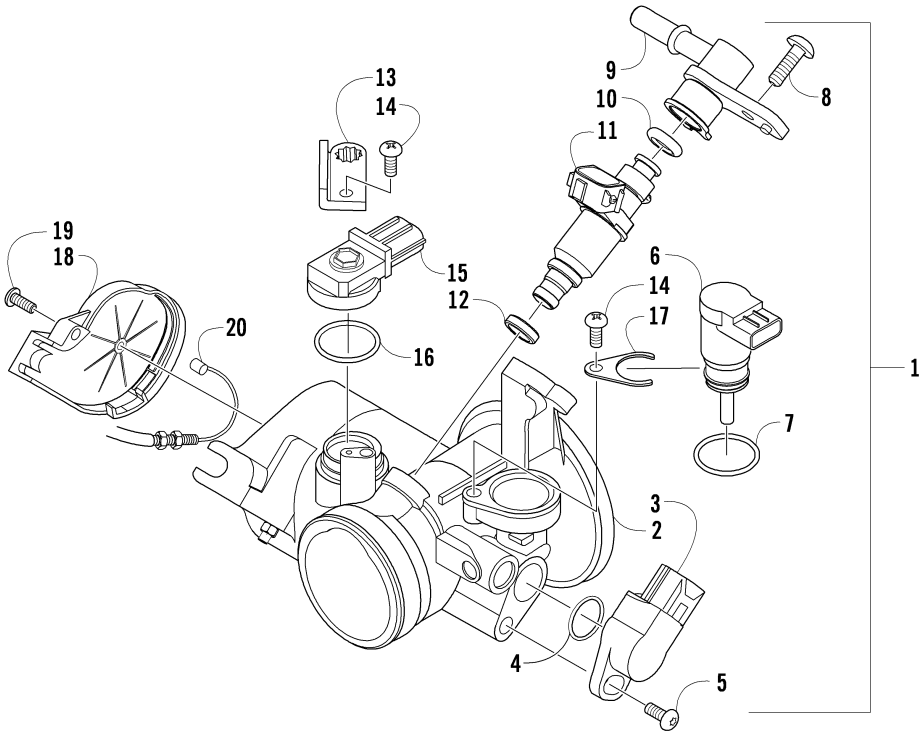
Ref	Part No.	New	Qty	Description
1	0486-348		1	Harness, Main (inc. 2-10)
2	0486-164		1	● Tether, Accessory Connector
3	0430-085		1	● Cover, Fuse Block
4	0430-045		5	● Relay (4-Pin) - 20 Amp
5	0430-034		1	● Diode
6	0430-037		1	● Holder, Fuse
7	0430-032		5	● Fuse - 10 Amp
	0430-031		4	● Fuse - 15 Amp
	0430-030		2	● Fuse - 30 Amp
8	2411-080		1	● Decal, Fuse Block
9	0430-086		1	● Seal
10	0430-097		1	● Cover, Diagnostics Connector
11	0430-049		1	Flasher
12	1436-416		1	Repair Kit, Connector - Tilt Sensor
13	1436-417		1	Repair Kit, Connector - Idle Speed Control
14	1436-415		1	Repair Kit, Connector - LCD Gauge
15	1436-424		AR	Repair Kit, Connector - Headlight/Turn Signal/Position
16	0824-043		1	Coil, Ignition
17	0824-049		1	Cap, Spark Plug
18	8476-620		2	Screw, Machine
19	0623-038		2	Nut w/Washer
20	0824-037		1	Regulator, Voltage
21	8476-625		2	Screw, Machine
22	0423-493		2	Nut w/Washer
23	0409-064		1	Sensor, Tilt
24	0123-802		2	Washer
25	8468-425		2	Screw, Machine
26	0409-089		1	Switch, Brake - Assembly
27	0430-076		1	Cushion, ECU
28	0530-040		1	ECU
29	0623-362		3	Rivet, Reinstallable
30	2406-643		1	Tray, Electrical
31	0123-788		AR	Tie, Cable - 8 in.
	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

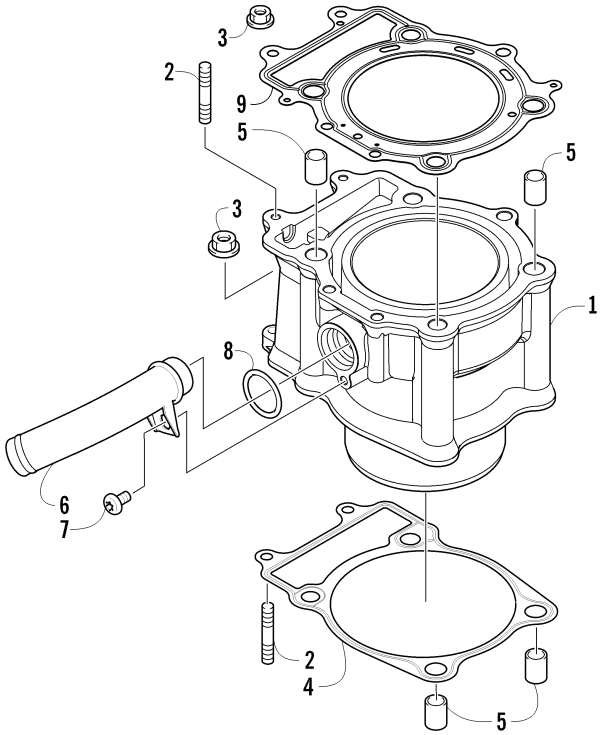
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-070		1	Cable, Battery/Ground
					11	0445-062		1	Cable, Battery/Solenoid
2	2406-815		1	● Cover, Battery	12	0645-327		1	Boot, Terminal
3	0444-122		1	● Kit, Tool	13	0623-038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



THROTTLE BODY ASSEMBLY

0742-670

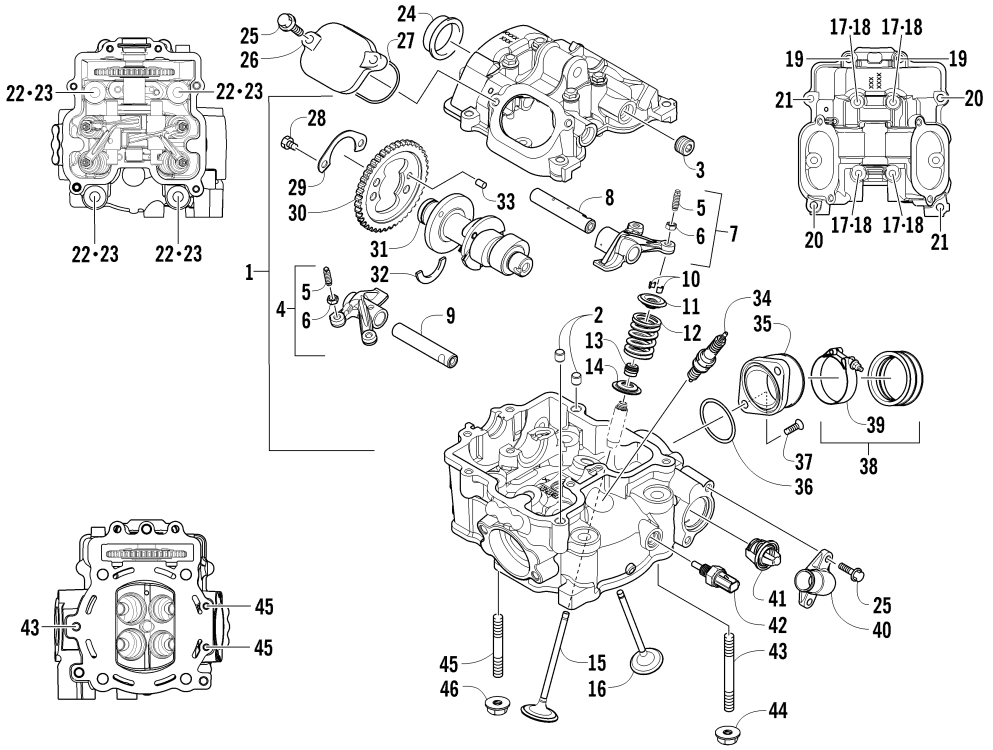
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-753		1	Throttle - Assembly (inc. 2-19)	11	0470-762		1	● Injector, Fuel
2	–		1	● Throttle Body - Not a Service Part	12	0470-768		1	● Seal
3	0430-072		1	● Sensor, Throttle Position	13	5507-227		1	● Bracket, MAP Sensor
4	5507-234		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

0744-071

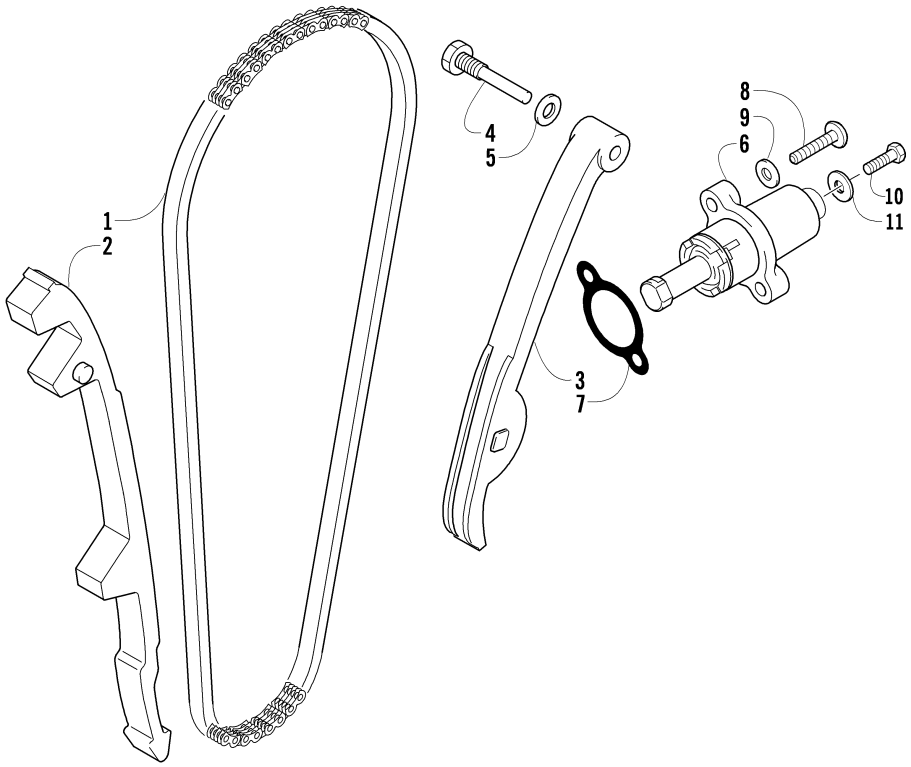
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0804-051		1	Cylinder	6	0804-047		1	Union, Coolant Hose
2	0827-002		4	Bolt, Stud	7	8468-612		1	Screw, Machine
3	8424-604		4	Nut	8	0830-007		1	O-Ring
4	0830-084		1	Gasket, Base	9	0830-097		1	Gasket, Cylinder Head
5	0829-002		4	Pin, Dowel					



CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0745-901

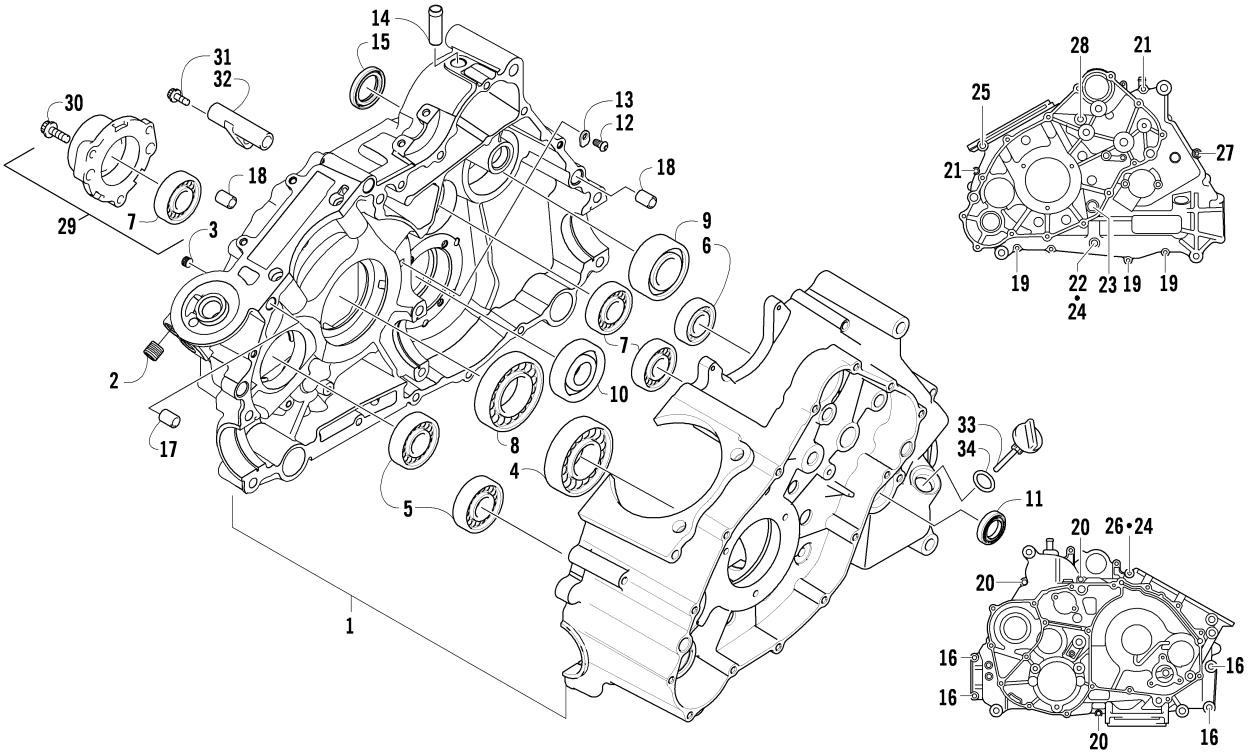
Ref	Part No.	New	Qty	Description
1	0808-175		1	Head, Cylinder - Assembly (inc. 2-17)
2	0829-048		2	● Pin, Dowel
3	0831-092	X	2	● Plug, Shaft
4	0809-237		1	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)
5	0809-240		4	●● Screw, Adjuster
6	0827-059		4	●● Nut
7	0809-234		1	● Arm, Valve Rocker - Intake (inc. two No. 5-6)
8	0809-241		1	● Shaft, Rocker Arm - Intake
9	0809-242		1	● Shaft, Rocker Arm - Exhaust
10	0809-233		8	● Cotter, Valve
11	0809-232		4	● Retainer, Spring
12	0809-231		4	● Spring, Valve
13	0830-186		4	● Seal, Oil
14	0809-230		4	● Seat, Spring - Valve
15	0809-228		2	● Valve, Intake
16	0809-229		2	● Valve, Exhaust
17	0826-149		4	● Screw, Cap
18	0830-155		4	Gasket
19	0826-002		2	Screw, Cap
20	0826-005		2	Screw, Cap
21	0826-006		2	Screw, Cap
22	0808-037		4	Screw, Cap
23	0830-147		4	Washer
24	0808-077		1	Plug, Cylinder Head
25	0826-007		6	Screw, Cap
26	0808-003		2	Cap, Inspection
27	0830-167		2	O-Ring
28	0826-034		2	Screw, Cap
29	0828-004		1	Plate, Retainer
30	0809-212	X	1	Sprocket
31	0809-245		1	Camshaft
32	0809-003		1	C-Ring
33	0829-049		1	Pin, Dowel
34	0217-799		1	Spark Plug - CPR8E
35	0470-668		1	Flange, Intake Manifold
36	0830-090		1	O-Ring
37	0826-008		2	Screw, Machine
38	0437-069		1	Boot (inc. 39)
39	1423-041		1	● Clamp
40	0808-008		1	Cover, Thermostat
41	0808-078		1	Thermostat
42	0808-124		1	Sensor, Engine Coolant Temperature
43	0827-031		1	Bolt, Stud
44	8424-804		1	Nut
45	0827-030		2	Bolt, Stud
46	8424-604		2	Nut



CAM CHAIN ASSEMBLY

0732-308

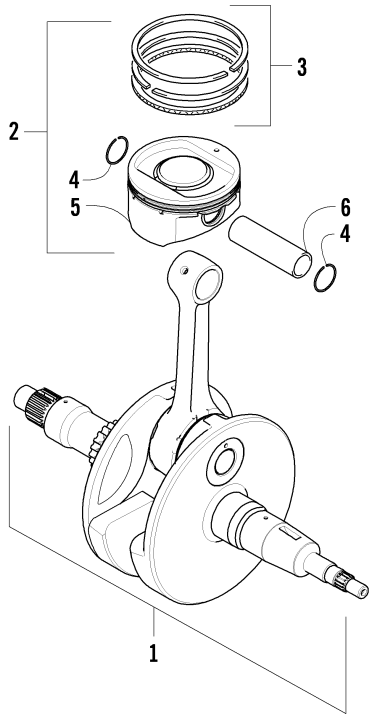
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0810-001		1	Chain, Cam	7	0830-018		1	Gasket
2	0810-002		1	Guide, Chain	8	8468-625		2	Screw, Machine
3	0810-003		1	Tensioner, Chain	9	0830-107		2	Gasket
4	0826-036		1	Pivot, Tensioner	10	8400-610		1	Screw, Cap
5	0830-025		1	Washer, Crush	11	0828-129		1	Washer
6	0810-004		1	Adjuster, Tensioner - Assembly					



CRANKCASE ASSEMBLY

0743-953

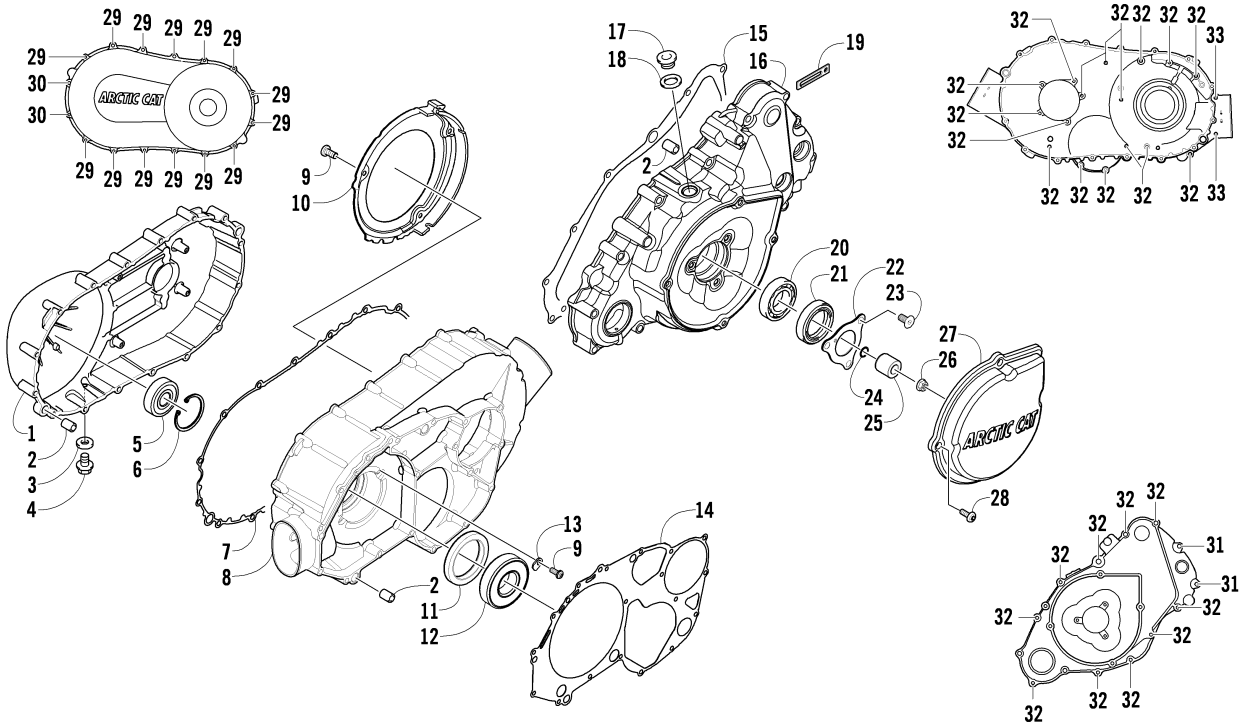
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-151		1	Crankcase Assembly (inc. 2-15)	19	8468-645		3	Screw, Machine
2	0812-064		2	● Plug	20	8468-655		3	Screw, Machine
3	0801-002		1	● Plug	21	8468-675		2	Screw, Machine
4	0832-043		1	● Bearing	22	8412-860		1	Screw, Cap
5	0832-044		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					
13	0822-010		4	● Retainer, Bearing	30	0826-105		3	Screw, Cap
14	0801-028		1	● Pipe, Breather	31	0826-038		1	Screw, Cap
15	0830-035		1	● Seal, Driveshaft	32	0801-069		1	Pipe, Breather
16	8412-850		4	Screw, Cap	33	0801-179		1	Stick, Oil Level
17	0829-003		1	Pin, Dowel	34	0830-010		1	O-Ring
18	0829-002		5	Pin, Dowel					



CRANKSHAFT AND PISTON ASSEMBLY

0739-932

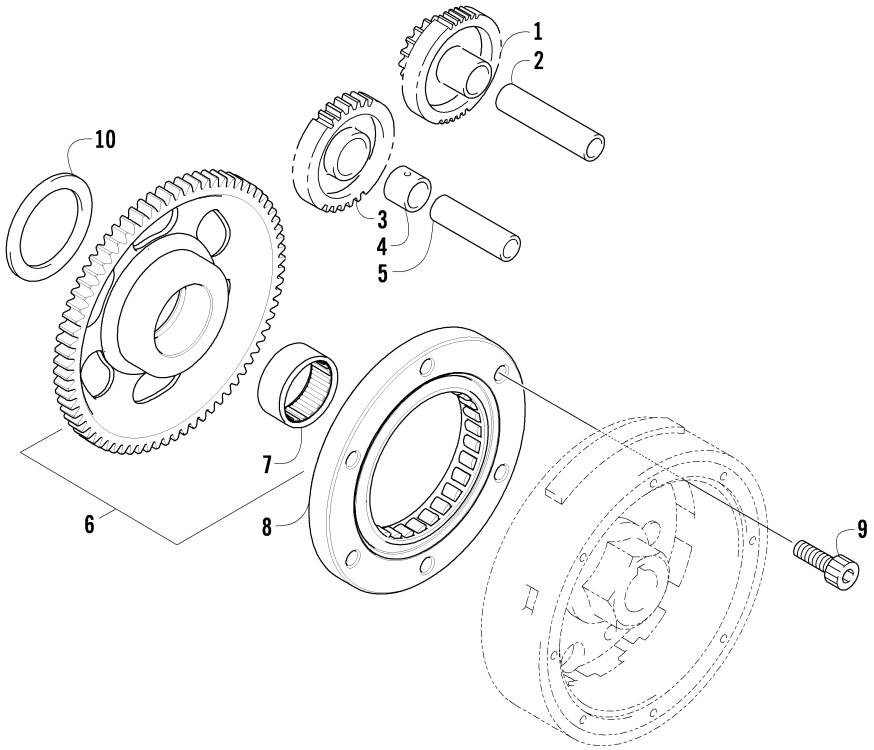
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0805-325	X	1	Crankshaft Assembly	4	0831-001		2	● Circlip, Piston Pin
2	0805-064		1	Piston Set (inc. 3-6)	5	–		1	● Piston - Not a Service Part
3	0805-065		1	● Ring, Piston - Set	6	0805-012		1	● Pin, Piston



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0743-969

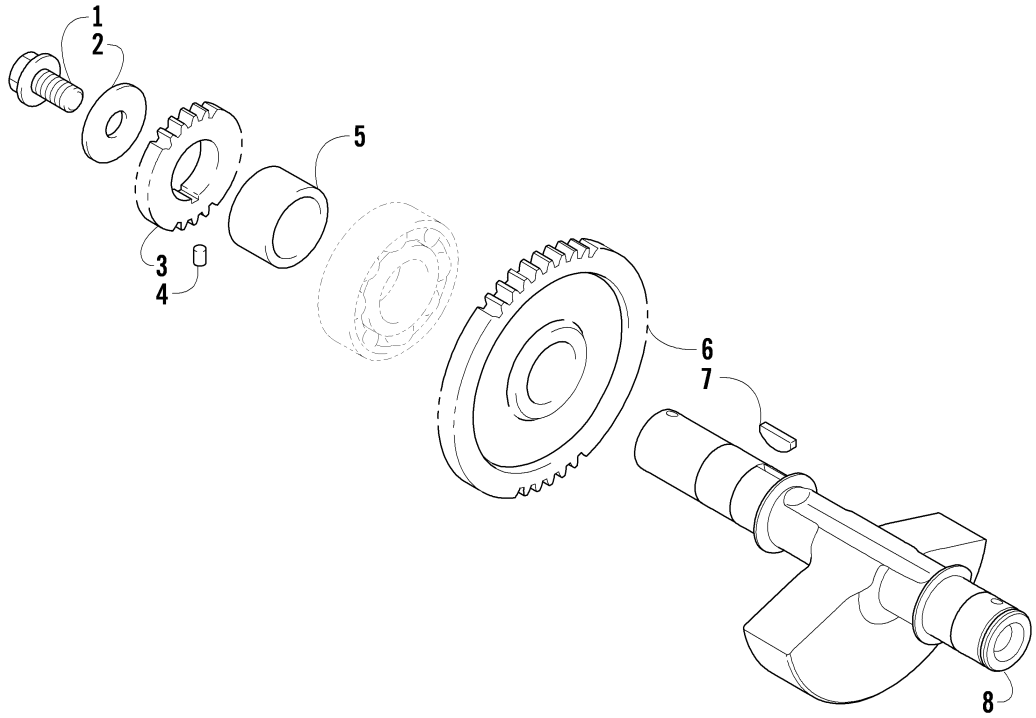
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0806-089		1	Cover, V-Belt	18	0830-015		1	Washer, Crush
2	0829-002		6	Pin, Dowel	19	3002-964		1	Clamp, Wire
3	0830-013		1	Washer, Crush	20	1602-981		1	Bearing
4	8408-812		1	Screw, Cap	21	0830-158		1	Seal
5	0832-060		1	Bearing	22	0805-008		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	0832-009		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					



STARTER CLUTCH ASSEMBLY

0739-940

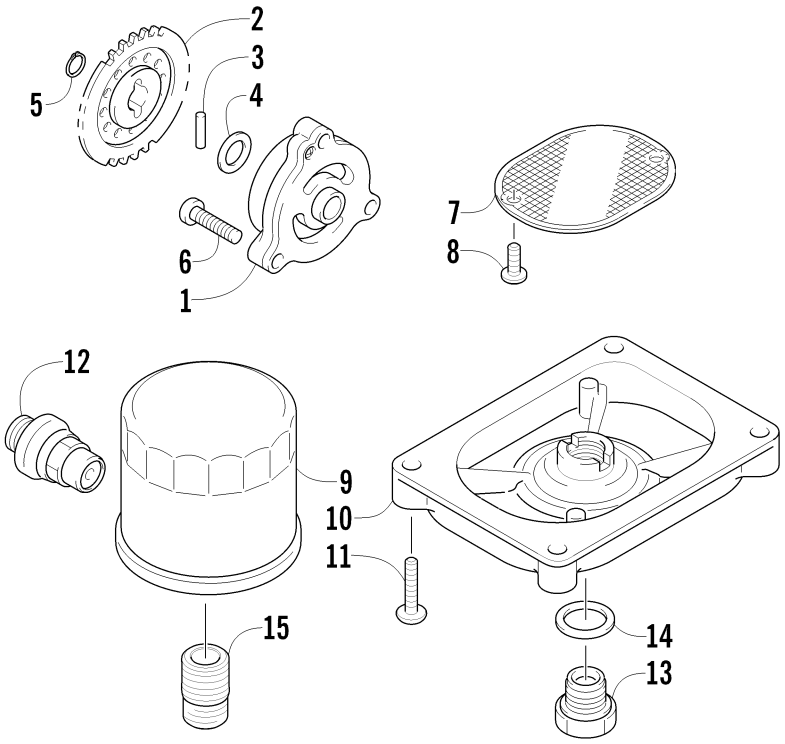
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0815-001		1	Gear, Starter Idler - No. 1	6	0815-004		1	Gear, Starter Clutch (inc. 7)
2	0829-031		1	Shaft, Starter Gear	7	0832-079		1	● Bearing
3	0815-002		1	Gear, Starter Idler - No. 2	8	0802-035		1	Clutch, Starter
4	0815-003		1	Spacer, Starter Idler Gear No. 2	9	0826-069		6	Screw, Machine
5	0829-032		1	Shaft, Starter Gear	10	0828-094		1	Washer



CRANK BALANCER ASSEMBLY

0739-941

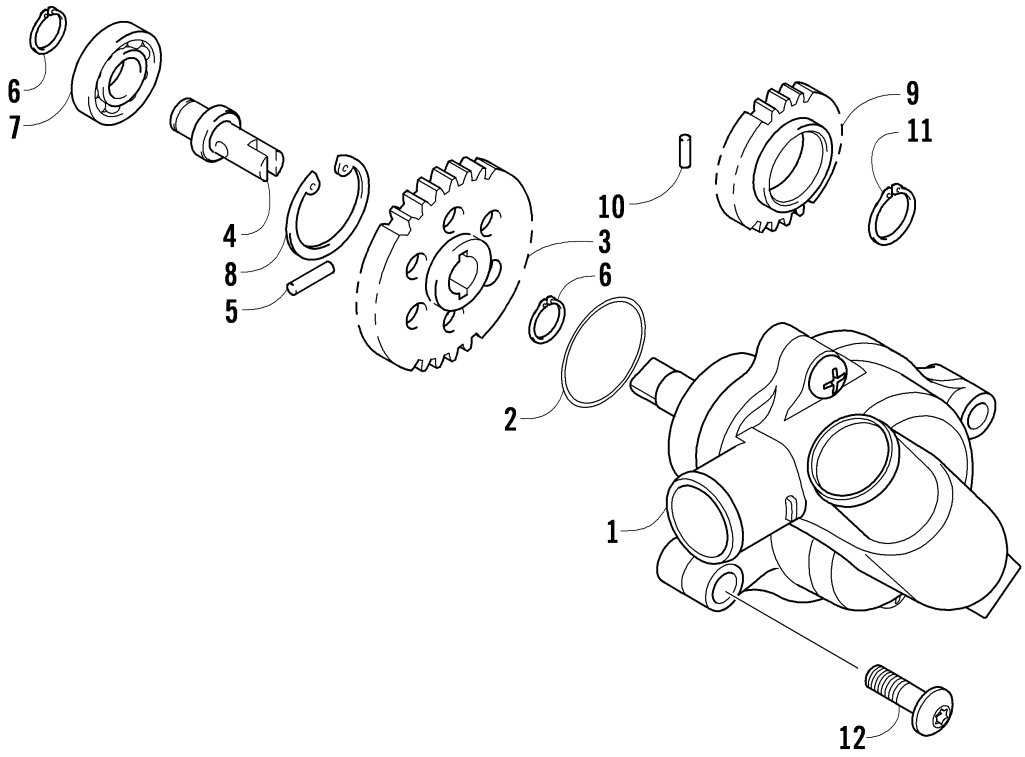
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0826-033		1	Screw, Cap	5	0811-004		1	Spacer
2	0828-003		1	Washer	6	0811-034		1	Gear, Driven
3	0811-003		1	Gear, Oil Pump Drive	7	0829-006		1	Key
4	0829-007		1	Pin, Dowel	8	0805-304	X	1	Balancer, Crank



OIL FILTER/PUMP ASSEMBLY

0744-012

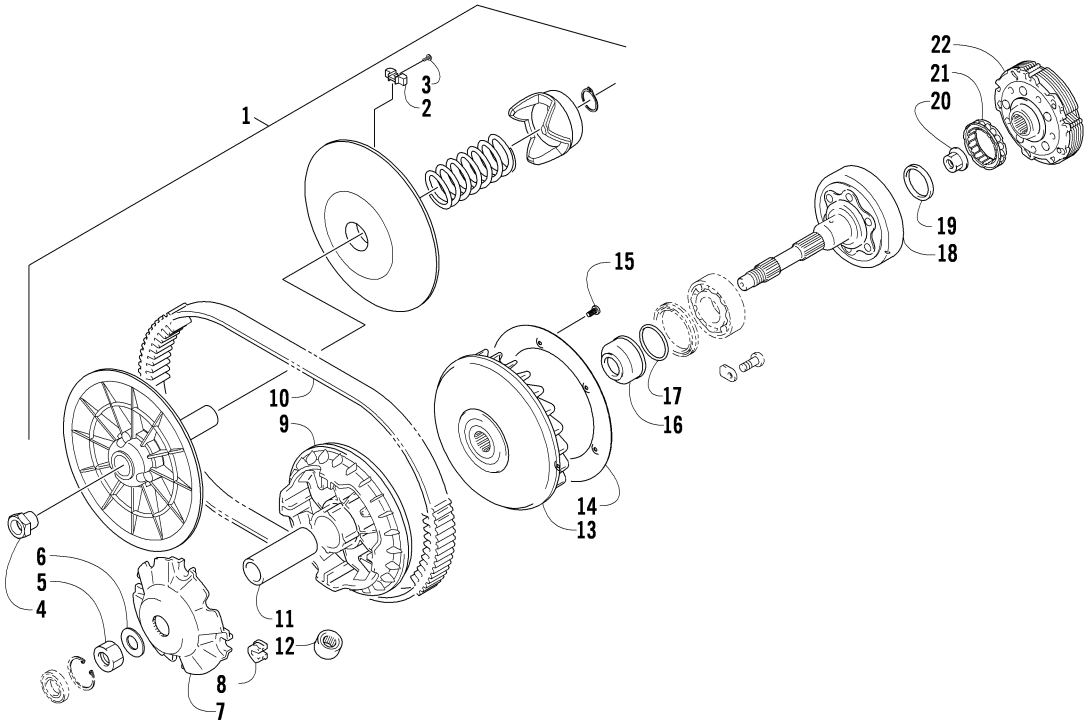
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0812-023		1	Pump, Oil	9	0812-029		1	Filter, Oil
2	0812-083		1	Gear, Driven	10	0812-053		1	Cap, Oil Strainer
3	0829-009		1	Pin	11	8468-625		4	Screw, Machine
4	0828-007		1	Washer	12	0812-007		1	Valve, Oil-Relief - Assembly
5	0831-002		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

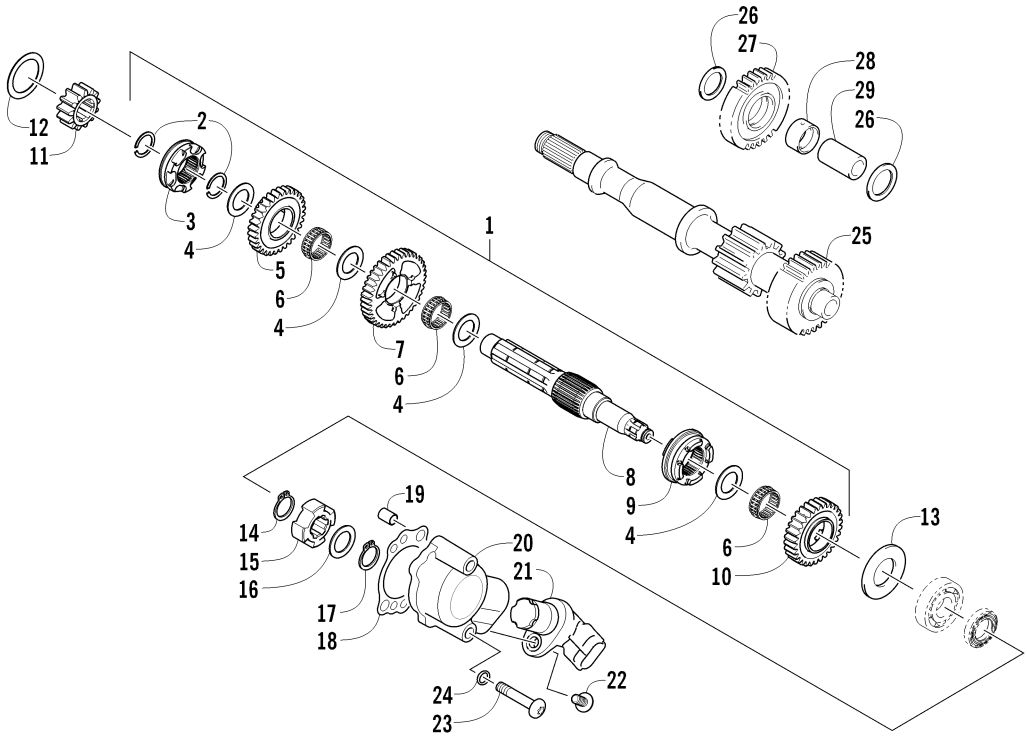
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-001		1	Pump, Water - Assembly (inc. 2)	7	0832-046		1	Bearing, Shaft
2	0830-029		1	● O-Ring	8	0831-004		1	Ring, Retaining
3	0813-004		1	Gear, Driven	9	0811-003		1	Gear, Water Pump Drive
4	0813-005		1	Shaft, Driven Gear	10	0829-007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



TRANSMISSION ASSEMBLY

0743-967

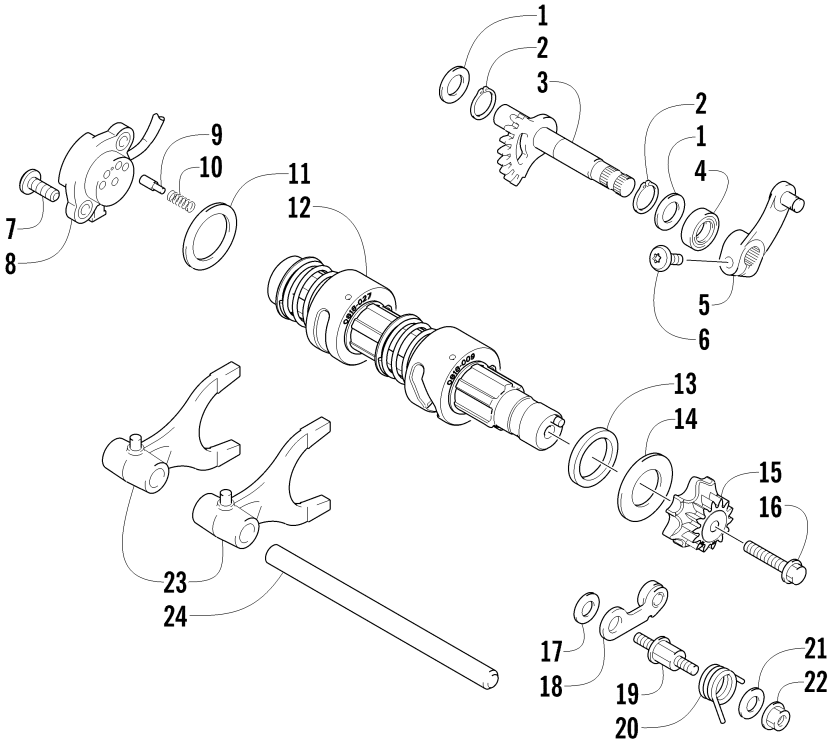
Ref	Part No.	New	Qty	Description
1	0823-353	X	1	Pulley, Driven - Assembly (inc. 2-4)
2	0823-176		3	● Shoe, Cam
3	0823-177		3	● Screw, Machine
4	0823-178		1	● Nut
5	0827-010		1	Nut
6	0828-106		1	Washer
7	0823-276	X	1	Plate, Movable Drive Face
8	0823-277	X	4	Damper, Movable Drive Face
9	0823-273	X	1	Face, Movable Drive
10	0823-013		1	Belt, Drive
11	0823-271	X	1	Spacer
12	0823-164		8	Roller
13	0823-272	X	1	Face, Fixed Drive
14	0823-131		1	Shroud, Drive Face
15	0623-914		6	Screw, Self-Tapping
16	0823-015		1	Spacer, Fixed Drive Face
17	0470-531		1	O-Ring
18	0821-002		1	Housing, Clutch - Assembly
19	0830-189		1	Seal
20	0827-011		1	Nut
21	0823-018		1	Clutch, One-Way
22	0823-310		1	Clutch, Centrifugal - 6 Plate



SECONDARY TRANSMISSION ASSEMBLY

0745-260

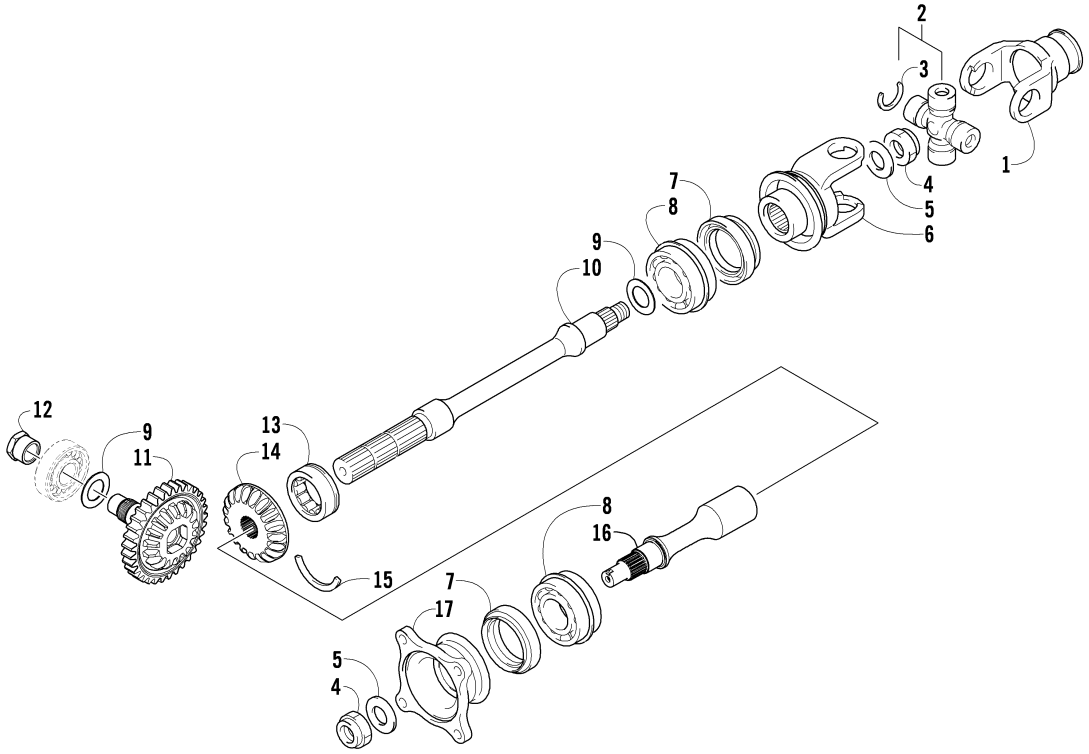
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124		1	Countershaft Assembly (inc. 2-10)	16	0828-069		1	Washer, Thrust
2	0831-085		2	● Ring, Retaining	17	0831-039		1	Ring, Retaining
3	0822-120		1	● Gear Select, Reverse	18	0830-129		1	Gasket
4	0822-121		4	● Shim	19	0829-023		2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

0745-773

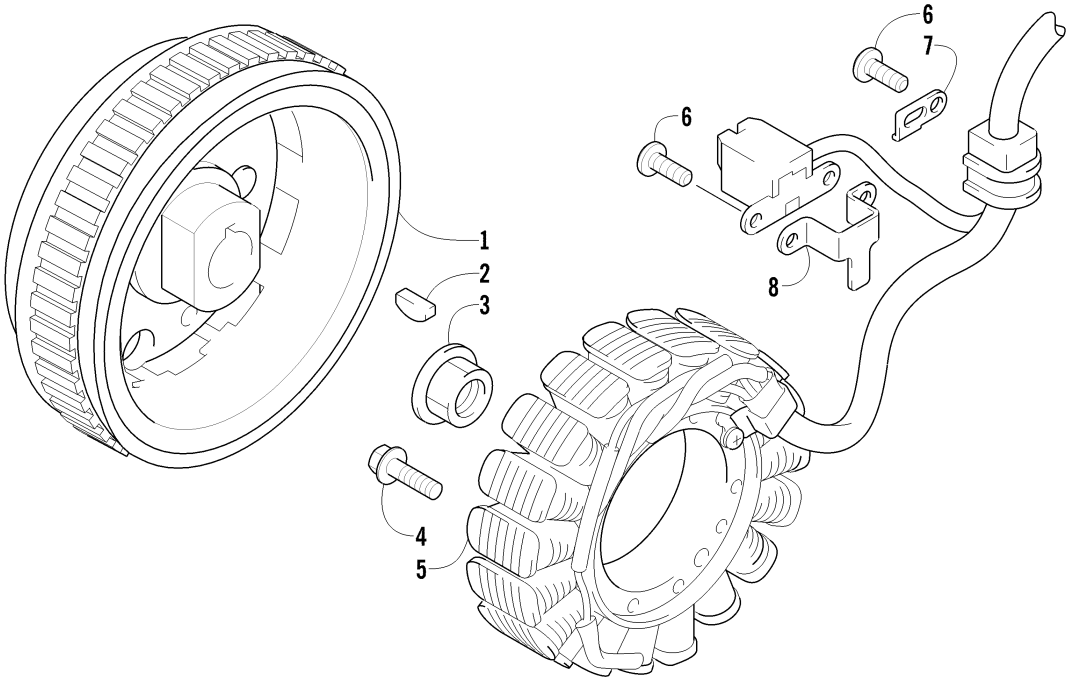
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0828-036		2	Washer	13	0828-131	X	1	Spacer
2	0831-010		2	Ring, Retaining	14	0828-037		1	Washer
3	0818-007		1	Shaft, Sub-Gear Shift	15	0818-089		1	Plate, Gear Shift Cam
4	0830-044		1	Seal, Sub-Gear Shift Shaft	16	0826-006		1	Screw, Cap
5	0818-014		1	Arm, Select	17	0828-038		1	Washer
6	8468-620		1	Screw, Machine	18	0818-002		1	Stopper, Cam
7	8470-520		2	Screw, Machine	19	0818-004		1	Support, Cam Stopper
8	0409-090		1	Switch, Gear Position	20	0818-090		1	Spring
9	0818-013		2	Contact	21	0828-035		1	Washer
10	0818-017		2	Spring	22	8424-602		1	Nut
11	0828-040		1	Washer	23	0818-072		2	Fork, Shift
12	0818-046		1	Shaft, Gear Shift - Assembly	24	0818-006		1	Shaft, Shift Fork



SECONDARY DRIVE ASSEMBLY

0743-766

Ref	Part No.	New	Qty	Description
1	0819-063		1	Yoke, Propeller Shaft Joint
2	1402-164		1	Joint, Universal - Set (inc. 3)
3	0423-450		4	● Ring, Retaining
4	0827-013		2	Nut
5	0828-020		2	Washer
6	0819-061		1	Yoke, Drive Output
7	0830-043		2	Seal, Oil
8	0832-017		2	Bearing
9	0828-021		AR	Shim, 25 x 34 x 0.25 mm
	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
10	0819-089		1	Shaft, Secondary Driven - Front
11	0822-131		1	Gear, Secondary Drive
12	0827-052		1	Nut
13	0832-016		1	Bearing
14	0822-106		1	Gear, Secondary Driven
15	0819-011		1	Ring, Driven Bearing
16	0819-053		1	Shaft, Secondary Driven - Rear
17	0819-005		1	Flange, Output Joint



MAGNETO ASSEMBLY

0746-022

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0802-048		1	Rotor/Flywheel	5	0802-041		1	Stator - Assembly
2	0829-012		1	Key	6	8470-510		3	Screw, Machine
3	0827-014		1	Nut	7	0802-015		1	Clamp - No. 1
4	8409-632		3	Screw, Cap	8	0802-016		1	Clamp - No. 2

Printed in U.S.A. p/n 2259-163