

2012 ATV

ILLUSTRATED PARTS MANUAL

1000 TRV GT EFT



Model Number A2012TGW1PETA

ARCTIC CAT®
SHARE OUR PASSION.™

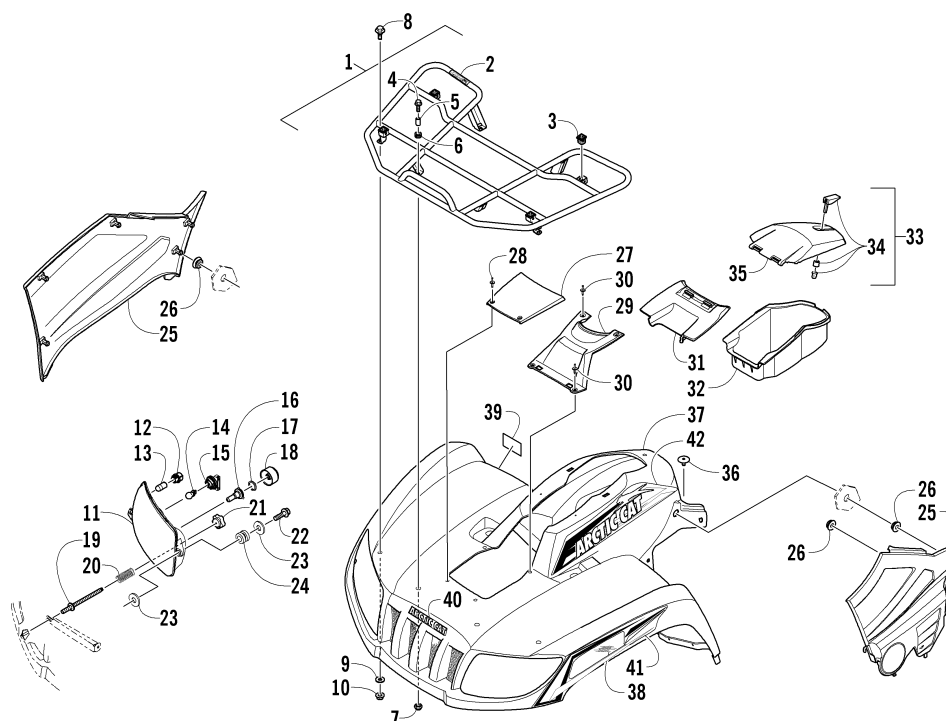
TABLE OF CONTENTS

2012 1000 TRV GT EFT

Green (Model No. A2012TGW1PETA)

FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES	1
REAR BODY PANEL AND FOOTWELL ASSEMBLIES	2
REAR RACK ASSEMBLY	3
FRAME AND RELATED PARTS	4
WINCH ASSEMBLY	5
LICENSE PLATE HOLDER ASSEMBLY	6
SEAT ASSEMBLY	7
PASSENGER SEAT AND BACKREST ASSEMBLY	8
STEERING ASSEMBLY	9
HANDLEBAR ASSEMBLY	10
INSTRUMENT POD ASSEMBLY	11
FRONT SUSPENSION ASSEMBLY	12
REAR SUSPENSION ASSEMBLY	13
WHEEL AND TIRE ASSEMBLY	14
HYDRAULIC BRAKE ASSEMBLY	15
PARKING BRAKE ASSEMBLY	16
GAS TANK ASSEMBLY	17
SHIFT LEVER ASSEMBLY	18
AIR INTAKE ASSEMBLY	19
ENGINE AND EXHAUST	20
COOLING ASSEMBLY	21
CASE/BELT COOLING ASSEMBLY	22
DRIVE TRAIN ASSEMBLY	23
FRONT DRIVE GEARCASE ASSEMBLY	24
REAR DRIVE GEARCASE ASSEMBLY	25
WIRING HARNESS ASSEMBLY	26
BATTERY AND STARTER ASSEMBLY	27
THROTTLE BODY ASSEMBLY	28
CYLINDER ASSEMBLY	29
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY	30
CAM CHAIN ASSEMBLY	31
CRANKCASE ASSEMBLY	32
CRANKSHAFT AND PISTON ASSEMBLY	33
STARTER CLUTCH ASSEMBLY	34
OIL 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
MAGNETO SIDE ENGINE COVERS	42
CLUTCH SIDE ENGINE COVERS	43

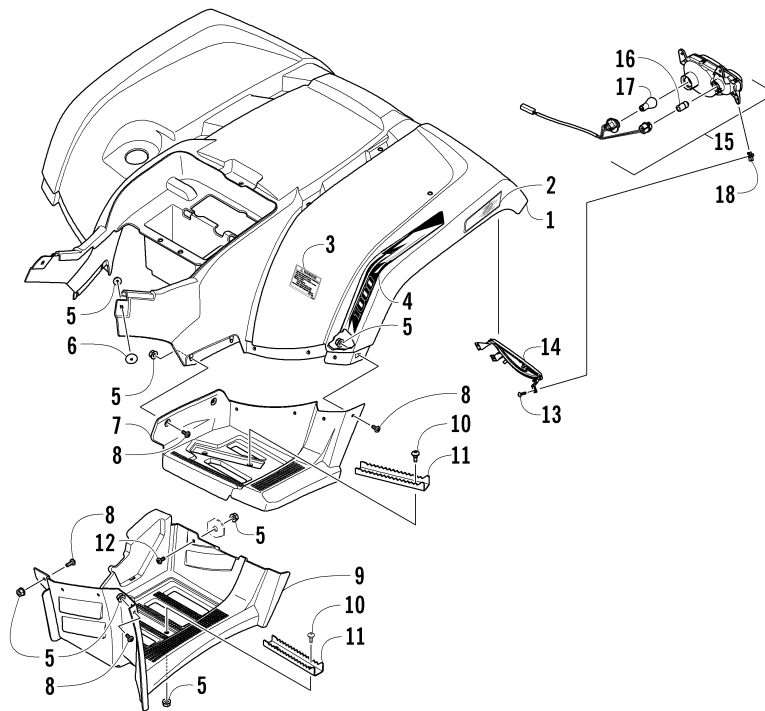
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0746-490

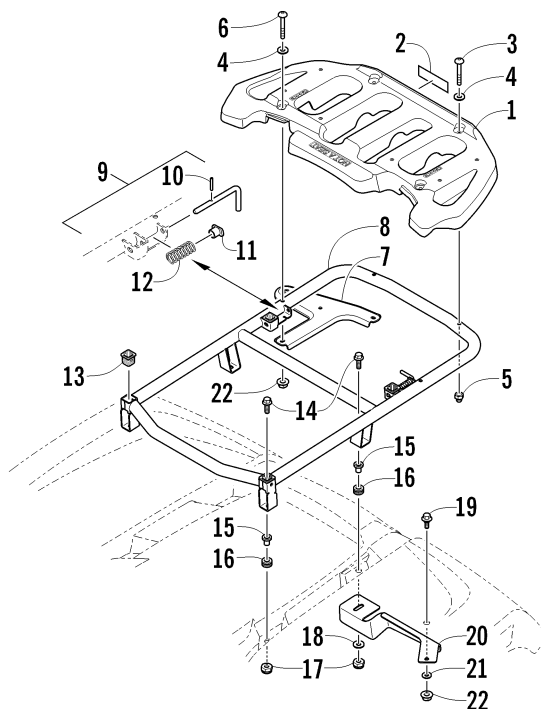
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	24	0423-447		4	Grommet
2	0411-576		1	● Decal, Warning - Load	25	2406-802		1	Panel, Side - Lower - Right
3	0441-592		4	● Bushing		2406-803		1	Panel, Side - Lower - Left
4	8410-830		4	Screw, 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	1406-484		1	Cover, Steering Post
8	0423-654		2	Screw, Shoulder	30	0623-362		4	Rivet, Reinstallable
9	8050-222		2	Washer	31	0470-513		1	Cover, Storage Box
10	0423-540		2	Nut, Lock	32	1406-573		1	Box, Storage
11	0509-036		1	Headlight Assembly - Right (inc. 12-18)	33	2506-234		1	Lid, Storage Box w/Latch (inc. 35-36)
	0509-037		1	Headlight Assembly - Left (inc. 12-18)	34	1406-599		1	● Latch, Storage Box
12	0409-102		2	● Socket, Position Bulb	35	0470-514		1	● Lid, Storage Box
13	0409-101		2	● Bulb, Position	36	0423-101		2	Screw, Shoulder
14	0409-099		2	● Bulb, Turn Signal	37	2516-134		1	Panel, Fender - Green
15	0409-100		2	● Socket, Turn Signal Bulb	38	0411-818		1	Decal, Reflector - Right - Amber
16	0409-096		2	● Bulb, Headlight		0411-819		1	Decal, Reflector - Left - Amber
17	0409-097		2	● Retainer, Spring	39	1411-906		1	Decal, Warning - Throttle
18	0409-098		2	● Boot, Rubber	40	1411-725		1	Decal, "Arctic Cat"
19	0423-514		2	Stud, Adjuster - Headlight	41	2411-694	X	1	Decal, Side - Front Right
20	0423-522		2	Spring, Adjuster		2411-695	X	1	Decal, Side - Front Left
21	0423-513		2	Knob, Adjuster	42	2411-696	X	1	Decal, Side - Upper Right
22	0623-785		4	Screw, Self-Tapping		2411-697	X	1	Decal, Side - Upper Left
23	8050-217		8	Washer					



REAR BODY PANEL AND FOOTWELL ASSEMBLIES

0746-504

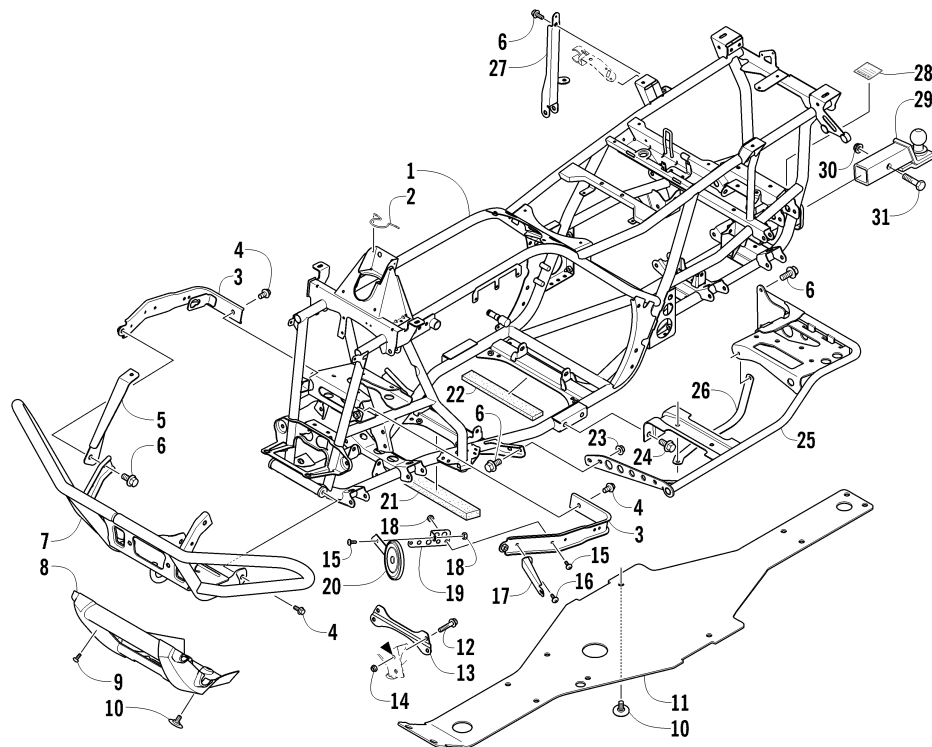
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-308		1	Fender, Rear - Assembly - Green	10	0423-355		8	Screw, Shoulder
2	1411-592		1	Decal, Reflector - Right - Red	11	1506-125		4	Footpeg
	1411-593		1	Decal, Reflector - Left - Red	12	8477-620		2	Screw, Machine
3	2411-830	X	1	Decal, Warning - Tire Pressure	13	8476-516		6	Screw, Machine
4	2411-740	X	1	Decal, 1000 - Right	14	0409-112		1	Bezel, Taillight - Right
	2411-741	X	1	Decal, 1000 - Left		0409-113		1	Bezel, Taillight - Left
5	0423-540		34	Nut, Lock	15	3313-392		1	Taillight Assembly - Right (inc. 16-17)
6	0423-101		2	Screw, Shoulder		3313-393		1	Taillight Assembly - Left (inc. 16-17)
7	2406-042		1	Footwell, Rear - Right	16	3313-506		2	● Bulb, Turn Signal
	2406-043		1	Footwell, Rear - Left	17	3303-849		2	● Bulb, Taillight
8	0423-419		22	Screw, Machine	18	3304-061		6	Clip, U-Nut
9	2506-856		1	Footwell - Right					
	2506-857		1	Footwell - Left					



REAR RACK ASSEMBLY

0745-327

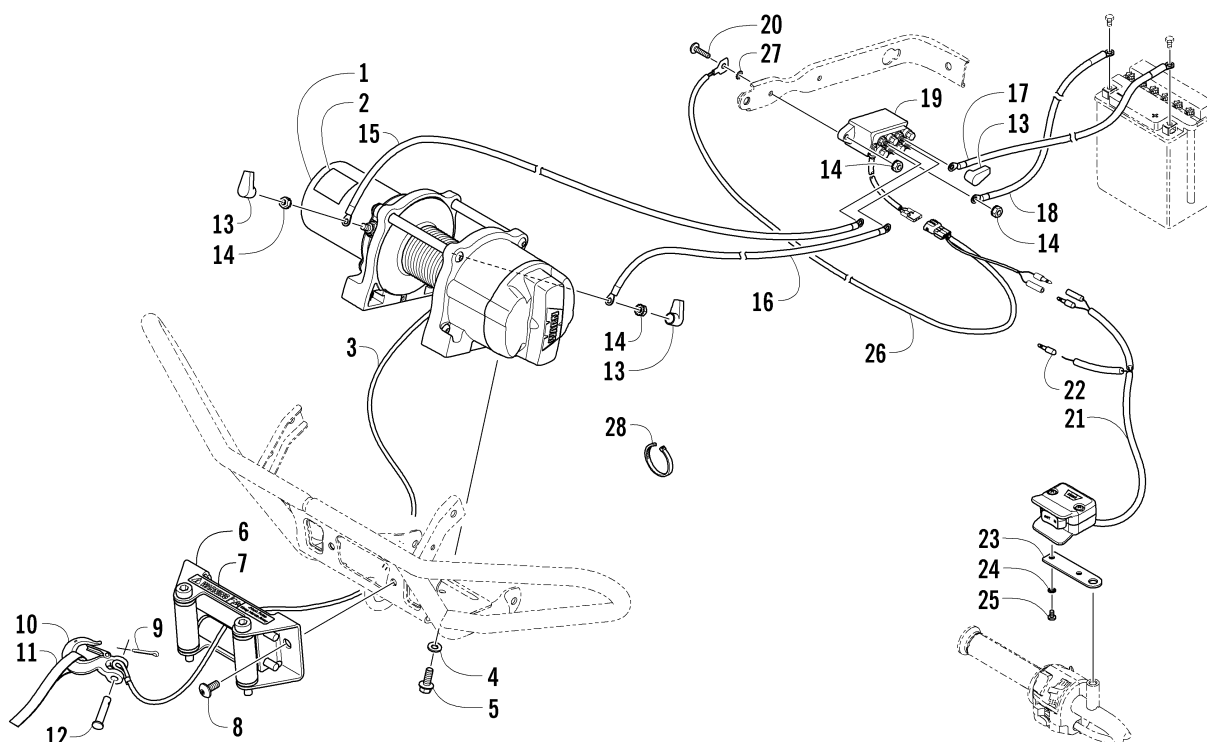
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-339		1	Rack, Rear (inc. 2)	13	0441-592		4	● Bushing
2	1411-201		1	● Decal, Warning - Load	14	8410-835		4	Screw, Cap
3	8410-640		3	Screw, Cap	15	0423-669		4	Spacer
4	8050-223		4	Washer	16	0423-465		4	Grommet
5	0423-891		2	Nut, Cap	17	8432-802		4	Nut, Lock
6	8410-645		2	Screw, Cap	18	0423-087		2	Washer
7	2506-926		1	Bracket, Mounting - Safety Flag	19	0423-654		2	Screw, Shoulder
8	2516-169		1	Base, MRP - Assembly (inc. 9-13)	20	2506-092		1	Bracket, Rear Fender - Right
9	0541-504		2	● Pin - Assembly (inc. 10-12)		2506-093		1	Bracket, Rear Fender - Left
10	0423-635		2	●● Pin, Roll	21	8050-222		2	Washer
11	0423-677		2	●● Bushing, Flanged	22	0423-540		4	Nut, Lock
12	0423-636		2	●● Spring					



FRAME AND RELATED PARTS

0745-709

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-556	X	1	Frame, Main	17	2416-162		1	Bracket, Support - Right
2	2416-401		1	Clip, Routing		2416-163		1	Bracket, Support - Left
3	2506-813		1	Channel, Mounting - Bumper - Right	18	0623-038		3	Nut w/Washer
	2506-285		1	Channel, Mounting - Bumper - Left	19	2406-321		1	Bracket, Mounting - Horn
4	8409-020		4	Screw, Cap	20	0430-053		1	Horn, Electric - 12V
5	1506-562		1	Bracket, Mounting - Bumper - Right	21	2506-701		1	Pad, Foam
	1506-563		1	Bracket, Mounting - Bumper - Left	22	0406-289		1	Pad, Foam
6	8408-816		11	Screw, Cap	23	8424-802		4	Nut
7	1506-855		1	Bumper, Front	24	8409-016		4	Screw, Cap
8	1406-360		1	Fascia, Bumper - Front	25	2506-776		1	Footrest - Right
9	0423-419		2	Screw, Machine		1506-849		1	Footrest - Left
10	0423-101		12	Screw, Shoulder	26	2406-788		1	Strap, Footrest - Right
11	2406-718		1	Panel, Belly		2406-789		1	Strap, Footrest - Left
12	8409-025		2	Screw, Cap	27	2506-447		1	Bracket, Support
13	2516-852		1	Brace, A-Arm	28	1411-077		1	Decal, Warning - Towing
14	0423-744		2	Nut, Lock	29	0541-857		1	Mount, Ball Hitch (inc. 30-31)
15	8477-616		2	Screw, Machine	30	0423-690		1	● Nut, Lock
16	8477-620		1	Screw, Machine	31	0423-693		1	● Screw, Cap



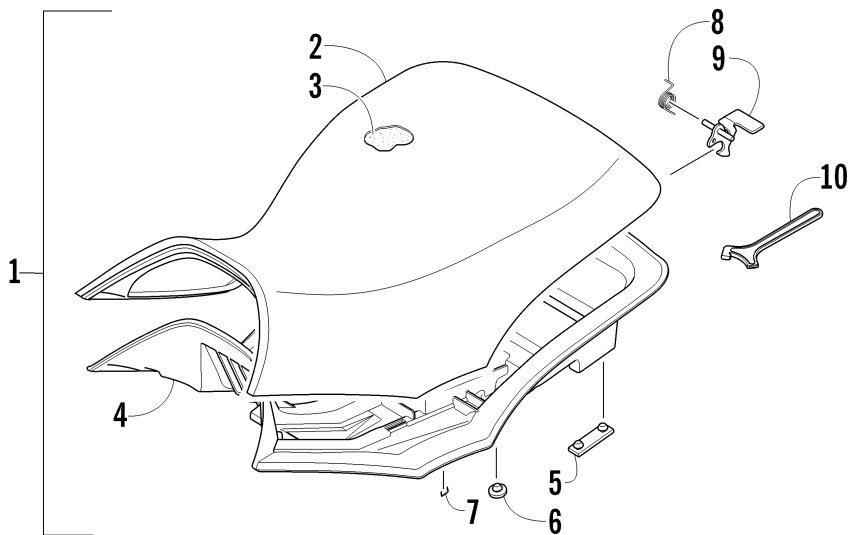
WINCH ASSEMBLY

0745-322

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



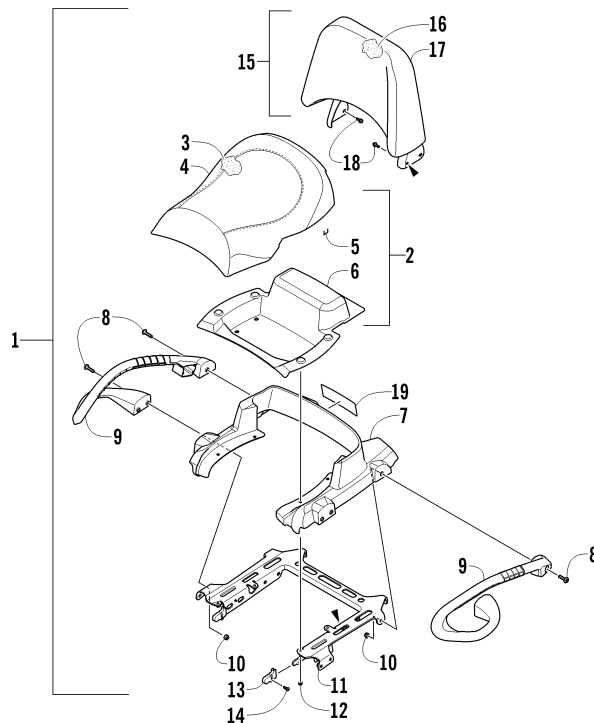
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	2506-914		1 Mount, License Plate	5	0123-950	2	Screw, Self-Tapping
2	3304-772		1 Light, License Plate Assembly (inc. 3-4)	6	8432-802	2	Nut, Lock
3	-		2 ● Screw, Self-Tapping -	7	8050-247	2	Washer
			Not a Service Part	8	8468-820	2	Screw,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



SEAT ASSEMBLY

0744-621

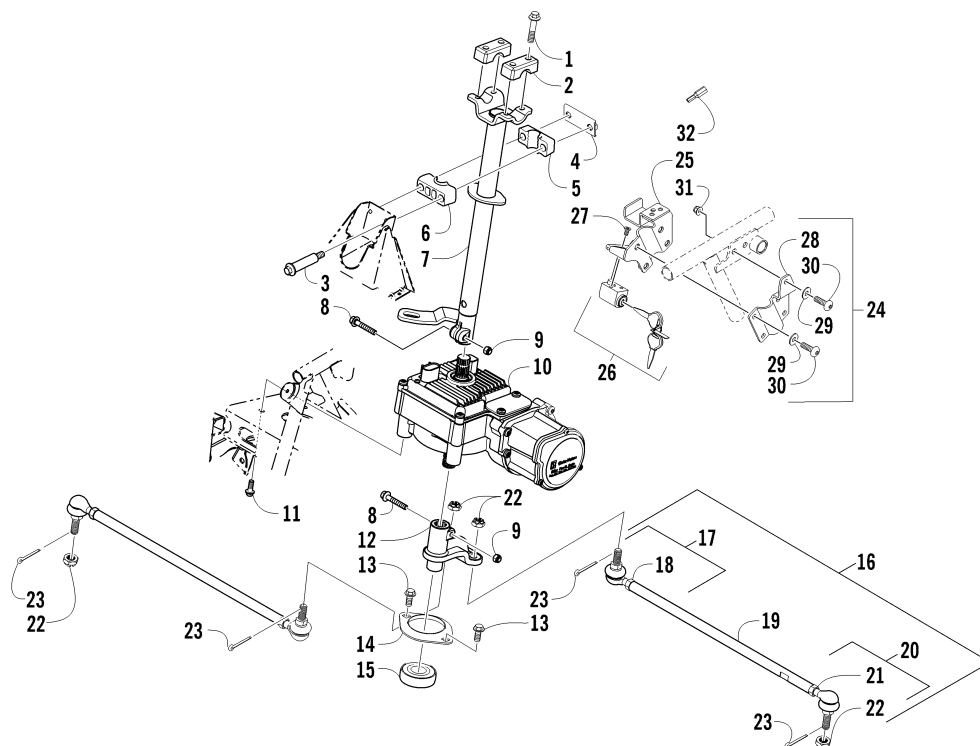
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-558	X	1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	1506-209		1	● Cover, Seat	7	0624-263		AR	● Staple
3	0517-119		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2416-827	X	1	● Base, Seat - Assembly (inc. 5-6)	9	1506-156		1	● Latch, Seat
5	0406-879		2	●● Bumper, Seat - Rear	10	0441-587		1	Wrench, Spanner



PASSENGER SEAT AND BACKREST ASSEMBLY

0745-710

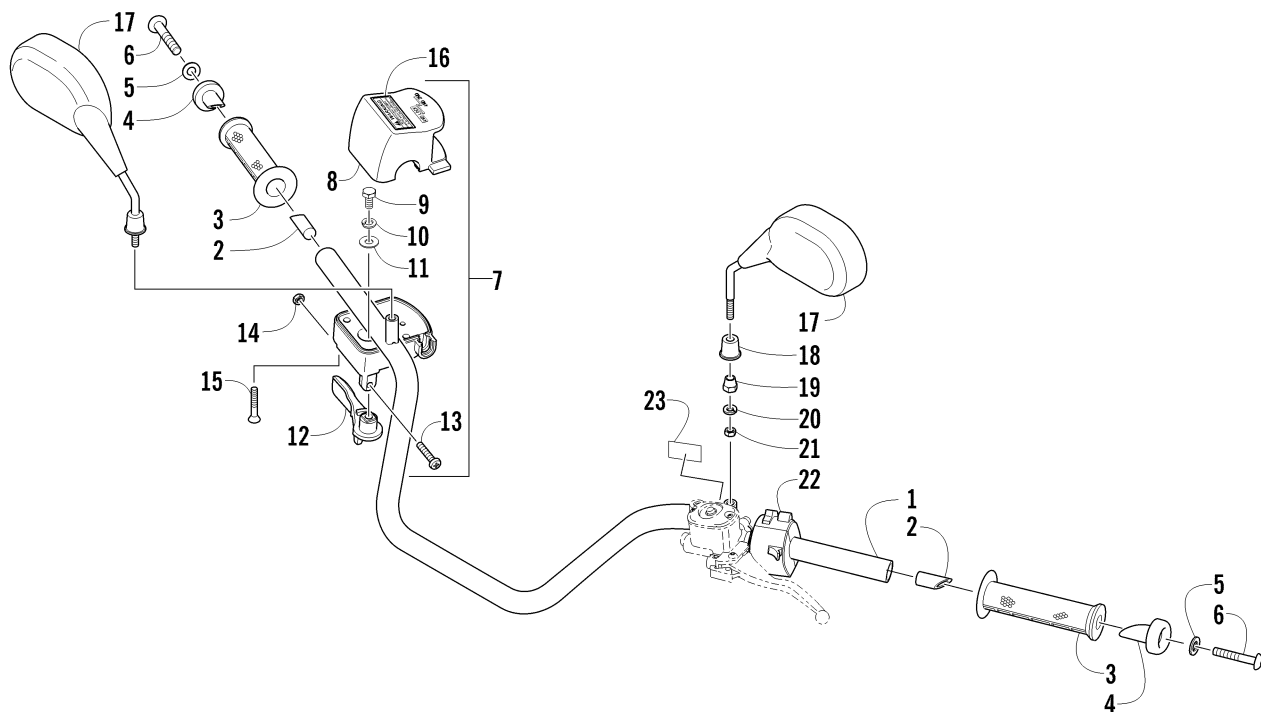
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-896		1	Seat, Passenger - Assembly (inc. 2-14)	10	8432-802		6	● Nut, Lock
2	2506-064		1	● Seat, Passenger - Sub-Assembly (inc. 3-6)	11	2516-040		1	● Bracket, Seat Support - Assembly
3	1506-816		1	●● Foam, Seat - Passenger	12	8427-602		4	● Nut, Lock
4	1506-815		1	●● Cover, Seat - Passenger	13	2406-895		2	● End Cap, Seat Support
5	0624-263	AR		●● Staple	14	0423-538		2	● Screw, Self-Tapping
6	2406-110		1	●● Base, Seat - Inner	15	2516-020		1	Backrest Assembly (inc. 16-17)
7	2406-044		1	● Base, Seat - Passenger	16	2516-018		1	● Foam, Backrest
8	8468-830		6	● Screw, Machine	17	2516-141		1	● Cover, Backrest
9	2406-834		1	● Handhold, Passenger - Right	18	8408-816		4	Screw, Cap
	2406-835		1	● Handhold, Passenger - Left	19	0411-814		1	Decal, "Arctic Cat"



STEERING ASSEMBLY

0745-656

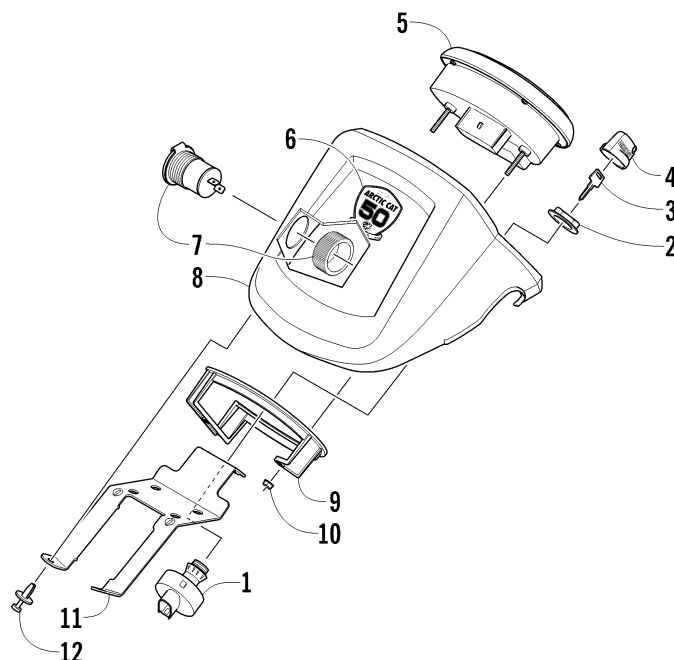
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap	18	0423-013		2	●● Nut - Left-Hand Thread
2	0405-035		2	Cap, Steering Adjuster	19	0405-281		2	● Tie Rod
3	0423-505		2	Screw, Shoulder	20	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 21)
4	0505-484		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		1	Post, Steering	24	0505-770	X	1	Lock, Steering - Assembly (inc. 25-31)
8	8020-045		2	Screw, Cap	25	0505-710		1	● Mount, Steering Lock
9	8040-366		2	Nut, Lock	26	3306-182		1	● Lock, Steering
10	0505-767	X	1	Assembly, Electronic Power Steering	27	1423-059		2	● Screw, Machine
11	8409-020		4	Screw, Cap	28	0405-409		1	● Mount, Steering Lock
12	0505-664		1	Arm, Steering	29	8050-247		5	● Washer
13	8408-816		2	Screw, Cap	30	1423-112	X	5	● Screw, Cap
14	0602-233		1	Flange, Bearing	31	8424-802		1	● Nut
15	0405-052		1	Bearing w/Inverted Oil Seal	32	2441-251	X	1	Tool, Anti-Tamper - Optional
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

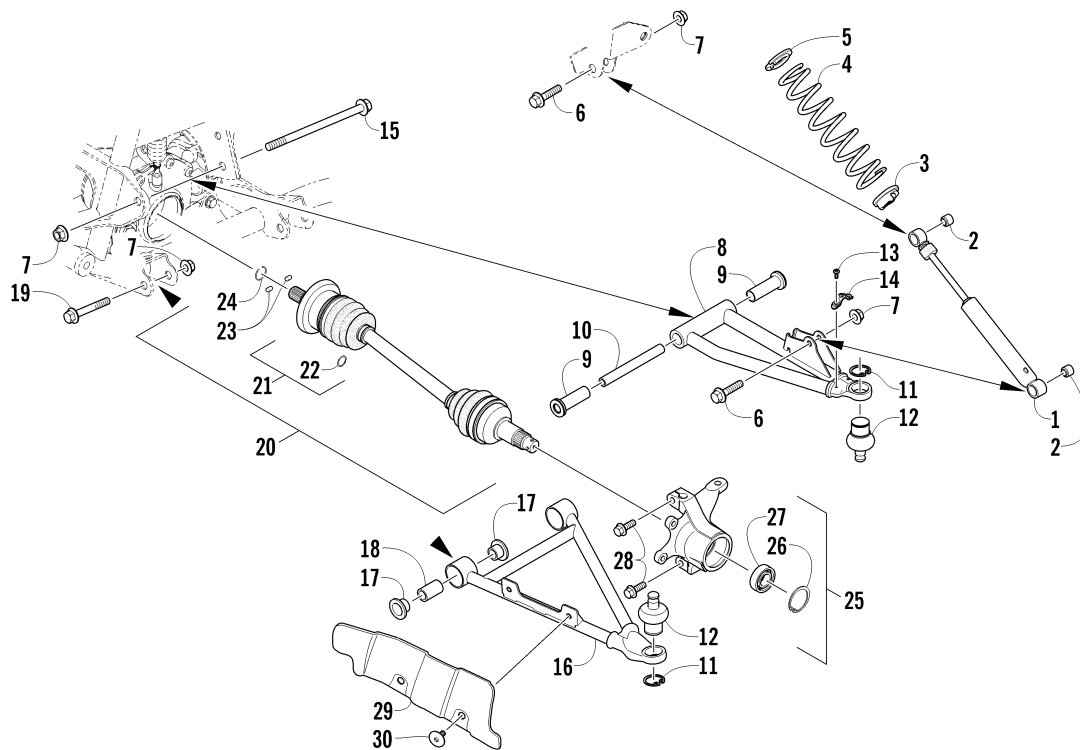
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-522		1	Handlebar	14	3423-327		1	● Nut
2	0405-218		2	Plug, Handlebar	15	3423-199		2	● Screw, Machine
3	0405-147		2	Grip, Handlebar	16	0411-966		1	Decal, Warning - Differential Lock
4	0405-149		2	End Cap, Handlebar	17	2406-630		1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



INSTRUMENT POD ASSEMBLY

0745-865

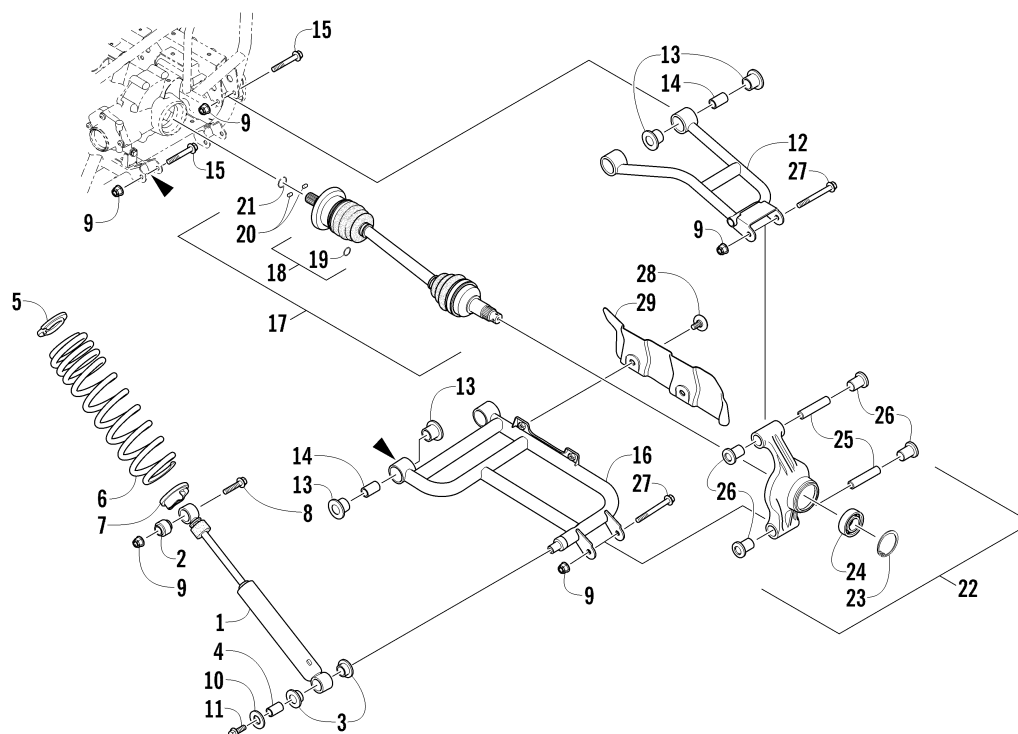
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	9611-603	X	1	Decal, 50th Anniversary
2	0430-050		1	● Nut, Retaining	7	0641-897		1	Outlet, Accessory - 12V
3	0430-042		1	● Key, Ignition - (Y Series - Left-Side Cut)	8	0505-589		1	Instrument Pod - Green
	0430-043		1	● Key, Ignition - (Z Series - Right-Side Cut)	9	0420-065		1	Bracket, Retaining
4	0430-054		1	● Cover, Key	10	0423-493		2	Nut w/Washer
5	0520-133		1	Gauge, LCD	11	2506-470		1	Bracket, Mounting - Instrument Pod
					12	0423-535		2	Rivet, Reinstallable



FRONT SUSPENSION ASSEMBLY

0745-247

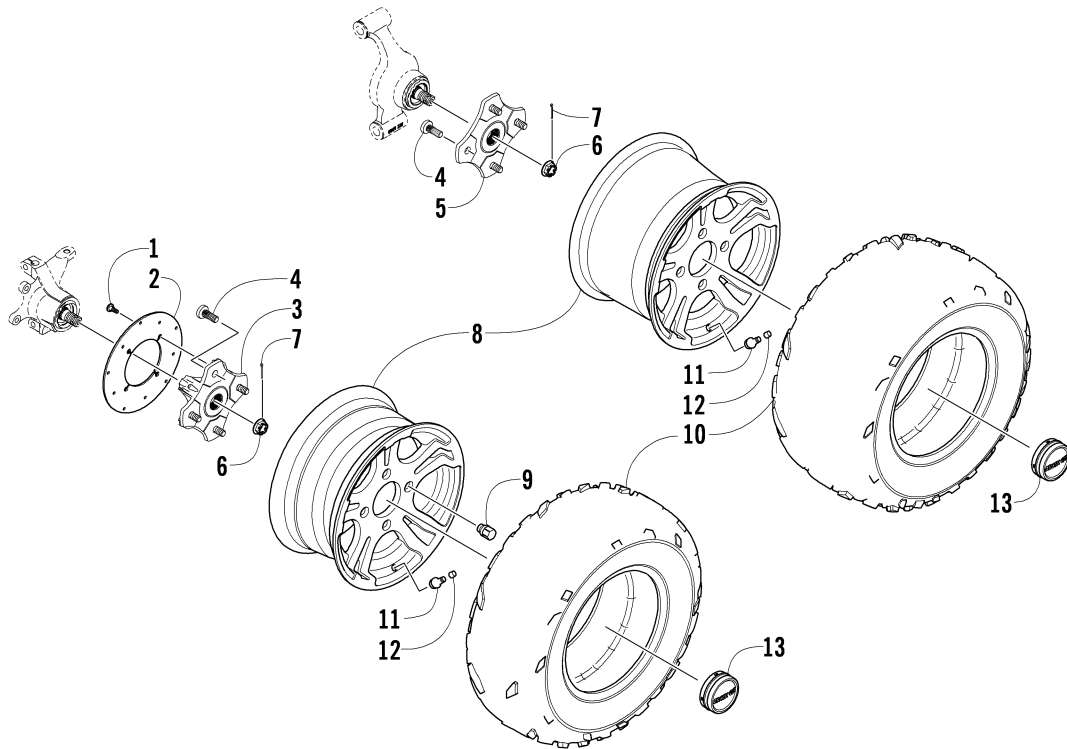
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-188		2	Shock Absorber (inc. 2)	17	0403-208		8	● Bushing
2	0403-182		4	● Bushing	18	0403-214		4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-468		2	Spring, Suspension - White	20	1502-806		1	Axle, Drive - Right (inc. 21-24)
5	1603-889		2	Retainer, Spring		1502-805		1	Axle, Drive - Locking - Left (inc. 21-24)
6	8409-040		4	Screw, Cap	21	1436-410		2	● Repair Kit, Boot (inc. 22)
7	0423-744		10	Nut, Lock	22	1441-988		2	● Clip, Retaining
8	0503-416		1	A-Arm, Upper Right - Black (inc. 9-12)	23	1402-885		4	● Pin, Detent
	0503-417		1	A-Arm, Upper Left - Black (inc. 9-12)	24	1402-889		2	● Clip, Retaining
9	0403-207		4	● Bushing	25	0505-578		1	Knuckle - Assembly - Right (inc. 26-27)
10	0403-080		2	● Axle		0505-579		1	Knuckle - Assembly - Left (inc. 26-27)
11	0423-009		4	● Ring, Retaining	26	0423-423		2	● Ring, Retaining
12	0405-115		4	● Ball Joint	27	1402-809		2	● Bearing
13	0423-946		4	Screw, Self-Tapping	28	0423-998		4	Screw, Shoulder
14	1502-594		2	Clamp, Routing	29	1406-034		1	Guard, Boot - Right - Black
15	0423-334		2	Screw, Cap		1406-035		1	Guard, Boot - Left - Black
16	0503-376		1	A-Arm, Lower Right - Black (inc. 17-18 and two No. 11-12)	30	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

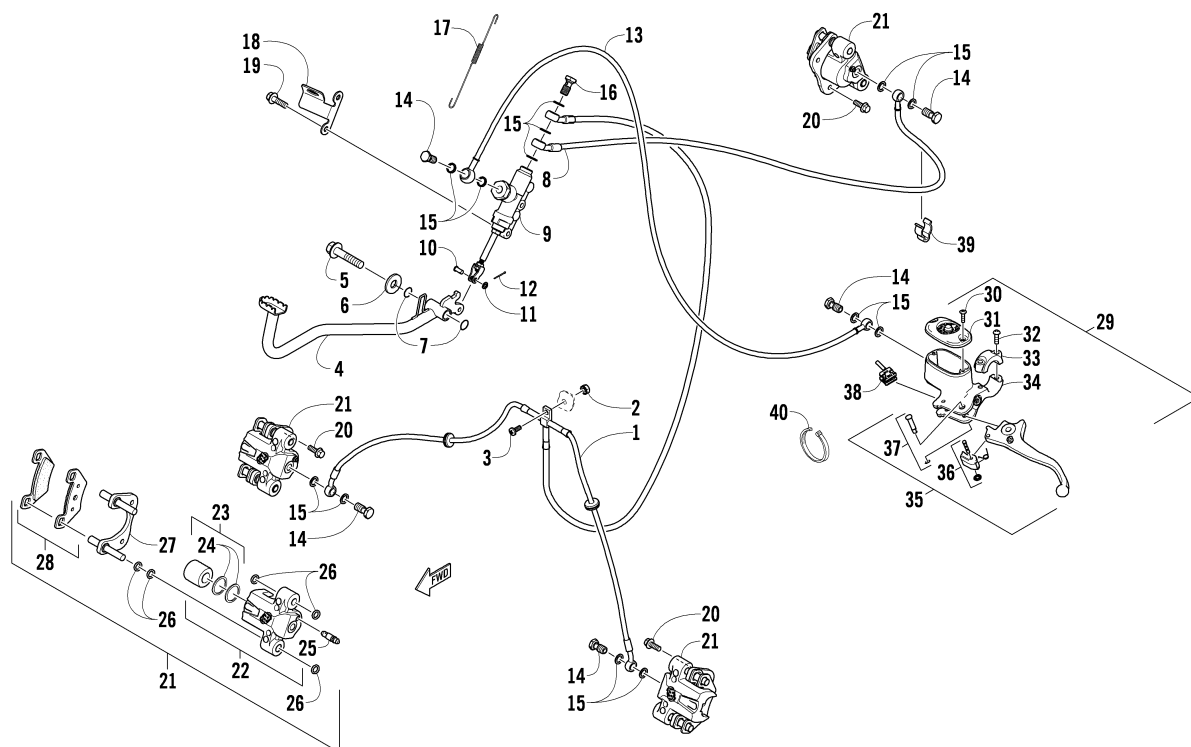
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)	17	1502-804		2	Axle, Drive (inc. 18-21)
2	0403-182		2	● Bushing	18	1436-410		2	● Repair Kit, Boot (inc. 19)
3	0603-955		4	● Bushing	19	1441-988		2	●● Clip, Retaining
4	1603-219		2	● Sleeve	20	1402-884		4	● Pin, Detent
5	1603-889		2	Retainer, Spring	21	1402-890		2	● Clip, Retaining
6	0504-638		2	Spring, Suspension - White	22	0504-630		1	Knuckle, Right - Assembly (inc. 23-26)
7	0404-057		2	Cam, Spring Adjuster		0504-551		1	Knuckle, Left - Assembly (inc. 23-26)
8	8409-050		2	Screw, Cap	23	0423-423		2	● Ring, Retaining
9	0423-744		14	Nut, Lock	24	1402-809		2	● Bearing
10	0423-087		2	Washer	25	0403-213		4	● Axle
11	8408-820		2	Screw, Cap	26	0403-206		8	● Bushing
12	0504-582		1	A-Arm, Rear - Upper Right - Black (inc. 13-14)	27	8409-000		4	Screw, Cap
	0504-583		1	A-Arm, Rear - Upper Left - Black (inc. 13-14)	28	0423-545		4	Screw, Shoulder
13	0403-208		16	● Bushing	29	1406-068		1	Guard, Boot - Rear - Right - Black
14	0403-214		8	● Axle		1406-069		1	Guard, Boot - Rear - Left - Black
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)					



WHEEL AND TIRE ASSEMBLY

0743-965

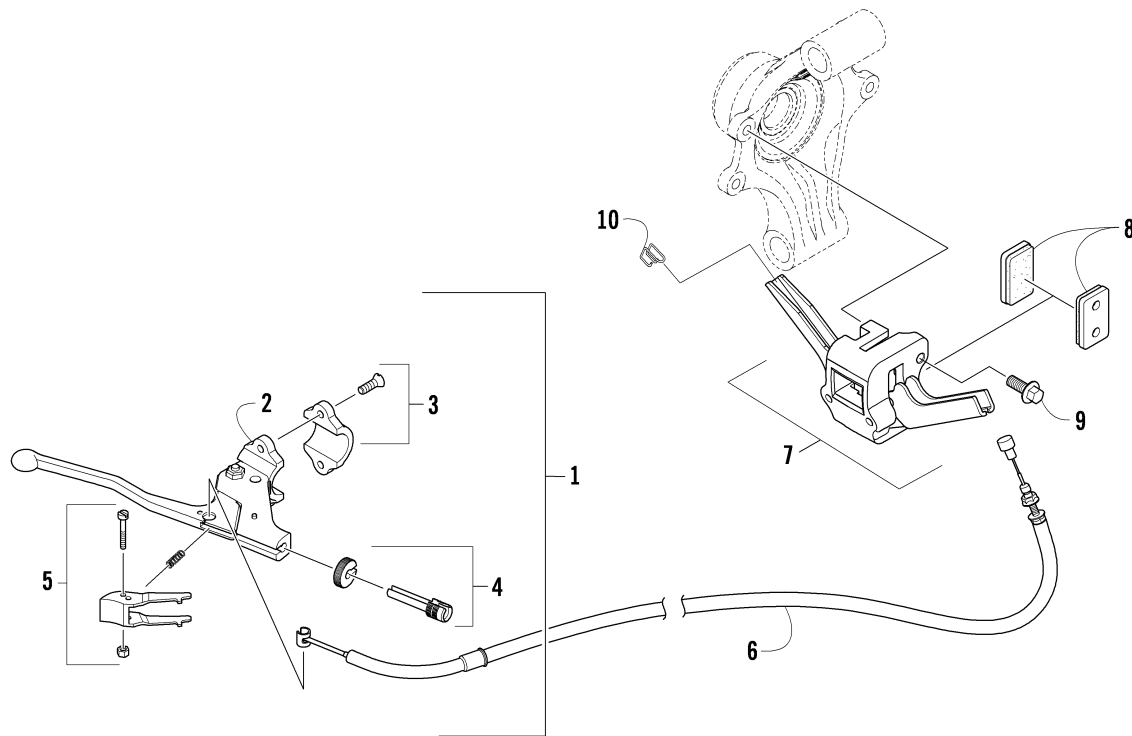
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557			12 Screw, Shoulder	9	0423-618		16	Nut, Lug - Chrome
2	1436-164			3 Disc, Brake	10	1402-858		2	Tire - Front
3	1502-437			2 Hub, Wheel - Front (inc. 4)		1402-859		2	Tire - Rear
4	0402-974		16	● Stud	11	0402-064		4	Stem, Valve (inc. 12)
5	1502-437			2 Hub, Wheel - Rear (inc. 4)	12	0402-140		4	● Cap, Valve Stem
6	0423-607			4 Nut, Castle	13	1402-736		4	Cap, Wheel
7	0423-407			4 Pin, Cotter					
8	1402-730			2 Wheel - Front - Aluminum					
	1402-731			2 Wheel - Rear - Aluminum					



HYDRAULIC BRAKE ASSEMBLY

0745-026

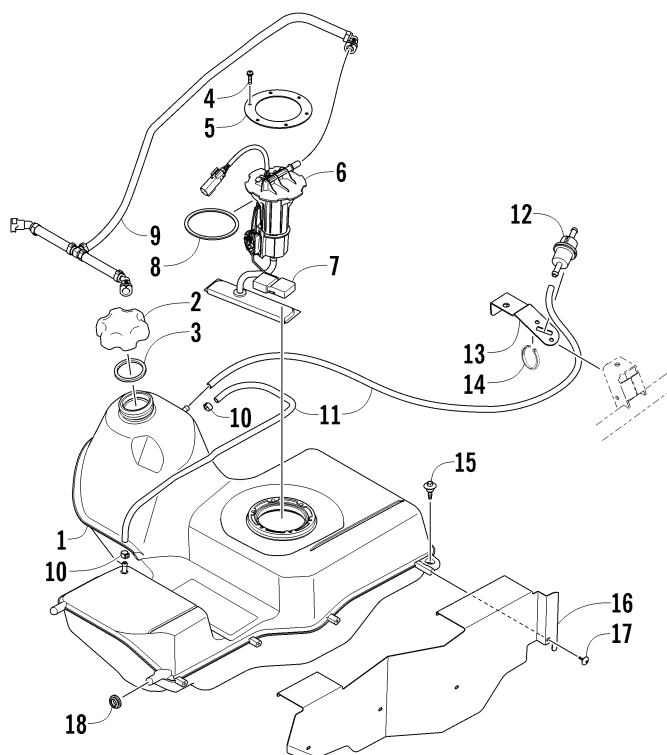
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-148		1	Hose, Brake - Assembly	22	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 20 and 23-25)
2	0623-038		1	Nut w/Washer		1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 20 and 23-25)
3	8476-625		1	Screw, Machine		1436-161		1	● Housing, Caliper - Assembly - Rear (inc. two No. 20 and 23-25)
4	1502-162		1	Lever, Brake	23	0502-606		3	●● Piston/Seal Set (inc. 24)
5	8408-816		1	Screw, Cap	24	0502-607		3	●●● Seal Set
6	8050-252		1	Washer	25	0502-609		3	●● Valve, Bleed
7	1602-213		2	O-Ring	26	0502-608		3	● O-Ring, Guide - Set
8	1402-592		1	Hose, Brake	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	1402-594		1	Hose, Brake	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	0502-840		1	Bracket, Switch	37	0502-580		1	●● Lever Pin - Kit
19	8408-625		2	Screw, Cap	38	0502-564		1	● Switch, Brake
20	8408-821		6	Screw, Cap	39	1502-115		2	Clip, Brake Hose
21	1436-422		1	Caliper, Brake - Right Front (inc. two No. 20 and 22-28)	40	0123-788		AR	Tie, Cable - 8 in.
	1436-423		1	Caliper, Brake - Left Front (inc. two No. 20 and 22-28)					
	1436-423		1	Caliper, Brake - Rear (inc. two No. 20 and 22-28)					



PARKING BRAKE ASSEMBLY

0743-214

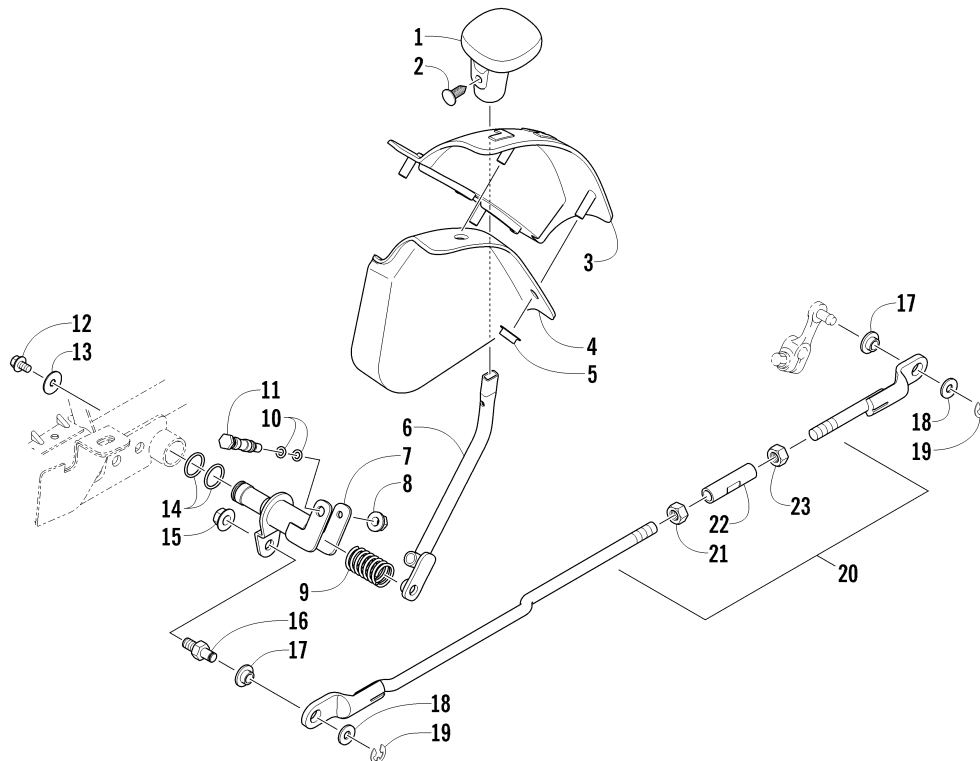
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-278		1	Lever, Parking Brake - Assembly (inc. 2-6)	6	0487-055		1	● Cable, Brake - Rear
2	1502-429		1	● Lever, Parking Brake - Kit	7	1502-865		1	Mechanical Brake Assembly (inc. 8)
3	1502-432		1	● Clamp, Handlebar - Kit	8	1402-602		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

0745-714

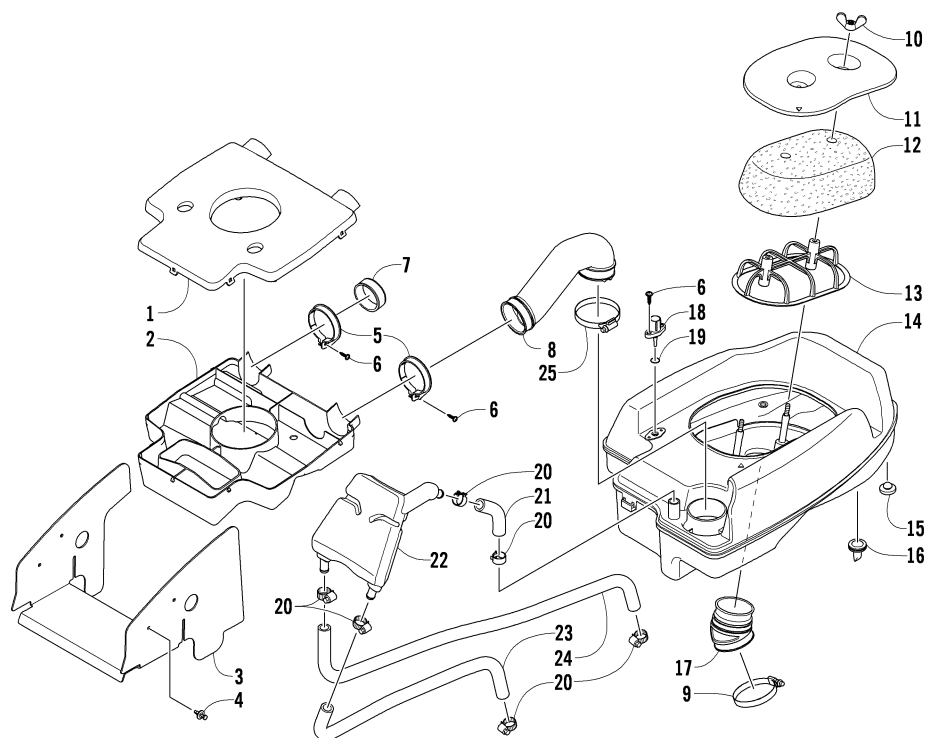
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-308		1	Tank, Gas - Assembly (inc. 2-5)	10	0423-688		2	Clamp, Hose
2	0470-438		1	● Cap, Gas Tank (inc. 3)	11	0410-070	AR		Hose, Gasline - 25 ft
3	0109-733		1	●● Gasket, Gas Tank Cap	12	0510-335		1	Filter, In-Line
4	0423-898		6	● Screw, Self-Tapping	13	0470-794		1	Bracket, Mounting - Filter
5	2670-042		1	● Plate, Retaining	14	0123-788	AR		Tie, Cable - 8 in.
6	0570-323		1	Pump, Fuel - Assembly (inc. 7-8)	15	0423-732		2	Screw, Shoulder
7	2670-235	X	1	● Float	16	0470-822		1	Shield, Heat
8	0470-838		1	● Seal	17	0623-797		4	Screw, Self-Tapping
9	0570-282		1	Hose, Fuel - Assembly	18	0423-460		2	Grommet



SHIFT LEVER ASSEMBLY

0745-046

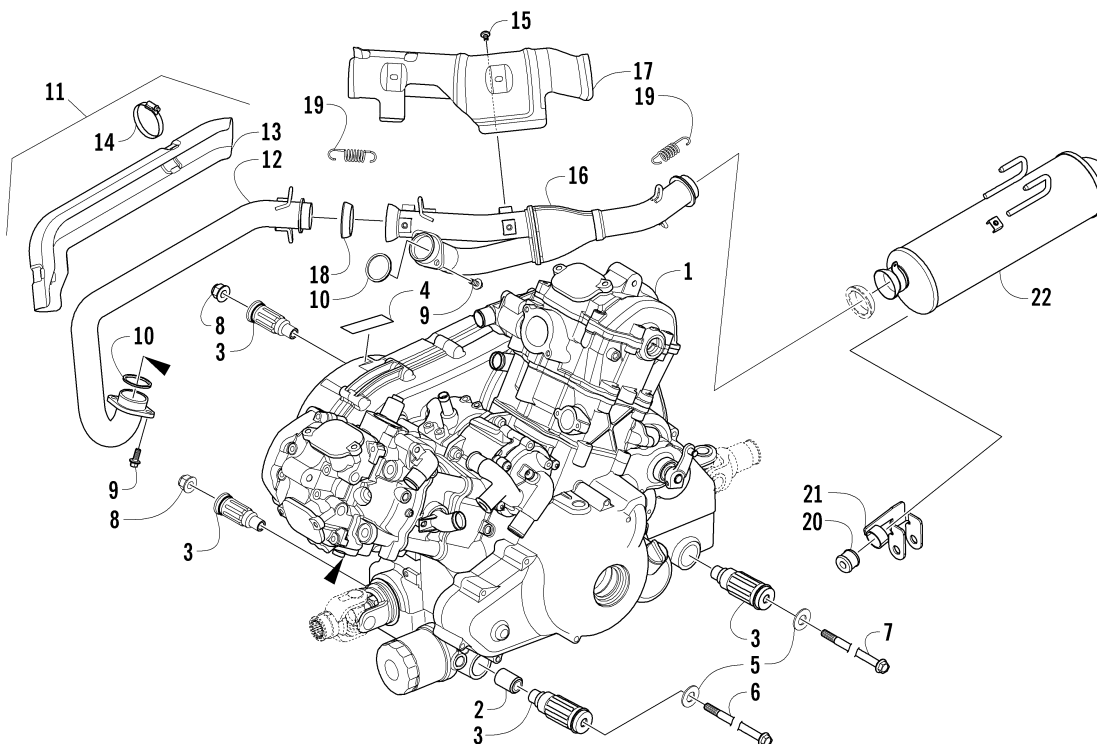
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	13	0423-087		1	Washer
2	0423-345		1	Clip, Retaining	14	0423-299		2	O-Ring
3	1402-576		1	Plate, Shift	15	8424-802		1	Nut
4	2406-345		1	Shield, Shift Plate	16	1402-621		1	Pin, Mounting - Shift Linkage
5	0423-357		4	Nut, Stamped	17	0423-091		2	Bushing
6	0502-659		1	Lever, Shift	18	0623-094		2	Washer
7	1502-332		1	Actuator, Shift Lever	19	0423-169		2	E-Ring
8	8424-602		1	Nut	20	1502-227		1	Linkage, Shift - Assembly (inc. 21-23)
9	0402-678		1	Spring, Shift Lever	21	0623-294		1	● Nut, Hex - Right-Hand Thread
10	0423-182		2	O-Ring	22	1402-619		1	● Coupler
11	0402-675		1	Axle, Pivot	23	0123-917		1	● Nut, Hex - Left-Hand Thread
12	8408-812		1	Screw, Cap					



AIR INTAKE ASSEMBLY

0744-449

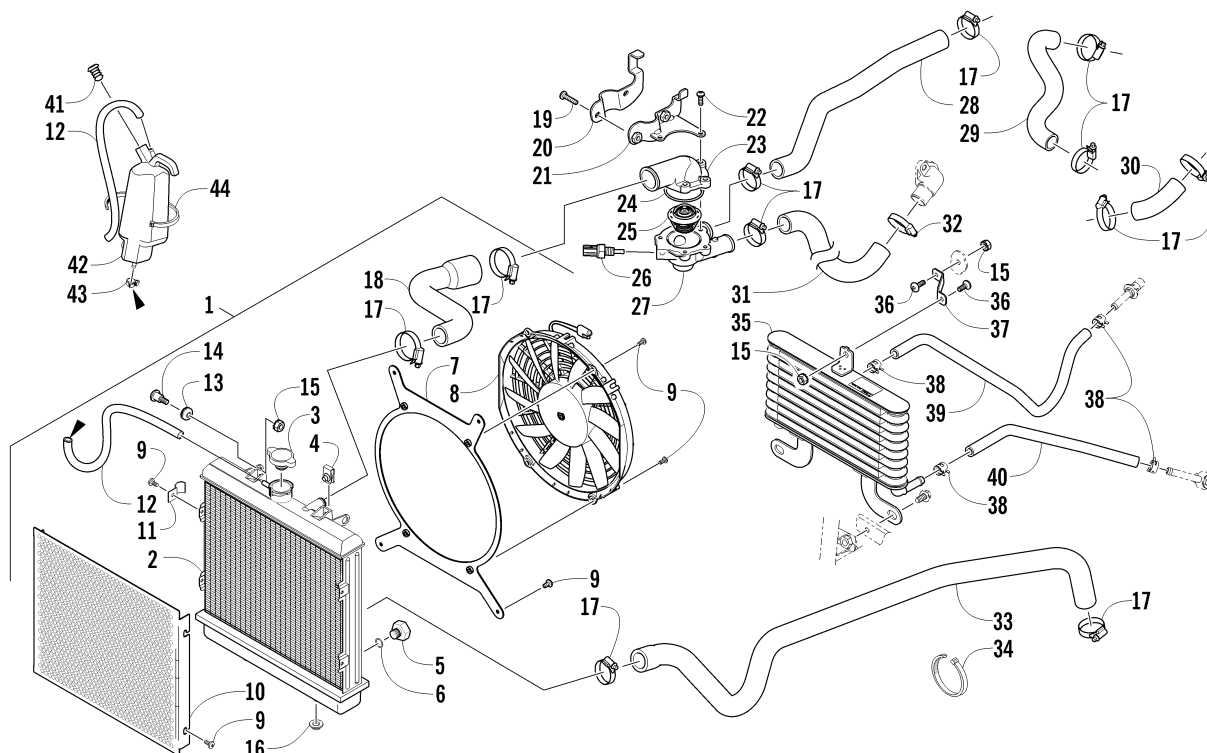
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-091		1	Diverter, Air - Top	14	0570-221		1	Housing, Air Intake
2	0413-093		1	Diverter, Air - Bottom	15	0406-877		4	Bumper
3	2406-509		1	Shroud, Splash	16	0470-858		2	Valve, Drain
4	0623-362		2	Rivet, Reinstallable	17	0470-638		1	Boot, Throttle Body
5	0423-551		2	Clamp	18	0430-055		1	Sensor, Air Temperature (inc. 19)
6	0423-342		4	Screw, Self-Tapping	19	5507-224		1	● O-Ring
7	0413-096		1	Cap, Air Intake - Diverter	20	0623-028		6	Clamp, Hose
8	0470-583		1	Boot, Air Intake	21	0410-198		1	Hose, Separator Tank
9	0423-019	AR	1	Clamp	22	0470-718		1	Tank, Separator
10	0423-716		2	Wing Nut	23	0410-196		1	Hose, Crankcase
11	0470-832		1	Cover, Air Intake	24	0410-208		1	Hose, Crankcase
12	0470-828		1	Filter, Air	25	0423-066		1	Clamp
13	0470-731		1	Support, Air Filter					



ENGINE AND EXHAUST

0746-512

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-111		1	Engine, A950K (inc. 2-3)	13	0412-400		1	● Shield, Exhaust Pipe
2	0801-128		1	● Spacer, Engine Mount	14	0423-317		2	● Clamp
3	0801-091		4	● Mount, Engine	15	8477-610		5	Screw, Machine
4	0411-426		1	Decal, Warning - Clutch Cover	16	0512-477		1	Pipe, Exhaust - Rear
5	0423-426		2	Washer	17	0412-403		1	Shield, Exhaust Pipe - Rear
6	0423-734		1	Screw, Cap	18	0412-375		1	Seal, Exhaust Pipe
7	0423-451		1	Screw, Cap	19	0612-668		4	Spring, Extension
8	8428-002		2	Nut, Lock	20	0412-577	X	3	Bushing
9	8408-820		4	Screw, Cap	21	2506-631		1	Channel, Muffler Support
10	0412-338		2	Gasket, Exhaust Pipe	22	—		1	Muffler - Assembly - Not Serviced Individually
11	0512-433		1	Pipe, Exhaust - Assembly (inc. 12-14)					
12	0512-349		1	● Pipe, Exhaust					

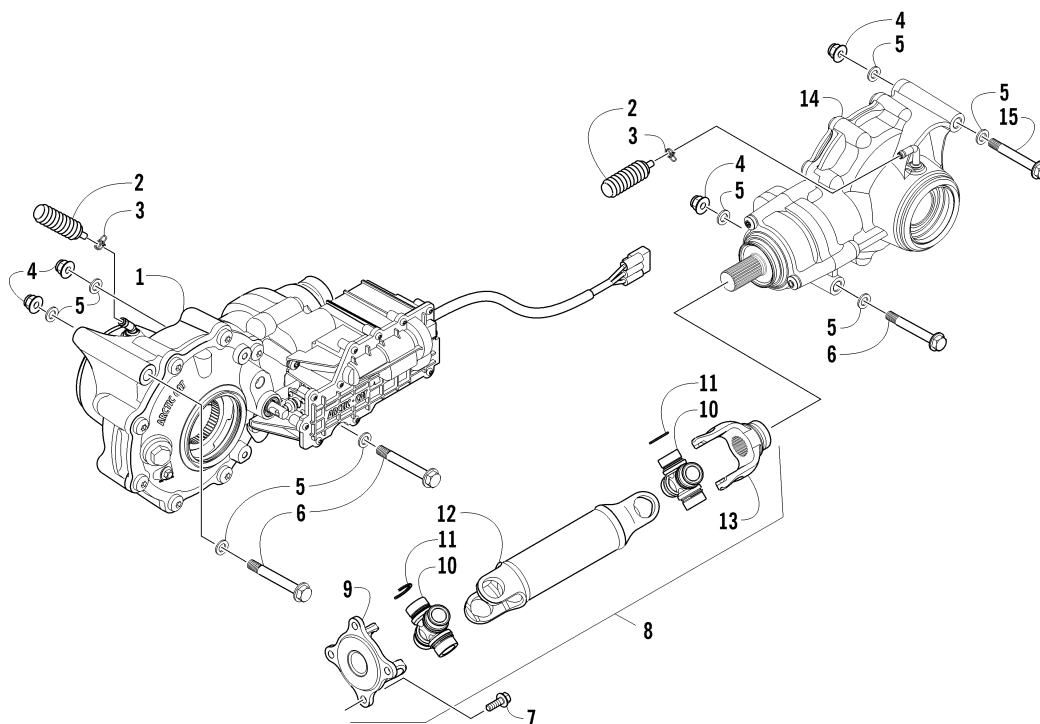


COOLING ASSEMBLY

0745-701

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-258		1	Radiator Assembly (inc. 2-13)	23	0808-092		1	Cover, Thermostat
2	0413-216		1	● Radiator	24	0830-173		1	O-Ring
3	0413-255		1	● Cap, Radiator	25	0808-093		1	Thermostat
4	1623-637		4	● Clip, U-Nut	26	0808-124		1	Sensor, Engine Coolant Temperature
5	0413-195		1	● Plug, Drain	27	0808-189		1	Housing, Thermostat
6	1602-213		1	● O-Ring	28	0410-195		1	Hose, Coolant - No. 2
7	0413-217		1	● Bracket, Mounting - Fan	29	0410-116		1	Hose, Coolant
8	0413-123		1	● Fan, Cooling	30	0410-115		1	Hose, Coolant - Crossover
9	8470-510		12	● Screw, Machine	31	0410-233		1	Hose, Coolant - No. 1
10	0413-214		1	● Screen, Radiator	32	1623-093		1	Clamp, Hose
11	0423-351		1	● Clamp, Wire	33	0410-229		1	Hose, Coolant - Lower
12	0610-011	AR		● Hose - 25 ft	34	0623-751	AR		Tie, Cable - 11.5 in.
13	0423-030		2	● Grommet	35	0413-211		1	Cooler, Oil
14	0423-484		2	Screw, Shoulder	36	8476-612		2	Screw, Machine
15	0623-038		4	Nut w/Washer	37	0513-022		1	Bracket, Mounting - Oil Cooler - Upper
16	0423-028		2	Bushing, Stem	38	0423-632		4	Clamp, Hose
17	0423-496		11	Clamp, Hose	39	0410-149		1	Hose, Oil Cooler - In
18	0410-232		1	Hose, Coolant - Radiator/Thermostat - Upper	40	0410-219		1	Hose, Oil Cooler - Out
19	8476-616		2	Screw, Machine	41	0413-087		1	Plug
20	0413-290		1	Plate, Backing	42	0413-086		1	Bottle, Overflow
21	0513-045		1	Bracket, Mounting - Thermostat	43	0124-045		1	Clamp, Hose
22	8470-520		4	Screw, Machine	44	0623-316	AR		Tie, Cable - 14 in.

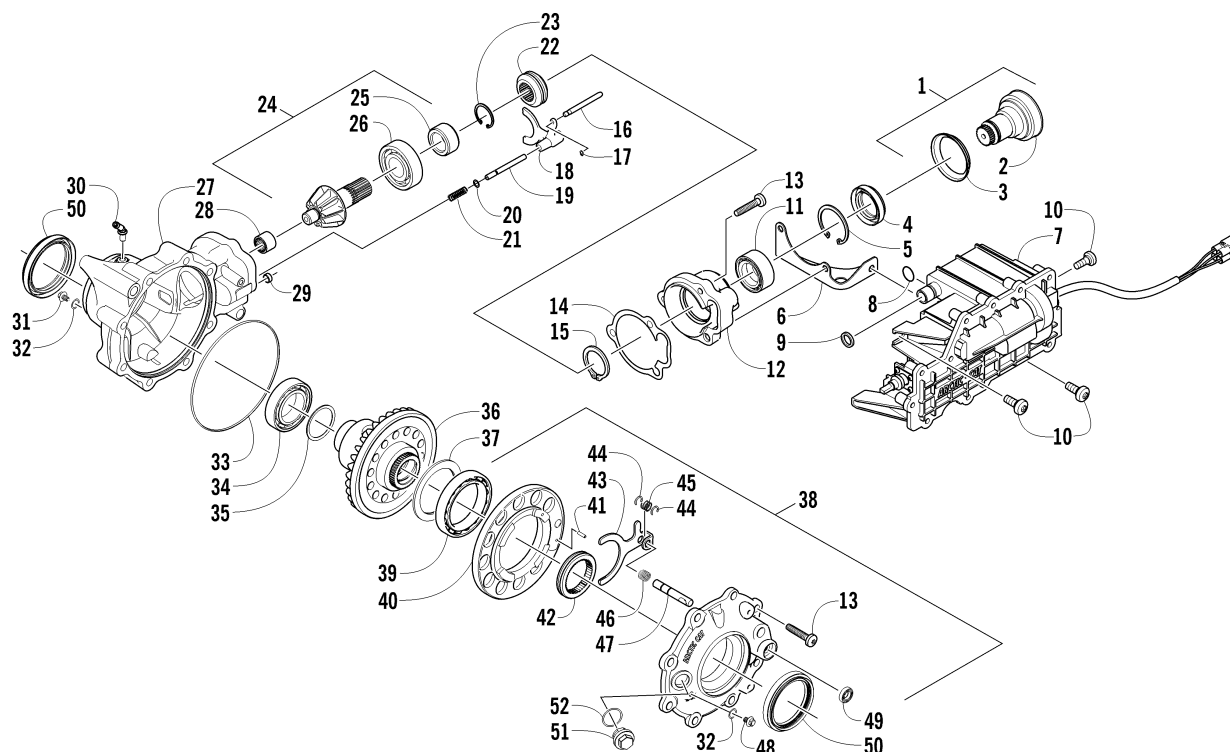
22



DRIVE TRAIN ASSEMBLY

0746-188

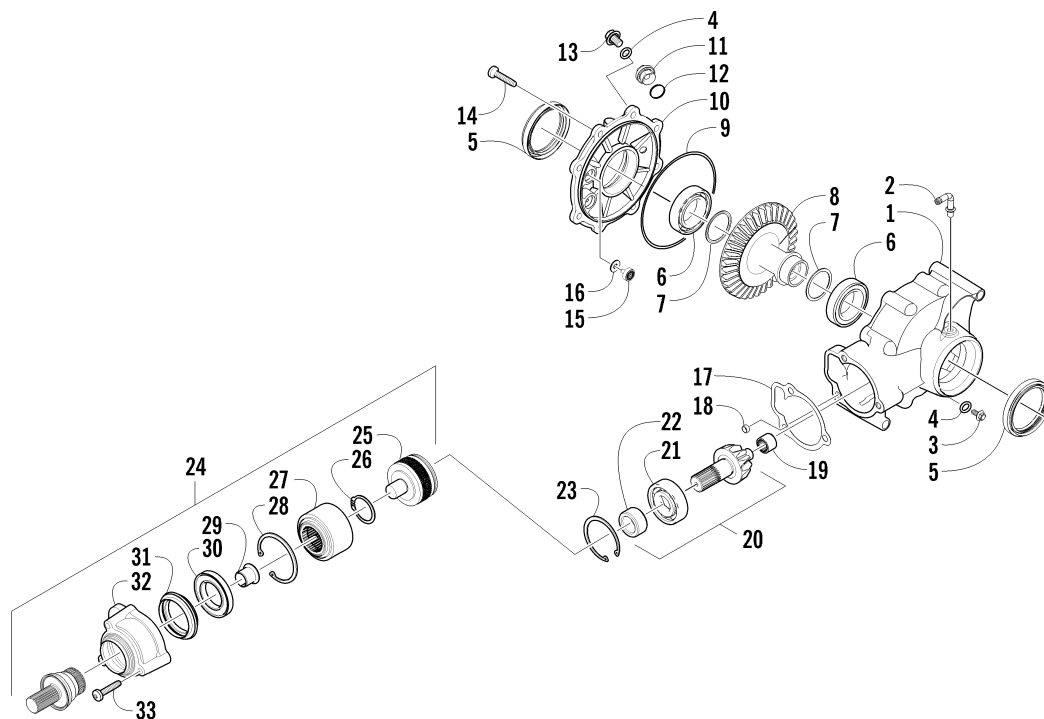
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-882	X	1	Gearcase, Front	9	1402-689		1	● Yoke, Flange
2	1402-620		2	Bladder, Gearcase	10	0402-944		2	● Joint, Universal (inc.11)
3	0423-315		2	Clamp, Hose	11	0423-395		8	●● Ring, Retaining
4	8428-002		4	Nut, Lock	12	1502-337		1	● Driveshaft, Rear
5	0423-426		8	Washer	13	1402-567		1	● Yoke, Slip
6	0423-404		3	Screw, Cap	14	1502-883	X	1	Gearcase, Rear
7	8408-820		4	Screw, Cap	15	0423-830		1	Screw, Cap
8	1502-338		1	Driveshaft, Rear - Assembly (inc. 9-13)					



FRONT DRIVE GEARCASE ASSEMBLY

0746-189

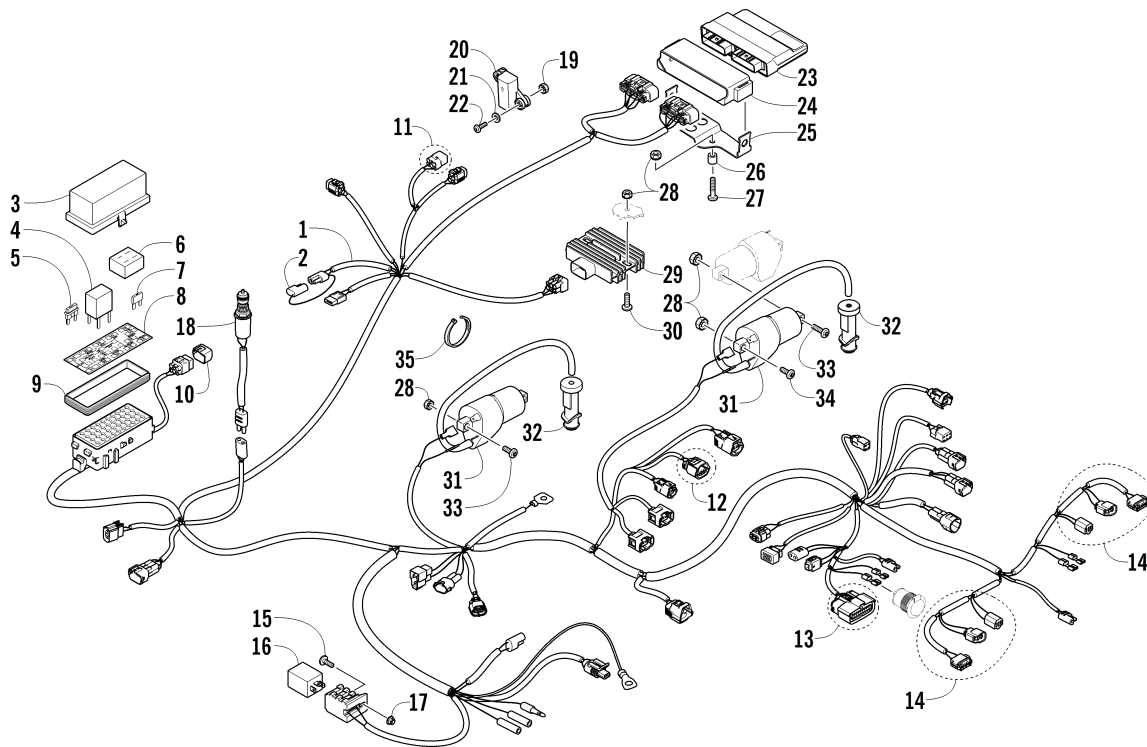
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0502-923		1	Shaft, Propeller - Assembly (inc. 2-3)	32	0423-153		2	● O-Ring
2	1402-438		1	● Shaft, Input	33	0423-149		1	O-Ring
3	1402-168		1	● Deflector	34	0402-393		1	Bearing
4	1402-011		1	Seal	35	0402-405		AR	Shim, 41 x 49 x 1.3 mm
5	0423-423		1	Ring, Retaining		0402-406		AR	Shim, 41 x 49 x 1.4 mm
6	1502-237		1	Bracket, Actuator		0402-407		AR	Shim, 41 x 49 x 1.5 mm
7	1502-909	X	1	Actuator (inc. 8)		0402-408		AR	Shim, 41 x 49 x 1.6 mm
8	1402-981		1	● O-Ring		0402-409		AR	Shim, 41 x 49 x 1.7 mm
9	0423-892		1	O-Ring	36	1502-859	X	1	Gear, Ring - 34T
10	0423-396		3	Screw, Self-Tapping	37	1402-074		AR	Shim, 61 x 69 x 1.3 mm
11	1402-043		1	Bearing		1402-075		AR	Shim, 61 x 69 x 1.4 mm
12	0502-528		1	Housing, Pinion		1402-076		AR	Shim, 61 x 69 x 1.5 mm
13	0423-118		11	Screw, Self-Tapping		1402-077		AR	Shim, 61 x 69 x 1.6 mm
14	0402-947		1	Gasket		1402-078		AR	Shim, 61 x 69 x 1.7 mm
15	0423-417		1	Ring, Retaining	38	1502-895	X	1	Cover, Gearcase (inc. one No. 32, 39-49, and one No. 50)
16	0402-997		1	Shaft, Selector	39	1402-053		1	● Bearing
17	0423-402		1	Ring, Retaining	40	0502-413		1	● Flange, Bearing
18	0402-998		1	Fork, Selector	41	1402-079		1	● Pin, Alignment
19	0402-417		1	Shaft, Shuttle	42	1402-042		1	● Collar, Sliding
20	0423-147		1	O-Ring	43	1402-054		1	● Fork
21	0402-999		1	Spring, Return	44	1402-058		2	● Ring, Retaining
22	0402-413		1	Coupler, Drive	45	1402-057		1	● Spring
23	1423-067	X	1	Ring, Retaining	46	1402-063		1	● Spring
24	1502-851	X	1	Gear, Pinion - Assembly - 11T (inc. 25-26)	47	1402-656		1	● Shaft, Lock
25	1402-977	X	1	● Collar, Retaining	48	1402-211		1	● Plug, Oil Level (inc. one No. 32)
26	0402-327		1	● Bearing	49	1402-056		1	● Seal
27	1502-856	X	1	Housing, Gearcase	50	1402-950	X	2	● Seal
28	0402-328		1	Bearing	51	0402-333		1	Plug, Fill (inc. 52)
29	0402-411		1	Pin, Dowel	52	0423-154		1	● O-Ring
30	1402-980	X	1	Fitting, Elbow					
31	1402-210		1	Plug, Magnetic (inc. one No. 32)					



REAR DRIVE GEARCASE ASSEMBLY

0746-191

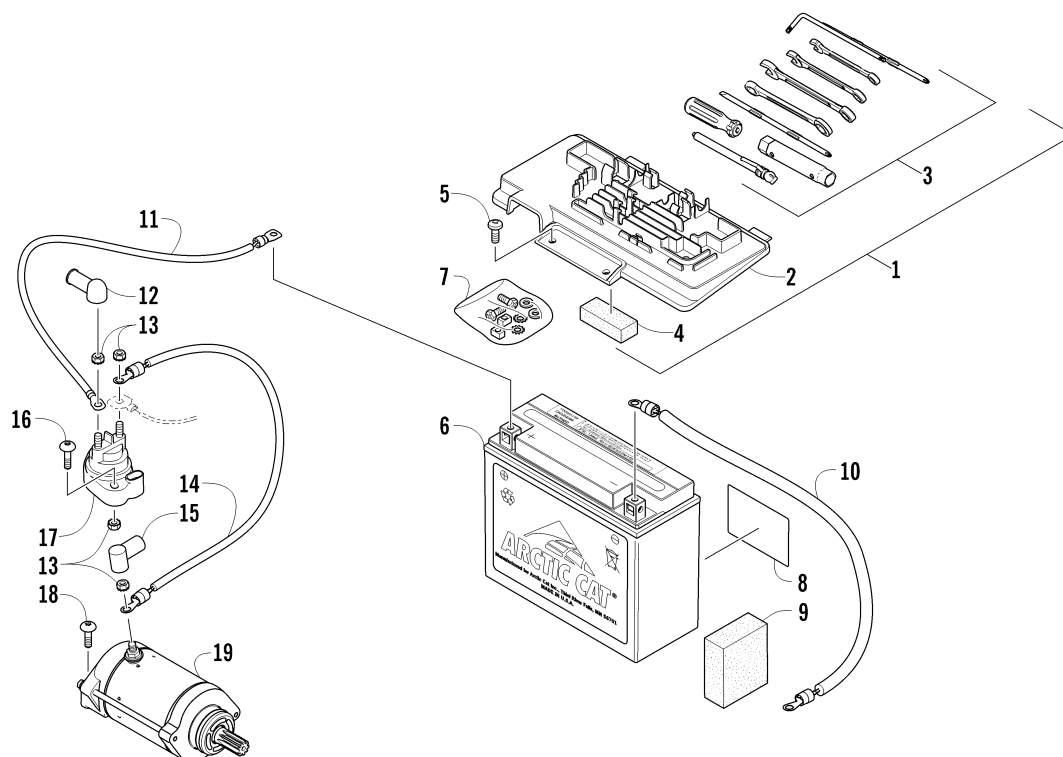
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-883	X	1	Complete Rear Drive Gearcase Assembly	17	0402-947		1	Gasket
1	1502-896	X	1	Housing, Gearcase	18	0402-411		1	Pin, Dowel
2	1402-442		1	Fitting, Elbow	19	0402-328		1	Bearing
3	1402-210		1	Plug, Magnetic (inc. one No. 4)	20	1502-851	X	1	Gear, Pinion - Assembly - 11T (inc. 21-22)
4	0423-153		2	● O-Ring	21	0402-327		1	● Bearing
5	1402-950	X	2	Seal	22	1402-977	X	1	● Collar, Retaining
6	0402-393		2	Bearing	23	1423-067	X	1	Ring, Retaining
7	0402-405		AR	Shim, 41 x 49 x 1.3 mm	24	1502-655		1	Shaft, Input (inc. 25-32)
	0402-406		AR	Shim, 41 x 49 x 1.4 mm	25	1502-564		1	● Cartridge, Clutch - Assembly
	0402-407		AR	Shim, 41 x 49 x 1.5 mm	26	0423-799		1	● Ring, Retaining - External
	0402-408		AR	Shim, 41 x 49 x 1.6 mm	27	1402-682		1	● Basket, Clutch
	0402-409		AR	Shim, 41 x 49 x 1.7 mm	28	0423-798		1	● Ring, Retaining - Internal
8	1402-033		1	Gear, Ring - 34T	29	1402-678		1	● Bearing, Flange
9	0423-149		1	O-Ring	30	1402-677		1	● Bearing
10	1502-897	X	1	Cover, Gearcase	31	1402-687		1	● Seal
11	0402-333		1	Plug, Fill (inc. 12)	32	1502-285		1	● Housing, Input
12	0423-154		1	● O-Ring	33	0423-834		3	Screw, Self-Tapping
13	1402-211		1	Plug, Oil Level (inc. one No. 4)					
14	0423-118		8	Screw, Self-Tapping					
15	0402-326		1	Button, Thrust					
16	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					



WIRING HARNESS ASSEMBLY

0745-715

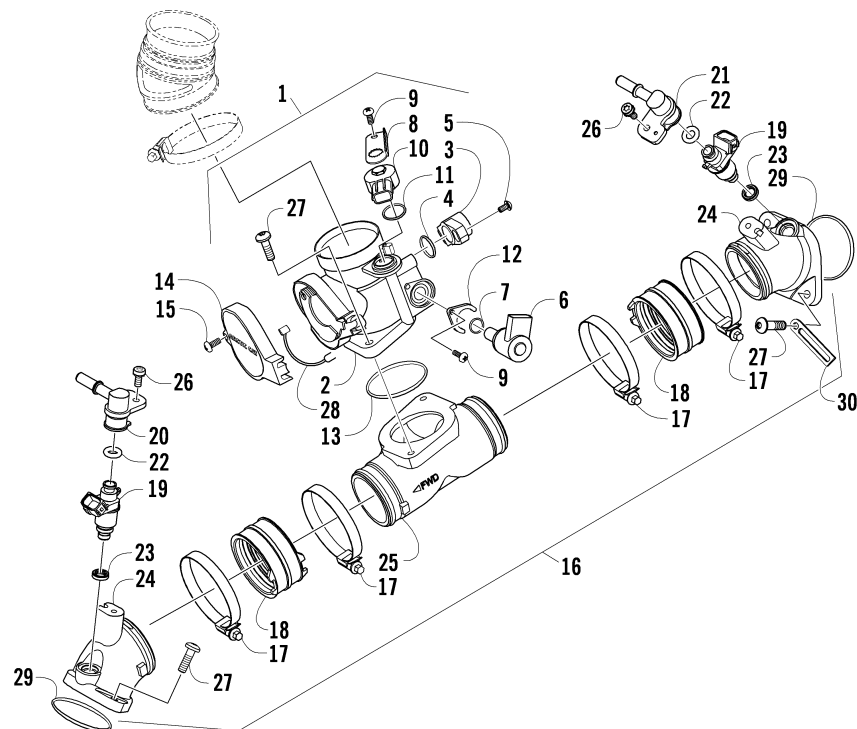
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-404		1	Harness, Main (inc. 2-10)	18	0409-089		1	Switch, Brake - Assembly
2	0486-164		1	● Tether, Accessory Connector	19	0423-493		2	Nut w/Washer
3	0430-085		1	● Cover, Fuse Block	20	0409-064		1	Sensor, Tilt
4	0430-045		6	● Relay (4-Pin) - 20 Amp	21	0123-802		2	Washer
5	0430-034		2	● Diode	22	8468-425		2	Screw, Machine
6	0430-037		1	● Holder, Fuse	23	0530-034		1	ECU
7	0430-032		5	● Fuse - 10 Amp	24	0430-059		1	Cushion, ECU
	0430-031		4	● Fuse - 15 Amp	25	2406-728		1	Bracket, Mounting - ECU
	0430-030		3	● Fuse - 30 Amp	26	0423-036		2	Spacer
8	2411-213		1	● Decal, Fuse Block	27	8477-635		2	Screw, Machine
9	0430-086		1	● Seal	28	0623-038		7	Nut w/Washer
10	0430-097		1	● Cover, Diagnostics Connector	29	0824-037		1	Regulator, Voltage
11	1436-416		1	Repair Kit, Connector - Tilt Sensor	30	8476-625		2	Screw, Machine
12	1436-417		1	Repair Kit, Connector - Idle Speed Control	31	0824-043		2	Coil, Ignition - Assembly
13	1436-415		1	Repair Kit, Connector - LCD Gauge	32	0824-049		2	Cap, Spark Plug
14	1436-424	AR		Repair Kit, Connector - Headlight/Turn Signal/Position	33	8476-620		2	Screw, Machine
15	8476-516		1	Screw, Machine	34	8476-630		1	Screw, Machine
16	0430-049		1	Control, Turn Signal	35	0123-788	AR		Tie, Cable - 8 in.
17	8427-502		1	Nut, Lock		0123-903	AR		Tie, Cable - 11.5 in.



BATTERY AND STARTER ASSEMBLY

0745-641

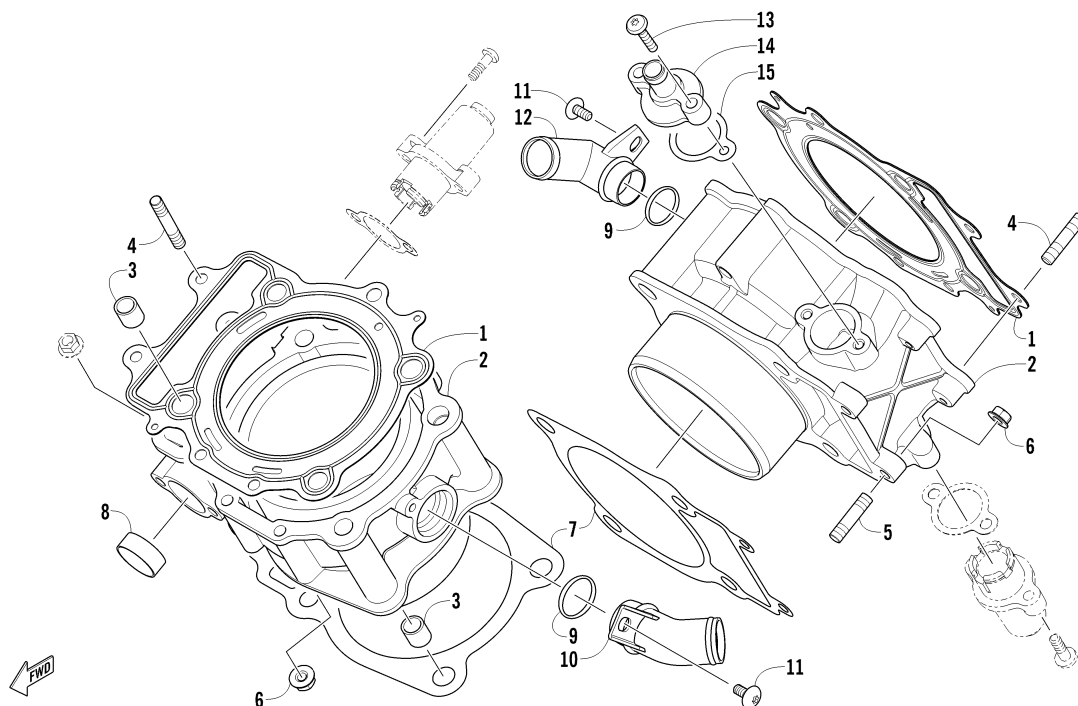
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	11	0445-062		1	Cable, Battery/Soleniod
2	2406-815		1	● Cover, Battery	12	0645-327		1	Boot, Terminal
3	0444-122		1	● Kit, Tool	13	0623-038		5	Nut w/Washer
4	0417-016		1	● Pad, Battery	14	0445-066		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	8476-630		2	Screw, Machine
7	0445-082		1	● Kit, Hardware	17	0445-058		1	Solenoid
8	0645-430		1	● Decal, Warning	18	8476-625		2	Screw, Machine
9	0417-017		1	Foam, Battery	19	0825-015		1	Motor, Starter - Assembly
10	0445-071		1	Cable, Battery/Ground					



THROTTLE BODY ASSEMBLY

0742-977

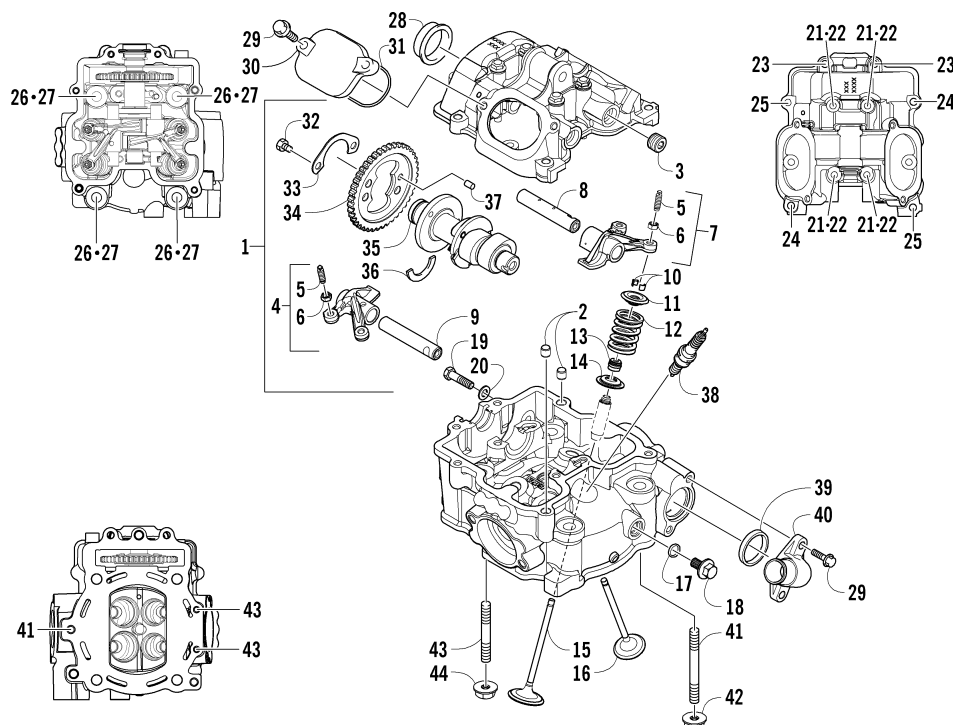
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-686		1	Throttle - Assembly (inc. 2-15)	16	0570-230		1	Manifold, Intake - Assembly (inc. 17-26)
2	—		1	● Throttle Body - Not a Service Part	17	0423-066		4	● Clamp
3	0430-072		1	● Sensor, Throttle Position	18	0470-660		2	● Boot, Intake - Manifold
4	5507-234		1	● O-Ring, Throttle Position Sensor	19	0470-688		2	● Injector, Fuel
5	5507-231		1	● Screw, Machine	20	0470-763		1	● Rail, Fuel - Front Cylinder
6	0430-074		1	● Valve, ISC	21	0470-764		1	● Rail, Fuel - Rear Cylinder
7	5507-233		1	● O-Ring, ISC Valve	22	0470-767		2	● O-Ring, Fuel Injector
8	5507-227		1	● Bracket, MAP Sensor	23	0470-768		2	● Ring, Seal - Fuel Injector
9	5507-117		2	● Screw, Machine	24	0570-140		2	● Manifold, Intake
10	0430-073		1	● Sensor, MAP	25	0570-156		1	● Plenum, Intake
11	5507-232		1	● O-Ring, MAP Sensor	26	0423-371		2	● Screw, Machine
12	5507-229		1	● Plate, ISC Valve	27	0826-008		6	Screw, Machine
13	5507-235		1	● O-Ring	28	0487-046		1	Cable, Throttle
14	5507-223		1	● Cover	29	0830-090		2	O-Ring
15	5507-037		1	● Screw, Machine	30	3002-964		1	Clamp, Wire



CYLINDER ASSEMBLY

0745-047

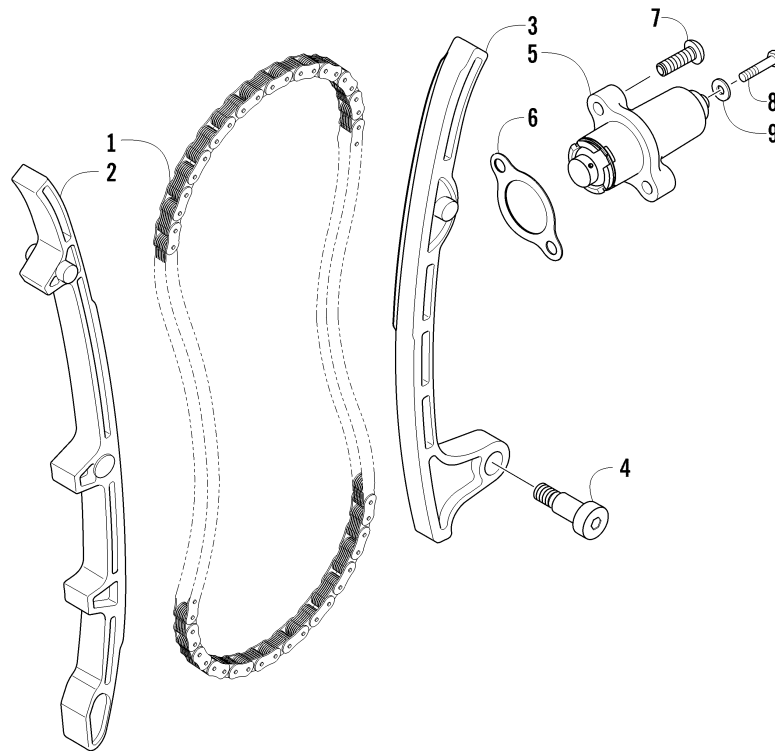
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0830-209		2	Gasket, Head	9	0830-007		2	O-Ring
2	0804-031		2	Cylinder	10	0804-046		1	Union, Coolant Hose
3	0829-002		8	Pin, Dowel	11	8468-612		2	Screw, Machine
4	0827-002		4	Bolt, Stud	12	0804-030		1	Union, Coolant Hose
5	0827-018		4	Bolt, Stud	13	8468-630		2	Screw, Machine
6	8424-604		8	Nut	14	0801-174		1	Cover, Breather
7	0830-193		2	Gasket, Base	15	0830-134		1	Gasket
8	0804-037		1	Plug, Cylinder					



CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0746-494

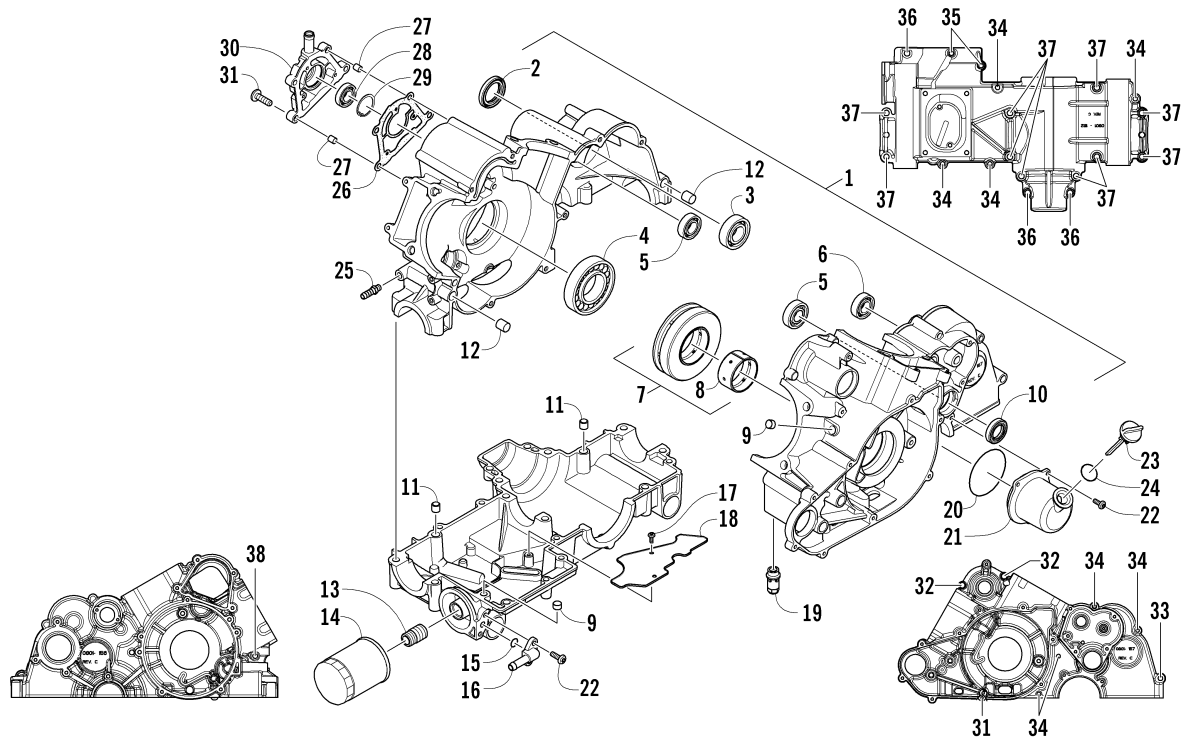
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-216	X	2	Head, Cylinder - Assembly (inc. 2-21)	23	0826-002		4	Screw, Cap
2	0829-048		4	● Pin, Dowel	24	0826-005		4	Screw, Cap
3	0831-092	X	4	● Plug, Shaft	25	0826-006		4	Screw, Cap
4	0809-237		2	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	26	0808-090		8	Screw, Cap
5	0809-240		8	●● Screw, Adjuster	27	0830-147		8	Washer
6	0827-059		8	●● Nut	28	0808-077		2	Plug, Cylinder Head
7	0809-234		2	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	29	0826-007		12	Screw, Cap
8	0809-241		2	● Shaft, Rocker Arm - Intake	30	0808-003		4	Cap, Inspection
9	0809-242		2	● Shaft, Rocker Arm - Exhaust	31	0830-167		4	O-Ring
10	0809-233		16	● Cotter, Valve	32	0826-034		4	Screw, Cap
11	0809-232		8	● Retainer, Spring	33	0828-004		2	Plate, Retainer
12	0809-231		8	● Spring, Valve	34	0809-212		2	Sprocket
13	0830-186		8	● Seal, Oil	35	0809-246		1	Camshaft, Front Cylinder
14	0809-006		8	● Seat, Spring - Valve		0809-248		1	Camshaft, Rear Cylinder
15	0809-228		4	● Valve, Intake	36	0809-003		2	C-Ring
16	0809-229		4	● Valve, Exhaust	37	0829-049		2	Pin, Dowel
17	0830-213		2	● O-Ring	38	0217-799		2	Spark Plug - CPR8E
18	0826-157		2	● Screw, Cap	39	0830-120		2	Seal
19	8400-812		2	● Screw, Cap	40	0808-008		2	Cover, Thermostat
20	0830-025		2	● Washer, Crush	41	0827-062		2	Bolt, Stud
21	0826-149		8	● Screw, Cap	42	8424-804		2	Nut
22	0830-155		8	Gasket	43	0827-030		4	Bolt, Stud
					44	8424-604		4	Nut



CAM CHAIN ASSEMBLY

0745-069

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0810-001	2	Chain, Cam	6	0830-134	2	Gasket
2	0810-046	2	Guide, Chain	7	8468-620	4	Screw, Machine
3	0810-049	2	Tensioner, Chain	8	8400-610	2	Screw, Cap
4	0826-106	2	Pivot, Tensioner	9	0828-129	2	Washer
5	0810-004	2	Adjuster, Tensioner - Assembly				



CRANKCASE ASSEMBLY

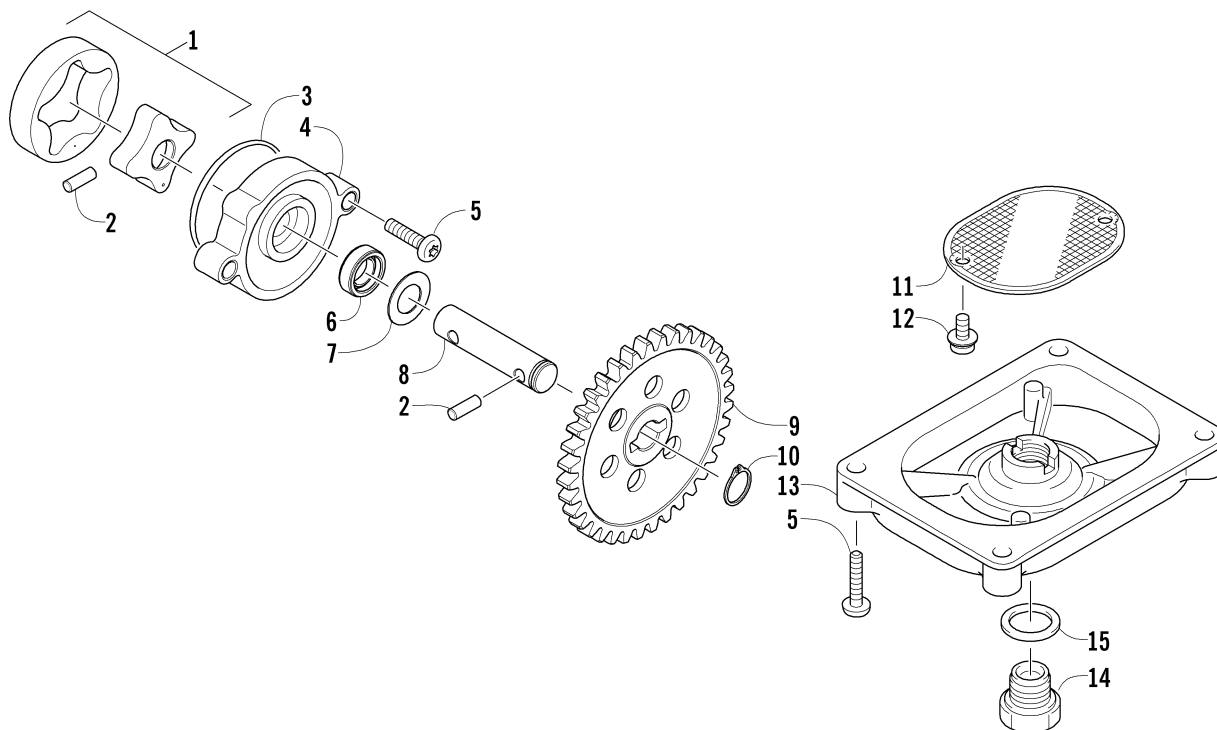
0746-499

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-172		1	Crankcase - Assembly (inc. 2-13)	20	0830-162		1	O-Ring, Oil Filler Cover
2	0830-035		1	● Seal, Driveshaft	21	0812-081		1	Cover, Oil Filler
3	0832-048		1	● Bearing	22	8468-616		5	Screw, Machine
4	0832-042		1	● Bearing	23	0801-179		1	Stick, Oil Level
5	0832-050		2	● Bearing	24	0830-010		1	O-Ring
6	0832-049		1	● Bearing	25	0812-078		1	Fitting, Oil - Threaded
7	0832-055		1	● Bearing - Assembly (inc. 8)	26	0830-191		1	Gasket, Breather
8	0832-057		1	●● Bearing	27	0829-048	X	2	Pin, Dowel
9	0801-002		2	● Plug, Engine Case	28	0832-084		1	Bearing
10	0822-052		1	● Seal, Countershaft - Right	29	0831-086		1	Circlip
11	0829-003		2	● Pin, Dowel	30	0801-193		1	Cover, Breather
12	0829-002		2	● Pin, Dowel	31	8468-625		5	Screw, Machine
13	0812-008		1	● Union, Oil Filter	32	8468-620		2	Screw, Machine
14	0812-029		1	Filter, Oil	33	8412-875		1	Screw, Cap
15	0830-172		1	O-Ring	34	8468-660		8	Screw, Machine
16	0812-060		1	Fitting, Oil	35	8468-640		2	Screw, Machine
17	0623-914		2	Screw, Self-Tapping	36	8412-830		3	Screw, Cap
18	0812-079		1	Plate, Oil Sump	37	8412-860		10	Screw, Cap
19	0812-052		1	Valve, Oil-Relief - Assembly	38	8412-850		1	Screw, Cap

0745-070

33

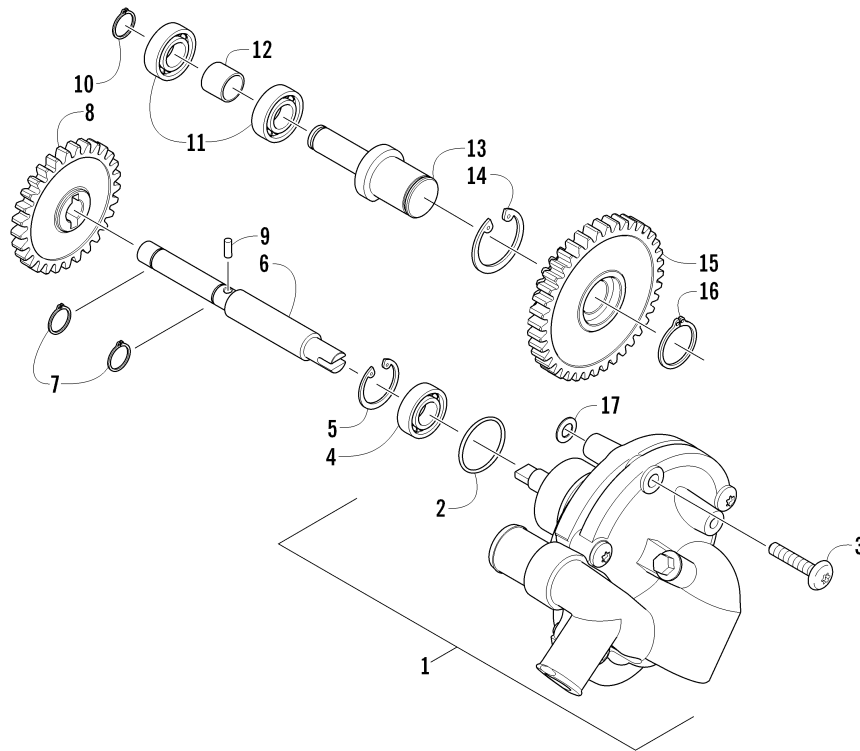
34



OIL PUMP ASSEMBLY

0746-500

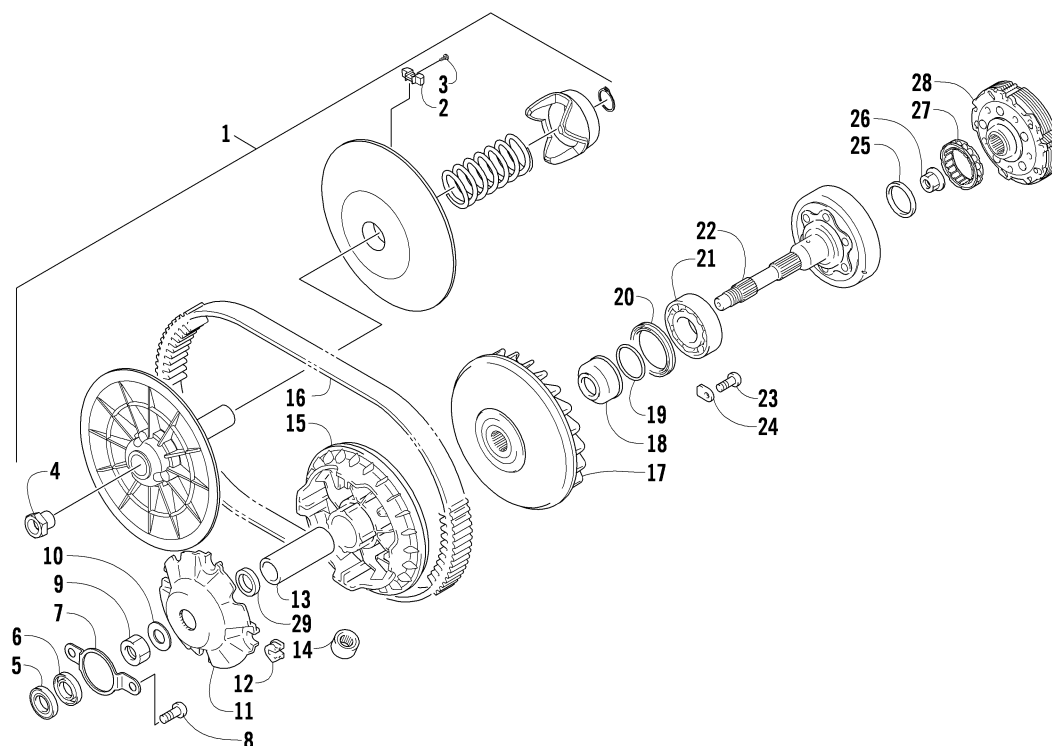
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0812-041	1	Gerotor - Set	9	0812-045	1	Gear, Driven
2	0829-009	2	Pin, Dowel	10	0831-002	1	Ring, Retaining
3	0812-048	1	O-Ring	11	0812-057	1	Strainer, Oil
4	0812-040	1	Housing, Oil Pump	12	0826-040	2	Screw, Machine
5	8468-625	6	Screw, Machine	13	0812-053	1	Cap, Oil Strainer
6	0812-047	1	Seal, Oil Pump	14	0812-006	1	Plug, Drain
7	0828-007	1	Shim	15	0830-017	1	Gasket, Drain Plug
8	0812-046	1	Shaft, Oil Pump				



WATER PUMP ASSEMBLY

0745-537

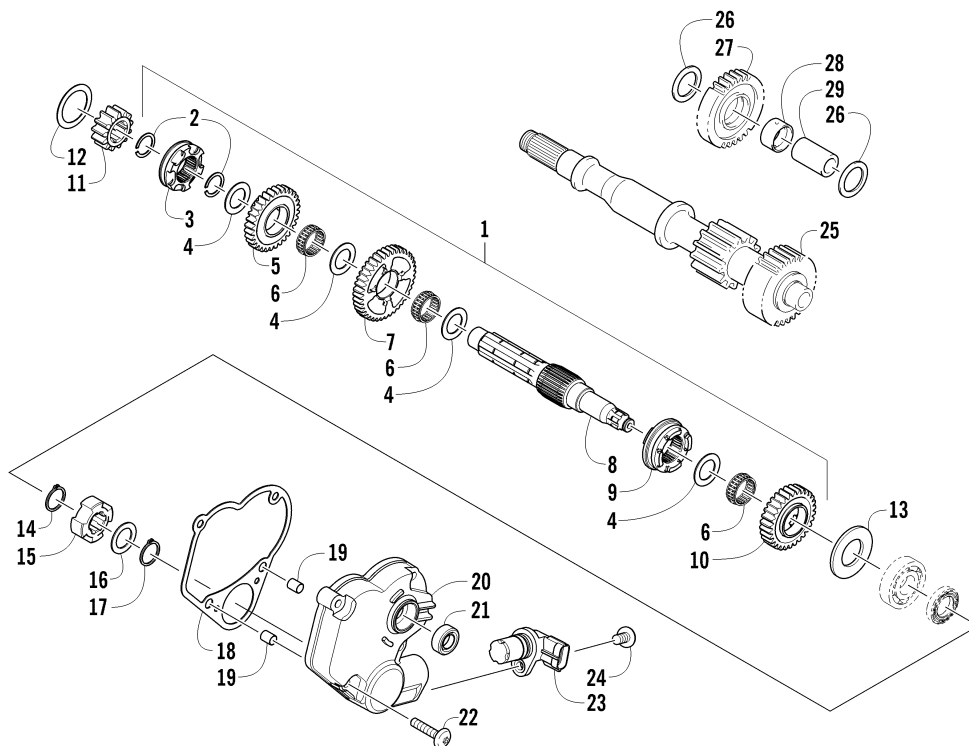
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-056		1	Pump, Water - Assembly (inc. 2)	10	0831-002		1	Ring, Retaining
2	0830-029		1	● O-Ring	11	0832-046		2	Bearing
3	8468-650		2	Screw, Machine	12	0813-028		1	Spacer, Idler - Water Pump
4	0832-084		1	Bearing	13	0813-026		1	Shaft, Water Pump Idler Gear
5	0831-086		1	Circlip	14	0831-004		1	Ring, Retaining
6	0813-041		1	Shaft, Driven Gear	15	0813-027		1	Gear, Idler - Water Pump - Drive
7	0831-010		2	Ring, Retaining	16	0831-040		1	Ring, Retaining
8	0813-043		1	Gear, Driven	17	0828-038	AR		Washer
9	0829-009		1	Pin, Dowel					



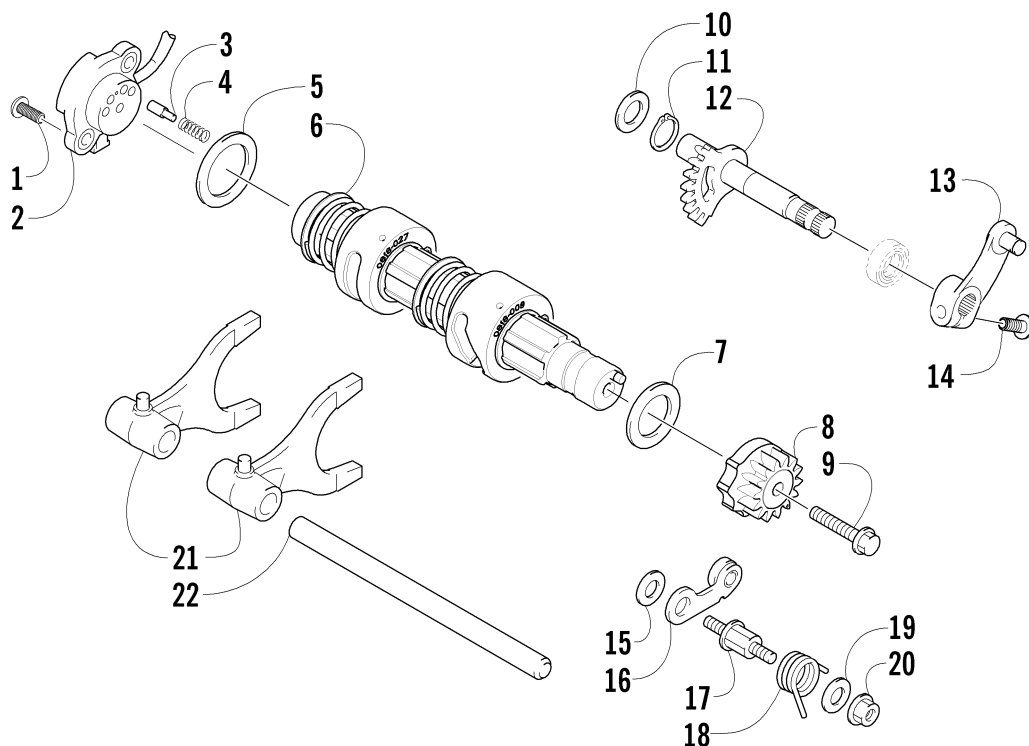
TRANSMISSION ASSEMBLY

0744-238

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-353	X	1	Pulley, Driven - Assembly (inc. 2-4)	15	0823-273	X	1	Face, Movable Drive
2	0823-176		3	● Shoe, Cam	16	0823-231		1	Belt, Drive
3	0823-177		3	● Screw, Machine	17	0823-272	X	1	Face, Fixed Drive
4	0823-178		1	● Nut, Driven Pulley	18	0823-015		1	Spacer, Fixed Drive Face
5	0832-010		1	Bearing	19	0470-531		1	O-Ring
6	0830-176		1	Seal	20	0830-188		1	Seal, Clutch Housing - Right
7	0823-020		1	Retainer, Bearing	21	0832-009		1	Bearing
8	0826-031		2	Screw, Machine	22	0821-002		1	Housing, Clutch
9	0827-010		1	Nut	23	0826-029		2	Screw, Machine
10	0828-106		1	Washer	24	0822-010		2	Retainer, Bearing
11	0823-276	X	1	Plate, Movable Drive Face	25	0830-189		1	Seal, Clutch Housing - Left
12	0823-277	X	4	Damper, Movable Drive Face	26	0827-011		1	Nut
13	0823-358	X	1	Spacer, Movable Drive Face	27	0823-018		1	Clutch, One-Way
14	0823-170		8	Roller, Movable Drive Face	28	0823-310		1	Clutch, Centrifugal - 6 Plate



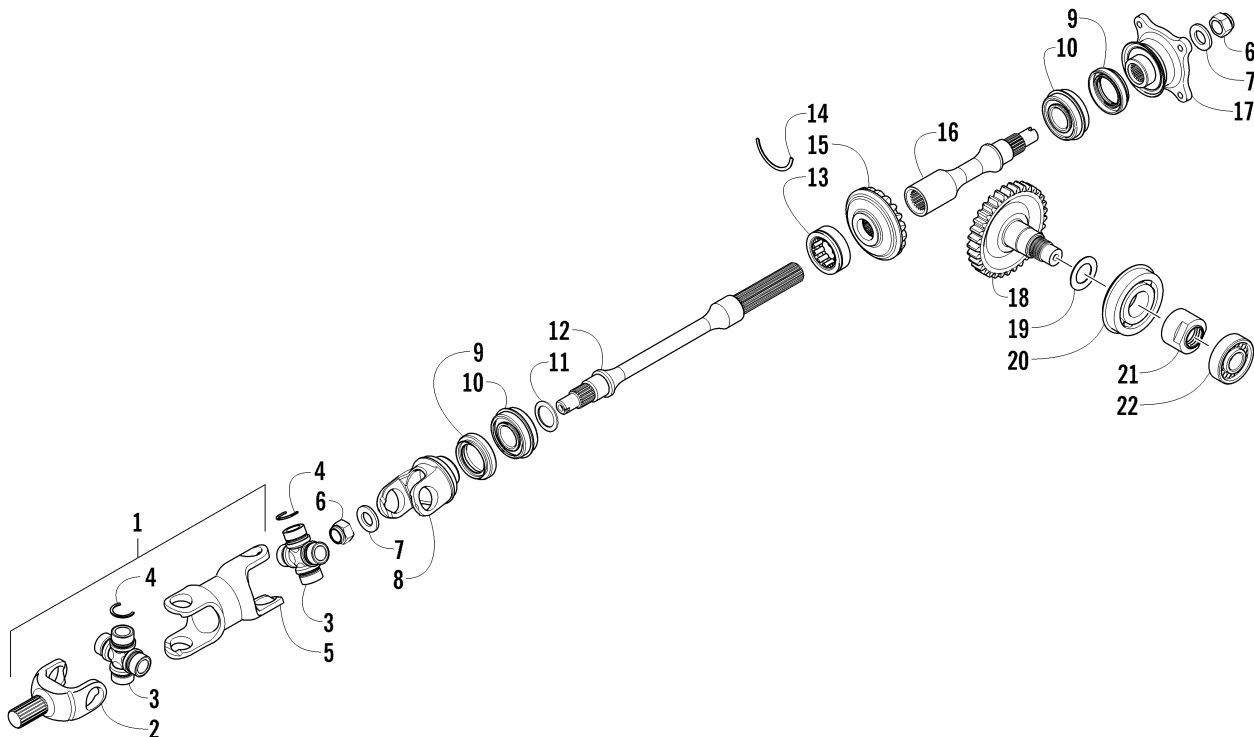
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124		1	Countershaft Assembly (inc. 2-10)	16	0828-069		1	Washer, Thrust
2	0831-085		2	● Ring, Retaining	17	0831-039		1	Ring, Retaining
3	0822-120	X	1	● Gear Select, Reverse	18	0830-194		1	Gasket
4	0822-121		4	● Shim	19	0829-048		2	Pin, Dowel
5	0822-119	X	1	● Gear, Reverse Driven	20	0806-105		1	Housing, Speedometer Sensor
6	0832-082		3	● Bearing	21	0830-044		1	Seal
7	0822-114	X	1	● Gear, Driven - Low	22	8468-630		4	Screw, Machine
8	0822-113		1	● Countershaft	23	0824-042		1	Sensor, Speedometer
9	0822-116	X	1	● Gear Select, Sliding	24	8468-620		1	Screw, Machine
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

0746-501

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8470-516		2	Screw, Machine	12	0818-095		1	Shaft, Sub-Gear Shift
2	0409-091		1	Switch, Gear Position	13	0818-014		1	Arm, Shift
3	0818-013		2	Contact	14	8468-620		1	Screw, Machine
4	0818-017		2	Spring	15	0828-038		1	Washer
5	0828-040		1	Washer	16	0818-002		1	Stopper, Cam
6	0818-046		1	Shaft, Gear Shift - Assembly	17	0818-004		1	Support, Cam Stopper
7	0828-131	X	1	Spacer	18	0818-090		1	Spring
8	0818-055		1	Cam, Gear Shift	19	0828-035		1	Washer
9	0826-006		1	Screw, Cap	20	8424-602		1	Nut
10	0828-036		1	Washer	21	0818-072		2	Fork, Shift
11	0831-010		1	Ring, Retaining	22	0818-006		1	Shaft, Shift Fork



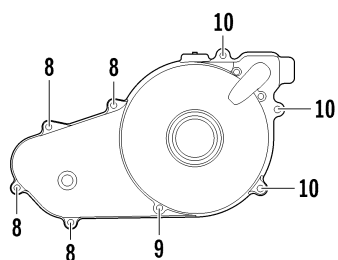
SECONDARY DRIVE ASSEMBLY

0745-058

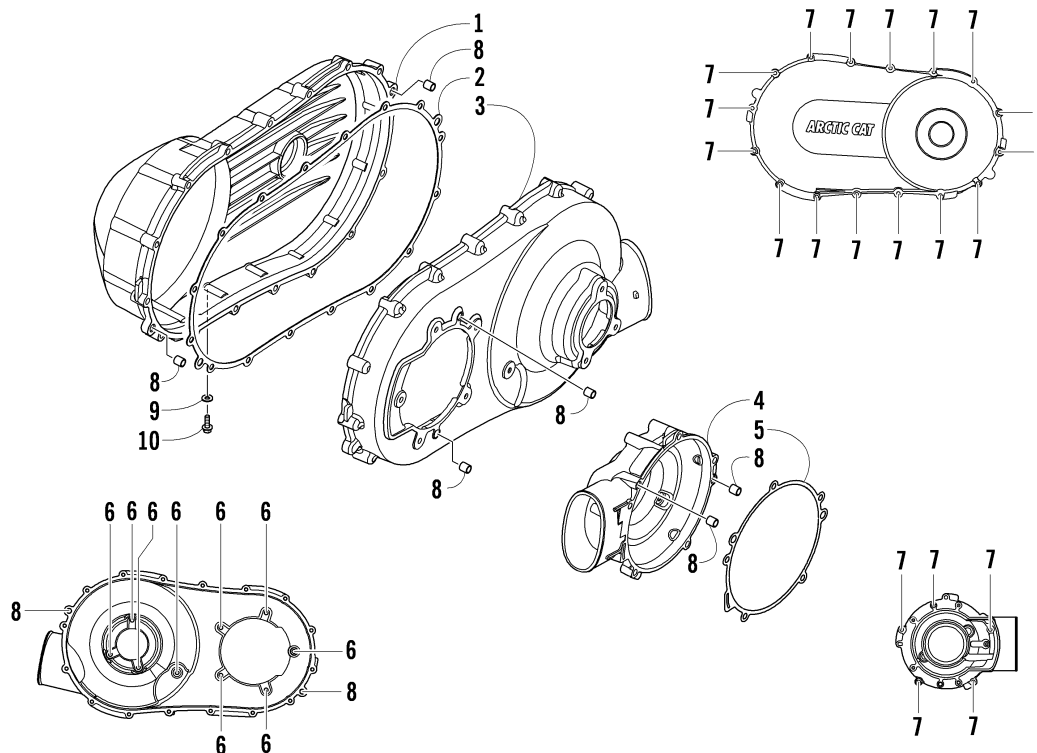
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-342		1	Driveshaft, Front - Assembly (inc. 2, one No. 3, four No. 4, and 5)	12	0819-089		1	Shaft, Secondary Driven - Front
2	1402-701		1	● Yoke, Slip	13	0832-016		1	Bearing, Driven Gear
3	0402-944		2	● Joint, Universal - Set (inc. 4)	14	0819-011		1	Ring, Driven Bearing
4	0423-395		8	●● Ring, Retaining	15	0822-106		1	Gear, Secondary Driven
5	1502-341		1	● Driveshaft, Front	16	0819-053		1	Shaft, Secondary Driven - Rear
6	0827-013		2	Nut	17	0819-005		1	Flange, Output Joint - Rear
7	0828-020		2	Washer	18	0822-132	X	1	Gear, Secondary Drive
8	1502-325		1	Yoke, Propeller Shaft Joint	19	0828-119		AR	Shim, 30 x 48 x 0.25 mm
9	0830-043		2	Seal, Oil		0828-120		AR	Shim, 30 x 48 x 0.30 mm
10	0832-017		2	Bearing		0828-121		AR	Shim, 30 x 48 x 0.35 mm
11	0828-021	AR		Shim, 25 x 34 x 0.25 mm		0828-122		AR	Shim, 30 x 48 x 0.90 mm
	0828-022	AR		Shim, 25 x 34 x 0.30 mm		0828-123		AR	Shim, 30 x 48 x 0.95 mm
	0828-023	AR		Shim, 25 x 34 x 0.70 mm		0828-124		AR	Shim, 30 x 48 x 1.00 mm
	0828-024	AR		Shim, 25 x 34 x 0.90 mm		0828-125		AR	Shim, 30 x 48 x 1.05 mm
	0828-025	AR		Shim, 25 x 34 x 0.95 mm		0828-126		AR	Shim, 30 x 48 x 1.10 mm
	0828-026	AR		Shim, 25 x 34 x 1.00 mm		0828-127		AR	Shim, 30 x 48 x 1.15 mm
	0828-027	AR		Shim, 25 x 34 x 1.05 mm	20	0832-083		1	Bearing
	0828-028	AR		Shim, 25 x 34 x 1.10 mm	21	0827-060		1	Nut
	0828-029	AR		Shim, 25 x 34 x 1.15 mm	22	0832-050		1	Bearing



Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0802-042		1	Rotor/Flywheel	5	0802-041		1	Stator - Assembly
2	0829-012		1	Key	6	0831-064		1	Clamp
3	0827-010		1	Nut	7	8470-510		4	Screw, Machine
4	8409-632		3	Screw, Cap					



Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0806-107		1 Cover, Magneto	6	0830-176		1 Seal, Cap
2	0830-132		1 Gasket, Magneto Cover	7	0806-066		1 Cap, Magneto Cover
3	0832-010		1 Bearing	8	8468-650		4 Screw, Machine
4	0826-155		1 Plug, Check	9	8468-695		1 Screw, Machine
5	0830-015		1 Washer, Crush	10	8468-665		3 Screw, Machine



CLUTCH SIDE ENGINE COVERS

0742-232

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0806-112	1	Cover, Outside	6	8468-616	9	Screw, Machine
2	0830-137	1	Gasket, Cover	7	8468-630	21	Screw, Machine
3	0806-110	1	Cover, Inside	8	0829-048	6	Pin, Dowel
4	0806-109	1	Cover, Clutch	9	0830-013	1	Washer, Crush
5	0830-133	1	Gasket, Clutch Cover	10	8408-812	1	Screw, Cap

NOTES

NOTES

