



# Illustrated Parts Manual

## 2013



### **1000 TRV XT EFT**

**Model Number A2013TGW1PETS**

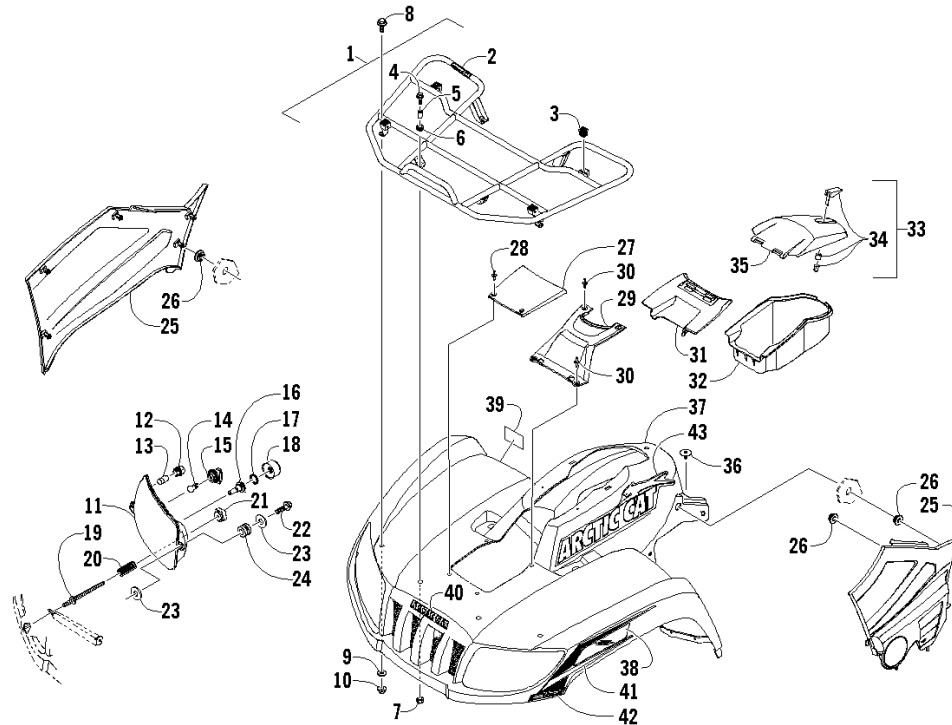
# TABLE OF CONTENTS

## 2013 1000 TRV XT EFT

(Model No. A2013TGW1PETS)

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
SWAYBAR ASSEMBLY.....	14
WHEEL AND TIRE ASSEMBLY.....	15
HYDRAULIC BRAKE ASSEMBLY.....	16
PARKING BRAKE ASSEMBLY.....	17
GAS TANK ASSEMBLY.....	18
SHIFT LEVER ASSEMBLY.....	19
AIR INTAKE ASSEMBLY.....	20
ENGINE AND EXHAUST.....	21
COOLING ASSEMBLY.....	22
CASE/BELT COOLING ASSEMBLY.....	23
DRIVE TRAIN ASSEMBLY.....	24
FRONT DRIVE GEARCASE ASSEMBLY.....	25
REAR DRIVE GEARCASE ASSEMBLY.....	26
WIRING HARNESS ASSEMBLY.....	27
BATTERY AND STARTER ASSEMBLY.....	28
THROTTLE BODY ASSEMBLY.....	29
CYLINDER ASSEMBLY.....	30
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY.....	31
CAM CHAIN ASSEMBLY.....	32
CRANKCASE ASSEMBLY.....	33
CRANKSHAFT AND PISTON ASSEMBLY.....	34
STARTER CLUTCH ASSEMBLY.....	35
OIL PUMP ASSEMBLY.....	36
WATER PUMP ASSEMBLY.....	37
TRANSMISSION ASSEMBLY.....	38
SECONDARY TRANSMISSION ASSEMBLY.....	39
GEAR SHIFTING ASSEMBLY.....	40
SECONDARY DRIVE ASSEMBLY.....	41
MAGNETO ASSEMBLY.....	42
MAGNETO SIDE ENGINE COVERS.....	43
CLUTCH SIDE ENGINE COVERS.....	44

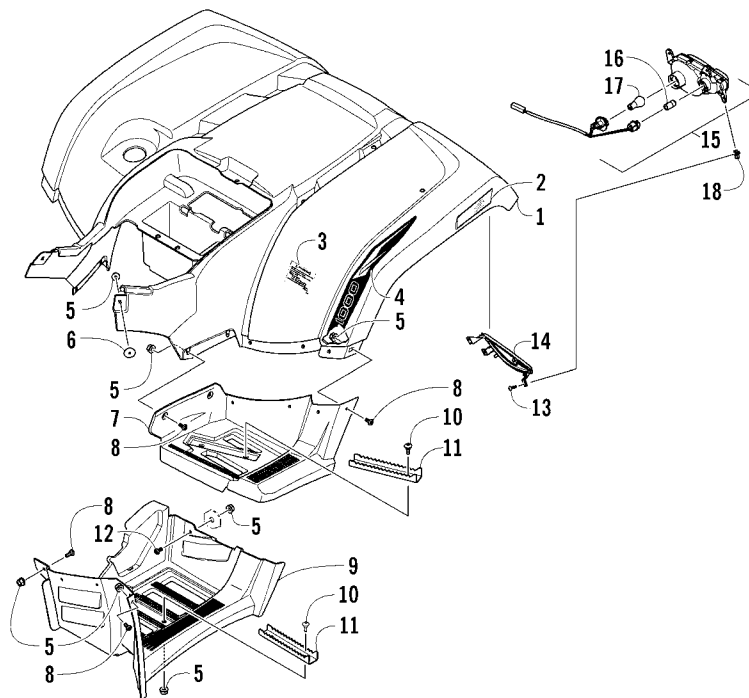
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



## FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0746-708

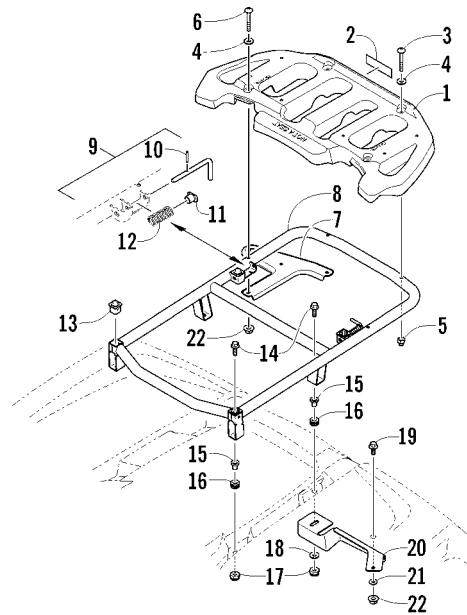
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	24	0423-447		4	Grommet
2	0411-576		1	● Decal, Warning - Load	25	2406-802		1	Panel, Side - Lower - Right
3	0441-592		4	● Bushing		2406-803		1	Panel, Side - Lower - Left
4	8410-830		4	Screw, 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	8427-602		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	2516-859		1	Panel, Fender - Gray
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	3411-046	X	1	Decal, Side - Front Right
20	0423-522		2	Spring, Adjuster		3411-047	X	1	Decal, Side - Front Left
21	0423-513		2	Knob, Adjuster	42	3411-264	X	1	Decal, "EFI"
22	0623-785		4	Screw, Self-Tapping	43	3411-034	X	1	Decal, Side - Upper Right
23	8050-217		8	Washer		3411-035	X	1	Decal, Side - Upper Left



## REAR BODY PANEL AND FOOTWELL ASSEMBLIES

0746-730

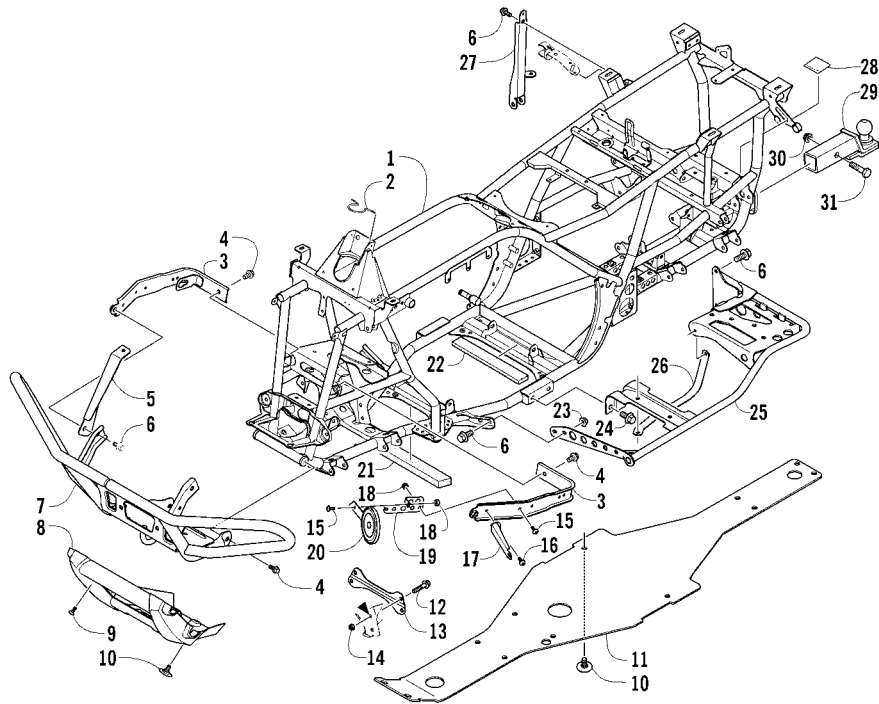
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-310		1	Fender, Rear - Assembly - Black	10	0423-355		8	Screw, Shoulder
2	1411-592		1	Decal, Reflector - Right - Red	11	1506-125		4	Footpeg
	1411-593		1	Decal, Reflector - Left - Red	12	8477-620		2	Screw, Machine
3	2411-830		1	Decal, Warning - Tire Pressure	13	8476-516		6	Screw, Machine
4	3411-076	X	1	Decal, 1000 - Right	14	0409-112		1	Bezel, Taillight - Right
	3411-077	X	1	Decal, 1000 - Left		0409-113		1	Bezel, Taillight - Left
5	8427-602		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	19	3411-239	X	1	Decal, "XT"
	2506-857		1	Footwell - Left					



## REAR RACK ASSEMBLY

0745-327

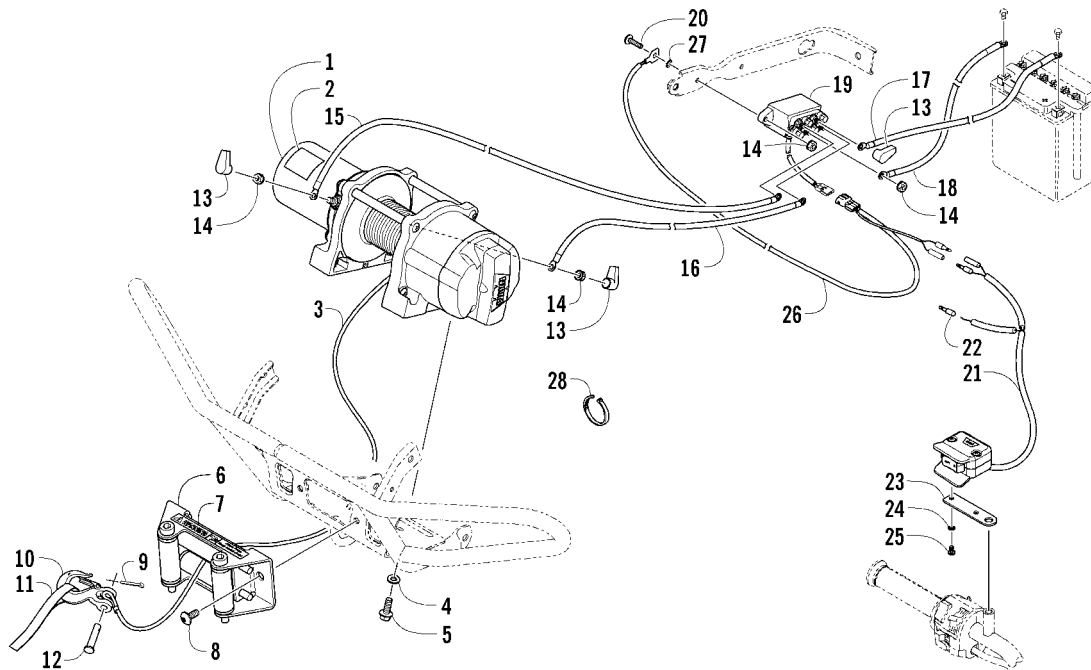
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-339		1	Rack, Rear (inc. 2)	13	0441-592		4	● Bushing
2	1411-201		1	● Decal, Warning - Load	14	8410-835		4	Screw, Cap
3	8410-640		3	Screw, Cap	15	0423-669		4	Spacer
4	8050-223		4	Washer	16	0423-465		4	Grommet
5	0423-891		2	Nut, Cap	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	8427-602		4	Nut, Lock
12	0423-636		2	●● Spring					



## FRAME AND RELATED PARTS

0746-729

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-821	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

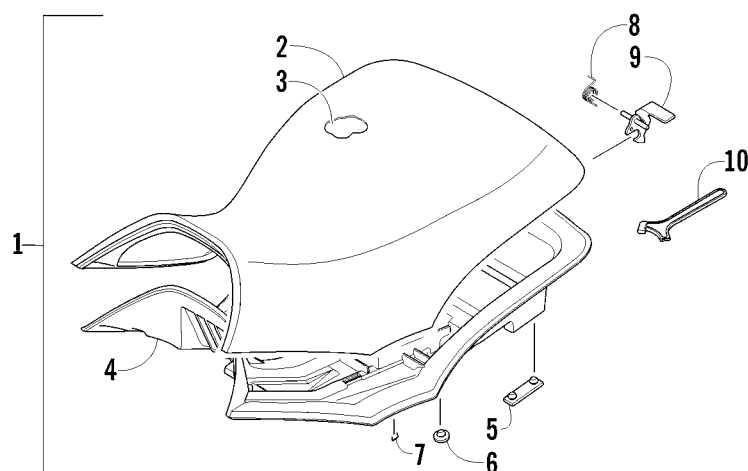
0745-322

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



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

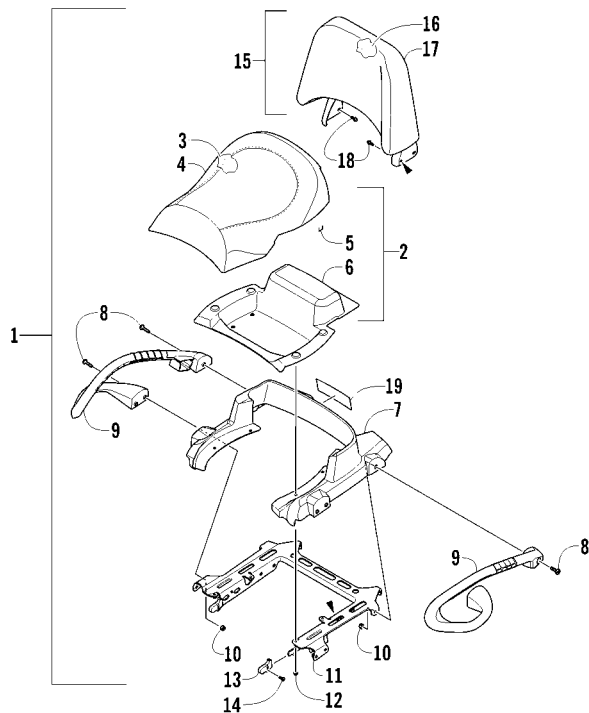




## SEAT ASSEMBLY

0744-621

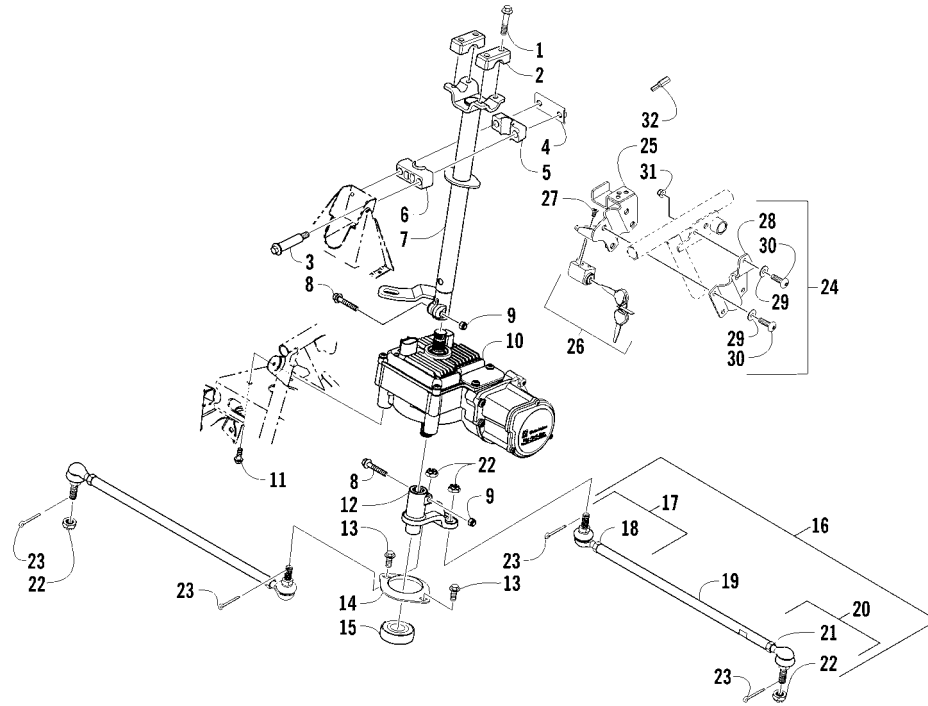
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-558		1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	1506-209		1	● Cover, Seat	7	0624-263		AR	● Staple
3	0517-119		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2416-827		1	● Base, Seat - Assembly (inc.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

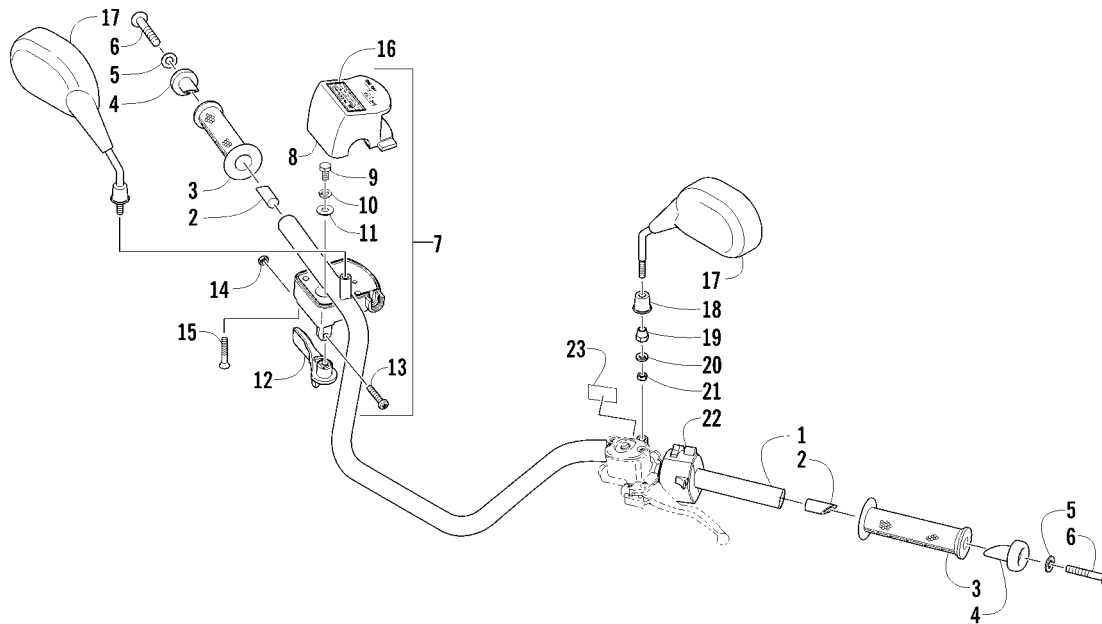
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-896		1	Seat, Passenger - Assembly (inc. 2-14)	10	8432-802		6	● Nut, Lock
2	2506-064		1	● Seat, Passenger - Sub-Assembly (inc. 3-6)	11	2516-040		1	● Bracket, Seat Support - Assembly
3	1506-816		1	●● Foam, Seat - Passenger	12	8427-602		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

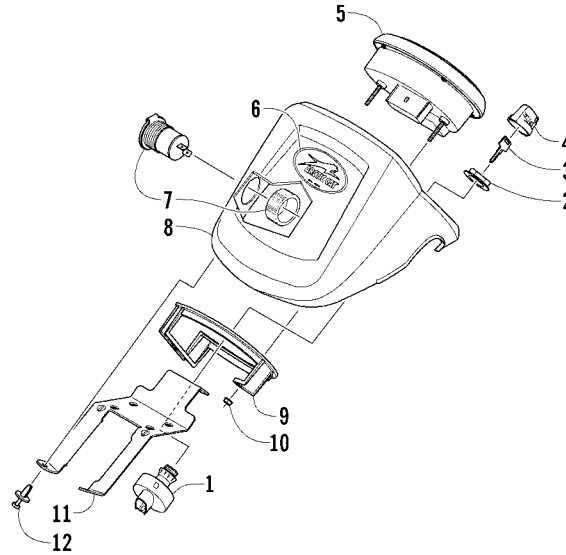
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap	18	0423-013		2	●● Nut - Left-Hand Thread
2	0405-035		2	Cap, Steering Adjuster	19	0405-281		2	● Tie Rod
3	0423-505		2	Screw, Shoulder	20	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 21)
4	0505-484		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		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	0505-806	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		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		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

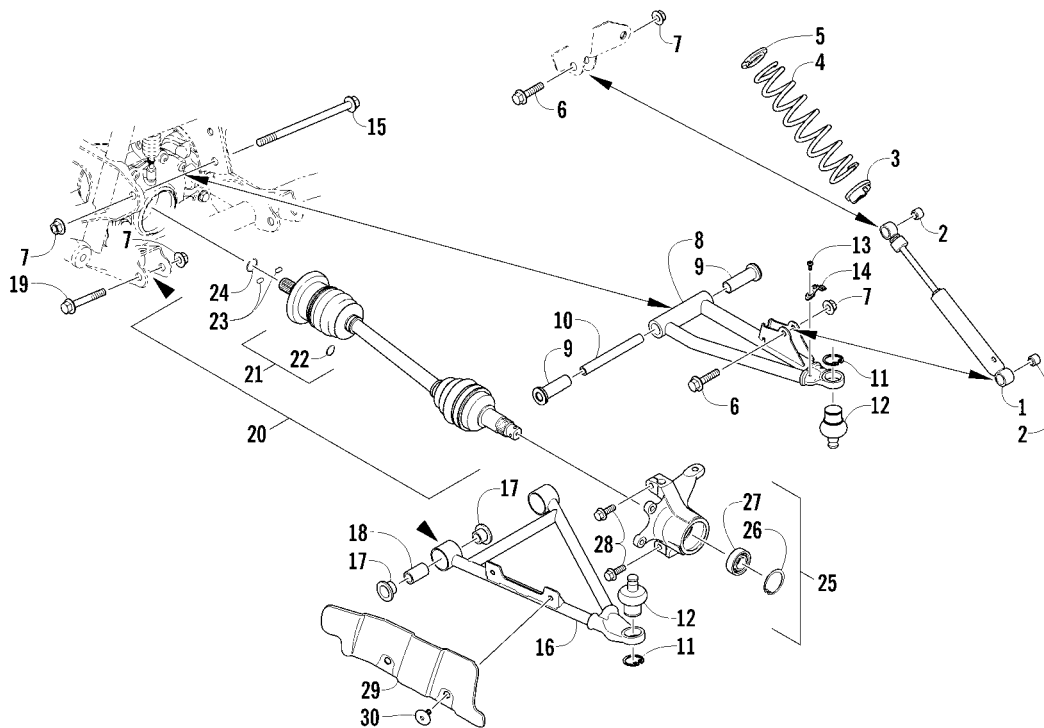
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-522		1	Handlebar	13	3423-014		1	● Screw, Machine
2	0405-218		2	Plug, Handlebar	14	3423-327		1	● Nut
3	0405-147		2	Grip, Handlebar	15	3423-199		2	● Screw, Machine
4	0405-149		2	End Cap, Handlebar	16	0411-966		1	Decal, Warning - Differential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

0746-654

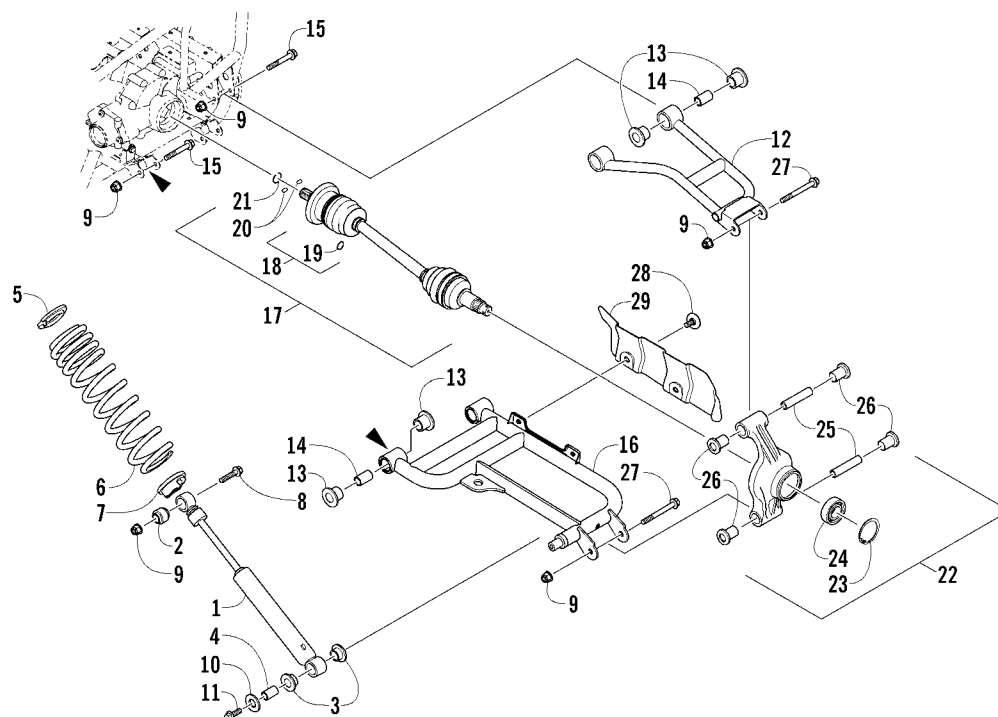
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	9611-751	X	1	Decal, "Arctic Cat"
2	0430-050		1	● Nut, Retaining	7	0641-897		1	Outlet, Accessory - 12V
3	0430-042		1	● Key, Ignition - (Y Series - Left-Side Cut)	8	0505-590		1	Instrument Pod - Black
	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	0520-200	X	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	0403-288	X	2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-511	X	2	Spring, Suspension - White	20	1502-806		1	Axle, Drive - Right (inc. 21-24)
5	1603-889		2	Retainer, Spring	21	1502-805		1	Axle, Drive - Locking - Left (inc. 21-24)
6	8409-040		4	Screw, Cap	22	1436-410		2	● Repair Kit, Boot (inc. 22)
7	0423-744		10	Nut, Lock	23	1441-988		2	● Clip, Retaining
8	0503-416		1	A-Arm, Upper Right - Black (inc. 9-12)	24	1402-885		4	● Pin, Detent
9	0503-417		1	A-Arm, Upper Left - Black (inc. 9-12)	25	1402-889		2	● Clip, Retaining
10	0403-207		4	● Bushing	26	0505-578		1	Knuckle - Assembly - Right (inc. 26-27)
11	0403-080		2	● Axle	27	0505-579		1	Knuckle - Assembly - Left (inc. 26-27)
12	0423-009		4	● Ring, Retaining	28	0423-423		2	● Ring, Retaining
13	0405-483		4	● Ball Joint	29	1402-809		2	● Bearing
14	0423-946		4	Screw, Self-Tapping	30	0423-998		4	Screw, Shoulder
15	1502-594		2	Clamp, Routing		1406-034		1	Guard, Boot - Right - Black
16	0423-334		2	Screw, Cap		1406-035		1	Guard, Boot - Left - Black
	0503-376		1	A-Arm, Lower Right - Black (inc. 17-18 and two No. 11-12)		0423-545		4	Screw, Shoulder
	0503-377		1	A-Arm, Lower Left - Black (inc. 17-18 and two No. 11-12)					



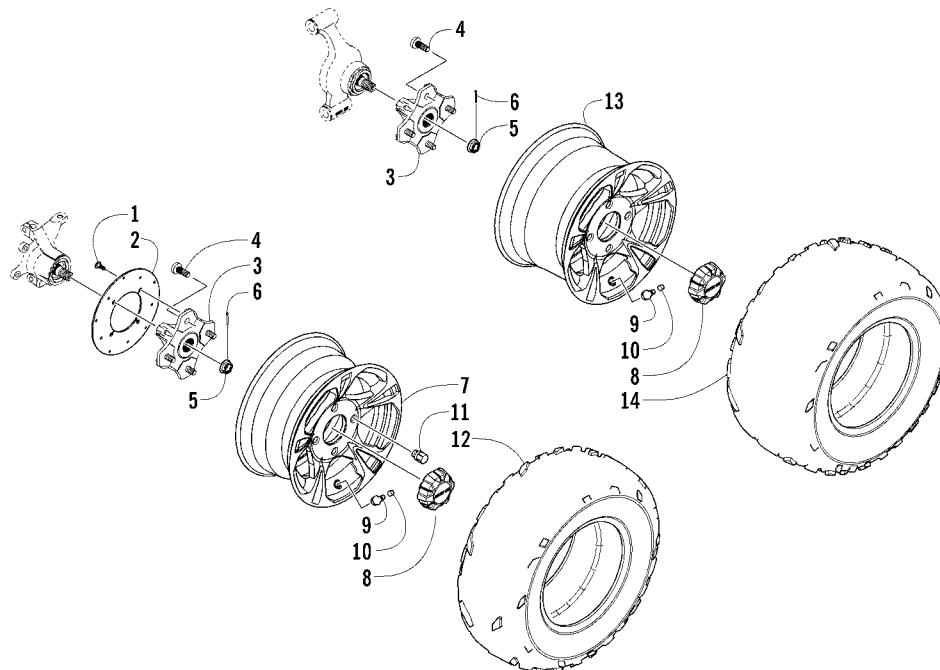
## REAR SUSPENSION ASSEMBLY

0746-655

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-274	X	2	Shock Absorber (inc. 2-4)	16	0504-718	X	1	A-Arm, Rear - Lower Right - Black (inc. 13-14)
2	0403-182		2	● Bushing		0504-719	X	1	A-Arm, Rear - Lower Left - Black (inc. 13-14)
3	0603-955		4	● Bushing	17	1502-804		2	Axle, Drive (inc. 18-21)
4	1603-219		2	● Sleeve	18	1436-410		2	● Repair Kit, Boot (inc. 19)
5	1603-889		2	Retainer, Spring	19	1441-988		2	● Clip, Retaining
6	0504-659	X	2	Spring, Suspension - White	20	1402-884		4	● Pin, Detent
7	0404-057		2	Cam, Spring Adjuster	21	1402-890		2	● Clip, Retaining
8	8409-050		2	Screw, Cap	22	0504-630		1	Knuckle, Right - Assembly (inc. 23-26)
9	0423-744		14	Nut, Lock		0504-551		1	Knuckle, Left - Assembly (inc. 23-26)
10	0423-087		2	Washer	23	0423-423		2	● Ring, Retaining
11	8408-820		2	Screw, Cap	24	1402-809		2	● Bearing
12	0504-582		1	A-Arm, Rear - Upper Right - Black (inc. 13-14)	25	0403-213		4	● Axle
	0504-583		1	A-Arm, Rear - Upper Left - Black (inc. 13-14)	26	0403-206		8	● Bushing
13	0403-208		16	● Bushing	27	8409-000		4	Screw, Cap
14	0403-214		8	● Axle	28	0423-545		4	Screw, Shoulder
15	8409-075		8	Screw, Cap	29	1406-068		1	Guard, Boot - Rear - Right - Black
						1406-069		1	Guard, Boot - Rear - Left - Black

14

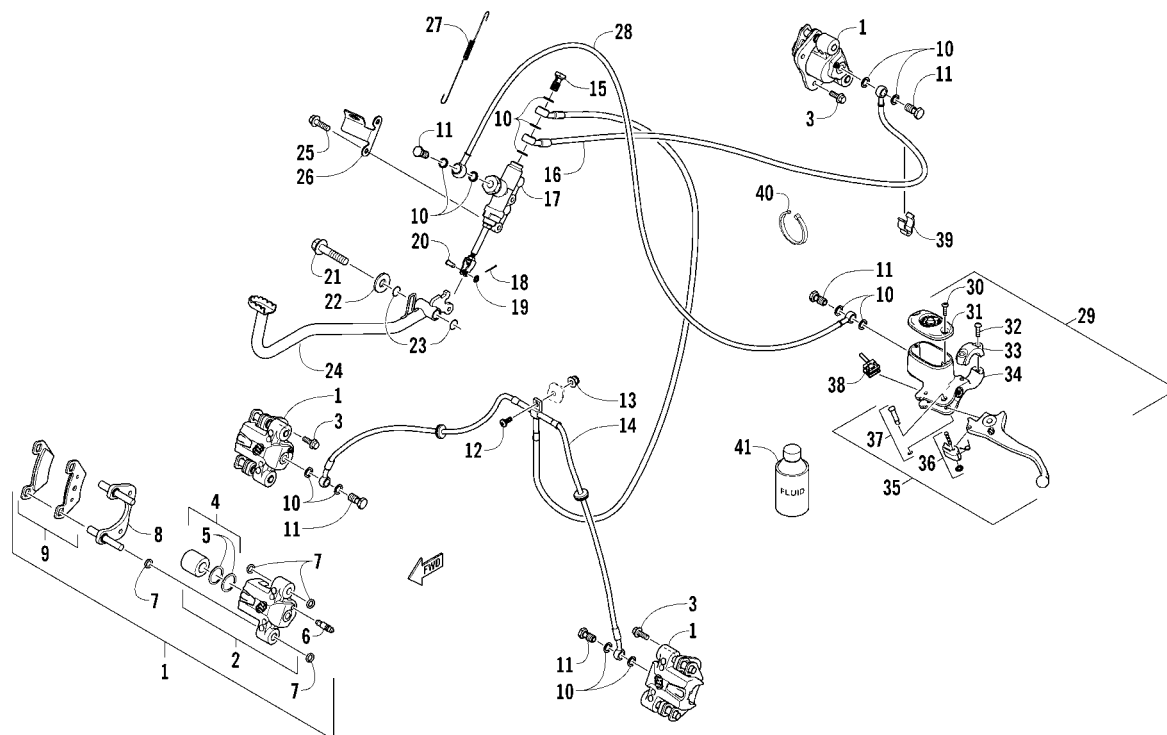




## WHEEL AND TIRE ASSEMBLY

0746-718

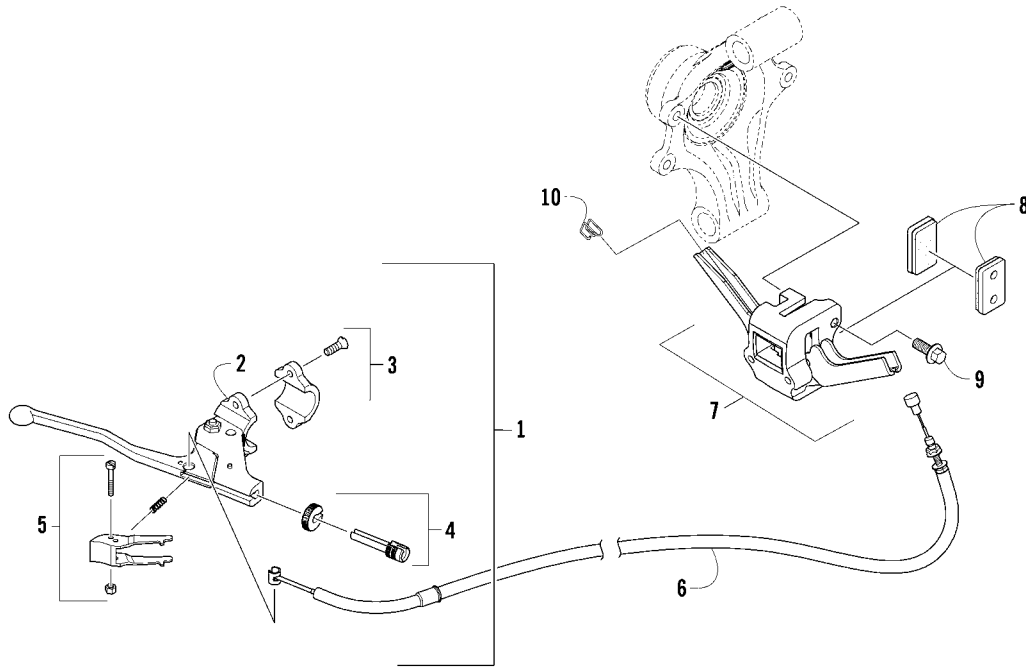
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		12	Screw, Shoulder	8	2402-084	X	4	● Cap, Wheel
2	1436-164		3	Disc, Brake	9	0402-064		4	Stem, Valve (inc. 10)
3	1502-437		4	Hub, Wheel (inc. 4)	10	0402-140		4	● Cap, Valve Stem
4	0402-974		16	● Stud	11	0423-618		16	Nut, Lug - Chrome
5	0423-607		4	Nut, Castle	12	1402-858		2	Tire - Front
6	0423-407		4	Pin, Cotter	13	2402-069	X	2	Wheel - Rear - Aluminum (inc. 8)
7	2402-068	X	2	Wheel - Front - Aluminum (inc. 8)	14	1402-859		2	Tire - Rear



## HYDRAULIC BRAKE ASSEMBLY

0747-127

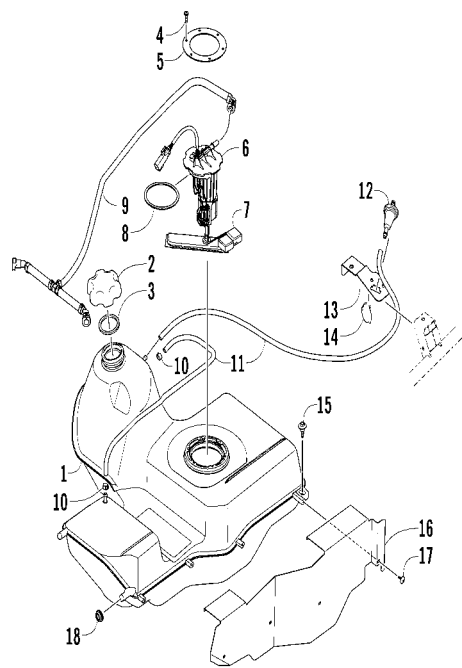
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1436-422		1	Caliper, Brake - Right Front (inc. 2-9)	18	0117-868		1	Pin, Cotter
	1436-423		1	Caliper, Brake - Left Front (inc. 2-9)	19	8050-217		1	Washer
	1436-423		1	Caliper, Brake - Rear (inc. 2-9)	20	1402-377		1	Pin, Clevis
2	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. 3-6)	21	8408-816		1	Screw, Cap
	1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. 3-6)	22	8050-252		1	Washer
	1436-161		1	● Housing, Caliper - Assembly - Rear (inc. 3-6)	23	1602-213		2	O-Ring
3	8408-821		6	●● Screw, Cap	24	1502-162		1	Lever, Brake
4	0502-606		3	●●● Piston/Seal Set (inc. 5)	25	8408-625		2	Screw, Cap
5	0502-607		3	●●● Seal Set	26	0502-840		1	Bracket, Switch
6	0502-609		3	●● Valve, Bleed	27	0502-785		1	Spring, Brake Switch
7	0502-608		3	● O-Ring, Guide - Set	28	1402-592		1	Hose, Brakeline
8	0502-605		3	● Bracket Assembly	29	0502-914		1	Brake Assembly (inc. 30-38)
9	1502-694		3	● Pad, Brake - Set	30	0502-566		1	● Screw, Machine - Kit
10	0423-178		13	Washer, Crush	31	0502-868		1	● Cover, Reservoir
11	0423-413		5	Bolt, Banjo-Fitting	32	0502-568		1	● Screw, Machine - Kit
12	8476-625		1	Screw, Machine	33	0502-869		1	● Clamp, Master Cylinder
13	8427-602		1	Nut, Lock	34	0502-704		1	● Master Cylinder Assembly
14	1502-148		1	Hose, Brakeline - Assembly	35	0502-866		1	● Lever Assembly - Kit (inc. 36-37)
15	0423-610		1	Bolt, Banjo-Fitting - Double	36	0502-867		1	●● Lock, Brake Lever - Kit
16	1402-594		1	Hose, Brakeline	37	0502-580		1	●● Lever Pin - Kit
17	1502-147		1	Brake Assembly	38	0502-564		1	● Switch, Brake
					39	1502-115		2	Clip, Brakeline Hose
					40	0123-788		AR	Tie, Cable - 8 in.
					41	5639-848	X	AR	Fluid, Brake - 12 oz



## PARKING BRAKE ASSEMBLY

0743-214

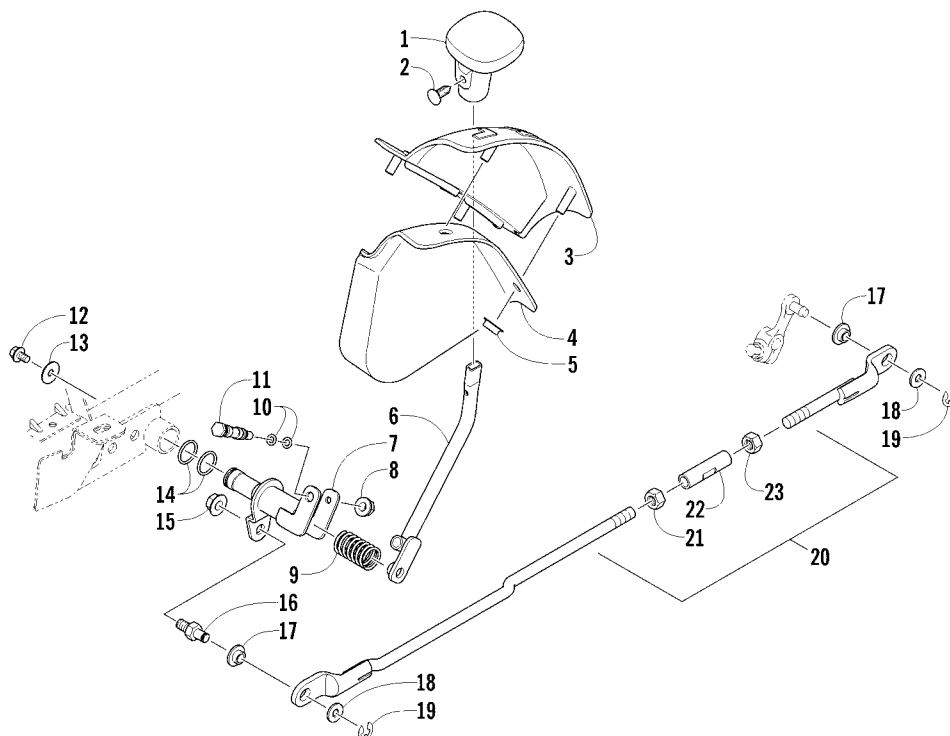
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-278		1	Lever, Parking Brake - Assembly (inc. 2-6)	6	0487-055		1	● Cable, Brake - Rear
2	1502-429		1	● Lever, Parking Brake - Kit	7	1502-865		1	Mechanical Brake Assembly (inc. 8)
3	1502-432		1	● Clamp, Handlebar - Kit	8	1402-602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

0747-131

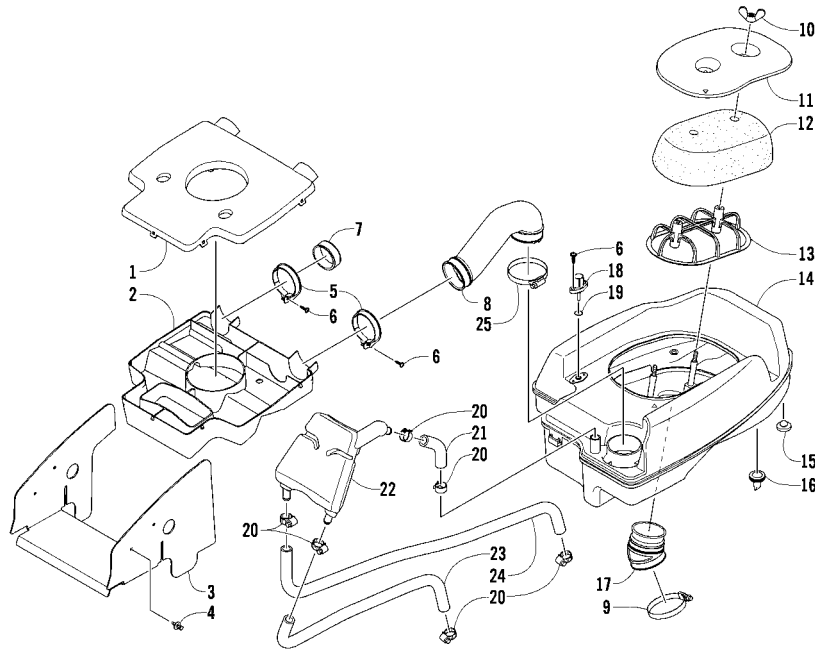
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-308		1	Tank, Gas - Assembly (inc. 2-5)	10	0423-688		AR	Clamp, Hose
2	0470-438		1	● Cap, Gas Tank (inc. 3)	11	0410-070		AR	Hose, Gasline - 25 ft
3	0109-733		1	●● Gasket, Gas Tank Cap	12	0470-988	X	1	Filter, In-Line
4	0423-898		6	● Screw, Self-Tapping	13	0470-979	X	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		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

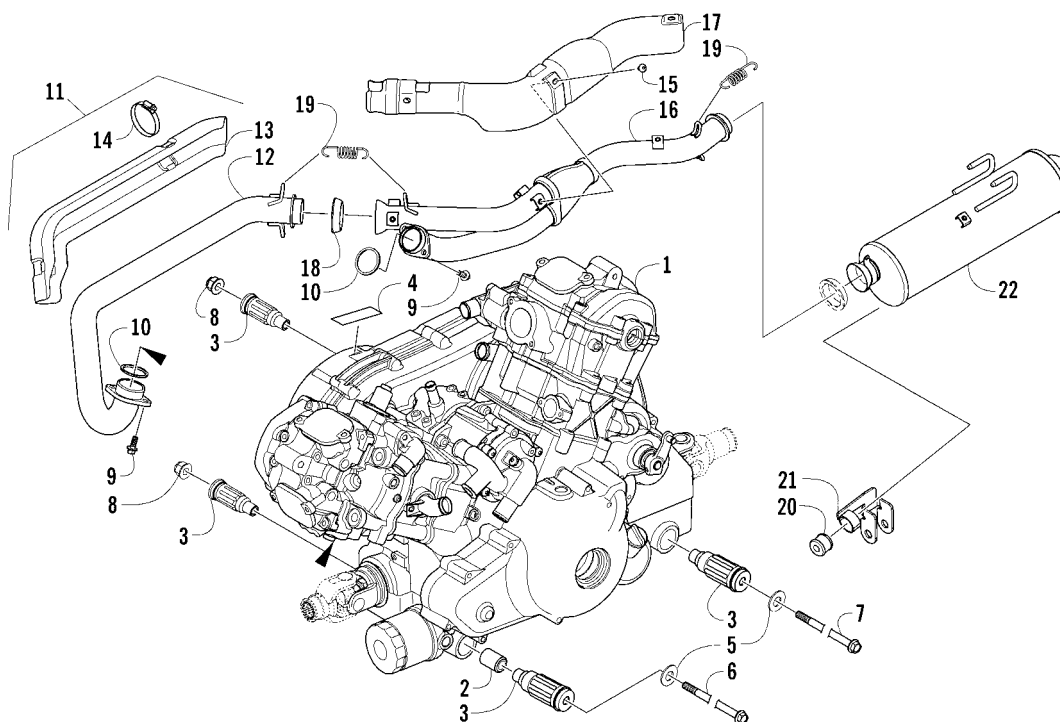
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	13	0423-087		1	Washer
2	0423-345		1	Clip, Retaining	14	0423-299		2	O-Ring
3	1402-576		1	Plate, Shift	15	8424-802		1	Nut
4	2406-345		1	Shield, Shift Plate	16	1402-621		1	Pin, Mounting - Shift Linkage
5	0423-357		4	Nut, Stamped	17	0423-091		2	Bushing
6	1502-977	X	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

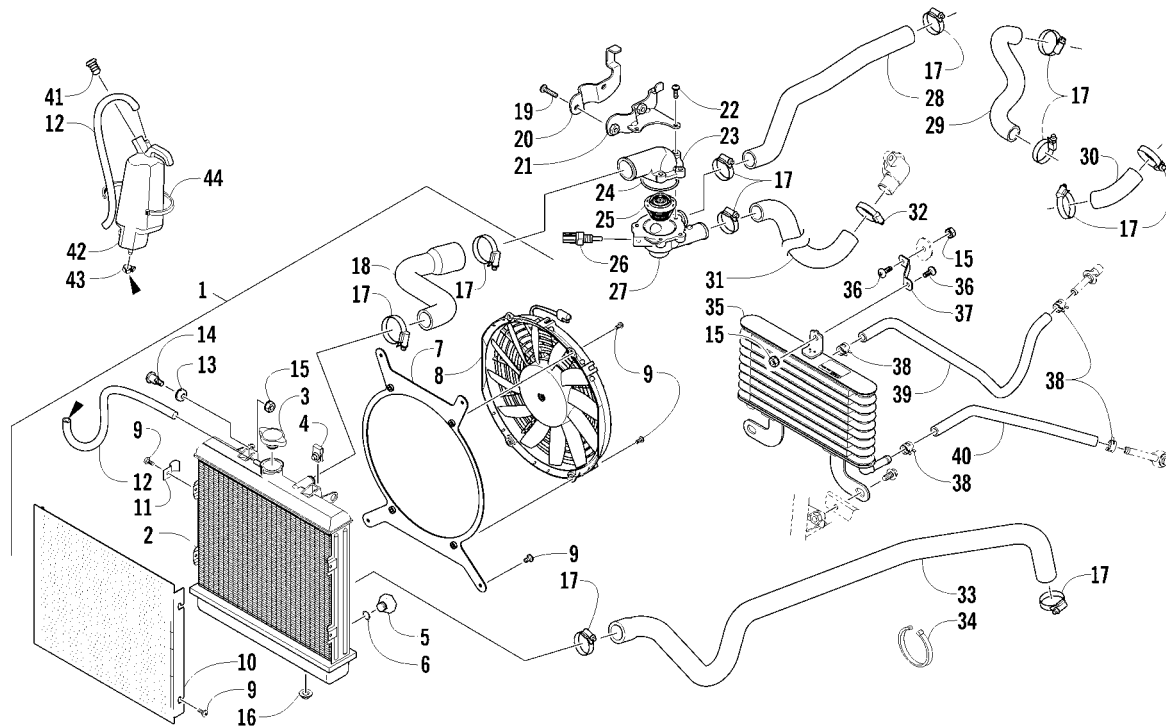
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-091		1	Diverter, Air - Top	14	0570-221		1	Housing, Air Intake
2	0413-093		1	Diverter, Air - Bottom	15	0406-877		4	Bumper
3	2406-509		1	Shroud, Splash	16	0470-858		2	Valve, Drain
4	0623-362		2	Rivet, Reinstallable	17	0470-638		1	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		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

0746-835

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	0512-453	1	Pipe, Exhaust - Rear
5	0423-426	2	Washer	17	0412-484	1	Shield, Exhaust Pipe - Rear
6	0423-734	1	Screw, Cap	18	0412-375	2	Seal, Exhaust Pipe
7	0423-451	1	Screw, Cap	19	0612-668	4	Spring, Extension
8	8428-002	2	Nut, Lock	20	0412-577	3	Bushing
9	8408-820	4	Screw, Cap	21	1506-732	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				

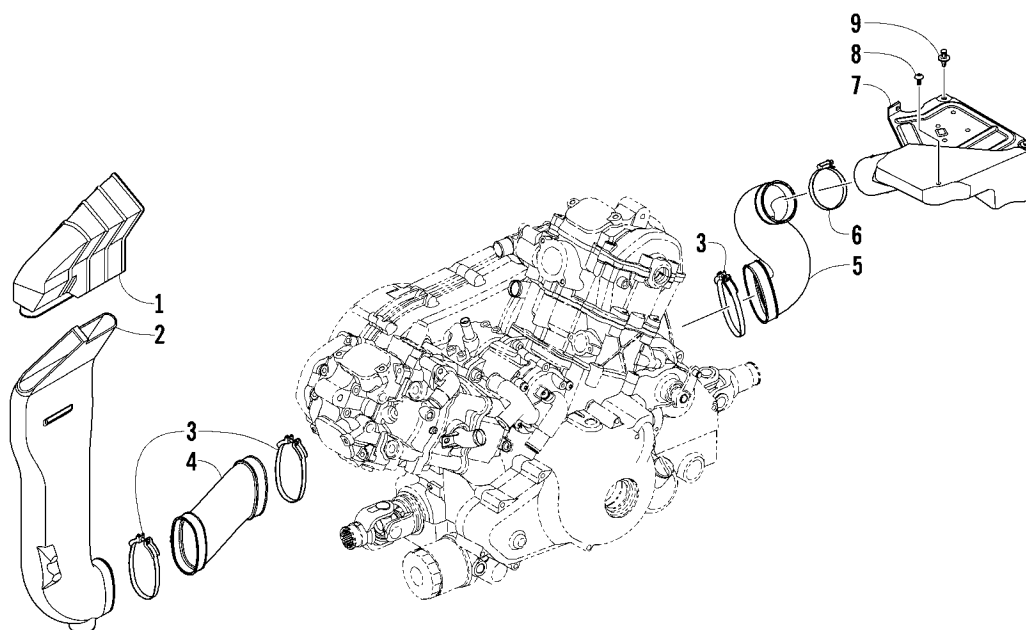


## COOLING ASSEMBLY

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.

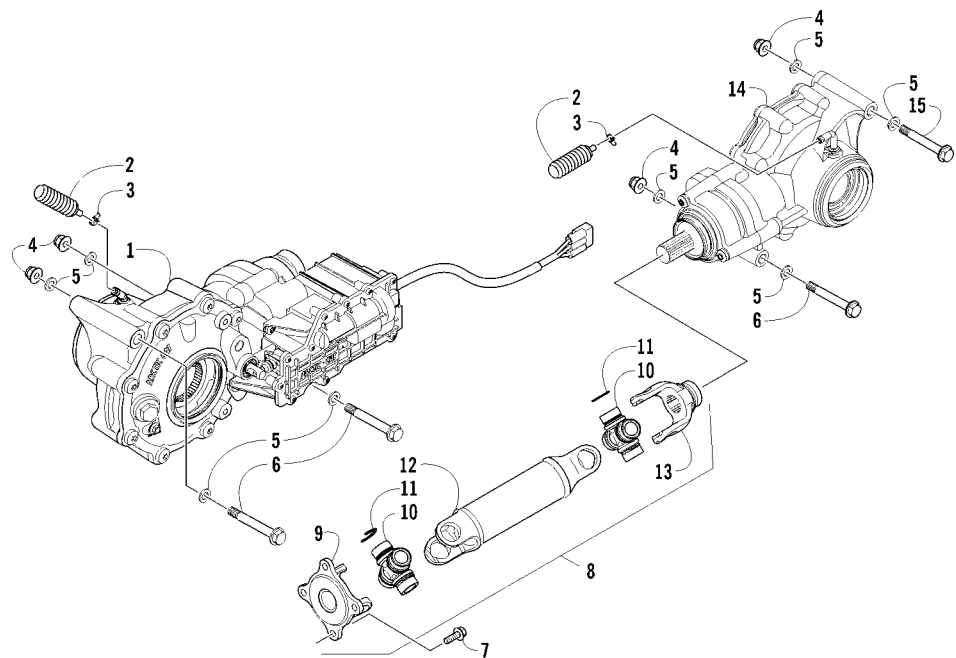




## CASE/BELT COOLING ASSEMBLY

0744-451

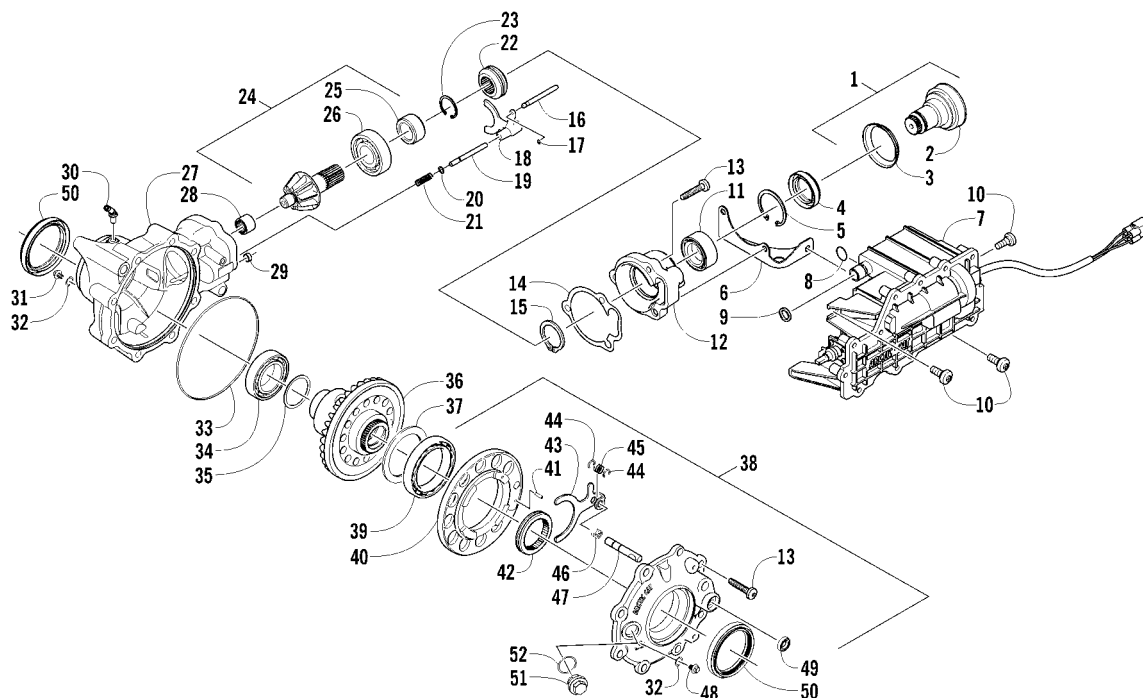
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-137		1	Shroud, Air - Air In	6	0423-019		1	Clamp
2	0413-138		1	Duct, Cooling - Air In	7	0413-306	X	1	Duct, Cooling - Air Out
3	0423-730		3	Clamp	8	0623-797		1	Screw, Self-Tapping
4	0413-139		1	Boot, Cooling - Air In	9	0623-362		2	Rivet, Reinstallable
5	0413-135		1	Boot, Cooling - Air Out					



DRIVE TRAIN ASSEMBLY

0746-188

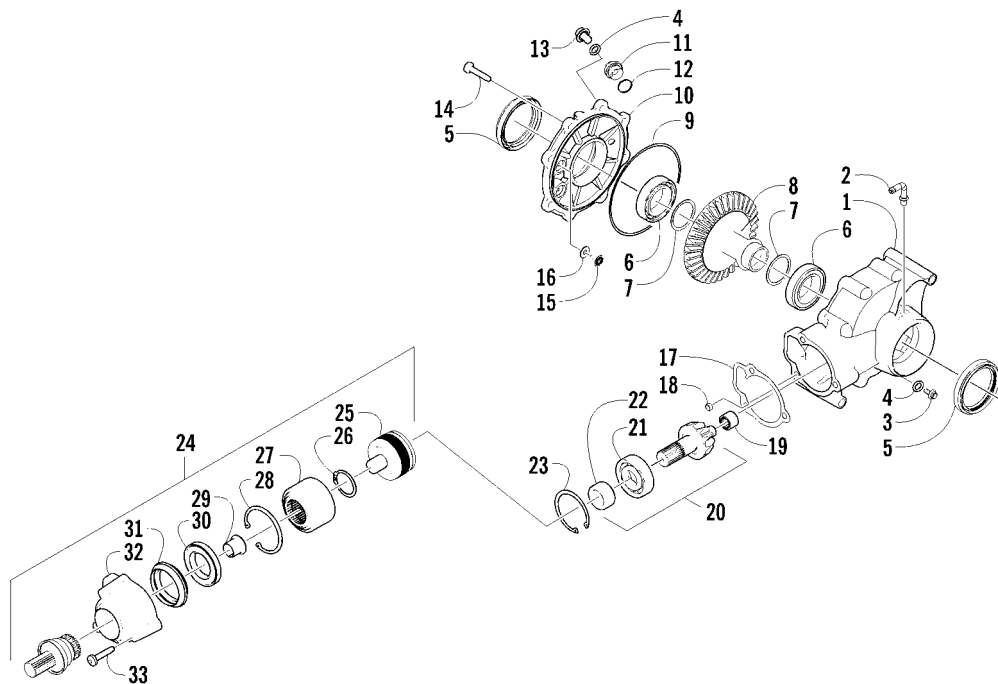
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-882		1	Gearcase, Front	9	1402-689		1	● Yoke, Flange
2	1402-620		2	Bladder, Gearcase	10	0402-944		2	● Joint, Universal (inc.11)
3	0423-315		2	Clamp, Hose	11	0423-395		8	●● Ring, Retaining
4	8428-002		4	Nut, Lock	12	1502-337		1	●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

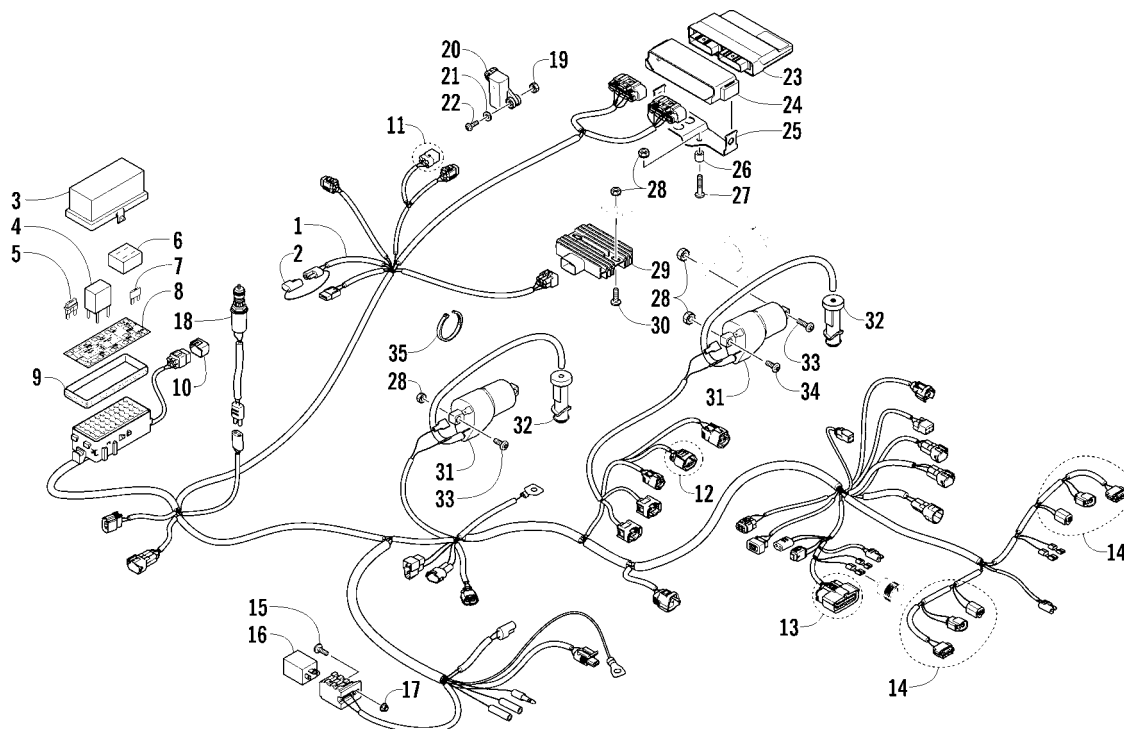
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-882		1	Complete Front Drive Gearcase Assembly	30	1402-980		1	Fitting, Elbow
1	0502-923		1	Shaft, Propeller - Assembly (inc. 2-3)	31	1402-210		1	Plug, Magnetic (inc. one No. 32)
2	1402-438		1	● Shaft, Input	32	0423-153		2	● O-Ring
3	1402-168		1	● Deflector	33	0423-149		1	O-Ring
4	1402-011		1	Seal	34	0402-393		1	Bearing
5	0423-423		1	Ring, Retaining	35	0402-405		AR	Shim, 41 x 49 x 1.3 mm
6	1502-237		1	Bracket, Actuator		0402-406		AR	Shim, 41 x 49 x 1.4 mm
7	1502-909		1	Actuator (inc. 8)		0402-407		AR	Shim, 41 x 49 x 1.5 mm
8	1402-981		1	● O-Ring		0402-408		AR	Shim, 41 x 49 x 1.6 mm
9	0423-892		1	O-Ring		0402-409		AR	Shim, 41 x 49 x 1.7 mm
10	0423-396		3	Screw, Self-Tapping	36	1502-859		1	Gear, Ring - 34T
11	1402-043		1	Bearing	37	1402-074		AR	Shim, 61 x 69 x 1.3 mm
12	0502-528		1	Housing, Pinion		1402-075		AR	Shim, 61 x 69 x 1.4 mm
13	0423-118		11	Screw, Self-Tapping		1402-076		AR	Shim, 61 x 69 x 1.5 mm
14	0402-947		1	Gasket		1402-077		AR	Shim, 61 x 69 x 1.6 mm
15	0423-417		1	Ring, Retaining		1402-078		AR	Shim, 61 x 69 x 1.7 mm
16	0402-997		1	Shaft, Selector	38	1502-895		1	Cover, Gearcase (inc. one No. 32, 39-49, and one No. 50)
17	0423-402		1	Ring, Retaining	39	1402-053		1	● Bearing
18	0402-998		1	Fork, Selector	40	0502-413		1	● Flange, Bearing
19	0402-417		1	Shaft, Shuttle	41	1402-079		1	● Pin, Alignment
20	0423-147		1	O-Ring	42	1402-042		1	● Collar, Sliding
21	0402-999		1	Spring, Return	43	1402-054		1	● Fork
22	0402-413		1	Coupler, Drive	44	1402-058		2	● Ring, Retaining
23	1423-067		1	Ring, Retaining	45	1402-057		1	● Spring
24	1502-851		1	Gear, Pinion - Assembly - 11T (inc. 25-26)	46	1402-063		1	● Spring
25	1402-977		1	● Collar, Retaining	47	1402-656		1	● Shaft, Lock
26	0402-327		1	● Bearing	48	1402-211		1	● Plug, Oil Level (inc. one No. 32)
27	1502-856		1	Housing, Gearcase	49	1402-056		1	● Seal
28	0402-328		1	Bearing	50	1402-950		2	● Seal
29	0402-411		1	Pin, Dowel	51	0402-333		1	Plug, Fill (inc. 52)
					52	0423-154		1	● O-Ring



## REAR DRIVE GEARCASE ASSEMBLY

0746-191

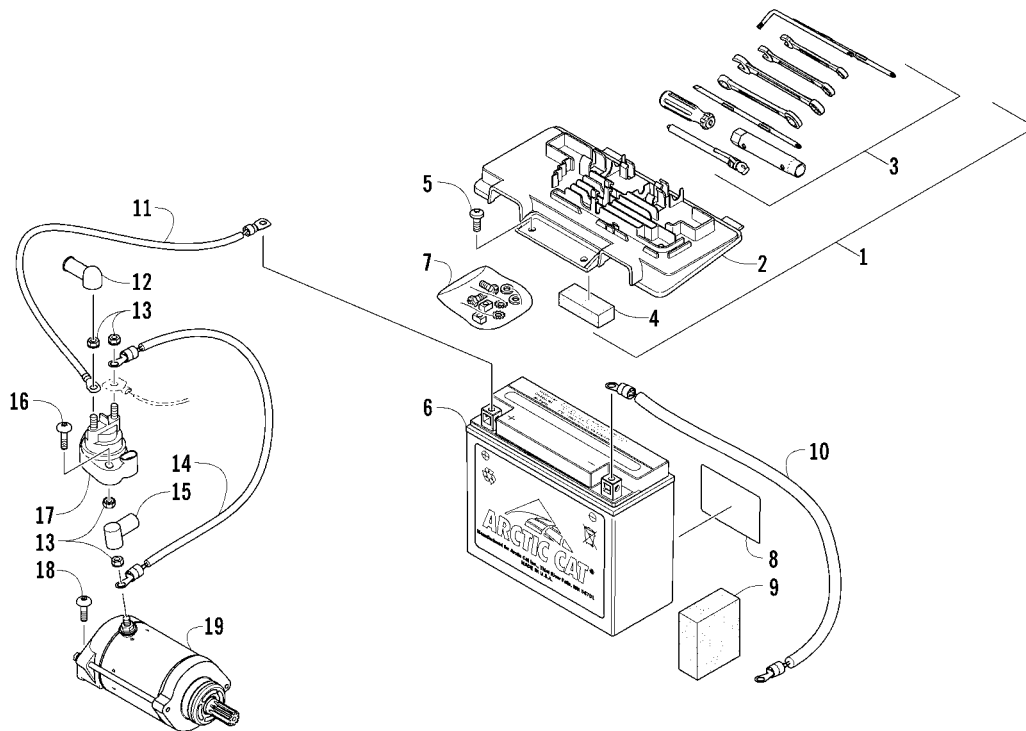
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-883		1	Complete Rear Drive Gearcase Assembly		0402-430	AR		Shim, 6.3 x 18 x 1.4 mm
1	1502-896		1	Housing, Gearcase		0402-431	AR		Shim, 6.3 x 18 x 1.5 mm
2	1402-442		1	Fitting, Elbow		0402-432	AR		Shim, 6.3 x 18 x 1.6 mm
3	0402-450		1	Plug, Magnetic (inc. one No. 4)		0402-433	AR		Shim, 6.3 x 18 x 1.7 mm
4	0423-153		2	● O-Ring	17	0402-947		1	Gasket
5	1402-950		2	Seal	18	0402-411		1	Pin, Dowel
6	0402-393		2	Bearing	19	0402-328		1	Bearing
7	0402-405	AR		Shim, 41 x 49 x 1.3 mm	20	1502-851		1	Gear, Pinion - Assembly - 11T (inc. 21-22)
	0402-406	AR		Shim, 41 x 49 x 1.4 mm	21	0402-327		1	● Bearing
	0402-407	AR		Shim, 41 x 49 x 1.5 mm	22	1402-977		1	● Collar, Retaining
	0402-408	AR		Shim, 41 x 49 x 1.6 mm	23	1423-067		1	Ring, Retaining
	0402-409	AR		Shim, 41 x 49 x 1.7 mm	24	1502-655		1	Shaft, Input (inc. 25-32)
8	1402-033		1	Gear, Ring - 34T	25	1502-564		1	● Cartridge, Clutch - Assembly
9	0423-149		1	O-Ring	26	0423-799		1	● Ring, Retaining - External
10	1502-897		1	Cover, Gearcase	27	1402-682		1	● Basket, Clutch
11	0402-333		1	Plug, Fill (inc. 12)	28	0423-798		1	● Ring, Retaining - Internal
12	0423-154		1	● O-Ring	29	1402-678		1	● Bearing, Flange
13	1402-211		1	Plug, Oil Level (inc. one No. 4)	30	1402-677		1	● Bearing
14	0423-118		8	Screw, Self-Tapping	31	1402-687		1	● Seal
15	0402-326		1	Button, Thrust	32	1502-285		1	● Housing, Input
16	0402-429	AR		Shim, 6.3 x 18 x 1.3 mm	33	0423-834		3	Screw, Self-Tapping



## WIRING HARNESS ASSEMBLY

0745-715

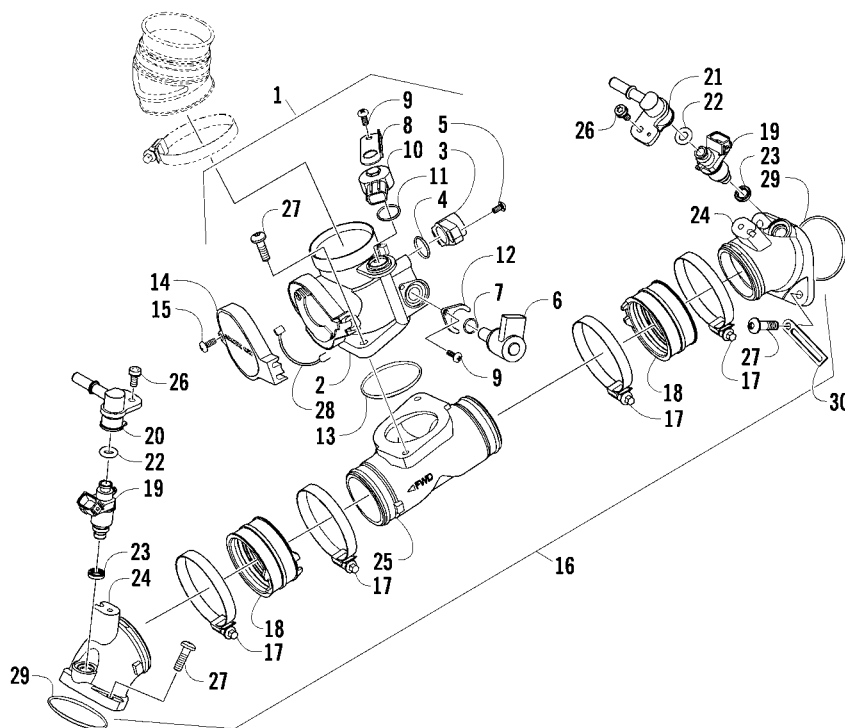
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-404	1		Harness, Main (inc. 2-10)	17	8427-502	1		Nut, Lock
2	0486-164	1		● Tether, Accessory Connector	18	0409-089	1		Switch, Brake - Assembly
3	0430-085	1		● Cover, Fuse Block	19	0423-493	2		Nut w/Washer
4	0430-045	6		● Relay (4-Pin)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



## BATTERY AND STARTER ASSEMBLY

0746-943

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5993-040	X	1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-071		1	Cable, Battery/Ground
2	4406-136	X	1	● Cover, Battery	11	0445-062		1	Cable, Battery/Soleniod
3	0444-122		1	● Kit, Tool	12	0645-327		1	Boot, Terminal
4	0417-016		1	● Pad, Battery	13	0623-038		5	Nut w/Washer
5	8476-620		2	Screw, Machine	14	0445-066		1	Cable, Solenoid/Starter (inc. 15)
6	0645-480		1	Battery Assembly (inc. 7-8)	15	0645-019		1	● Boot, Terminal
7	0445-082		1	● Kit, Hardware	16	8476-630		2	Screw, Machine
8	0645-430		1	● Decal, Warning	17	0445-058		1	Solenoid
9	0417-017		1	Foam, Battery	18	8476-625		2	Screw, Machine
					19	0825-015		1	Motor, Starter - Assembly



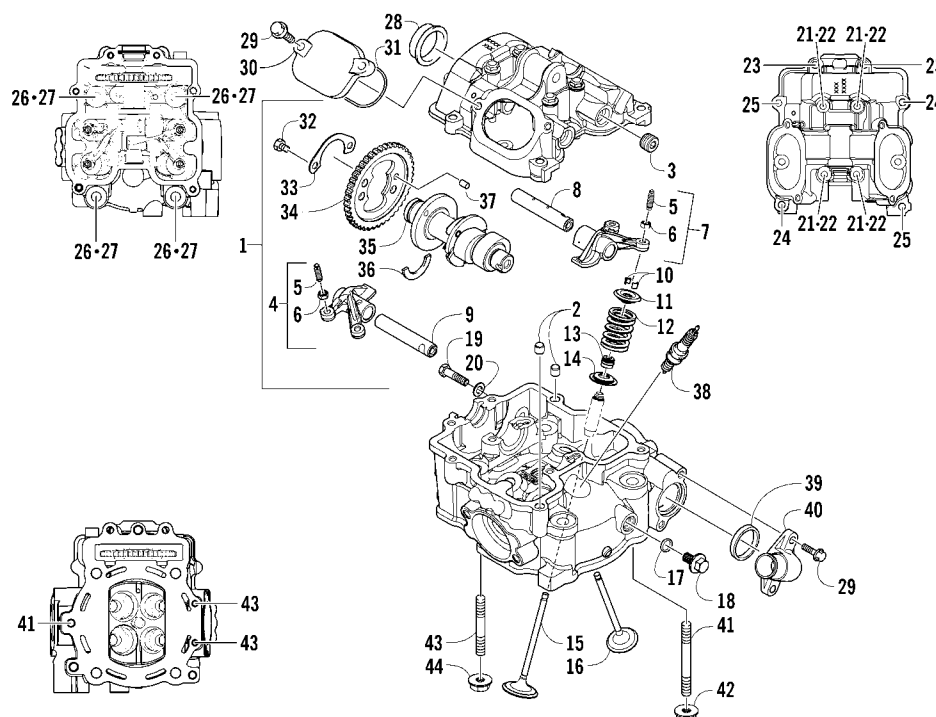
## THROTTLE BODY ASSEMBLY

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	1623-984	X	1	Clamp, Routing

30





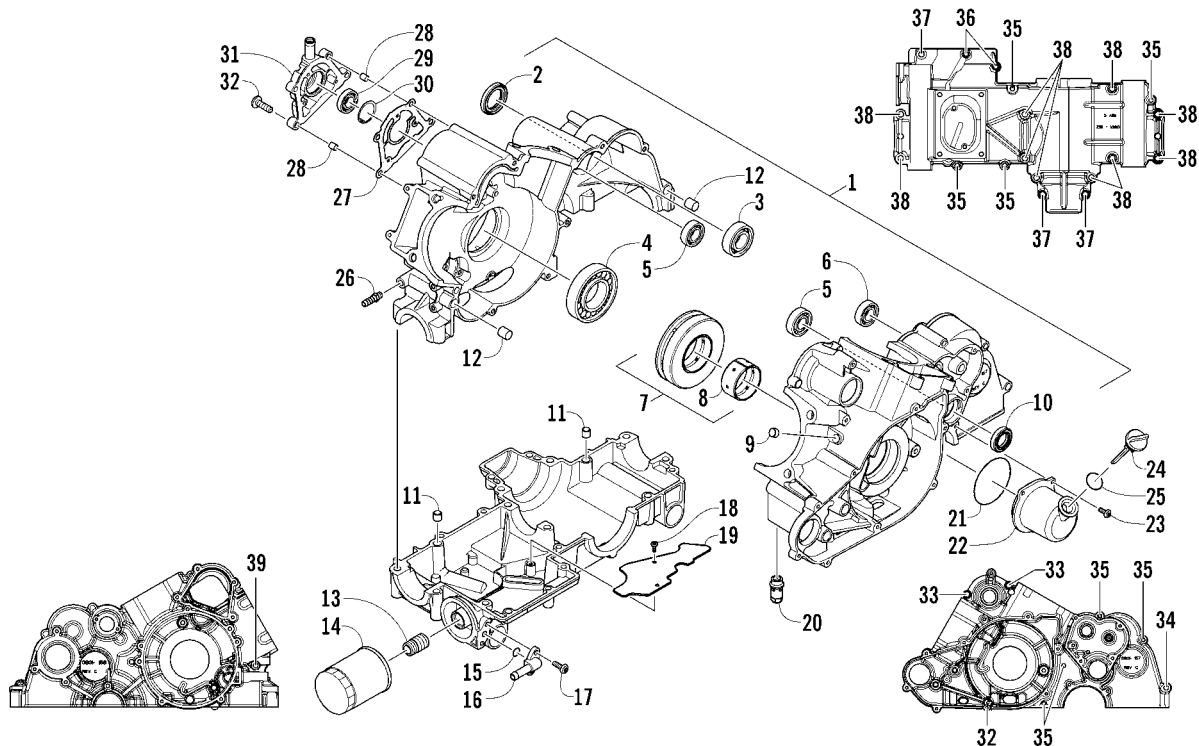
## CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0746-494

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-216	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	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	0809-230	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



Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0810-001		2	Chain, Cam	6	0830-134		2	Gasket
2	0810-069		2	Guide, Chain	7	8468-620		4	Screw, Machine
3	0810-070		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					

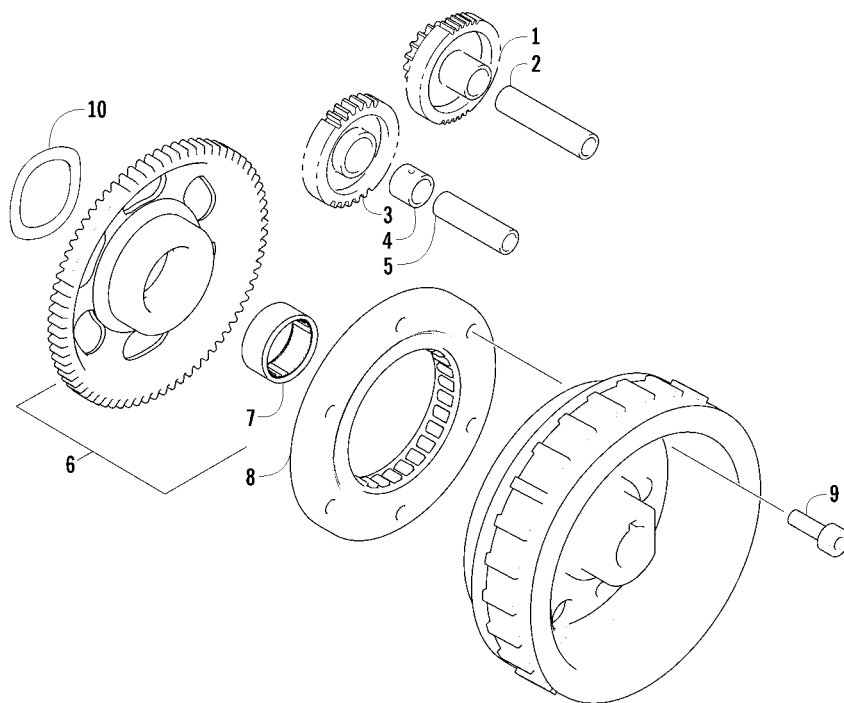


## CRANKCASE ASSEMBLY

0747-129

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-211	X	1	Crankcase - Assembly (inc. 2-13)	21	0830-162		1	O-Ring, Oil Filler Cover
2	0830-035		1	● Seal, Driveshaft	22	0812-081		1	Cover, Oil Filler
3	0832-048		1	● Bearing	23	8468-616		3	Screw, Machine
4	0832-042		1	● Bearing	24	0801-179		1	Stick, Oil Level
5	0832-050		2	● Bearing	25	0830-010		1	O-Ring
6	0832-049		1	● Bearing	26	0812-078		1	Fitting, Oil - Threaded
7	0832-055		1	● Bearing - Assembly (inc. 8)	27	0830-191		1	Gasket, Breather
8	0832-057		1	● ● Bearing	28	0829-048		2	Pin, Dowel
9	0801-002		1	● Plug, Engine Case	29	0832-084		1	Bearing
10	0822-052		1	● Seal, Countershaft - Right	30	0831-086		1	Circlip
11	0829-003		2	● Pin, Dowel	31	0801-193		1	Cover, Breather
12	0829-002		2	● Pin, Dowel	32	8468-625		5	Screw, Machine
13	0812-008		1	● Union, Oil Filter	33	8468-630		2	Screw, Machine
14	0812-029		1	Filter, Oil	34	8412-875		1	Screw, Cap
15	0830-172		1	O-Ring	35	8468-660		8	Screw, Machine
16	0812-060		1	Fitting, Oil	36	8468-640		2	Screw, Machine
17	8468-616		2	Screw, Machine	37	8412-830		3	Screw, Cap
18	0623-914		2	Screw, Self-Tapping	38	8412-860		10	Screw, Cap
19	0812-079		1	Plate, Oil Sump	39	8412-850		1	Screw, Cap
20	0812-052		1	Valve, Oil-Relief - Assembly					

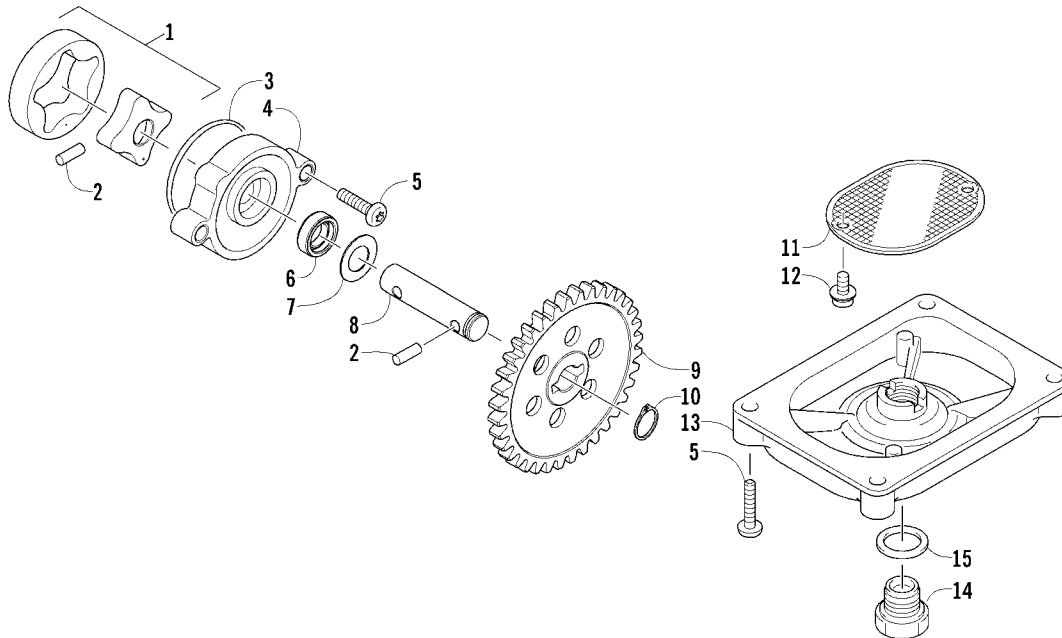
34



## STARTER CLUTCH ASSEMBLY

0745-071

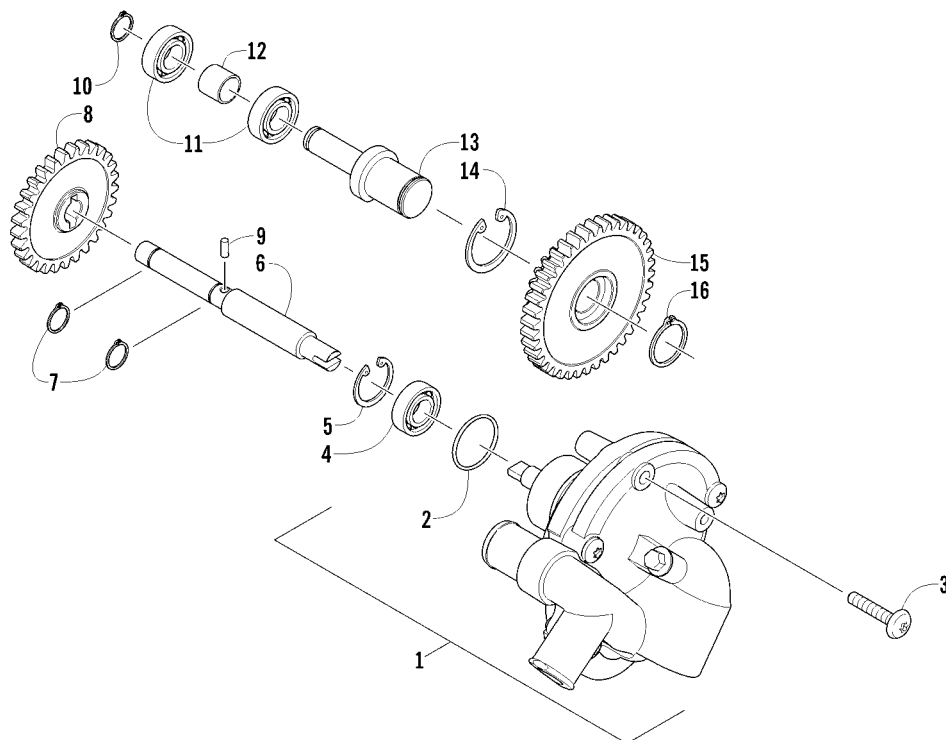
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0815-026		1	Gear, Starter Idler - No. 1	6	0815-004		1	Gear, Starter Clutch (inc. 7)
2	0829-031		1	Shaft, Starter Gear	7	0832-079		1	● Bearing
3	0815-002		1	Gear, Starter Idler - No. 2	8	0802-035		1	Clutch, Starter
4	0815-003		1	Spacer, Starter Idler Gear No. 2	9	0826-069		6	Screw, Cap
5	0829-032		1	Shaft, Starter Gear	10	0828-113		1	Washer, Wave



## OIL PUMP ASSEMBLY

0746-500

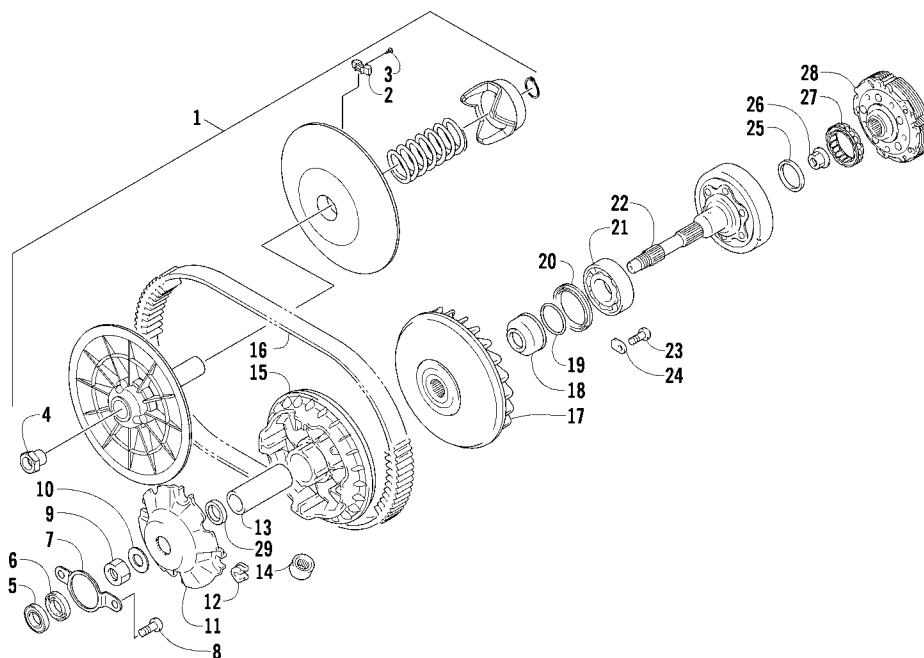
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0812-041		1	Gerotor - Set	9	0812-045		1	Gear, Driven
2	0829-009		2	Pin, Dowel	10	0831-002		1	Ring, Retaining
3	0812-048		1	O-Ring	11	0812-057		1	Strainer, Oil
4	0812-040		1	Housing, Oil Pump	12	0826-040		2	Screw, Machine
5	8468-625		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

0745-053

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-059	1		Pump, Water - Assembly (inc. 2)	9	0829-009	1		Pin, Dowel
2	0830-029	1		● O-Ring	10	0831-002	1		Ring, Retaining
3	8468-650	2		Screw, Machine	11	0832-046	2		Bearing
4	0832-084	1		Bearing	12	0813-028	1		Spacer, Idler - Water Pump
5	0831-086	1		Circlip	13	0813-026	1		Shaft, Water Pump Idler Gear
6	0813-041	1		Shaft, Driven Gear	14	0831-004	1		Ring, Retaining
7	0831-010	2		Ring, Retaining	15	0813-027	1		Gear, Idler - Water Pump - Drive
8	0813-043	1		Gear, Driven	16	0831-040	1		Ring, Retaining

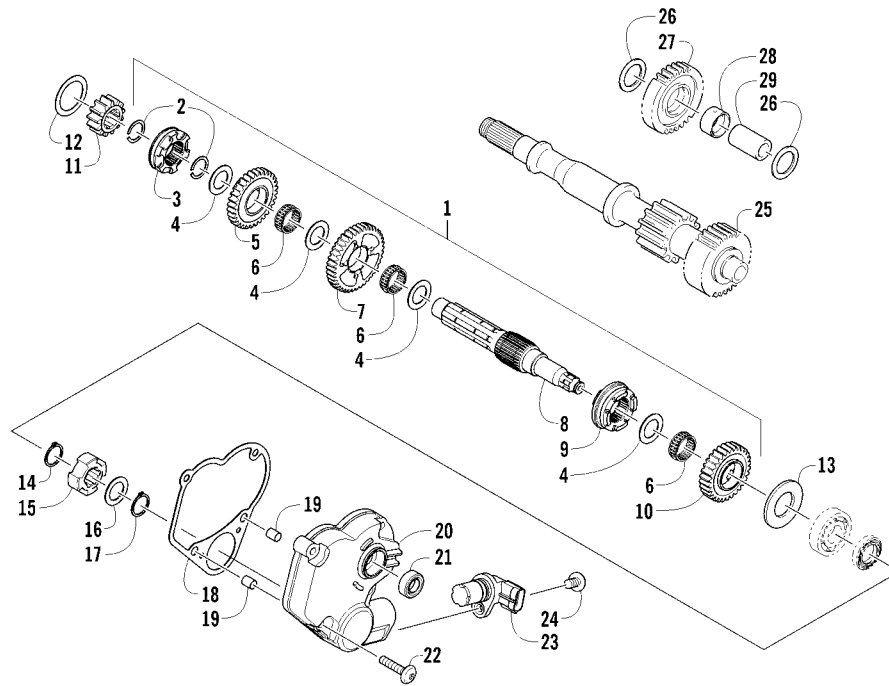


## TRANSMISSION ASSEMBLY

0744-238

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-353		1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-231		1	Belt, Drive
2	0823-176		3	● Shoe, Cam	17	0823-272		1	Face, Fixed Drive
3	0823-177		3	● Screw, Machine	18	0823-015		1	Spacer, Fixed Drive Face
4	0823-178		1	● Nut, Driven Pulley	19	0470-531		1	O-Ring
5	0832-010		1	Bearing	20	0830-188		1	Seal, Clutch Housing - Right
6	0830-176		1	Seal	21	0832-009		1	Bearing
7	0823-020		1	Retainer, Bearing	22	0821-002		1	Housing, Clutch
8	0826-031		2	Screw, Machine	23	0826-029		2	Screw, Machine
9	0827-010		1	Nut	24	0822-010		2	Retainer, Bearing
10	0828-106		1	Washer	25	0830-189		1	Seal, Clutch Housing - Left
11	0823-276		1	Plate, Movable Drive Face	26	0827-011		1	Nut
12	0823-277		4	Damper, Movable Drive Face	27	0823-018		1	Clutch, One-Way
13	0823-358		1	Spacer, Movable Drive Face	28	0823-310		1	Clutch, Centrifugal - 6 Plate
14	0823-170		8	Roller, Movable Drive Face	29	0823-292		1	Spacer
15	0823-273		1	Face, Movable Drive					

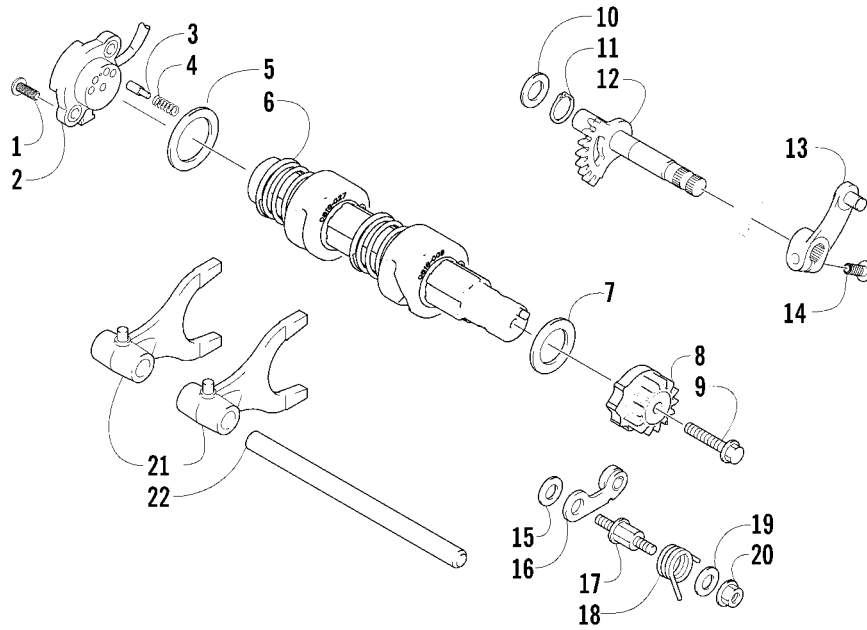




## SECONDARY TRANSMISSION ASSEMBLY

0745-540

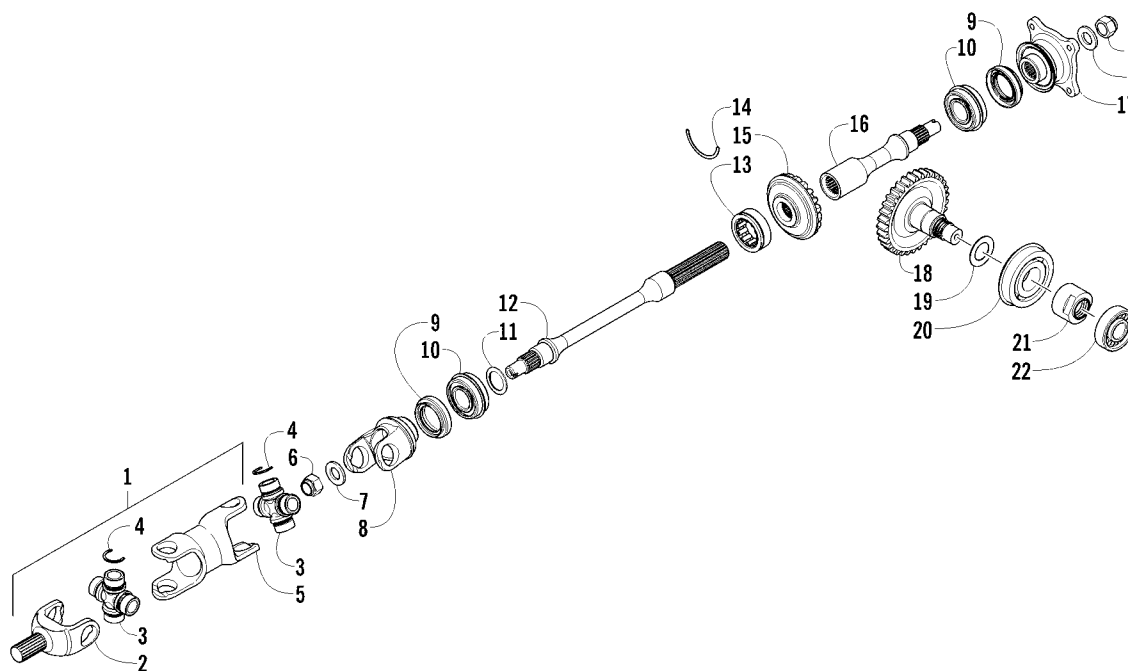
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124	1	1	Countershaft Assembly (inc. 2-10)	16	0828-069	1	1	Washer, Thrust
2	0831-085	2	2	● Ring, Retaining	17	0831-039	1	1	Ring, Retaining
3	0822-120	1	1	● Gear Select, Reverse	18	0830-194	1	1	Gasket
4	0822-121	4	4	● Shim	19	0829-048	2	2	Pin, Dowel
5	0822-119	1	1	● Gear, Reverse Driven	20	0806-105	1	1	Housing, Speedometer Sensor
6	0832-082	3	3	● Bearing	21	0830-044	1	1	Seal
7	0822-114	1	1	● Gear, Driven - Low	22	8468-630	4	4	Screw, Machine
8	0822-113	1	1	● Countershaft	23	0824-042	1	1	Sensor, Speedometer
9	0822-116	1	1	● Gear Select, Sliding	24	8468-620	1	1	Screw, Machine
10	0822-115	1	1	● Gear, Driven - High	25	0822-001	1	1	Driveshaft
11	0822-125	1	1	Gear, Drive	26	0828-016	2	2	Washer, Thrust
12	0828-019	1	1	Washer, Thrust	27	0822-011	1	1	Gear, Reverse Idle
13	0828-011	1	1	Washer	28	0822-012	1	1	Bushing
14	0831-040	1	1	Ring, Retaining	29	0822-015	1	1	Shaft, Reverse Idle
15	0822-050	1	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		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

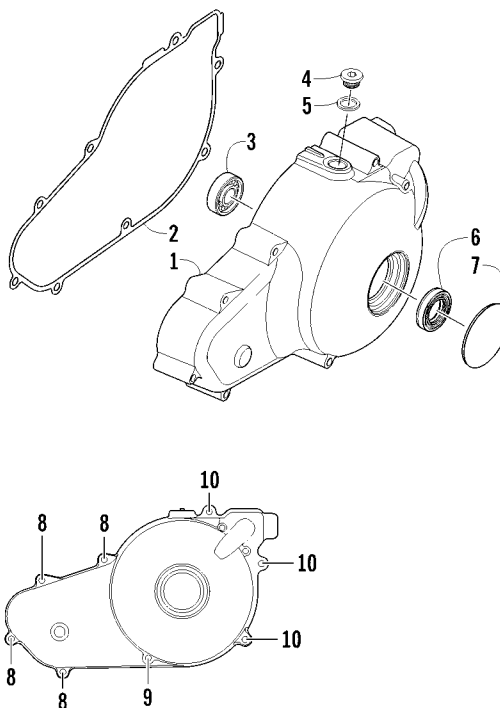


## SECONDARY DRIVE ASSEMBLY

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	0819-115		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		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

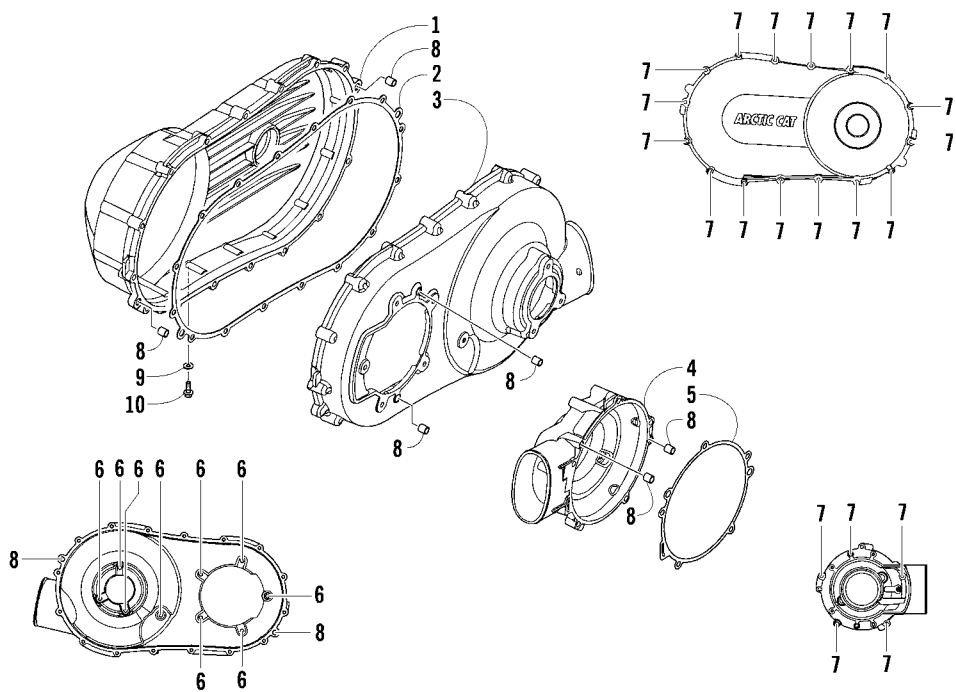
42



## MAGNETO SIDE ENGINE COVERS

0745-061

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	1	Cover, Outside	6	8468-616	9	9	Screw, Machine
2	0830-137	1	1	Gasket, Cover	7	8468-630	21	21	Screw, Machine
3	0806-110	1	1	Cover, Inside	8	0829-048	6	6	Pin, Dowel
4	0806-109	1	1	Cover, Clutch	9	0830-013	1	1	Washer, Crush
5	0830-133	1	1	Gasket, Clutch Cover	10	8408-812	1	1	Screw, Cap

