

2010

Illustrated Parts Manual

1000 TRV Cruiser



Model Number A2010TCW4EUSA (Metallic Cat Green)

Model Number A2010TCW4EOSA (Metallic Cat Green - International)

ARCTIC CAT[®]
SHARE OUR PASSION.[™]

TABLE OF CONTENTS

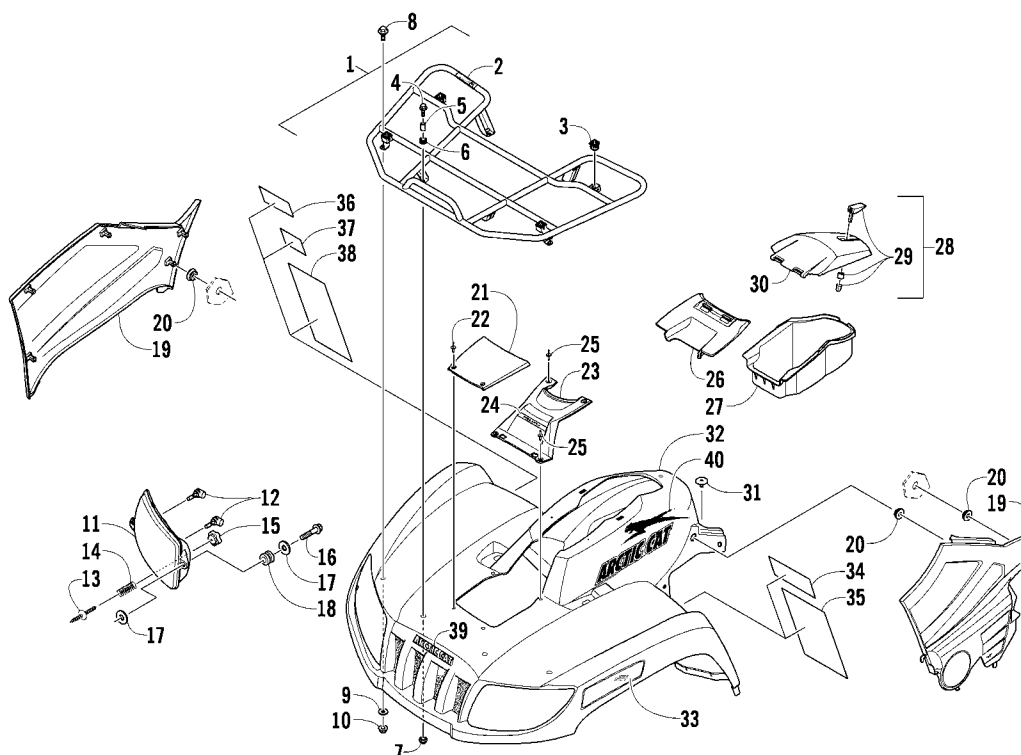
2010 ATV 1000 TRV Cruiser

Metallic Cat Green (Model No. A2010TCW4EUSA)

Metallic Cat Green - International (Model No. A2010TCW4EOSA)

FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES	1
REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES	2
FRAME AND RELATED PARTS	3
WINCH ASSEMBLY	4
TAILLIGHT ASSEMBLY	5
SEAT ASSEMBLY	6
PASSENGER SEAT AND BACKREST ASSEMBLY	7
STORAGE BOX ASSEMBLY	8
STEERING ASSEMBLY	9
HANDLEBAR ASSEMBLY	10
INSTRUMENT POD ASSEMBLY	11
WINDSHIELD ASSEMBLY	12
FRONT SUSPENSION ASSEMBLY	13
REAR SUSPENSION ASSEMBLY	14
WHEEL AND TIRE ASSEMBLY	15
HYDRAULIC 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 FILTER/PUMP ASSEMBLY	35
WATER PUMP ASSEMBLY	36
TRANSMISSION ASSEMBLY	37
SECONDARY TRANSMISSION ASSEMBLY	38
GEAR SHIFTING ASSEMBLY	39
SECONDARY DRIVE ASSEMBLY	40
MAGNETO ASSEMBLY	41
MAGNETO SIDE ENGINE COVERS	42
CLUTCH SIDE ENGINE COVERS	43

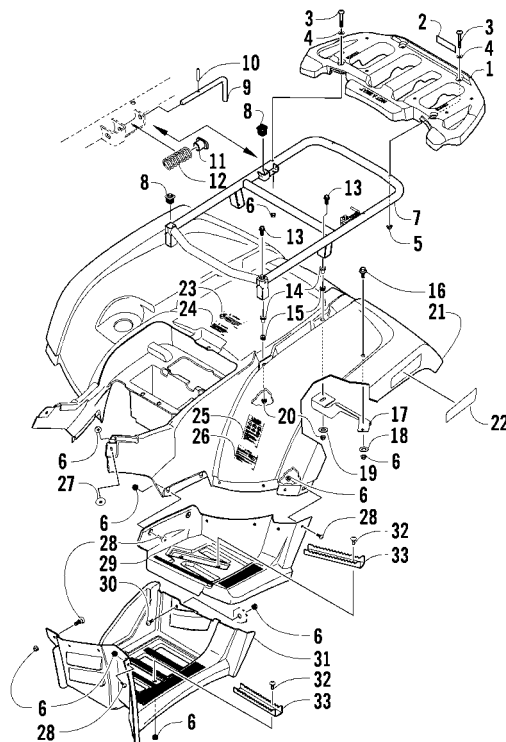
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0744-620

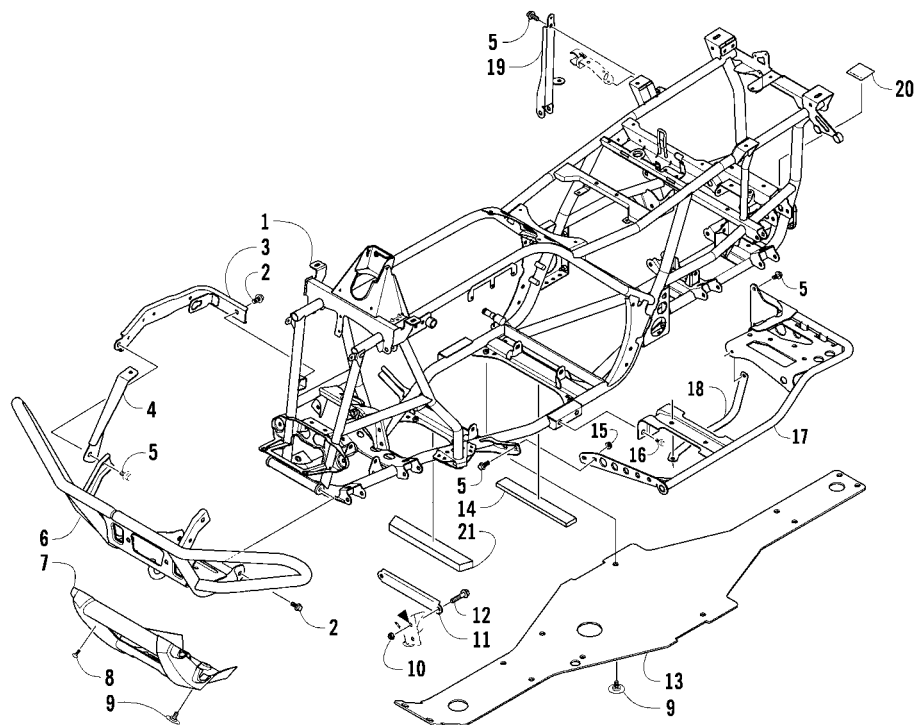
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	22	0423-535		2	Rivet, Reinstallable
2	0411-576		1	● Decal, Warning - Load	23	1406-484		1	Cover, Steering Post
3	0441-592		4	● Bushing	24	1411-050		1	Decal, "Speedrack"
4	8410-830		4	Screw, Cap	25	0623-362		4	Rivet, Reinstallable
5	0423-669		4	Spacer	26	0470-513		1	Cover, Storage Box
6	0423-465		4	Grommet	27	1406-573		1	Box, Storage
7	8432-802		4	Nut, Lock	28	2506-234		1	Lid, Storage Box w/Latch (inc. 29-30)
8	0423-654		2	Screw, Shoulder	29	1406-599		1	● Latch, Storage Box
9	8050-222		2	Washer	30	0470-514		1	● Lid, Storage Box
10	0423-540		2	Nut, Lock	31	0423-101		2	Screw, Shoulder
11	0509-044		1	Headlight Assembly - Right (inc. 12)	32	2516-670	X	1	Panel, Fender - Assembly - Front - Metallic Cat Green (inc. 33-38)
	0509-035		1	Headlight Assembly - Left (inc. 12)	33	0411-818		1	● Decal, Reflector - Right - Amber
12	0409-055		4	● Bulb, Headlight		0411-819		1	● Decal, Reflector - Left - Amber
13	0423-514		2	Stud, Adjuster - Headlight	34	1411-574		1	● Decal, Warning - Off-Road Only
14	0423-522		2	Spring, Adjuster	35	2411-122	X	1	● Decal, Warning - General/Age
15	0423-513		2	Knob, Adjuster	36	1411-906		1	● Decal, Warning - Throttle
16	0623-785		4	Screw, Self-Tapping	37	0411-894		1	● Decal, Warning - Turn/Hill
17	8050-217		8	Washer	38	1411-250		1	● Decal, Warning - Reverse/Pre-Ride
18	0423-447		4	Grommet	39	1411-725		1	Decal, Front
19	2406-802		1	Panel, Side - Lower - Right	40	1411-634		1	Decal, Side - Upper Right
	2406-803		1	Panel, Side - Lower - Left		1411-635		1	Decal, Side - Upper Left
20	0423-678		8	Grommet					
21	1406-358		1	Cover, Access					



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0744-241

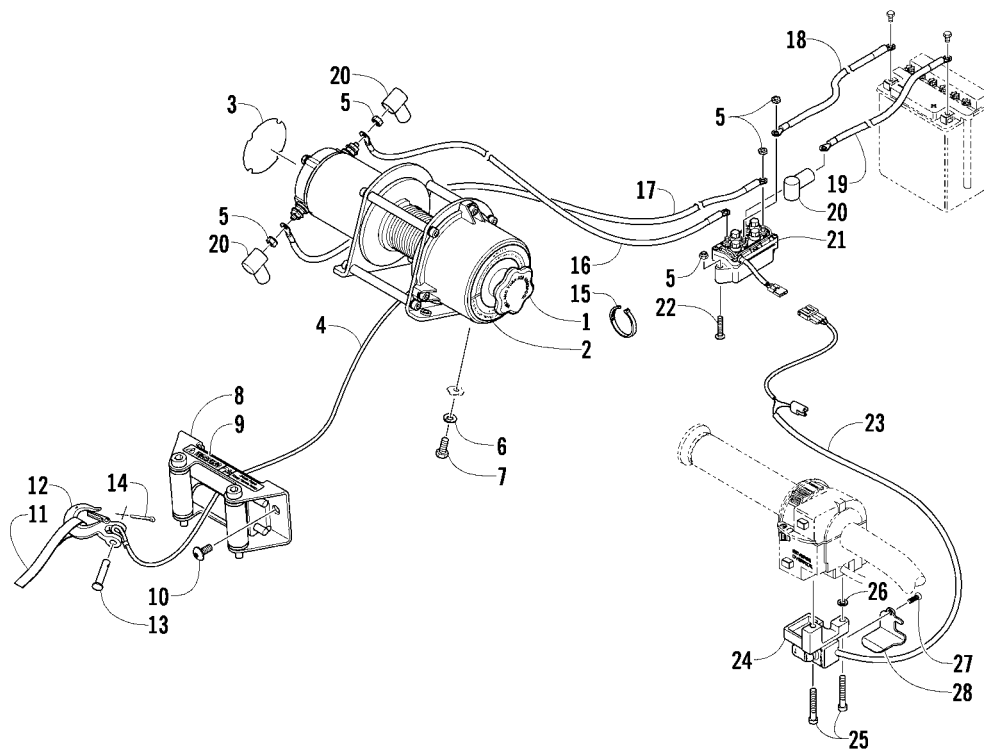
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-339		1	Cover, Rack (inc. 2)	19	0423-087		2	Washer
2	1411-201		1	● Decal, Warning - Load	20	8432-802		4	Nut, Lock
3	8410-640		4	Screw, Cap	21	2516-810	X	1	Fender, Rear - Assembly - Metallic Cat Green (inc. 22-26)
4	8050-223		4	Washer	22	1411-592		1	● Decal, Reflector - Right - Red
5	0423-891		2	Nut, Cap		1411-593		1	● Decal, Reflector - Left - Red
6	0423-540		38	Nut, Lock	23	1411-269		1	● Decal, Warning - Passenger
7	2516-169		1	Rack, Rear - Assembly (inc. 8-12)	24	1411-251		1	● Decal, Warning - Passenger Seat
8	0441-592		4	● Bushing	25	1411-956		1	● Decal, Warning - Passenger Safety
9	0541-504		2	● Pin - Assembly (inc. 10-12)	26	2411-176	X	1	● Decal, Warning - Tire Pressure
10	0423-635		2	●● Pin, Roll	27	0423-101		2	Screw, Shoulder
11	0423-677		2	●● Bushing, Flanged	28	0423-419		22	Screw, Machine
12	0423-636		2	●● Spring	29	2406-042		1	Footwell, Rear - Right
13	8410-835		4	Screw, Cap		2406-043		1	Footwell, Rear - Left
14	0423-669		4	Spacer	30	8477-620		2	Screw, Machine
15	0423-465		4	Grommet	31	2506-856		1	Footwell - Right
16	0423-654		2	Screw, Shoulder		2506-857		1	Footwell - Left
17	2506-092		1	Bracket, Rear Fender - Right	32	0423-355		8	Screw, Shoulder
	2506-093		1	Bracket, Rear Fender - Left	33	1506-125		4	Footpeg
18	8050-222		2	Washer					



FRAME AND RELATED PARTS

0744-080

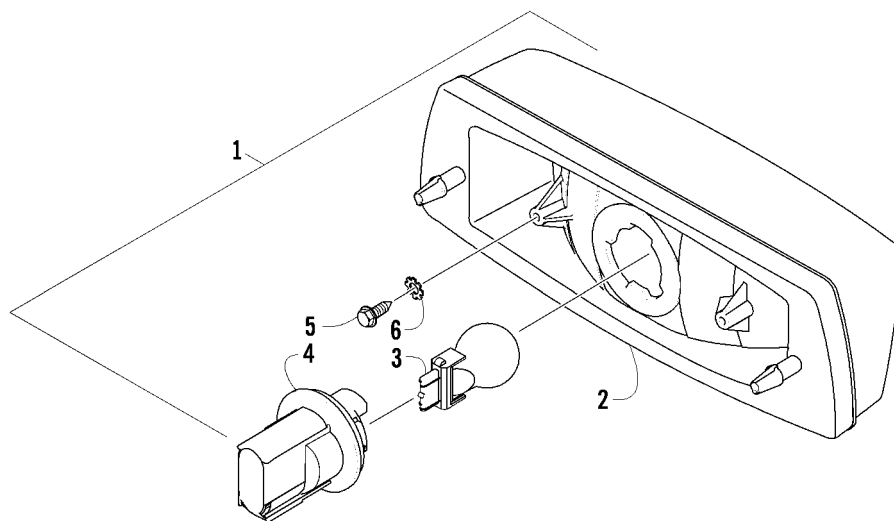
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	2506-769	1	Frame, Main	12	8409-025	2	Screw, Cap
2	8409-020	4	Screw, Cap	13	2406-718	1	Panel, Belly
3	2506-813	1	Channel, Bumper Mounting - Right	14	0406-289	1	Pad, Frame
	2506-285	1	Channel, Bumper Mounting - Left	15	8424-802	4	Nut
4	1506-562	1	Bracket, Mounting - Bumper - Right	16	8409-016	4	Screw, Cap
	1506-563	1	Bracket, Mounting - Bumper - Left	17	2506-776	1	Footrest - Right
5	8408-816	11	Screw, Cap		1506-849	1	Footrest - Left
6	1506-855	1	Bumper	18	2406-788	1	Strap, Footrest - Right
7	1406-360	1	Grille, Bumper		2406-789	1	Strap, Footrest - Left
8	0423-419	2	Screw, Machine	19	2506-447	1	Bracket, Support
9	0423-101	12	Screw, Shoulder	20	1411-077	1	Decal, Warning - Towing
10	0423-744	2	Nut, Lock	21	2506-701	1	Pad, Frame
11	1506-429	1	Brace, A-Arm				



WINCH ASSEMBLY

0744-542

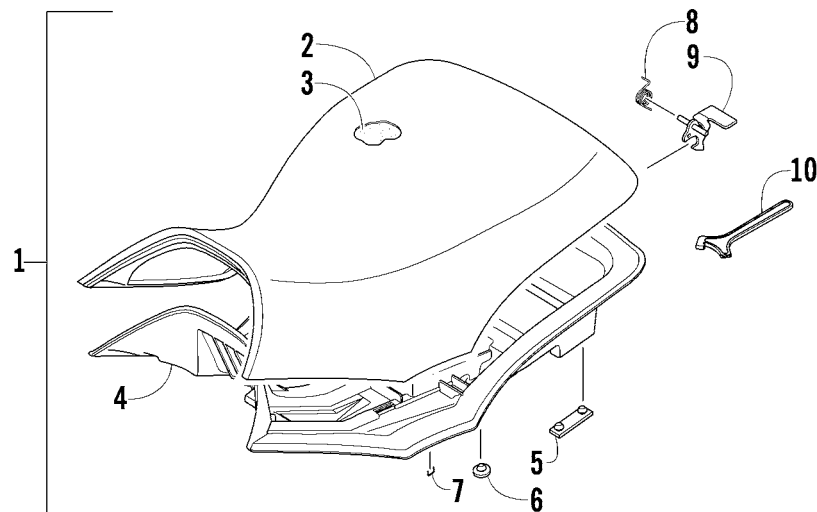
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1441-830	X	1	Winch (inc. 2-4 and two No. 5)	15	0123-903		AR	Tie, Cable - 11.5 in.
2	2411-141	X	1	● Decal, Warning - Tension	16	0445-068		1	Cable, Winch/Solenoid - Yellow
3	2411-140	X	1	● Decal, Warning - Operation	17	0445-069		1	Cable, Winch/Solenoid - Blue
4	1441-831	X	1	● Cable, Winch	18	1441-112		1	Cable, Solenoid/Battery - Black
5	0623-038		8	● Nut w/Washer	19	0445-087	X	1	Cable, Solenoid/Battery - Red
6	8051-246		4	Washer, Lock	20	0645-019		3	Boot, Terminal
7	8408-820		4	Screw, Cap	21	0409-066		1	Solenoid
8	0441-403		1	Roller, Winch (inc. 9)	22	8476-625		2	Screw, Machine
9	0411-474		1	● Decal, Warning - Pinch Point	23	0409-087		1	Switch, Control
10	8468-820		2	Screw, Machine	24	0409-034		1	Retainer, Control Switch
11	1441-781		1	Strap	25	8464-560		2	Screw, Machine
12	1441-833	X	1	Hook, Winch	26	0423-593		1	Washer
13	1441-834	X	1	Pin	27	0423-382		1	Screw, Self-Tapping
14	0623-175		1	Pin, Cotter	28	0409-106		1	Cover, Switch



TAILLIGHT ASSEMBLY

0739-667

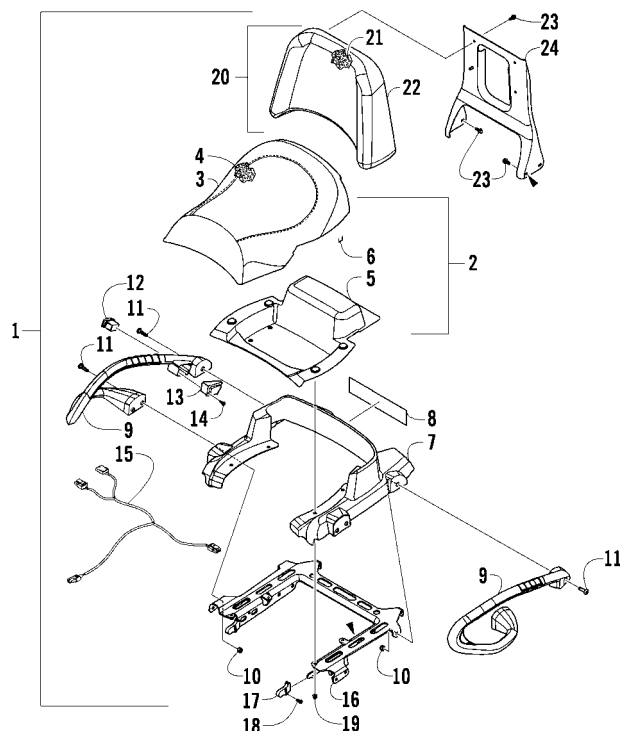
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0509-022		1	Taillight Assembly (inc. 2-4)	4	0409-057		1	● Socket, Taillight
2	0509-025		1	● Housing, Taillight	5	0623-301		2	Screw, Self-Tapping
3	0409-056		1	● Bulb, Taillight	6	8053-212		2	Washer, External Tooth Lock



SEAT ASSEMBLY

0744-621

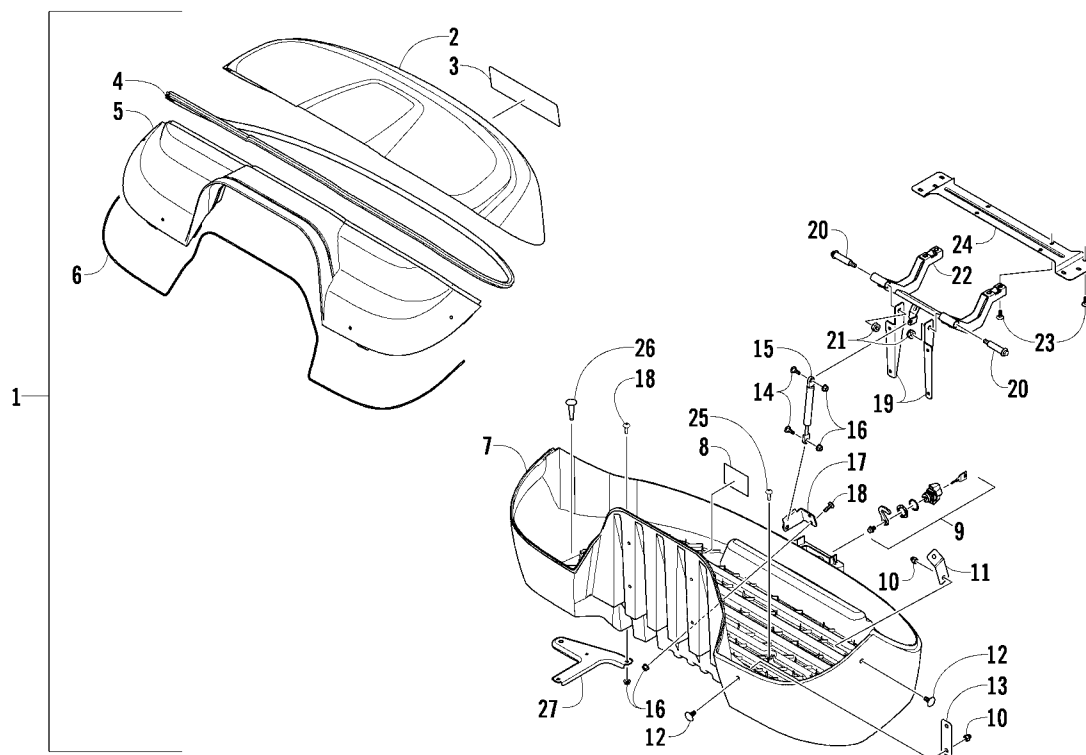
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-384		1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	2506-756		1	● Cover, Seat	7	0624-528		AR	● Staple
3	2506-755		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2406-525		1	● Base, Seat - Assembly (inc. 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

0744-688

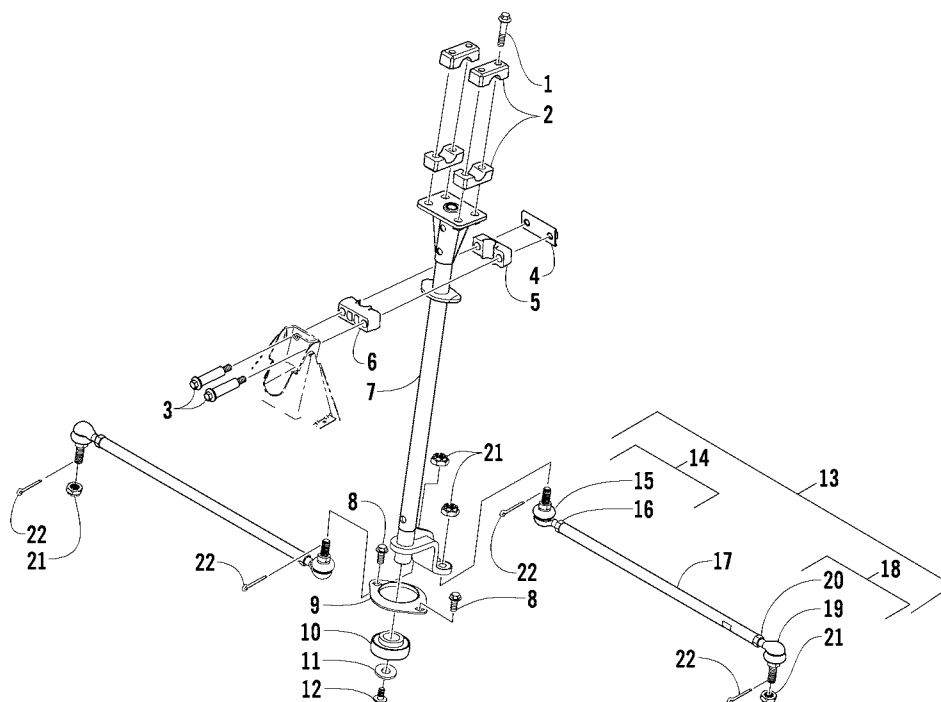
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-938		1	Seat, Passenger - Assembly (inc. 2-19)	12	0409-126		1	● Switch, Handwarmer
2	2506-940		1	● Seat, Passenger - Sub-Assembly (inc. 3-6)	13	2416-042		1	● Cover, Switch
3	2506-944		1	●● Cover, Seat - Passenger	14	0423-342		2	● Screw, Self-Tapping
4	2506-942		1	●● Foam, Seat - Passenger	15	0486-318		1	● Harness, Adapter - Handwarmer
5	2406-110		1	●● Base, Seat - Inner	16	2516-040		1	● Bracket, Seat Support - Assembly
6	0624-263	AR		●● Staple	17	2406-895		2	● End Cap, Seat Support
7	2406-044		1	● Base, Seat - Passenger	18	0423-538		2	● Screw, Self-Tapping
8	0411-814		1	● Decal, "Arctic Cat"	19	8427-602		4	● Nut, Lock
9	2406-744		1	● Handhold, Passenger - Right	20	2506-806		1	Backrest Assembly (inc. 21-22)
	2406-745		1	● Handhold, Passenger - Left	21	2406-765		1	● Foam, Backrest
10	8432-802		6	● Nut, Lock	22	2406-768		1	● Cover, Backrest
11	8468-830		6	● Screw, Machine	23	8408-816		8	Screw, Cap
					24	2506-955		1	Bracket, Backrest Support



STORAGE BOX ASSEMBLY

0744-644

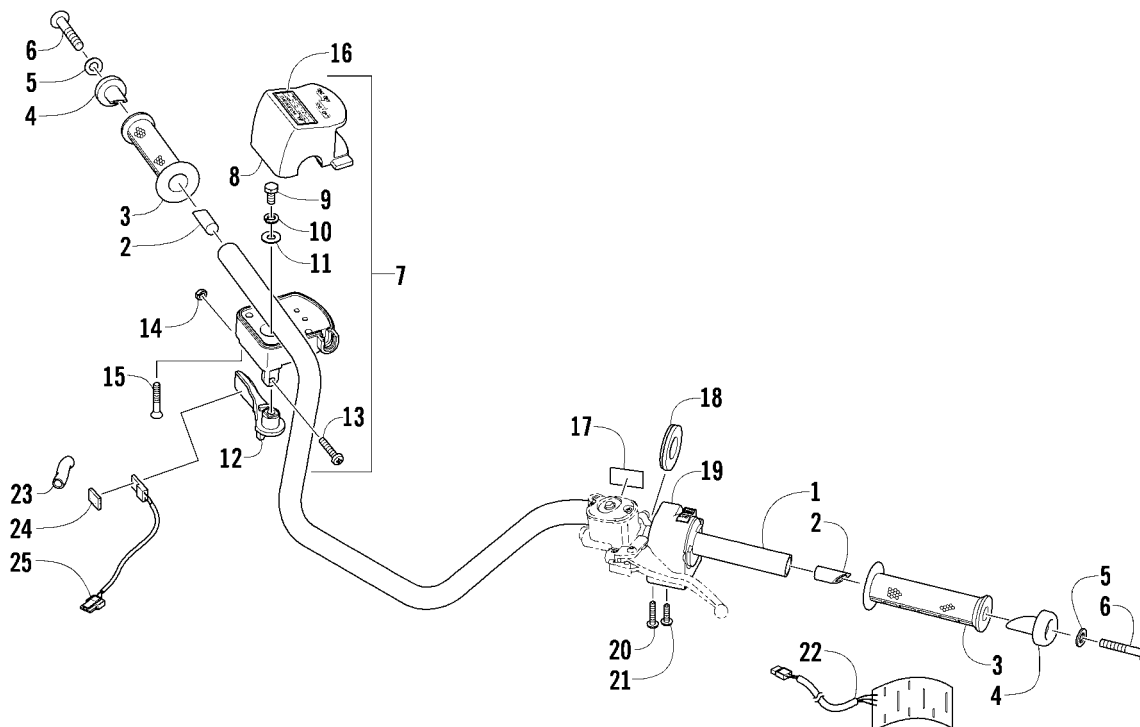
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-524	X	1	Box, Storage - Assembly - Metallic Cat Green (inc. 2-24)	15	2416-198	X	1	● Support, Lid
2	2516-548	X	1	● Lid, Storage Box - Metallic Cat Green	16	0423-540		6	● Nut, Lock
3	1411-725		1	● Decal, "Arctic Cat"	17	2516-511	X	1	● Bracket, Mounting - Lid Support
4	2406-787		1	● Seal, Storage Box Lid	18	8477-620		5	● Screw, Machine
5	2516-261		1	● Top, Storage Box - Metallic Cat Green	19	2416-194	X	1	● Bracket, Support - Hinge - Right
6	2406-793		1	● Seal, Storage Box Top		2416-195	X	1	● Bracket, Support - Hinge - Left
7	2516-533	X	1	● Bottom, Storage Box (inc. 8)	20	0423-505		2	● Screw, Shoulder
8	1411-877		1	● Decal, Warning - Storage Box	21	8432-802		2	● Nut, Lock
9	2416-209	X	1	● Latch, Storage Box Lid	22	2516-514		1	● Hinge, Lid
10	0423-901		8	● Nut, Cap	23	8477-616		10	● Screw, Machine
11	2516-117		2	● Plate, Retaining	24	2516-555	X	1	● Brace, Lid - Storage Box
12	0423-895		8	● Bolt, Carriage	25	0423-889		10	Screw, Machine
13	2516-116		2	● Plate, Retaining	26	2406-843		4	Plug
14	0423-355		2	● Screw, Shoulder	27	2506-926		1	Bracket, Mounting - Safety Flag



STEERING ASSEMBLY

0742-327

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-860		4	Screw, Cap	14	0505-511		2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 15-16)
2	0405-035		4	Cap, Steering Adjuster	15	—		2	●● End, Tie Rod - Left-Hand Thread - Not a Service Part
3	0423-505		2	Screw, Shoulder	16	0423-013		2	●● Nut - Left-Hand Thread
4	0505-484		1	Cap, Housing	17	0405-281		2	● Tie Rod
5	0405-138		1	Housing, Lower	18	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 19-20)
6	0405-139		1	Housing, Upper	19	—		2	●● End, Tie Rod - Right-Hand Thread - Not a Service Part
7	0505-451		1	Post, Steering	20	8420-002		2	●● Nut - Right-Hand Thread
8	8408-816		2	Screw, Cap	21	0423-157		4	Nut, Lock
9	0602-233		1	Flange, Bearing	22	0623-175		4	Pin, Cotter
10	0405-052		1	Bearing w/Inverted Oil Seal					
11	0423-073		1	Washer					
12	8409-020		1	Screw, Cap					
13	0505-499		2	Tie Rod - Assembly (inc. 14-20)					



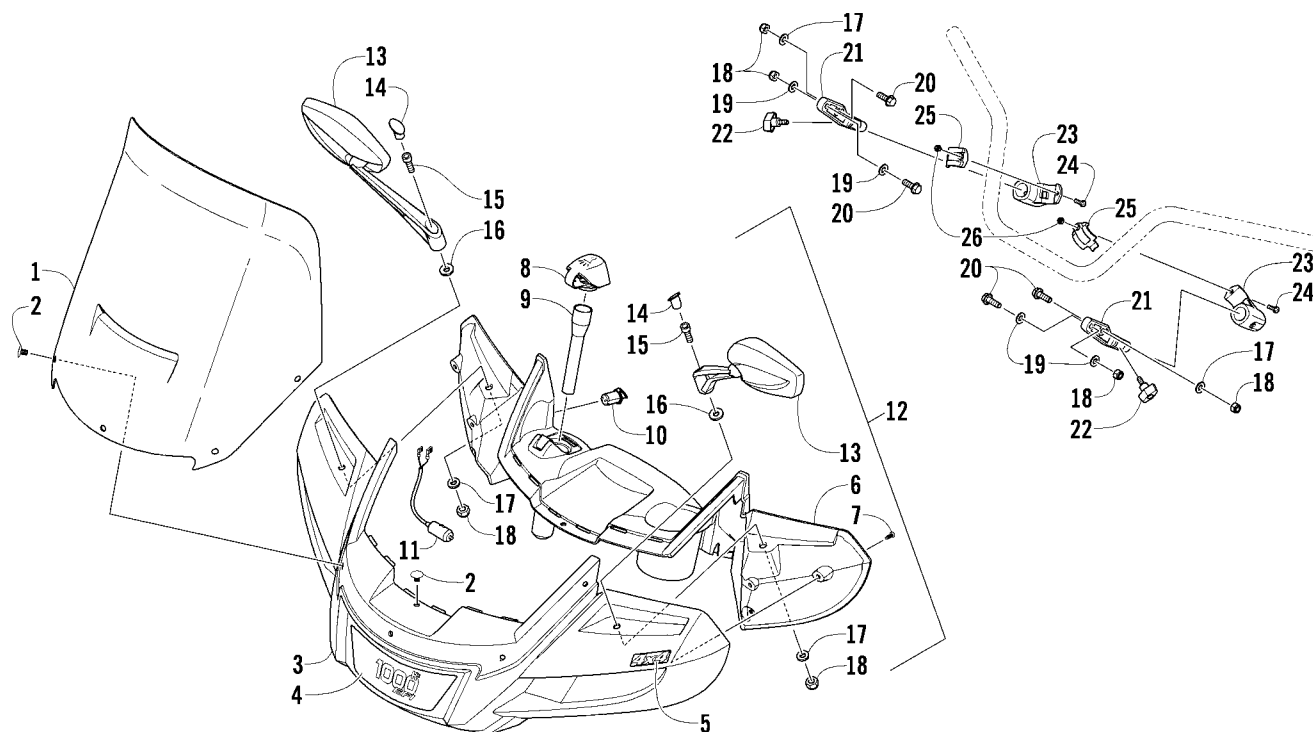
HANDLEBAR ASSEMBLY

0744-647

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-418		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	1411-865		1	Decal, Warning - Brake Lever Lock
5	8050-247		2	Washer	18	3409-019		1	Cover, Switch Housing
6	8477-845		2	Screw, Machine	19	0509-014		1	Switch, Control - Assembly (inc. 20-21)
7	0509-054	X	1	Case, Throttle - Assembly (inc. 8-15)	20	0409-028		1	● Screw, Machine
8	0409-141	X	1	● Cover, Throttle Case w/Switch	21	0409-027		1	● Screw, Machine
9	3007-392		1	● Screw, Cap	22	0609-800		2	Element, Handwarmer
10	3004-447		1	● Washer, Lock	23	0441-498		1	Tube, Shrink
11	3003-030		1	● Washer	24	0617-248		1	Pad, Insulator
12	0409-133	X	1	● Lever, Throttle	25	0409-134	X	1	Element, Thumbwarmer
13	3423-014		1	● Screw, Machine					

0744-650

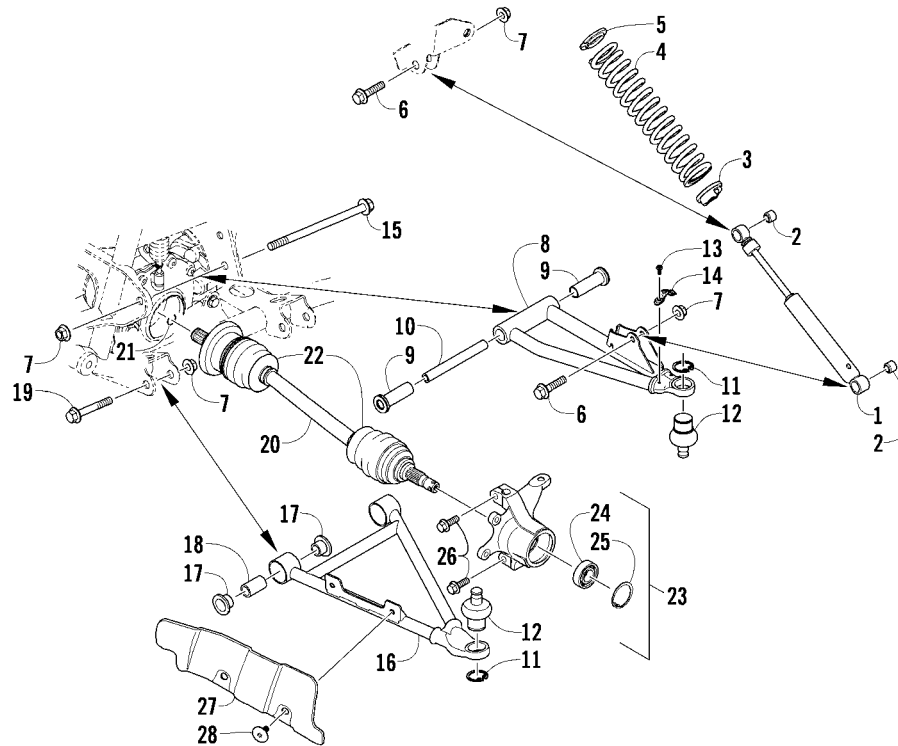
11



WINDSHIELD ASSEMBLY

0744-231

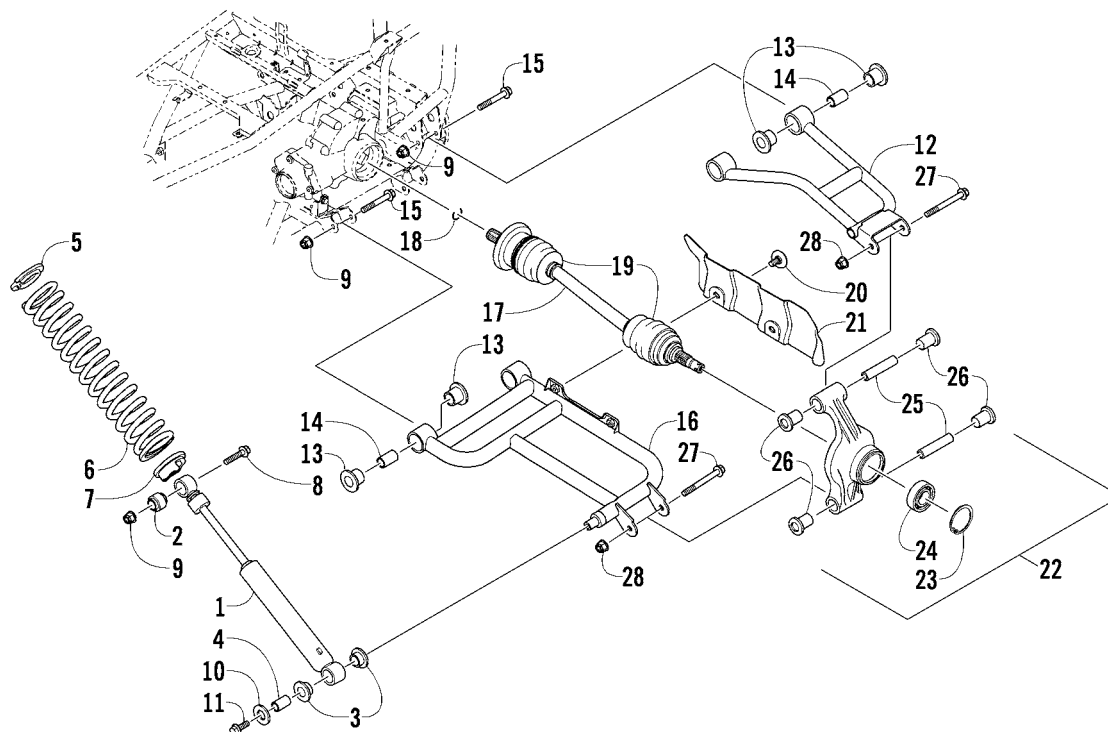
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0405-384	X	1	Windshield	14	0423-952		2	● Plug
2	0423-767		6	Clip, Retaining	15	8440-835		2	● Screw, Cap
3	0505-619	X	1	Base, Windshield - Metallic Cat Green	16	0423-951		2	● Washer, Rubber
4	1411-987		1	Decal, Base - 1000 EFI	17	8450-128		4	● Washer
5	1411-989		1	Decal, Base - "4x4"	18	8431-803		6	● Nut
6	0405-332		1	Console - Black	19	0423-948		4	Washer
7	0423-950		6	Screw, Self-Tapping	20	0423-949		4	Screw, Cap
8	0405-353		1	Cover, Flashlight	21	0405-352		2	Pin, Mounting - Tapered
9	1441-839		1	Flashlight	22	1441-624		2	Knob, Adjuster
10	0641-897		1	Outlet, Accessory - 12V	23	0405-350		2	Clamp, Handlebar
11	0486-319		1	Adapter, Harness - Outlet Accessory	24	8471-520		2	Screw, Machine
12	1436-326		1	Kit, Mirror (inc. 13-16 and two No. 17-18)	25	0405-351		2	Cap, Handlebar Clamp
13	0405-322		1	● Mirror - Right	26	8431-503		2	Nut, Lock
	0405-323		1	● Mirror - Left					



FRONT SUSPENSION ASSEMBLY

0744-483

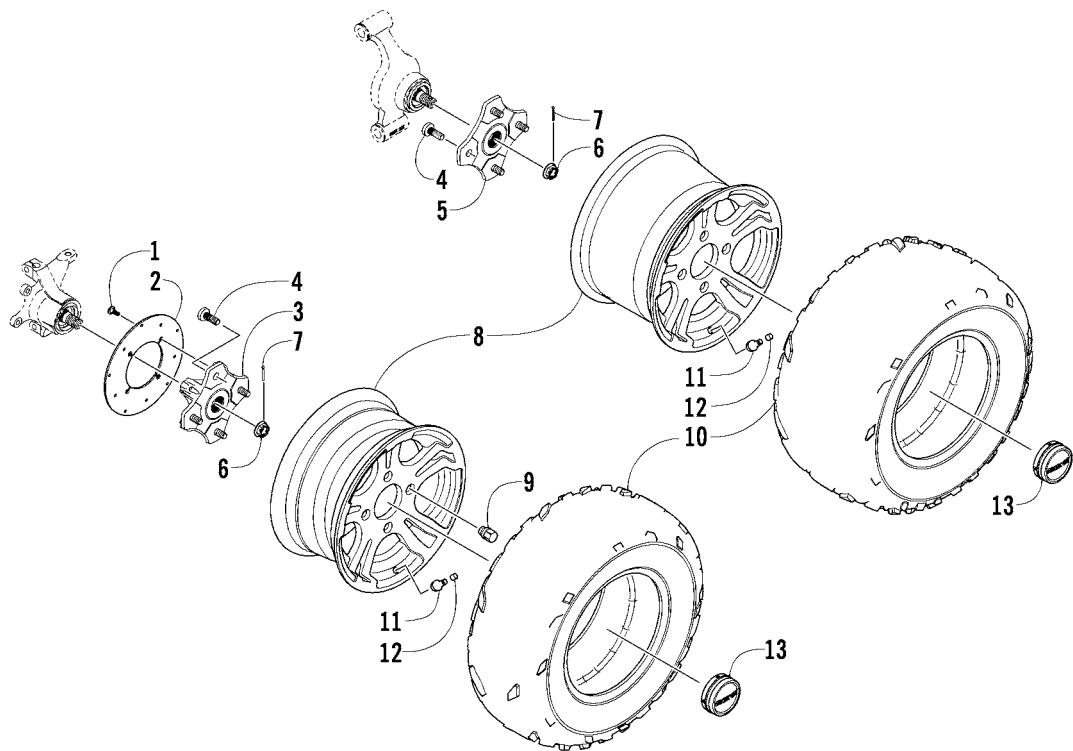
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-209		2	Shock Absorber (inc. 2)	17	0403-208	X	8	● Bushing
2	0403-182		4	● Bushing	18	0403-214	X	4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-354		2	Spring, Suspension - Platinum	20	1502-344		1	Axle, Drive - Right (inc. 21-22)
5	1603-889		2	Retainer, Spring		1502-345		1	Axle, Drive - Left (inc. 21-22)
6	8409-040		4	Screw, Cap	21	0423-844		2	● Clip, Retaining
7	0423-744		10	Nut, Lock	22	0436-276		2	● Repair Kit, Boot
8	0503-420	X	1	A-Arm, Upper Right - Platinum (inc. 9-12)	23	0505-578		1	Knuckle - Assembly - Right (inc. 24-25)
	0503-421	X	1	A-Arm, Upper Left - Platinum (inc. 9-12)		0505-579		1	Knuckle - Assembly - Left (inc. 24-25)
9	0403-207	X	4	● Bushing	24	1402-809		2	● Bearing
10	0403-080		2	● Axle	25	0423-423		2	● Ring, Retaining
11	0423-009		4	● Ring, Retaining	26	8409-030		4	Screw, Cap
12	0405-115		4	● Ball Joint	27	1406-034		1	Guard, Boot - Right - Black
13	0423-946	X	4	Screw, Self-Tapping		1406-035		1	Guard, Boot - Left - Black
14	1502-594	X	2	Clamp, Routing	28	0423-545		4	Screw, Shoulder
15	0423-334		2	Screw, Cap					
16	0503-380		1	A-Arm, Lower Right - Platinum (inc. 17-18 and two No. 11-12)					
	0503-381		1	A-Arm, Lower Left - Platinum (inc. 17-18 and two No. 11-12)					



REAR SUSPENSION ASSEMBLY

0744-446

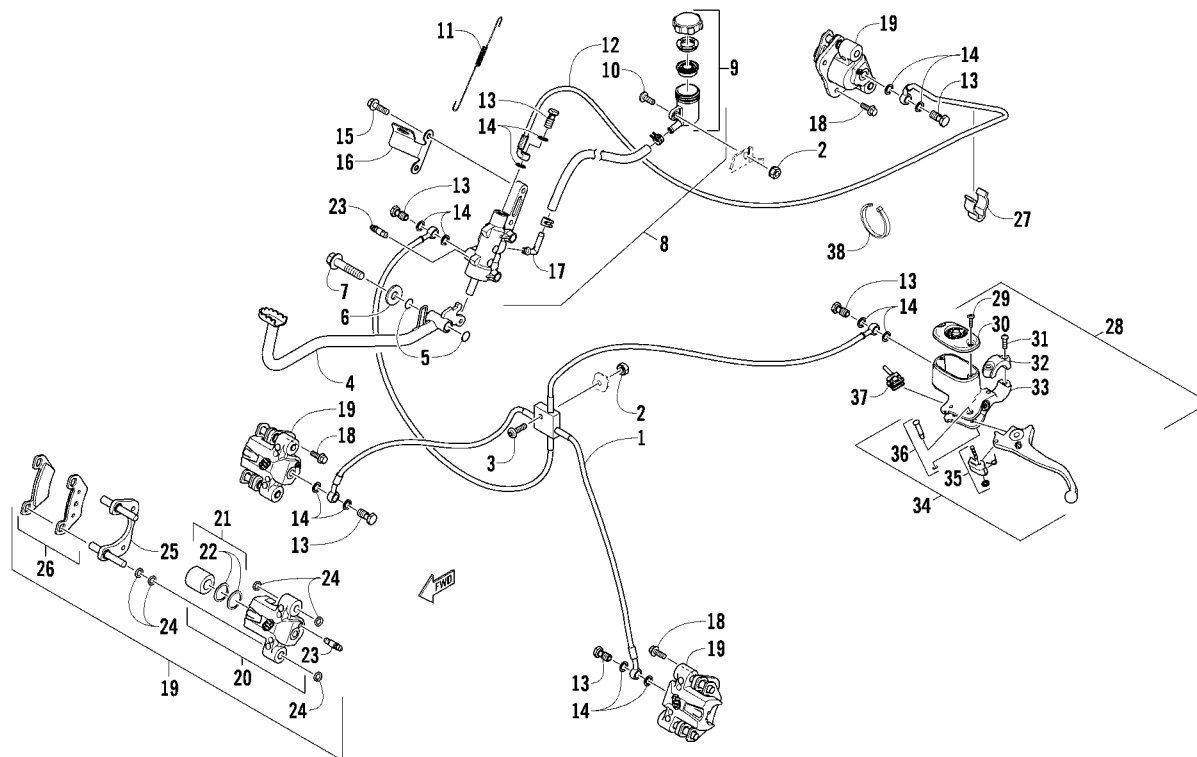
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)	17	1502-343		2	Axle, Drive (inc. 18-19)
2	0403-182		2	● Bushing	18	0423-845		2	● Clip, Retaining
3	0603-955		4	● Bushing	19	0436-276		2	● Repair Kit, Boot
4	1603-219		2	● Sleeve	20	0423-545		4	Screw, Shoulder
5	1603-889		2	Retainer, Spring	21	1406-068		1	Guard, Boot - Rear - Right - Black
6	0504-543		2	Spring, Suspension - Platinum		1406-069		1	Guard, Boot - Rear - Left - Black
7	0404-057		2	Cam, Spring Adjuster	22	0504-550		1	Knuckle, Right Rear - Assembly
8	8409-050		2	Screw, Cap					(inc. 23-26)
9	0423-744		10	Nut, Lock		0504-551		1	Knuckle, Left Rear - Assembly
10	0423-087		2	Washer					(inc. 23-26)
11	8408-820		2	Screw, Cap	23	0423-423		2	● Ring, Retaining
12	0504-586		1	A-Arm, Rear - Upper Right - Platinum	24	1402-809		2	● Bearing
				(inc. 13-14)	25	0403-213	X	4	● Axle
	0504-587		1	A-Arm, Rear - Upper Left - Platinum	26	0403-206	X	8	● Bushing
				(inc. 13-14)	27	8409-000		4	Screw, Cap
13	0403-208	X	16	● Bushing	28	8428-002		4	Nut, Lock
14	0403-214	X	8	● Axle					
15	8409-075		8	Screw, Cap					
16	0504-576		1	A-Arm, Rear - Lower Right - Platinum					
				(inc. 13-14)					
	0504-577		1	A-Arm, Rear - Lower Left - Platinum					
				(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	1402-699		2	Tire - Front
3	1502-437		2	Hub, Wheel - Front (inc. 4)		1402-700		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					



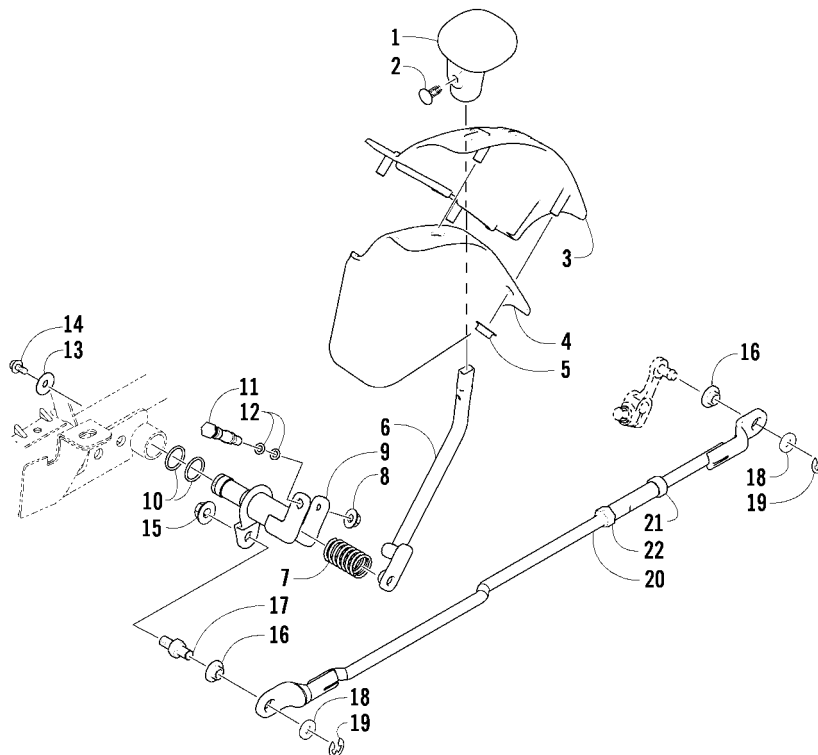
HYDRAULIC BRAKE ASSEMBLY

0744-623

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-015		1	Hose, Brake - Assembly	20	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 18 and 21-23)
2	0623-038		2	Nut w/Washer		1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 18 and 21-23)
3	8476-625		1	Screw, Machine		1436-161		1	● Housing, Caliper - Assembly - Rear (inc. two No. 18 and 21-23)
4	1502-162		1	Lever, Brake	21	0502-606		3	●● Piston/Seal Set (inc. 22)
5	1602-213		2	O-Ring	22	0502-607		3	●●● Seal Set
6	8050-252		1	Washer	23	0502-609		4	●● Valve, Bleed
7	8408-816		1	Screw, Cap	24	0502-608		3	● O-Ring, Guide - Set
8	1502-577	X	1	Brake Assembly (inc. 9)	25	0502-605		3	● Bracket Assembly
9	1502-578	X	1	● Reservoir, Brake w/Clamp	26	1502-694	X	3	● Pad, Brake - Set
10	8476-616		1	Screw, Machine	27	1502-115		2	Clip, Brake Hose
11	0502-785		1	Spring, Brake Switch	28	0502-914		1	Brake Assembly (inc. 29-37)
12	1502-591	X	1	Hose, Brake	29	0502-566		1	● Screw, Machine - Kit
13	0423-413		6	Bolt, Banjo-Fitting	30	0502-868		1	● Cover, Reservoir
14	0423-178		12	Washer, Crush	31	0502-568		1	● Screw, Machine - Kit
15	8408-625		2	Screw, Cap	32	0502-869		1	● Clamp, Master Cylinder
16	0502-840		1	Bracket, Switch	33	0502-704		1	● Master Cylinder Assembly
17	1502-296		1	Adapter, Hose	34	0502-866		1	● Lever Assembly - Kit (inc. 35-36)
18	8408-821		6	Screw, Cap	35	0502-867		1	●● Lock, Brake Lever - Kit
19	1502-726	X	1	Caliper, Brake - Right Front (inc. two No. 18 and 20-26)	36	0502-580		1	●● Lever Pin - Kit
	1502-727	X	1	Caliper, Brake - Left Front (inc. two No. 18 and 20-26)	37	0502-564		1	● Switch, Brake
	1502-727	X	1	Caliper, Brake - Rear (inc. two No. 18 and 20-26)	38	0123-788		AR	Tie, Cable - 8 in.

0744-624

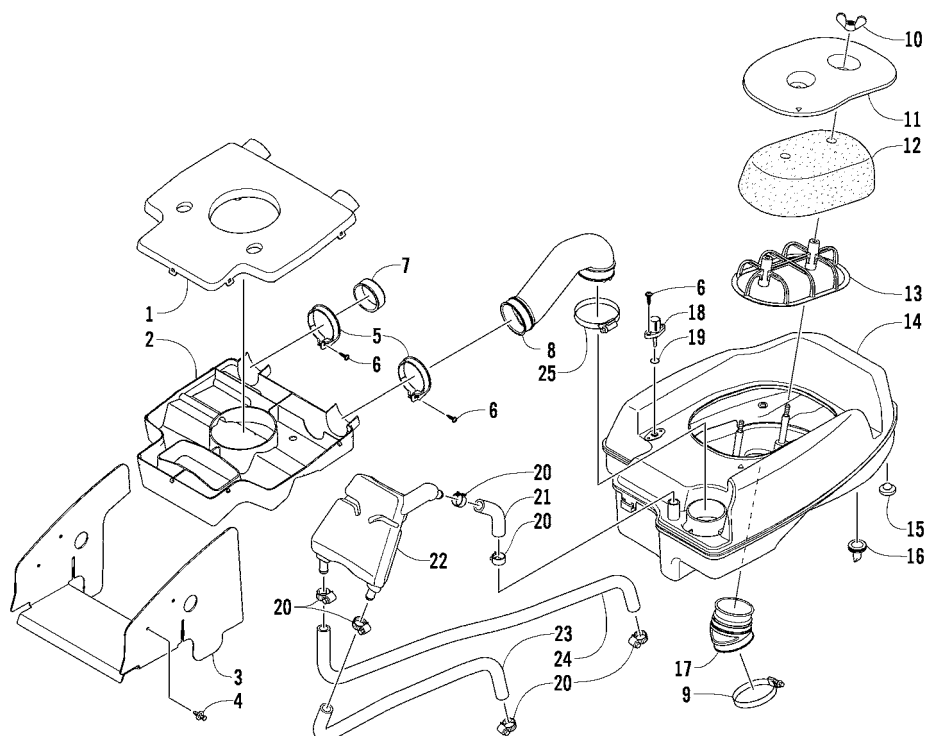
17



SHIFT LEVER ASSEMBLY

0744-084

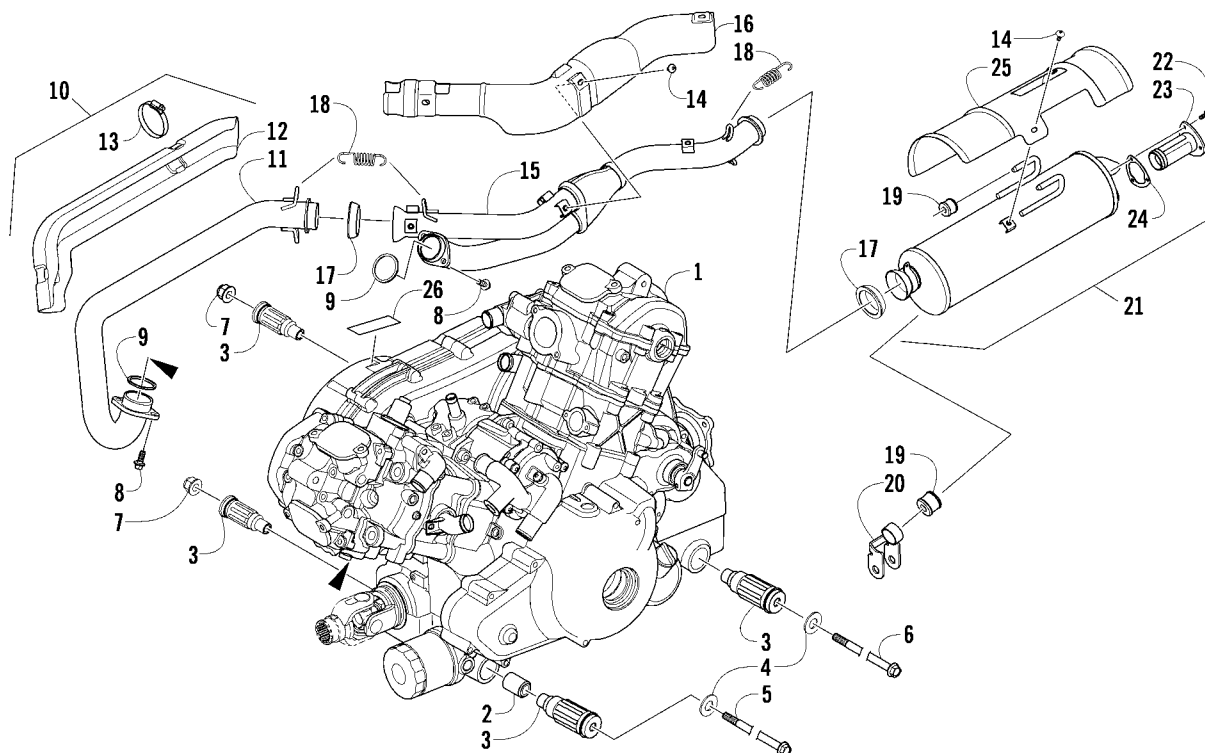
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	12	0423-182		2	O-Ring
2	0423-345		1	Clip, Retaining	13	0423-087		1	Washer
3	1402-576		1	Plate, Shift	14	8408-812		1	Screw, Cap
4	2406-345		1	Shield, Shift Plate	15	8424-802		1	Nut
5	0423-357		4	Nut, Stamped	16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



AIR INTAKE ASSEMBLY

0744-449

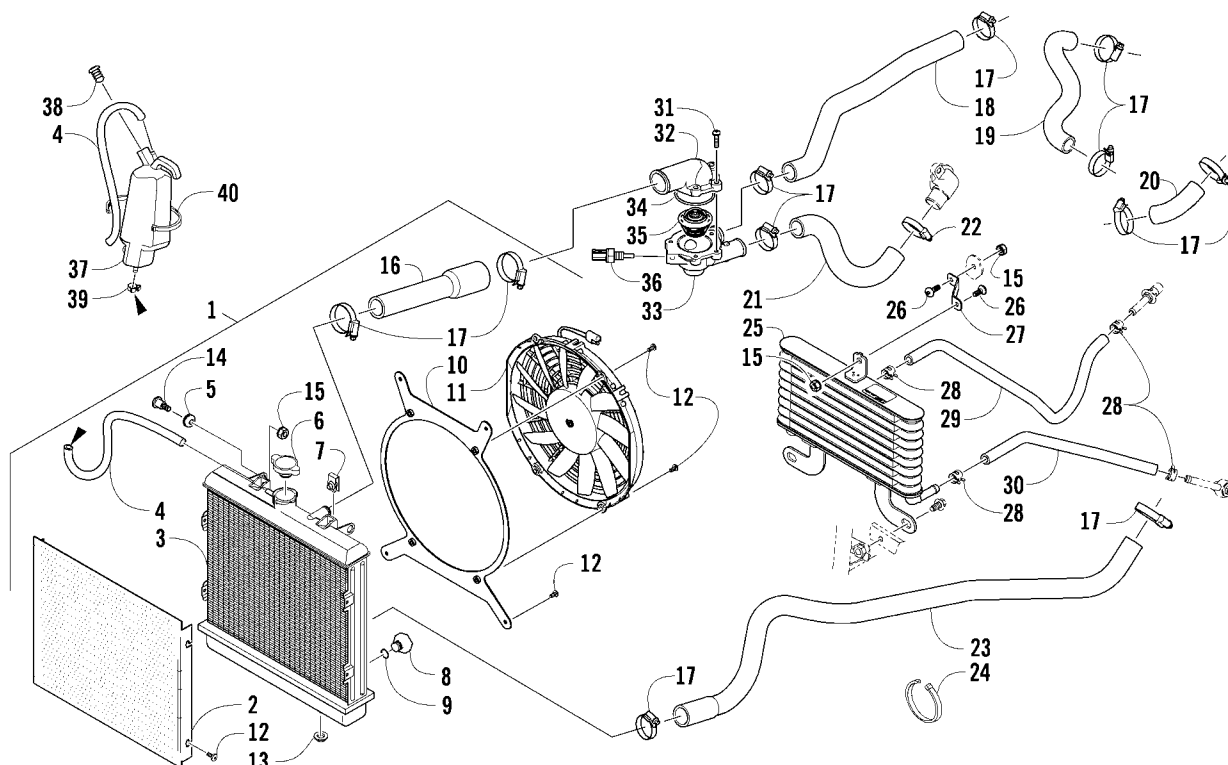
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-091		1	Diverter, Air - Top	14	0570-221		1	Housing, Air Intake
2	0413-093		1	Diverter, Air - Bottom	15	0406-877		4	Bumper
3	2406-509		1	Shroud, Splash	16	0470-442		2	Valve, Drain
4	0623-362		2	Rivet, Reinstallable	17	0470-638		1	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	X	1	Hose, Separator Tank
9	0423-019		2	Clamp	22	0470-718		1	Tank, Separator
10	0423-716		2	Wing Nut	23	0410-196	X	1	Hose, Crankcase
11	0470-832		1	Cover, Air Intake	24	0410-208	X	1	Hose, Crankcase
12	0470-828		1	Filter, Air	25	0423-066		1	Clamp
13	0470-731		1	Support, Air Filter					



ENGINE AND EXHAUST

0744-086

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-099	X	1	Engine, A950FH2 (inc. 2-3)	14	8477-610		8	Screw, Machine
2	0801-128		1	● Spacer, Engine Mount	15	0512-453		1	Pipe, Exhaust - Rear
3	0801-091		4	● Mount, Engine	16	0412-484		1	Shield, Exhaust Pipe - Rear
4	0423-426		2	Washer	17	0412-375		2	Seal, Exhaust Pipe
5	0423-734		1	Screw, Cap	18	0612-668		4	Spring, Extension
6	0423-451		1	Screw, Cap	19	0412-215		3	Bushing
7	8428-002		2	Nut, Lock	20	1506-732		1	Channel, Muffler Support
8	8408-820		4	Screw, Cap	21	0512-355		1	Muffler - Assembly (inc. 22-24)
9	0412-338		2	Gasket, Exhaust Pipe	22	8408-616		3	● Screw, Cap
10	0512-433		1	Pipe, Exhaust - Assembly (inc. 11-13)	23	0512-219		1	● Arrestor, Spark - Assembly
11	0512-349		1	● Pipe, Exhaust	24	0412-313		1	● Gasket, Spark Arrestor
12	0412-400		1	● Shield, Exhaust Pipe	25	0412-373		1	Cover, Muffler
13	0423-317		2	● Clamp	26	0411-426		1	Decal, Warning - Clutch Cover

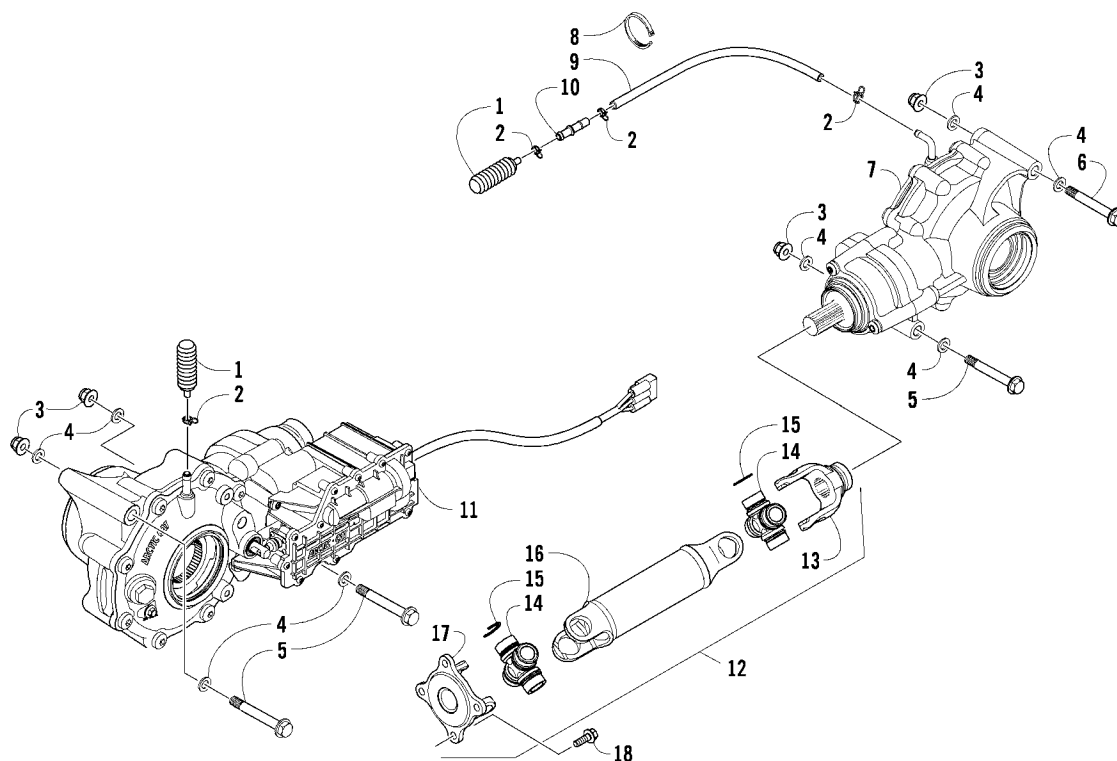


COOLING ASSEMBLY

0743-628

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-258	X	1	Radiator Assembly (inc. 2-12)	21	0410-117		1	Hose, Coolant - No. 1
2	0413-214		1	● Screen, Radiator	22	1623-093		1	Clamp, Hose
3	0413-216		1	● Radiator	23	0410-119		1	Hose, Coolant - Suction Pump - Lower
4	0610-011	AR		● Hose - 25 ft	24	0623-751	AR		Tie, Cable - 11.5 in.
5	0423-030		2	● Grommet	25	0413-211		1	Cooler, Oil
6	0413-255	X	1	● Cap, Radiator	26	8476-612		2	Screw, Machine
7	1623-637		4	● Clip, U-Nut	27	0513-022		1	Bracket, Mounting - Oil Cooler - Upper
8	0413-195		1	● Plug, Drain	28	0423-632		4	Clamp, Hose
9	1602-213		1	● O-Ring	29	0410-149		1	Hose, Oil Cooler - In
10	0413-217		1	● Bracket, Mounting - Fan	30	0410-168		1	Hose, Oil Cooler - Out
11	0413-123		1	● Fan, Cooling	31	8470-520		4	Screw, Machine
12	8470-510		12	● Screw, Machine	32	0808-092		1	Cover, Thermostat
13	0423-028		2	Bushing, Stem	33	0808-189	X	1	Housing, Thermostat
14	0423-484		2	Screw, Shoulder	34	0830-173		1	O-Ring
15	0623-038		4	Nut w/Washer	35	0808-093		1	Thermostat
16	0410-120		1	Hose, Coolant - Radiator/Thermostat - Upper	36	0808-124		1	Sensor, Engine Coolant Temperature
17	0423-496		11	Clamp, Hose	37	0413-086		1	Bottle, Overflow
18	0410-195	X	1	Hose, Coolant - No. 2	38	0413-087		1	Plug
19	0410-116		1	Hose, Coolant	39	0124-045		1	Clamp, Hose
20	0410-115		1	Hose, Coolant - Crossover	40	0623-316	AR		Tie, Cable - 14 in.

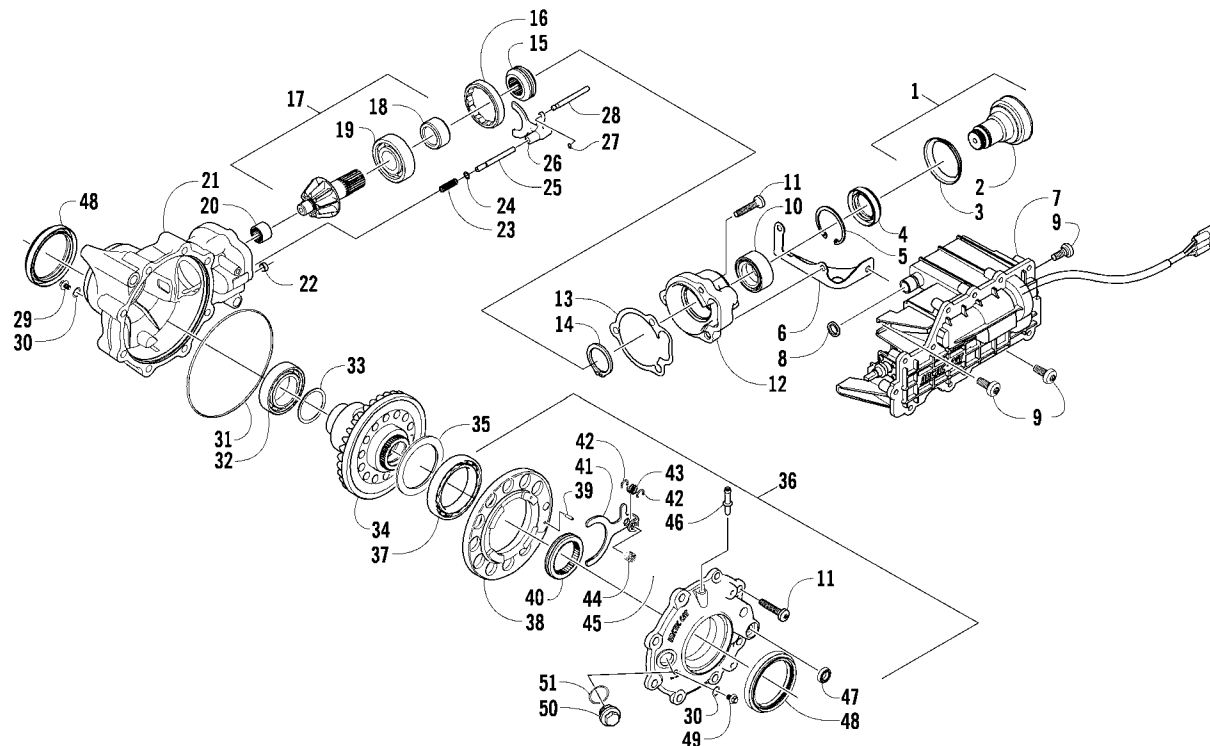
22



DRIVE TRAIN ASSEMBLY

0744-087

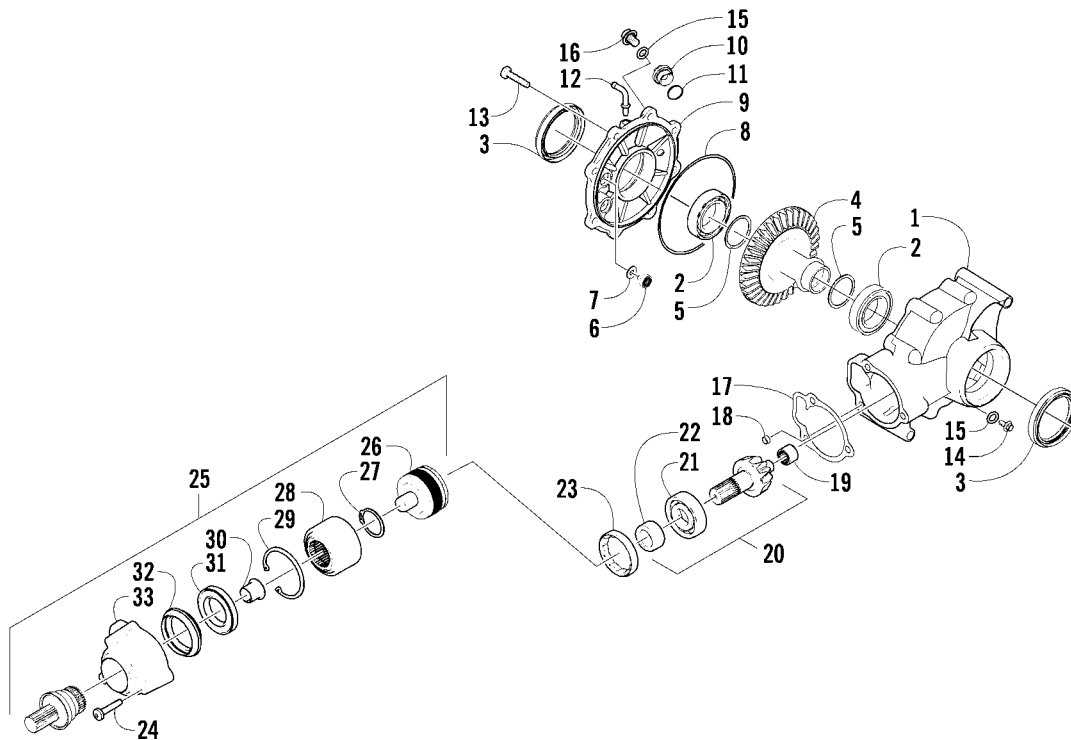
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	1402-620			10	0470-702	1	Fitting, Vent
2	0423-315			11	1502-395	1	Gearcase, Front
3	8428-002			12	1502-338	1	Driveshaft, Rear - Assembly (inc. 13-17)
4	0423-426			13	1402-567	1	● Yoke, Slip
5	0423-404			14	0402-944	2	● Joint, Universal (inc. four No. 15)
6	0423-830			15	0423-395	8	●● Ring, Retaining
7	1502-403			16	1502-337	1	● Driveshaft, Rear
8	0123-788	AR	Tie, Cable - 8 in.	17	1402-689	1	● Yoke, Flange
9	0410-070	AR	Hose, Vent - 25 ft	18	8408-820	4	Screw, Cap



FRONT DRIVE GEARCASE ASSEMBLY

0743-254

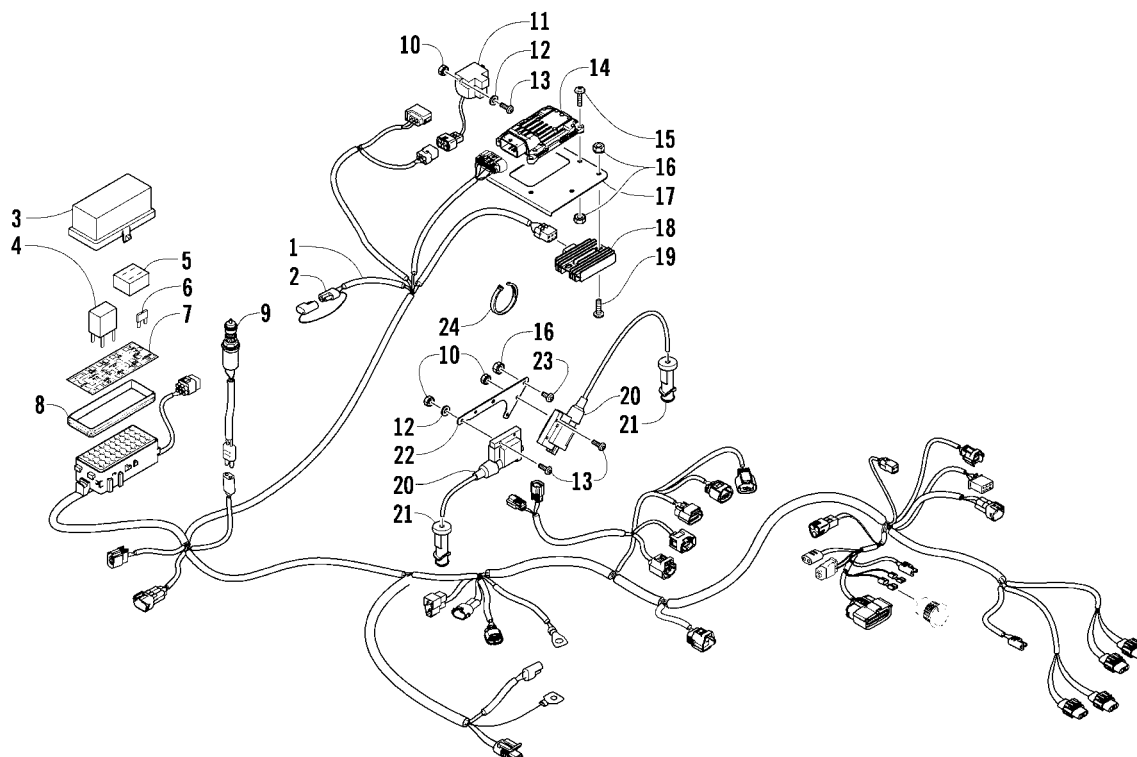
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-395		1	Complete Front Drive Gearcase Assembly	30	0423-153		2	● O-Ring
1	0502-923		1	Shaft, Propeller - Assembly (inc. 2-3)	31	0423-149		1	O-Ring
2	1402-438		1	● Shaft, Input	32	0402-393		1	Bearing
3	1402-168		1	● Deflector	33	0402-405		AR	Shim
4	1402-011		1	Seal		0402-406		AR	Shim
5	0423-423		1	Ring, Retaining		0402-407		AR	Shim
6	1502-237		1	Bracket, Actuator		0402-408		AR	Shim
7	0502-585		1	Actuator		0402-409		AR	Shim
8	0423-892		1	O-Ring	34	1502-554		1	Gear, Ring - 34T
9	0423-396		3	Screw, Self-Tapping	35	1402-074		AR	Shim
10	1402-043		1	Bearing		1402-075		AR	Shim
11	0423-118		11	Screw, Self-Tapping		1402-076		AR	Shim
12	0502-528		1	Housing, Pinion		1402-077		AR	Shim
13	0402-947		1	Gasket		1402-078		AR	Shim
14	0423-417		1	Ring, Retaining	36	1502-389		1	Cover, Gearcase (inc. one No. 30 and 37-49)
15	0402-413		1	Coupler, Drive	37	1402-053		1	● Bearing
16	0402-357		1	Collar, Lock	38	0502-413		1	● Flange, Bearing
17	0502-784		1	Gear, Pinion - Assembly - 11T (inc. 18-19)	39	1402-079		1	● Pin, Alignment
18	0402-336		1	● Collar, Retaining	40	1402-042		1	● Collar, Sliding
19	0402-327		1	● Bearing	41	1402-054		1	● Fork
20	0402-328		1	Bearing	42	1402-058		2	● Ring, Retaining
21	0502-514		1	Housing, Gearcase	43	1402-057		1	● Spring
22	0402-411		1	Pin, Dowel	44	1402-063		1	● Spring
23	0402-999		1	Spring, Return	45	1402-656		1	● Shaft, Lock
24	0423-147		1	O-Ring	46	1402-104		1	● Fitting
25	0402-417		1	Shaft, Shuttle	47	1402-056		1	● Seal
26	0402-998		1	Fork, Selector	48	1402-713		2	● Seal
27	0423-402		1	Ring, Retaining	49	1402-211		1	● Plug, Oil Level (inc. one No. 30)
28	0402-997		1	Shaft, Selector	50	0402-333		1	Plug, Fill (inc. 51)
29	1402-210		1	Plug, Magnetic (inc. one No. 30)	51	0423-154		1	● O-Ring



REAR DRIVE GEARCASE ASSEMBLY

0742-972

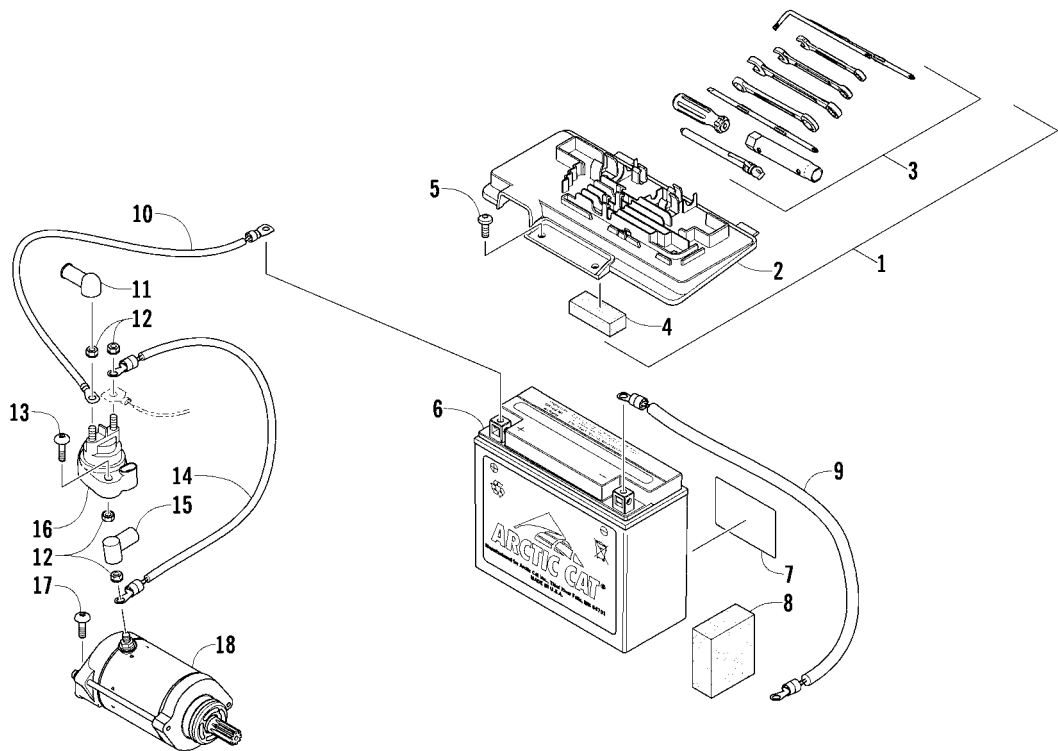
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-403		1	Complete Rear Drive Gearcase Assembly	13	0423-118		8	Screw, Self-Tapping
1	1502-317		1	Housing, Gearcase	14	0402-450		1	Plug, Magnetic (inc. one No. 15)
2	0402-393		2	Bearing	15	0423-153		2	● O-Ring
3	1402-713		2	Seal	16	1402-211		1	Plug, Oil Level (inc. one No. 15)
4	1402-033		1	Gear, Ring - 34T	17	0402-947		1	Gasket
5	0402-405		AR	Shim	18	0402-411		1	Pin, Dowel
	0402-406		AR	Shim	19	0402-328		1	Bearing
	0402-407		AR	Shim	20	0502-784		1	Gear, Pinion - Assembly - 11T (inc. 21-22)
	0402-408		AR	Shim	21	0402-327		1	● Bearing
	0402-409		AR	Shim	22	0402-336		1	● Collar, Retaining
6	0402-326		1	Button, Thrust	23	0402-331		1	Collar, Lock
7	0402-429		AR	Shim	24	0423-834		3	Screw, Self-Tapping
	0402-430		AR	Shim	25	1502-284		1	Shaft, Input (inc. 26-33)
	0402-431		AR	Shim	26	1502-287		1	● Cartridge, Clutch - Assembly
	0402-432		AR	Shim	27	0423-799		1	● Ring, Retaining - External
	0402-433		AR	Shim	28	1402-682		1	● Basket, Clutch
8	0423-149		1	O-Ring	29	0423-798		1	● Ring, Retaining - Internal
9	1502-082		1	Cover, Gearcase	30	1402-678		1	● Bearing, Flange
10	0402-333		1	Plug, Fill (inc. 11)	31	1402-677		1	● Bearing
11	0423-154		1	● O-Ring	32	1402-687		1	● Seal
12	1402-102		1	Fitting	33	1502-285		1	● Housing, Input



WIRING HARNESS ASSEMBLY

0744-625

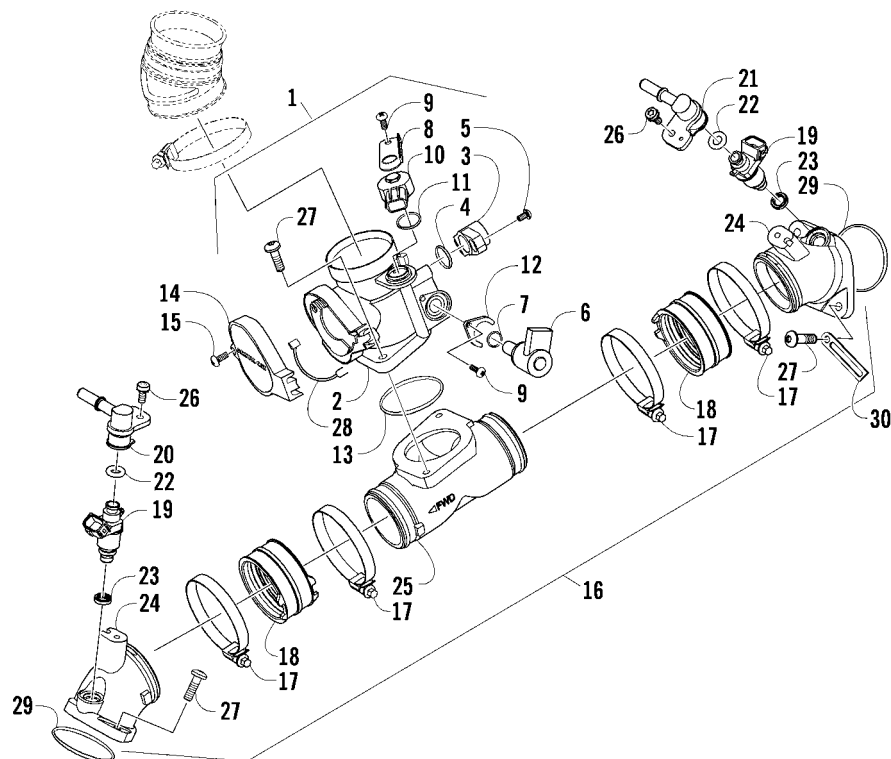
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-340	X	1	Harness, Main (inc. 2-8)	12	0123-802		3	Washer
2	0486-164		2	● Tether, Accessory Connector	13	8468-425		6	Screw, Machine
3	0430-085	X	1	● Cover, Fuse Block	14	0530-038	X	1	ECU
4	0430-045		5	● Relay (4-Pin) - 20 Amp	15	8476-620		4	Screw, Machine
5	0430-033		5	● Relay (5-Pin) - 20 Amp	16	0623-038		8	Nut w/Washer
6	0430-037		1	● Holder, Fuse	17	2416-175	X	1	Bracket, Mounting - ECU
7	0430-032		8	● Fuse - 10 Amp	18	0824-037		1	Regulator, Voltage
8	0430-031		4	● Fuse - 15 Amp	19	8476-625		2	Screw, Machine
9	0430-030		2	● Fuse - 30 Amp	20	0824-058	X	2	Coil, Ignition - Assembly (inc. 21)
10	2411-092	X	1	● Decal, Fuse Block	21	0824-049		2	● Cap, Spark Plug
11	0430-086	X	1	● Seal	22	2416-268	X	1	Bracket, Mounting - Coil
	0409-089		1	Switch, Brake - Assembly	23	8476-616		2	Screw, Machine
	0423-493		6	Nut w/Washer	24	0123-788	AR		Tie, Cable - 8 in.
	0409-064		1	Switch, Tilt Sensor		0123-903	AR		Tie, Cable - 11.5 in.



BATTERY AND STARTER ASSEMBLY

0744-454

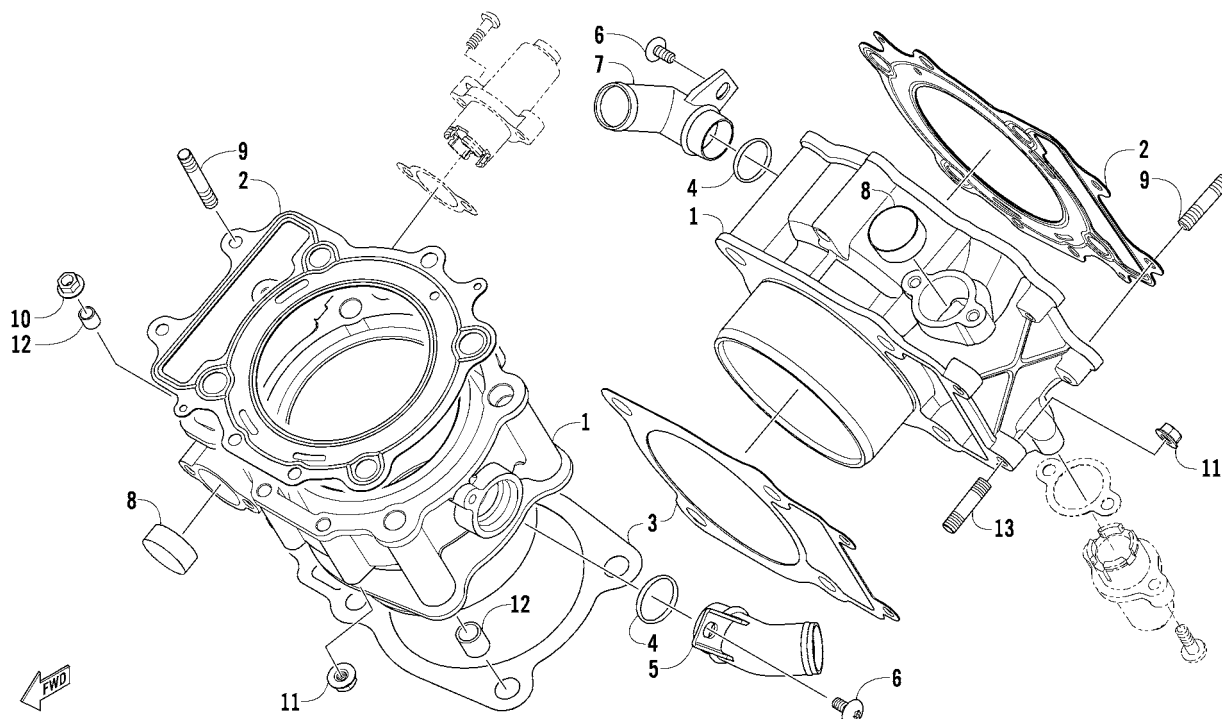
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-062		1	Cable, Battery/Soleniod
2	2406-815		1	● Cover, Battery	11	0645-327		1	Boot, Terminal
3	0444-122		1	● Kit, Tool	12	0623-038		5	Nut w/Washer
4	0417-016		1	● Pad, Battery	13	8476-630		2	Screw, Machine
5	8476-620		2	Screw, Machine	14	0445-066		1	Cable, Solenoid/Starter (inc. 15)
6	0645-480		1	Battery Assembly (inc. 7)	15	0645-019		1	● Boot, Terminal
7	0645-430		1	● Decal, Warning	16	0445-058		1	Solenoid
8	0417-017		1	Foam, Battery	17	8476-625		2	Screw, Machine
9	0445-071		1	Cable, Battery/Ground	18	0825-015	X	1	Motor, Starter - Assembly



THROTTLE BODY ASSEMBLY

0742-977

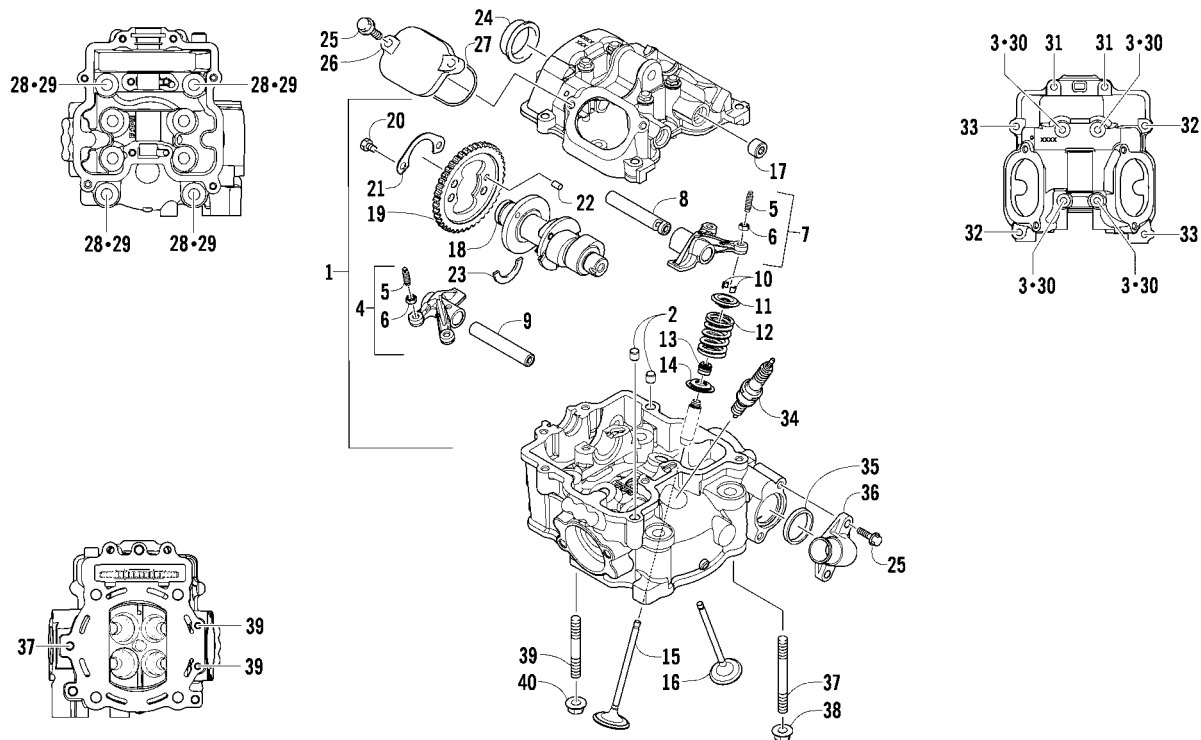
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-686		1	Throttle - Assembly (inc. 2-15)	16	0570-230		1	Manifold, Intake - Assembly (inc. 17-26)
2	-		1	● Throttle Body - Not a Service Part	17	0423-066		4	● Clamp
3	0430-072		1	● Sensor, Throttle Position	18	0470-660		2	● Boot, Intake - 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	3002-964		1	Clamp, Wire



CYLINDER ASSEMBLY

0743-910

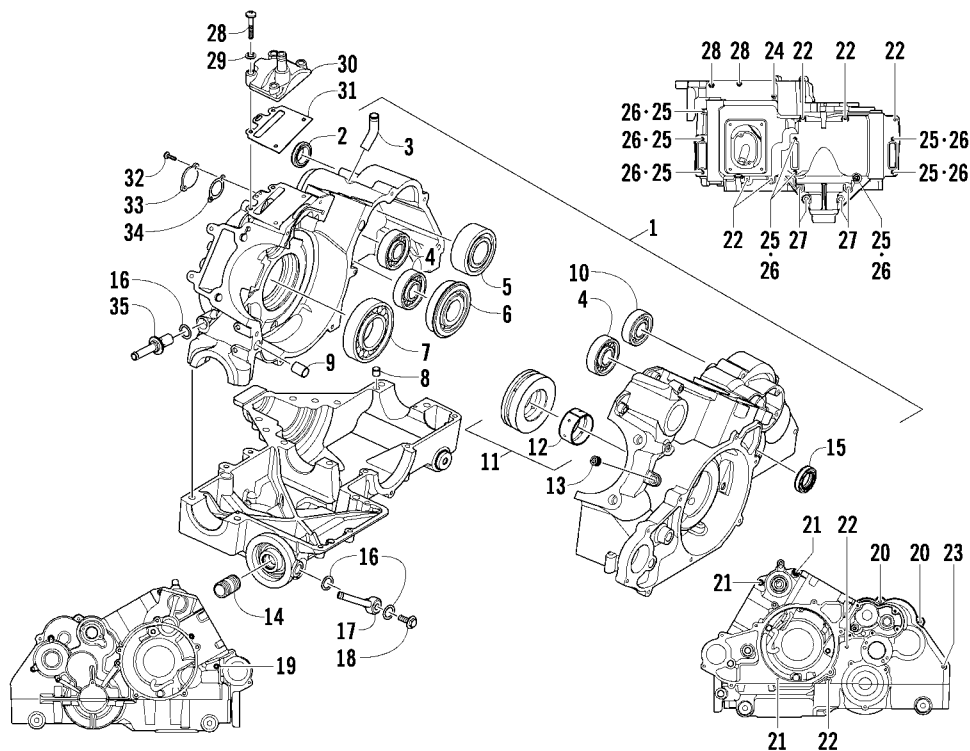
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0804-031		Cylinder	8	0804-037	2	Plug, Cylinder
2	0830-209	X	Gasket, Head	9	0827-002	4	Bolt, Stud
3	0830-127		Gasket, Base	10	8424-804	2	Nut
4	0830-007		O-Ring	11	8424-604	8	Nut
5	0804-046		Union, Coolant Hose	12	0829-002	8	Pin, Dowel
6	8468-612		Screw, Machine	13	0827-018	4	Bolt, Stud
7	0804-030		Union, Coolant Hose				



CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0743-989

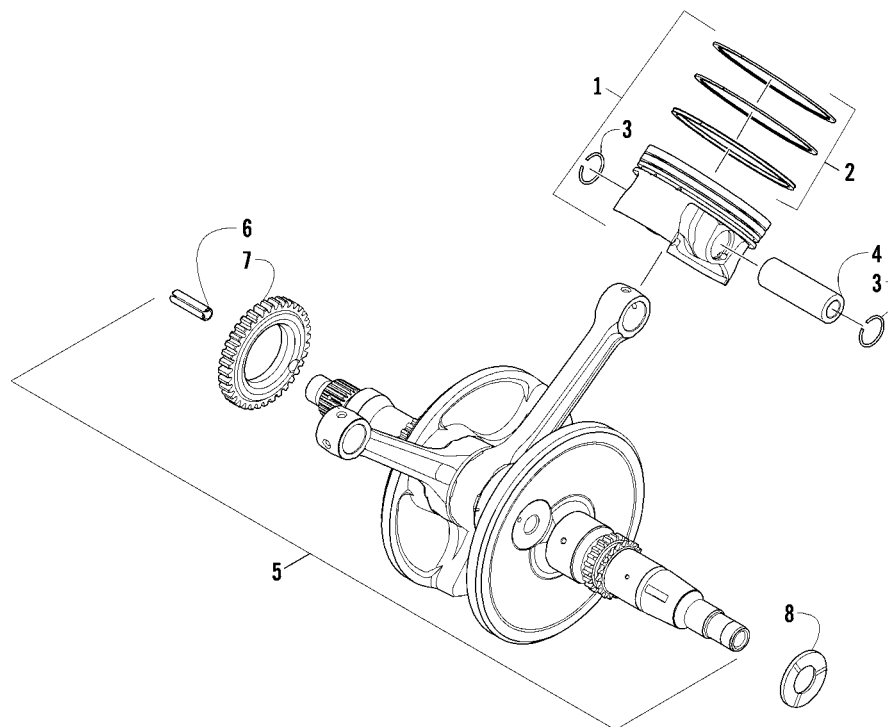
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-135		2	Head, Cylinder - Assembly (inc. 2-17)	20	0826-034		4	Screw, Cap
2	0829-001		4	● Pin, Dowel	21	0828-004		2	Plate, Retainer
3	0826-001		8	● Screw, Cap	22	0829-008		2	Pin, Dowel
4	0809-202		2	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	23	0809-003		2	C-Ring
5	0809-033		8	●● Screw, Adjuster	24	0808-077		2	Plug, Cylinder Head
6	0827-007		8	●● Nut	25	0826-007		12	Screw, Cap
7	0809-205		2	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	26	0808-003		4	Cap, Inspection
8	0809-008		2	● Shaft, Rocker Arm - Exhaust	27	0830-167		4	O-Ring
9	0809-007		2	● Shaft, Rocker Arm - Intake	28	0808-090		8	Screw, Cap
10	0809-014		16	● Cotter, Valve	29	0830-147		8	Washer
11	0809-013		8	● Retainer, Spring	30	0830-107		8	Gasket
12	0809-138		8	● Spring, Valve	31	0826-002		4	Screw, Cap
13	0830-016		8	● Seal, Oil	32	0826-005		4	Screw, Cap
14	0809-006		8	● Seat, Spring - Valve	33	0826-006		4	Screw, Cap
15	0809-040		4	● Valve, Exhaust	34	0217-799		2	Spark Plug - CPR8E
16	0809-039		4	● Valve, Intake	35	0830-120		2	Seal
17	0831-041		4	● Plug, Shaft	36	0808-008		2	Cover, Thermostat
18	0809-246		1	Camshaft, Front Cylinder	37	0827-031		2	Bolt, Stud
19	0809-002		2	Camshaft, Rear Cylinder Sprocket	38	8424-804		2	Nut
					39	0827-030		4	Bolt, Stud
					40	8424-604		4	Nut



CRANKCASE ASSEMBLY

0744-651

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-074		1	Crankcase - Assembly (inc. 2-15)	19	8468-685		1	Screw, Machine
2	0830-035		1	● Seal, Driveshaft	20	8468-650		2	Screw, Machine
3	0801-118		1	● Pipe, Breather	21	8468-625		3	Screw, Machine
4	0832-050		3	● Bearing	22	8468-665		7	Screw, Machine
5	0832-048		1	● Bearing	23	8468-670		1	Screw, Machine
6	0832-058		1	● Bearing	24	8468-640		1	Screw, Machine
7	0832-042		1	● Bearing	25	8412-870		8	Screw, Cap
8	0829-001		2	● Pin, Dowel	26	0830-008		8	Washer
9	0829-002		2	● Pin, Dowel	27	8412-830		4	Screw, Cap
10	0832-049		1	● Bearing	28	8468-630		6	Screw, Machine
11	0832-055		1	● Bearing - Assembly (inc. 12)	29	0830-107		4	Gasket
12	0832-057		1	● Bearing	30	0801-088		1	Cover, Breather
13	0801-002		1	● Plug, Engine Case	31	0830-160		1	Gasket, Breather
14	0812-008		1	● Union, Oil Filter	32	8470-520		2	Screw, Machine
15	0822-052		1	● Seal, Countershaft - Right	33	0818-107	X	1	Cover, Shift Shaft
16	0812-026		3	Gasket, Washer	34	0830-134		1	Gasket
17	0812-028		1	Fitting, Oil - 40°	35	0812-051		1	Fitting, Oil - Threaded
18	0812-025		1	Bolt, Oil					

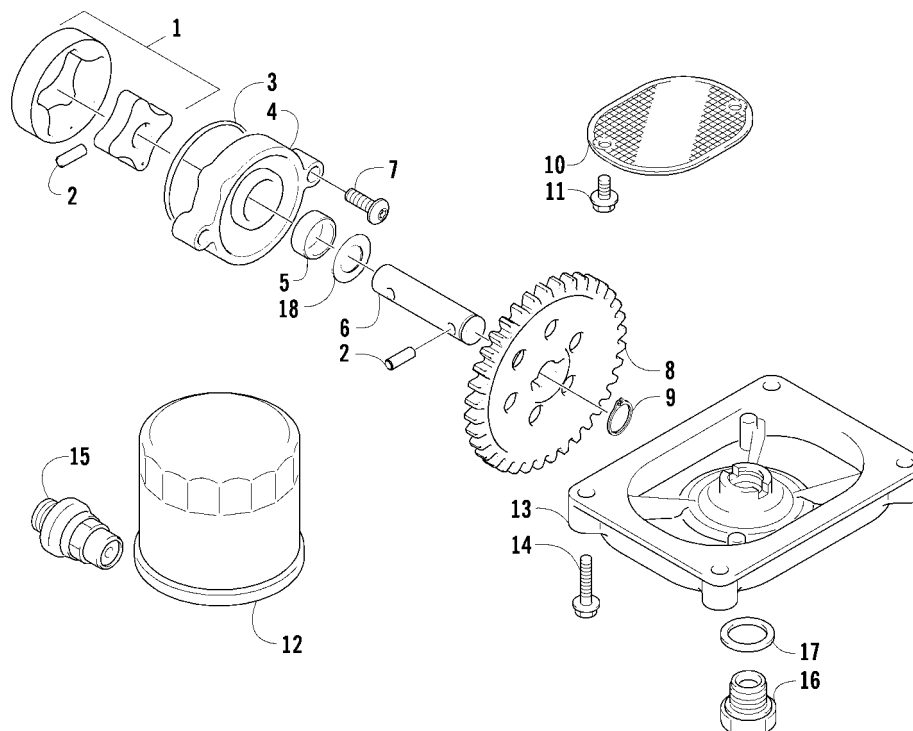


CRANKSHAFT AND PISTON ASSEMBLY

0742-235

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0805-299	2	Piston Set - Assembly (inc. 2-4)	5	0805-200	1	Crankshaft - Assembly (inc. 6-7)
2	0805-164	2	● Ring, Piston - Set	6	0805-204	1	● Pin, Spring
3	0805-199	4	● Circlip, Piston Pin	7	0805-201	1	● Gear, Crankshaft
4	0805-198	2	● Pin, Piston	8	0805-273	1	Washer, Thrust

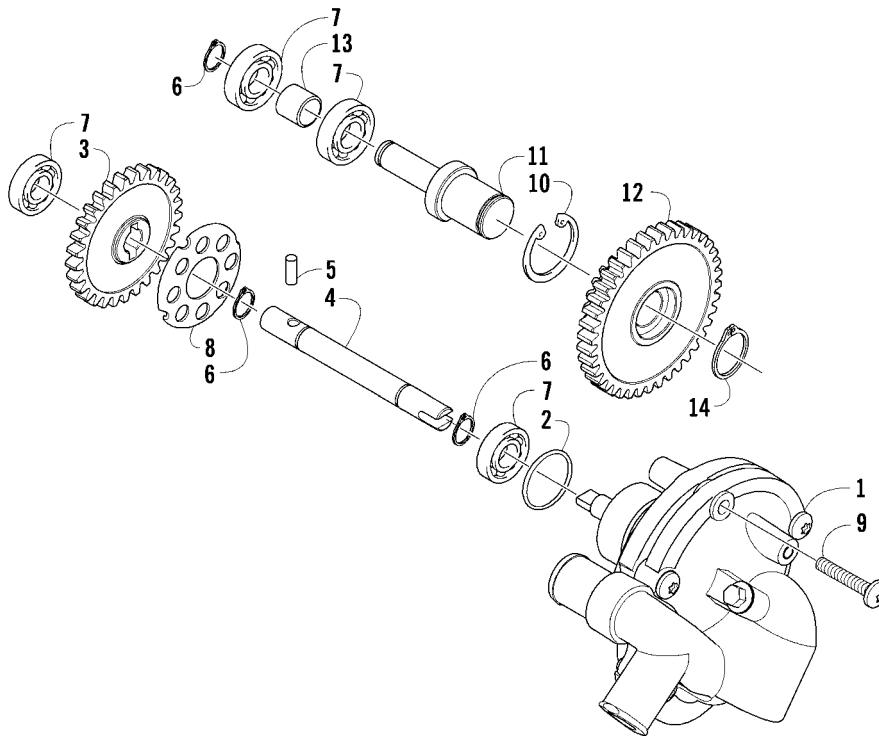
34



OIL FILTER/PUMP ASSEMBLY

0742-986

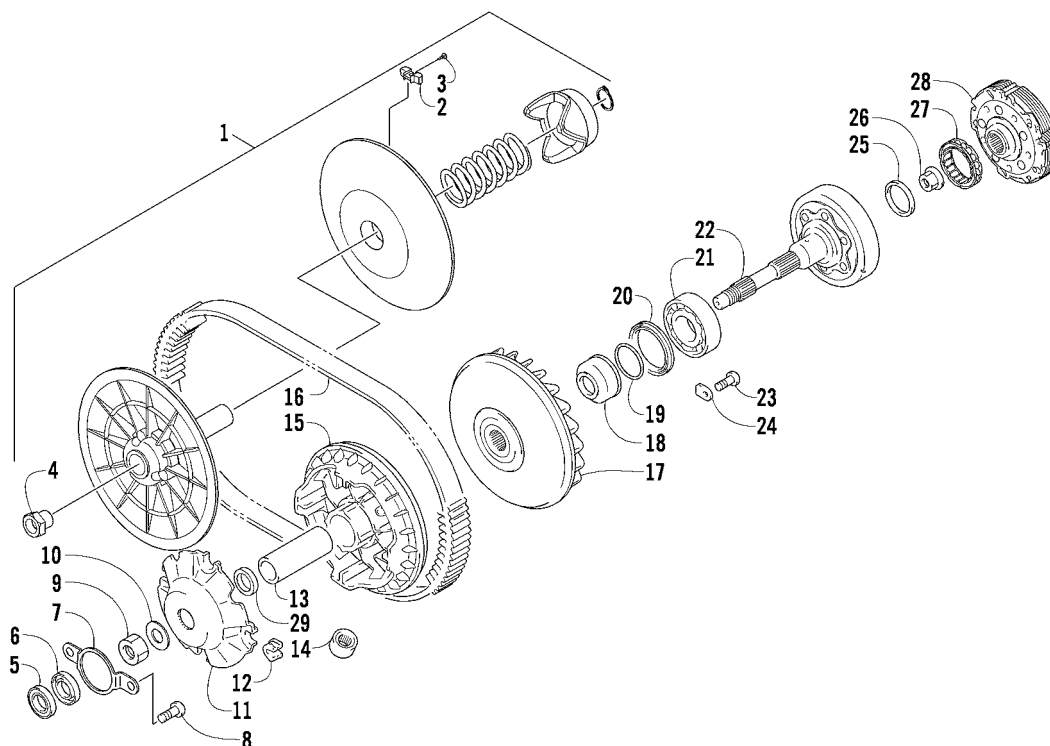
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0812-041	1	Gerotor - Set	10	0812-057	1	Strainer, Oil
2	0829-009	2	Pin, Dowel	11	0826-040	2	Screw, Machine
3	0812-048	1	O-Ring	12	0812-029	1	Filter, Oil
4	0812-040	1	Housing, Oil Pump	13	0812-053	1	Cap, Oil Strainer
5	0812-047	1	Seal, Oil Pump	14	8468-625	4	Screw, Machine
6	0812-046	1	Shaft, Oil Pump	15	0812-052	1	Valve, Oil-Relief - Assembly
7	8468-620	2	Screw, Machine	16	0812-006	1	Plug, Drain
8	0812-045	1	Gear, Driven	17	0830-017	1	Gasket, Drain Plug
9	0831-002	1	Ring, Retaining	18	0828-007	1	Shim



WATER PUMP ASSEMBLY

0742-981

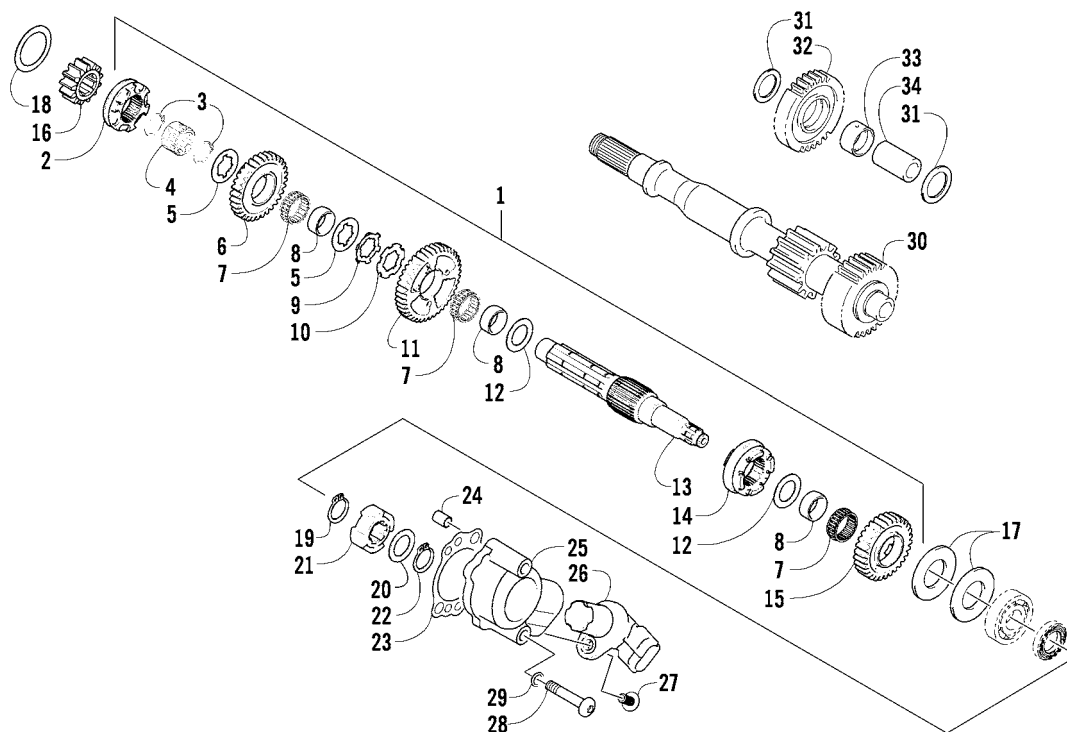
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-056	X	1	Pump, Water - Assembly (inc. 2)	8	0801-089		1	Disc, Breather
2	0830-029		1	● O-Ring	9	8468-650		2	Screw, Machine
3	0813-029		1	Gear, Driven	10	0831-004		1	Ring, Retaining
4	0813-030		1	Shaft, Driven Gear	11	0813-026		1	Shaft, Water Pump Idler Gear
5	0829-009		1	Pin, Dowel	12	0813-027		1	Gear, Idler - Water Pump - Drive
6	0831-002		3	Ring, Retaining	13	0813-028		1	Spacer, Idler - Water Pump
7	0832-046		4	Bearing	14	0831-040		1	Ring, Retaining



TRANSMISSION ASSEMBLY

0744-238

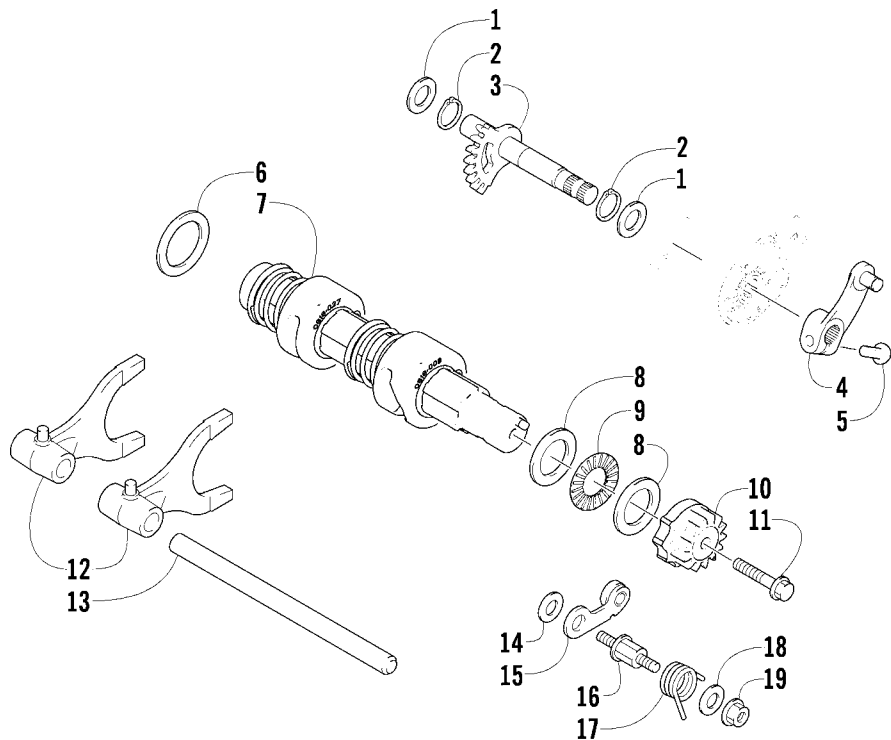
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-157		1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-231		1	Belt, Drive
2	0823-176		3	● Shoe, Cam	17	0823-156		1	Face, Fixed Drive
3	0823-177		3	● Screw, Machine	18	0823-015		1	Spacer, Fixed Drive Face
4	0823-178		1	● Nut, Driven 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	0832-047		1	Bearing
7	0823-020		1	Retainer, Bearing	22	0823-261		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	0823-008		1	Plate, Movable Drive Face	26	0827-011		1	Nut
12	0823-010		4	Damper, Movable Drive Face	27	0823-018		1	Clutch, One-Way
13	0823-265		1	Spacer, Movable Drive Face	28	0823-098		1	Clutch, Centrifugal - 6 Plate
14	0823-170		8	Roller, Movable Drive Face	29	0823-292		1	Spacer
15	0823-159		1	Face, Movable Drive					



SECONDARY TRANSMISSION ASSEMBLY

0743-914

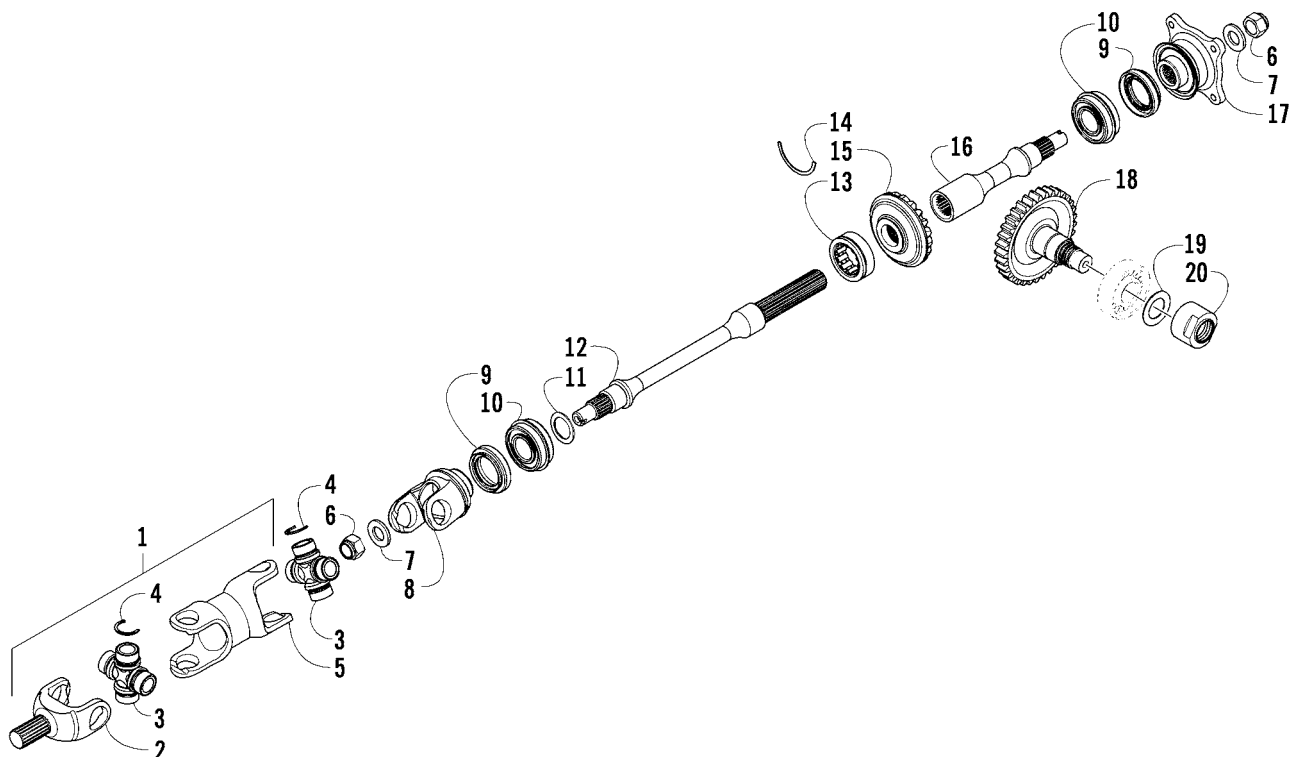
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-091		1	Countershaft Assembly (inc. 2-15)	18	0828-019		1	Washer, Thrust
2	0822-014		1	● Gear Select, Reverse	19	0831-040		1	Ring, Retaining
3	0831-011		2	● Ring, Retaining	20	0828-069		1	Washer, Thrust
4	0822-045		1	● Spacer, Reverse Driven Gear	21	0822-050		1	Trigger, Speedometer Sensor
5	0828-008		2	● Washer	22	0831-039		1	Ring, Retaining
6	0822-013		1	● Gear, Reverse Driven	23	0830-129		1	Gasket
7	0832-011		3	● Bearing	24	0829-023		2	Pin, Dowel
8	0822-005		3	● Bushing	25	0822-049		1	Housing, Speedometer Sensor
9	0828-014		1	● Washer, Lock	26	0430-091	X	1	Sensor, Speedometer
10	0828-015		1	● Washer, Lock	27	8468-620		1	Screw, Machine
11	0822-004		1	● Gear, Driven - Low	28	8468-645		2	Screw, Machine
12	0822-046		2	● Washer, Driven Gear	29	0830-107		2	Seal
13	0822-003		1	● Countershaft	30	0822-001		1	Driveshaft
14	0822-007		1	● Gear Select, Sliding	31	0828-016		2	Washer, Thrust
15	0822-006		1	● Gear, Driven - High	32	0822-011		1	Gear, Reverse Idle
16	0822-089		1	Gear, Drive	33	0822-012		1	Bushing
17	0828-011		2	Washer	34	0822-015		1	Shaft, Reverse Idle



GEAR SHIFTING ASSEMBLY

0744-659

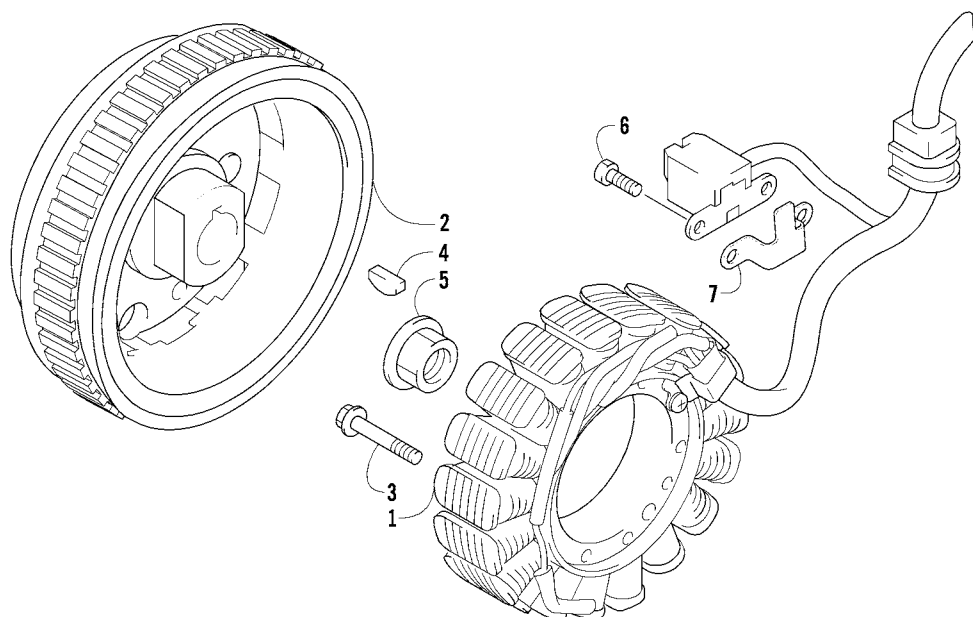
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0828-036		2	Washer	11	0826-006		1	Screw, Cap
2	0831-010		2	Ring, Retaining	12	0818-072		2	Fork, Shift
3	0818-105	X	1	Shaft, Sub-Gear Shift	13	0818-006		1	Shaft, Shift Fork
4	0818-014		1	Arm, Shift	14	0828-038		1	Washer
5	8468-620		1	Screw, Machine	15	0818-002		1	Stopper, Cam
6	0828-040		1	Washer	16	0818-004		1	Support, Cam Stopper
7	0818-046		1	Shaft, Gear Shift - Assembly	17	0818-090		1	Spring
8	0828-095		2	Washer, Thrust	18	0828-035		1	Washer
9	0832-052		1	Bearing, Thrust	19	8424-602		1	Nut
10	0818-055		1	Cam, Gear Shift					



SECONDARY DRIVE ASSEMBLY

0744-004

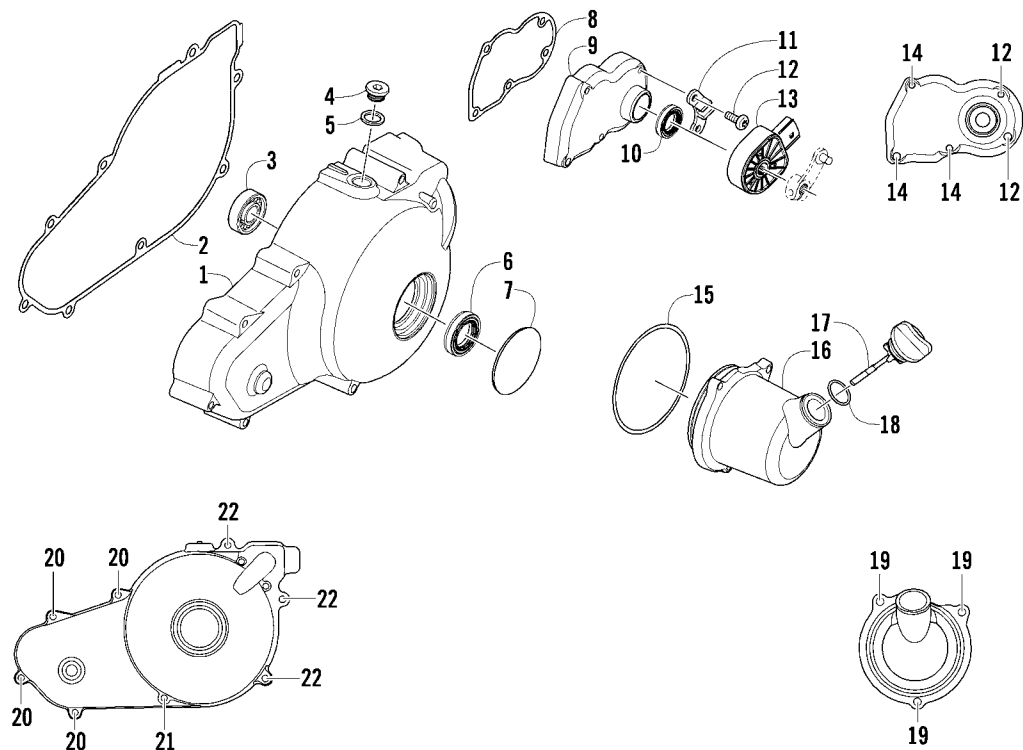
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-342		1	Driveshaft, Front - Assembly (inc. 2, one No. 3, four No. 4, and 5)	12	0819-089		1	Shaft, Secondary Driven - Front
2	1402-701		1	● Yoke, Slip	13	0832-016		1	Bearing, Driven Gear
3	0402-944		2	● Joint, Universal (inc. four No. 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
7	0828-020		2	Washer	18	0822-108		1	Gear, Secondary Drive
8	1502-325		1	Yoke, Drive Output	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	0827-060		1	Nut
	0828-028		AR	Shim, 25 x 34 x 1.10 mm					
	0828-029		AR	Shim, 25 x 34 x 1.15 mm					



MAGNETO ASSEMBLY

0742-984

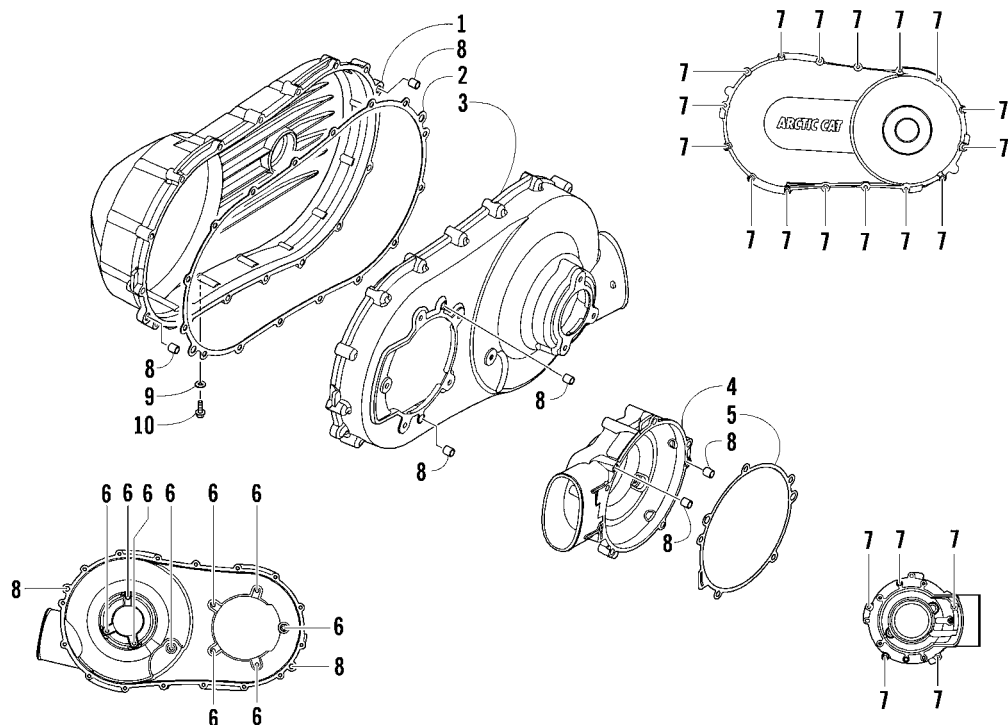
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0802-041		1	Stator - Assembly	5	0827-010		1	Nut
2	0802-052	X	1	Rotor/Flywheel	6	8470-510		4	Screw, Machine
3	0826-102		3	Screw, Machine	7	0831-064		1	Clamp
4	0829-012		1	Key					



MAGNETO SIDE ENGINE COVERS

0744-657

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0806-062		1	Cover, Magneto	12	8468-640		2	Screw, Machine
2	0830-132		1	Gasket, Magneto Cover	13	0409-125	X	1	Switch, Gear Position
3	0832-010		1	Bearing	14	8468-630		3	Screw, Machine
4	0806-022		1	Plug, Check	15	0830-162		1	O-Ring, Oil Filler Cover
5	0830-015		1	Washer, Crush	16	0801-081		1	Cover, Oil Filler
6	0830-176		1	Seal	17	0801-073		1	Stick, Oil Level (inc. 18)
7	0806-066		1	Cap, Magneto Cover	18	0830-010		1	● O-Ring
8	0830-161		1	Gasket, Gear Shift Cover	19	8468-620		3	Screw, Machine
9	0818-070		1	Cover, Gear Shift	20	8468-650		4	Screw, Machine
10	0830-044		1	Seal	21	8468-695		1	Screw, Machine
11	0818-104	X	1	Bracket, Alignment - Switch	22	8468-665		3	Screw, Machine



CLUTCH SIDE ENGINE COVERS

0742-232

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0806-068	1	Cover, Outside	6	8468-616	9	Screw, Machine
2	0830-137	1	Gasket, Cover	7	8468-630	21	Screw, Machine
3	0806-067	1	Cover, Inside	8	0829-001	6	Pin, Dowel
4	0806-064	1	Cover, Clutch	9	0830-013	1	Washer, Crush
5	0830-133	1	Gasket, Clutch Cover	10	8408-812	1	Screw, Cap

