

2012 ATV

ILLUSTRATED PARTS MANUAL

700 Mud Pro



Model Number A2012IFT4EUSA

Model Number A2012IFT4EOSA

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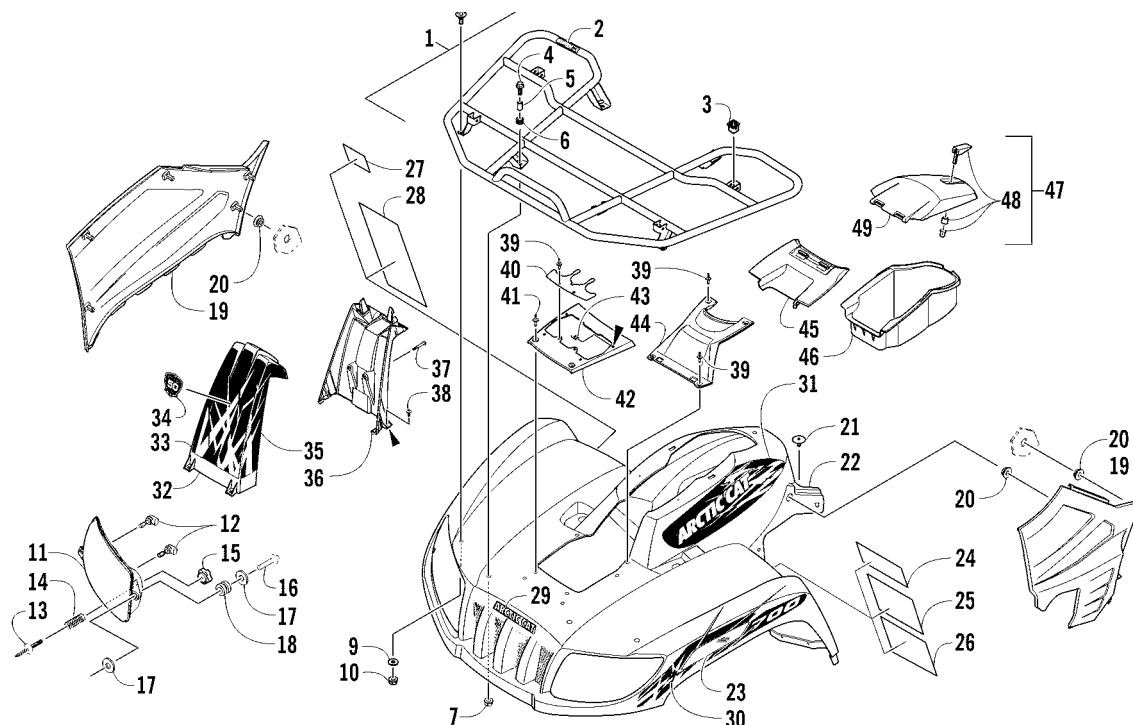
2012 ATV 700 Mud Pro

Metallic Green (Model No. A2012IFT4EUSA)

Metallic Green - International (Model No. A2012IFT4EOSA)

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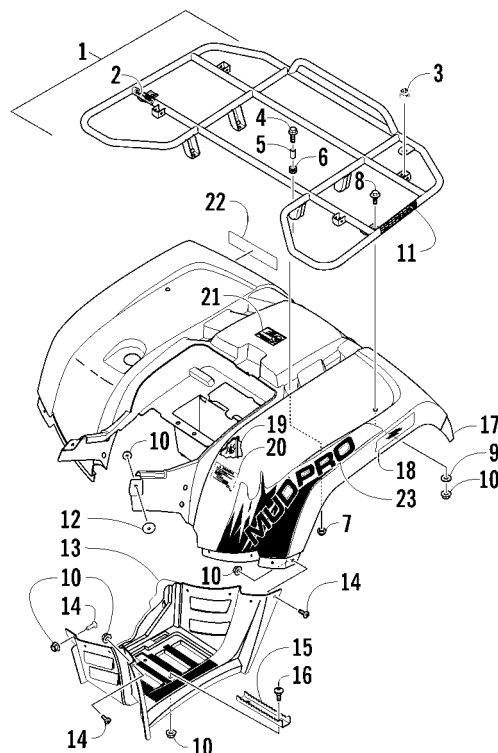
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0746-146

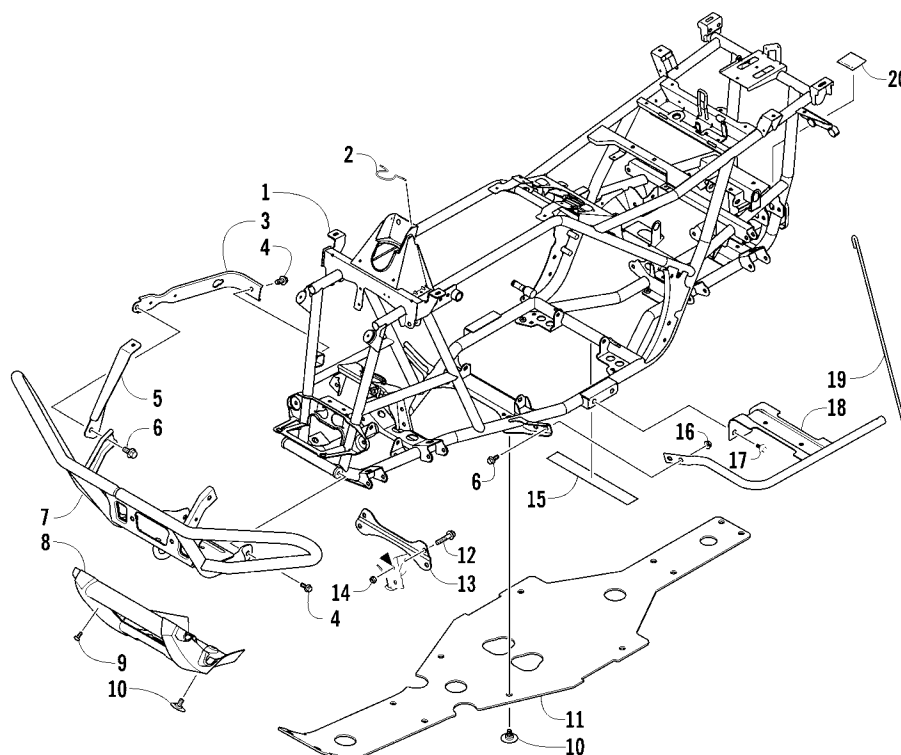
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	25	1411-804		1	● Decal, Warning - Age
2	0411-576		1	● Decal, Warning - Load	26	1411-932		1	● Decal, Warning - General
3	0441-592		4	● Bushing, Rack	27	0411-835		1	● Decal, Warning - Turn/Hill
4	8410-830		4	Screw, Cap	28	1411-250		1	● Decal, Warning - Reverse/Pre-Ride
5	0423-669		4	Spacer	29	1411-725		1	Decal, "Arctic Cat"
6	0423-465		4	Grommet	30	2411-838	X	1	Decal, Side - Front Right
7	8432-802		4	Nut, Lock		2411-839	X	1	Decal, Side - Front Left
8	0423-654		2	Screw, Shoulder	31	2411-840	X	1	Decal, Side - Upper Right
9	8050-222		2	Washer		2411-841	X	1	Decal, Side - Upper Left
10	0423-540		2	Nut, Lock	32	4506-301		1	Cover, Intake - Front - Black
11	0509-044		1	Headlight Assembly - Right (inc. 12)	33	2411-866	X	1	Decal, Intake - Front
	0509-035		1	Headlight Assembly - Left (inc. 12)	34	9611-603	X	1	Decal, 50th Anniversary
12	0409-055		4	● Bulb, Headlight	35	2411-867	X	1	Decal, Intake - Side
13	0423-514		2	Stud, Adjuster - Headlight	36	4506-306		1	Cover, Intake - Rear - Black
14	0423-522		2	Spring, Adjuster	37	8468-645		2	Screw, Machine
15	0423-513		2	Knob, Adjuster	38	8468-616		4	Screw, Machine
16	0623-785		4	Screw, Self-Tapping	39	0623-362		6	Rivet, Reinstallable
17	8050-217		8	Washer	40	2416-100		1	Shield, Splash
18	0423-447		4	Grommet	41	0423-535		2	Rivet, Reinstallable
19	2406-300		1	Panel, Side - Lower - Right	42	2516-170		1	Cover, Access
	2406-419		1	Panel, Side - Lower - Left	43	0423-577		4	Clip, U-Nut
20	0423-678		8	Grommet	44	1406-484		1	Cover, Steering Post
21	0423-101		2	Screw, Shoulder	45	0470-513		1	Cover, Storage Box
22	2516-132		1	Panel, Fender - Assembly - Green (inc. 23-28)	46	1406-573		1	Box, Storage
23	0411-818		1	● Decal, Reflector - Right - Amber	47	2506-234		1	Lid, Storage Box w/Latch (inc. 48-49)
	0411-819		1	● Decal, Reflector - Left - Amber	48	1406-599		1	● Latch, Storage Box
24	1411-574		1	● Decal, Warning - Off-Road Only	49	0470-514		1	● Lid, Storage Box



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0745-989

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-125		1	Rack, Rear - Assembly (inc. 2-3)	14	0423-419		18	Screw, Machine
2	0411-648		1	● Decal, Warning - Load	15	1506-125		2	Footpeg
3	0441-592		4	● Bushing, Rack	16	0423-355		4	Screw, Shoulder
4	8410-830		4	Screw, Cap	17	2516-951		1	Panel, Fender - Assembly - Green (inc. 18-21)
5	0423-669		4	Spacer	18	1411-592		1	● Decal, Reflector - Right - Red
6	0423-465		4	Grommet		1411-593		1	● Decal, Reflector - Left - Red
7	8432-802		4	Nut, Lock		0470-658		1	● Foil, Protective
8	0423-654		2	Screw, Shoulder	19	2411-143		1	● Decal, Warning - Tire Pressure
9	8050-222		2	Washer	20	1411-809		1	● Decal, Passenger
10	0423-540		26	Nut, Lock	21	1411-725		1	Decal, "Arctic Cat"
11	0411-965		2	Decal, "Speedrack"	22	2411-758	X	1	Decal, "Mud Pro" - Right
12	0423-101		2	Screw, Shoulder	23	2411-759	X	1	Decal, "Mud Pro" - Left
13	1406-356		1	Footwell - Right					
	2406-429		1	Footwell - Left					



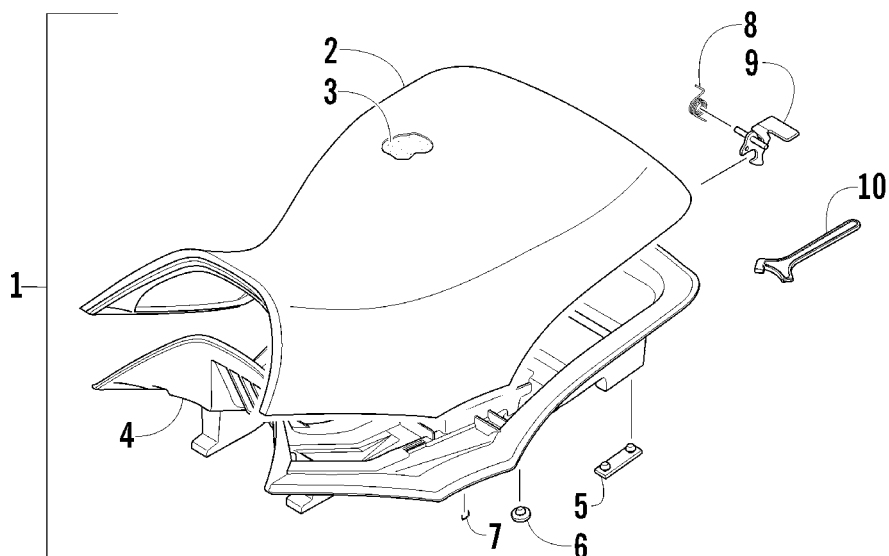
FRAME AND RELATED PARTS

0746-108

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-540	X	1	Frame, Main	11	1406-030		1	Panel, Belly
2	2416-401		1	Clip, Routing	12	8409-025		2	Screw, Cap
3	1506-596		2	Channel, Bumper Mounting	13	2516-852		1	Brace, A-Arm
4	8409-020		4	Screw, Cap	14	0423-744		2	Nut, Lock
5	1506-562		1	Bracket, Mounting - Bumper - Right	15	0406-289		2	Pad, Frame
	1506-563		1	Bracket, Mounting - Bumper - Left	16	8424-802		4	Nut
6	8408-816		6	Screw, Cap	17	8409-016		4	Screw, Cap
7	1506-855		1	Bumper, Front	18	1506-380		1	Footrest - Right
8	1406-360		1	Fascia, Bumper - Front - Black		1506-379		1	Footrest - Left
9	0423-419		2	Screw, Machine	19	2506-423		2	Rod, Support
10	0423-101		12	Screw, Shoulder	20	1411-077		1	Decal, Warning - Towing



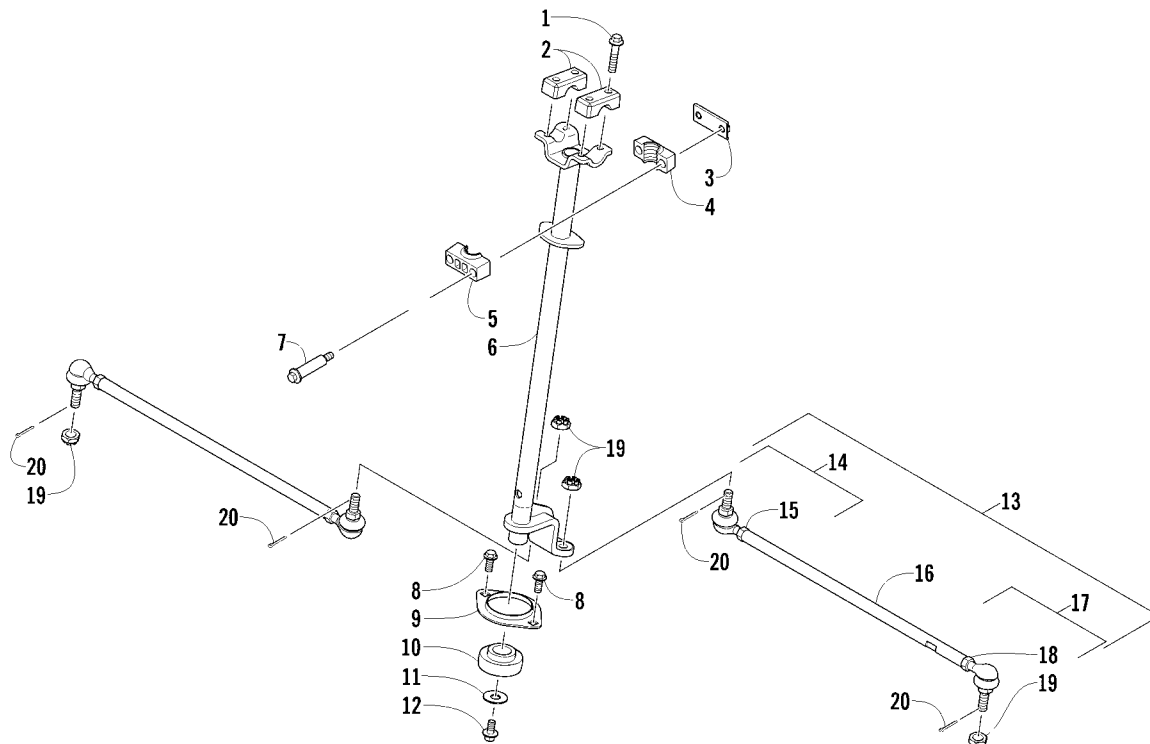
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	4	0409-057	1	● Socket
2	0509-025	1	● Housing	5	0623-301	2	Screw, Self-Tapping
3	0409-056	1	● Bulb	6	8053-212	2	Washer, External Tooth Lock



SEAT ASSEMBLY

0744-435

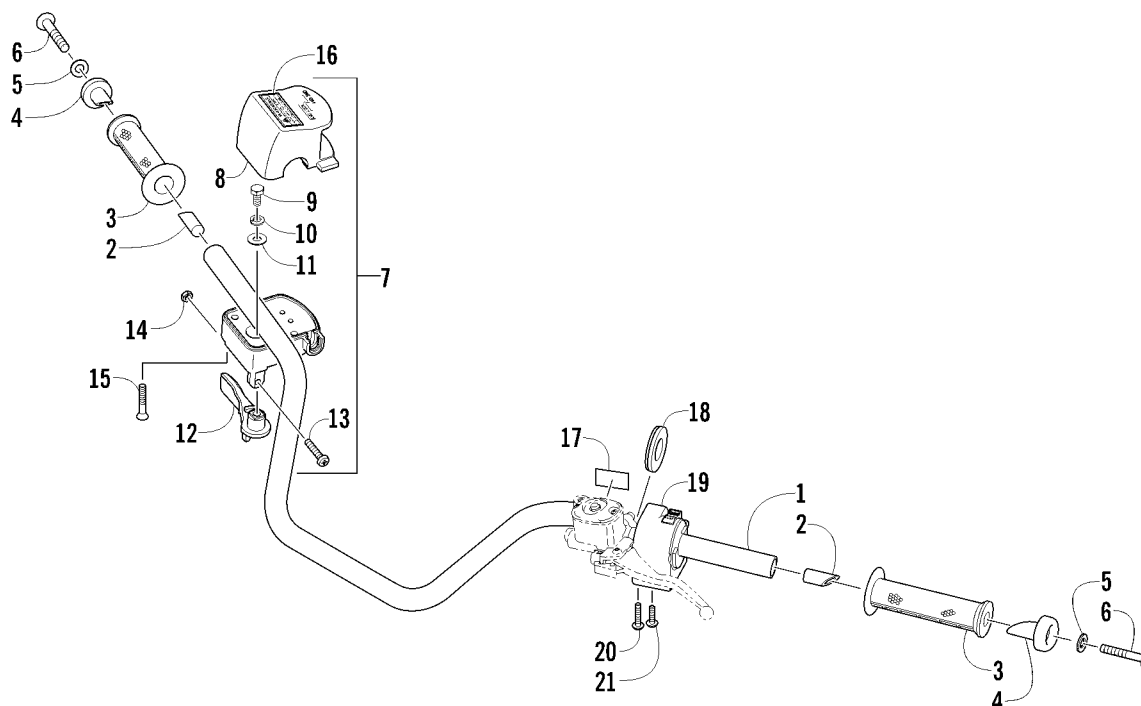
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-557	X	1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	1506-209		1	● Cover, Seat	7	0624-263	AR		● Staple
3	0517-119		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2416-826	X	1	● Base, Seat - Assembly (inc.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



STEERING ASSEMBLY

0745-320

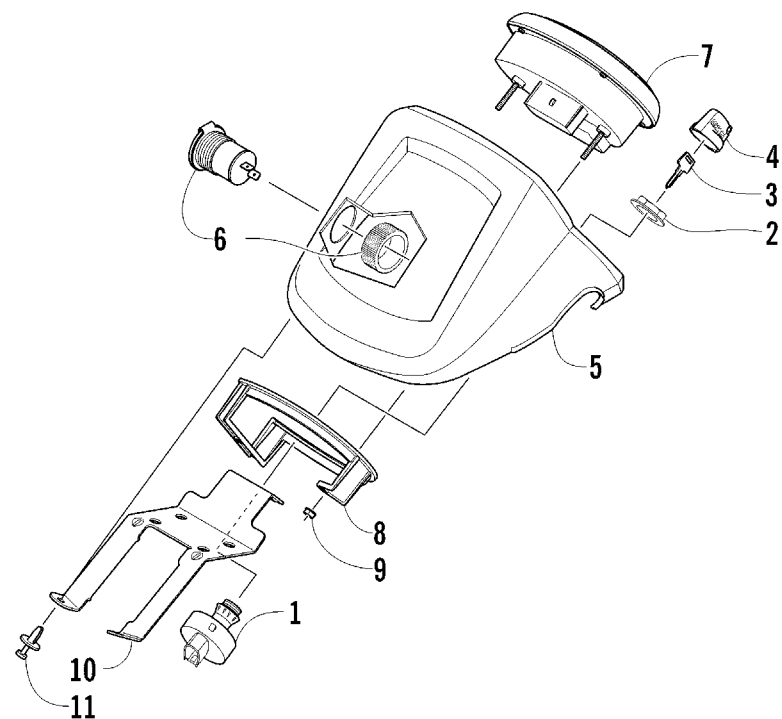
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap	12	8409-020		1	Screw, Cap
2	0405-035		2	Cap, Steering Adjuster	13	0505-499		2	Tie Rod - Assembly (inc. 14-18)
3	0505-484		1	Cap, Housing	14	0505-511		2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 15)
4	0405-260		1	Housing, Upper	15	0423-013		2	●● Nut - Left-Hand Thread
5	0405-259		1	Housing, Lower	16	0405-281		2	● Tie Rod
6	0505-493		1	Post, Steering	17	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 18)
7	0423-505		2	Screw, Shoulder	18	8420-002		2	●● Nut - Right-Hand Thread
8	8408-816		2	Screw, Cap	19	0423-157		4	Nut, Lock
9	0602-233		1	Flange, Bearing	20	0623-175		4	Pin, Cotter
10	0405-052		1	Bearing w/Inverted Oil Seal					
11	0423-073		1	Washer					



HANDLEBAR ASSEMBLY

0744-426

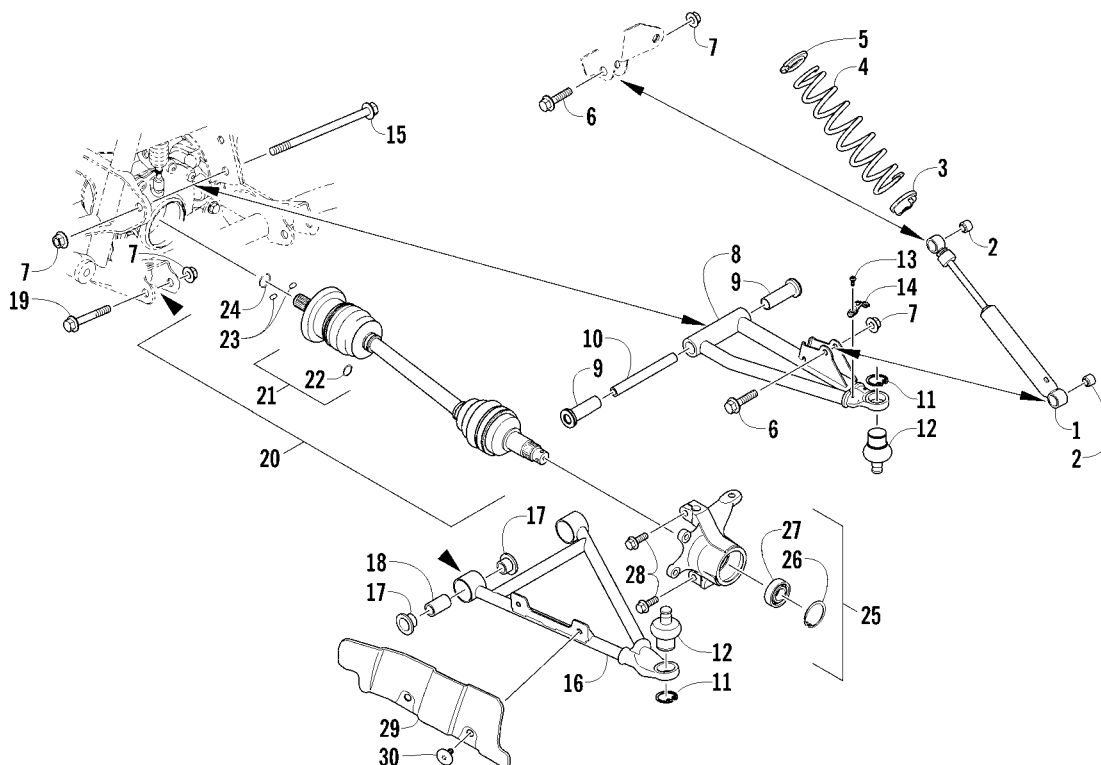
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-537		1	Handlebar	12	0409-133		1	● Lever, Throttle
2	0405-218		2	Plug, Handlebar	13	3423-014		1	● Screw, Machine
3	0405-147		2	Grip, Handlebar	14	3423-327		1	● Nut
4	0405-149		2	End Cap, Handlebar	15	3423-199		2	● Screw, Machine
5	8050-247		2	Washer	16	0411-966		1	Decal, Warning - Differential Lock
6	8477-845		2	Screw, Machine	17	1411-865		1	Decal, Warning - Brake Lever Lock
7	0509-054		1	Case, Throttle - Assembly (inc. 8-15)	18	3409-019		1	Cover, Switch Housing
8	0409-141		1	● Cover, Throttle Case w/Switch	19	0509-014		1	Switch, Control - Assembly (inc. 20-21)
9	3007-392		1	● Screw, Cap	20	0409-028		1	● Screw, Machine
10	3004-447		1	● Washer, Lock	21	0409-027		1	● Screw, Machine
11	3003-030		1	● Washer					



INSTRUMENT POD ASSEMBLY

0744-544

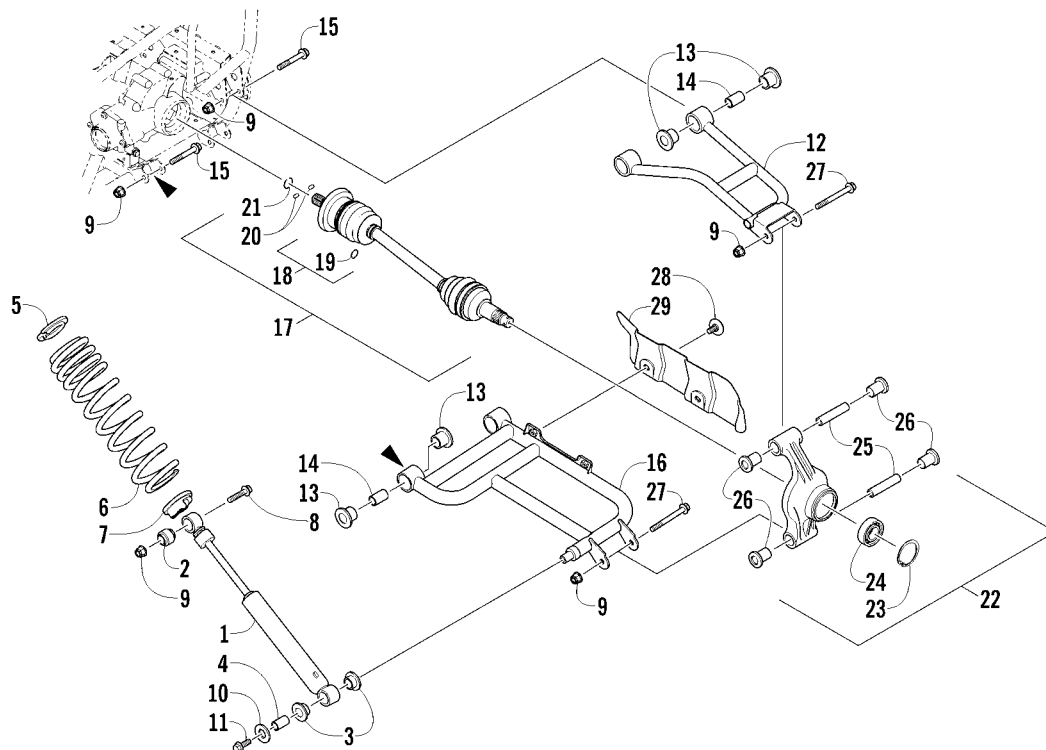
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	0641-897		1	Outlet, Accessory - 12V
2	0430-050		1	● Nut, Retaining	7	0520-171	X	1	Gauge, LCD
3	0430-042		1	● Key, Ignition (Y Series - Left-Side Cut)	8	0420-065		1	Bracket, Retaining
	0430-043		1	● Key, Ignition (Z Series - Right-Side Cut)	9	0423-493		2	Nut w/Washer
4	0430-054		1	● Cover, Key	10	2506-470		1	Bracket, Mounting - Instrument Pod
5	0505-591		1	Instrument Pod - Black	11	0423-535		2	Rivet, Reinstallable



FRONT SUSPENSION ASSEMBLY

0745-247

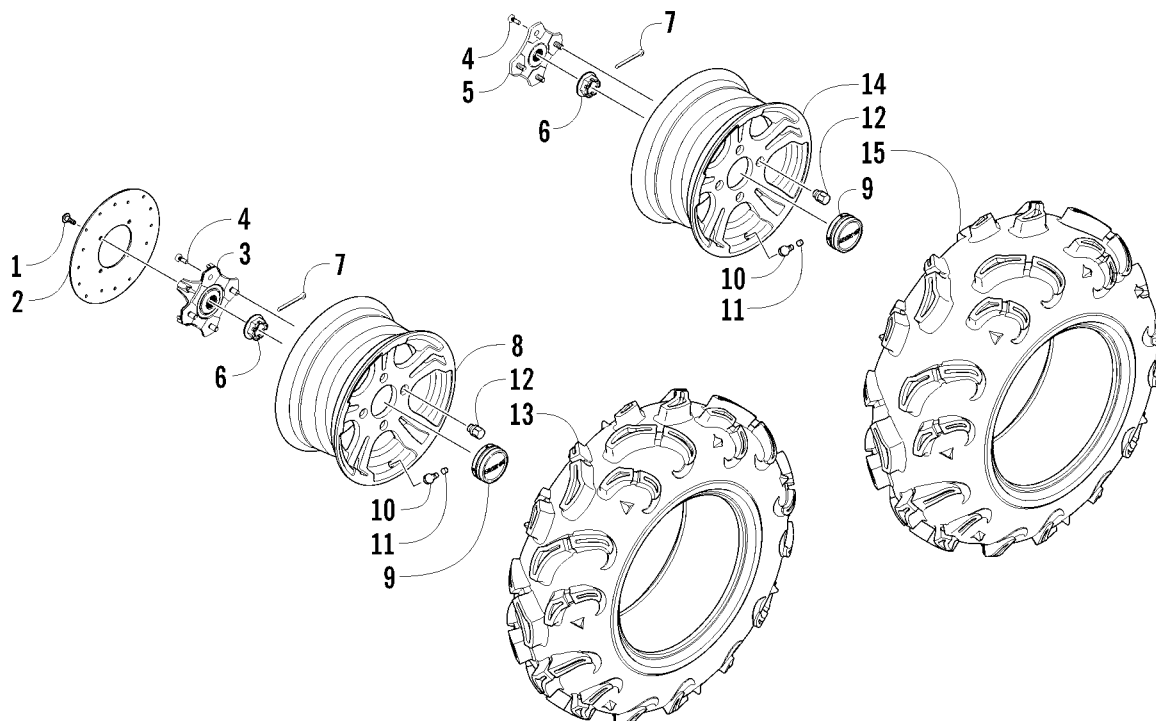
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-180		2	Shock Absorber (inc. 2)	17	0403-208		8	● Bushing
2	0403-182		4	● Bushing	18	0403-214		4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0403-210		2	Spring, Suspension - White	20	1502-806		1	Axle, Drive - 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	0505-576		1	Knuckle - Assembly - Right (inc. 26-27)
10	0403-080		2	● Axle		0505-577		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

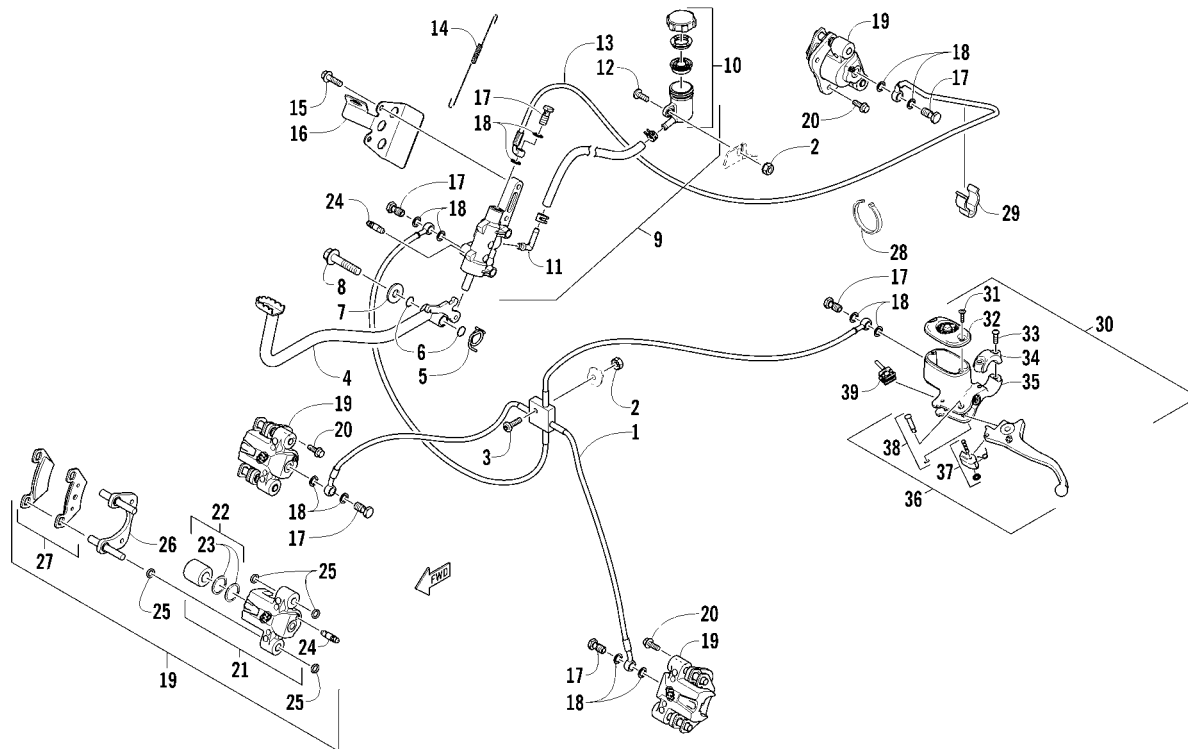
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-150		2	Shock Absorber (inc. 2-4)	16	0504-572		1	A-Arm, Rear - Lower Right - Black (inc. 13-14)
2	0403-182		2	● Bushing		0504-573		1	A-Arm, Rear - Lower Left - Black (inc. 13-14)
3	0603-955		4	● Bushing	17	1502-804		2	Axle, Drive (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	0404-171		2	Spring, Suspension - White	20	1402-884		4	● Pin, Detent
7	0404-057		2	Cam, Spring Adjuster	21	1402-890		2	● Clip, Retaining
8	8409-040		1	Screw, Cap - Right	22	0504-548		1	Knuckle, Right - Assembly (inc. 23-26)
	8409-050		1	Screw, Cap - Left		0504-549		1	Knuckle, Left - Assembly (inc. 23-26)
9	0423-744		14	Nut, Lock	23	0423-423		2	● Ring, Retaining
10	0423-087		2	Washer	24	1402-809		2	● Bearing
11	8408-820		2	Screw, Cap	25	0403-213		4	● Axle
12	0504-582		1	A-Arm, Rear - Upper Right - Black (inc. 13-14)	26	0403-206		8	● Bushing
	0504-583		1	A-Arm, Rear - Upper Left - Black (inc. 13-14)	27	8409-000		4	Screw, Cap
13	0403-208		16	● Bushing	28	0423-545		4	Screw, Shoulder
14	0403-214		8	● Axle	29	1406-068		1	Guard, Boot - Rear - Right - Black
15	8409-075		8	Screw, Cap		1406-069		1	Guard, Boot - Rear - Left - Black



WHEEL AND TIRE ASSEMBLY

0745-553

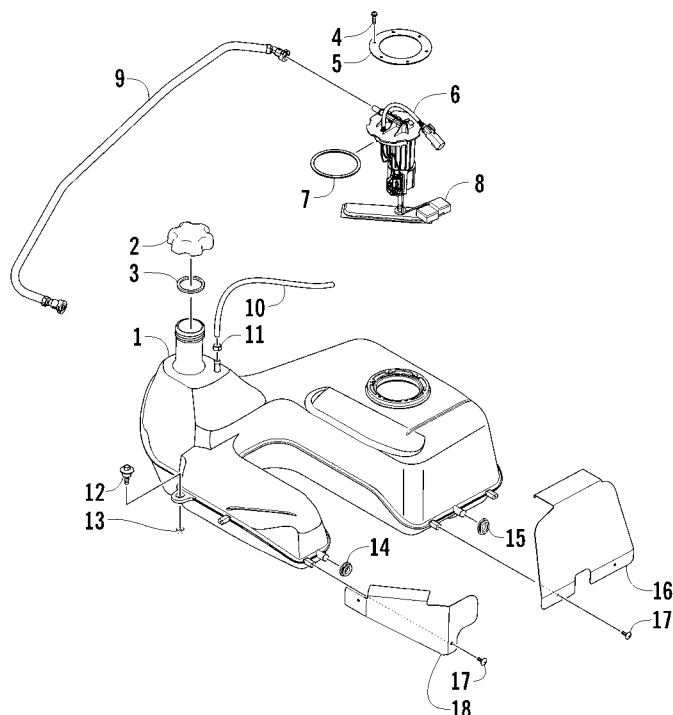
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		12	Screw, Shoulder	8	1402-732		2	Wheel - Front - Aluminum (inc. 9)
2	1436-418		3	Disc, Brake	9	1402-736		4	● Cap, Wheel
3	1502-462		2	Hub, Wheel - Front (inc. 4)	10	0402-064		4	Stem, Valve (inc. 11)
4	0402-974		16	● Stud	11	0402-140		4	● Cap, Valve Stem
5	1502-462		1	Hub, Wheel - Rear - Right (inc. 4)	12	0423-618		16	Nut, Lug - Chrome
	1502-464		1	Hub, Wheel - Rear - Left (inc. 4)	13	1402-855		2	Tire - Front
6	0423-607		4	Nut, Castle	14	1402-918		2	Wheel - Rear - Aluminum (inc. 9)
7	0423-407		4	Pin, Cotter	15	1402-901		2	Tire - Rear



HYDRAULIC BRAKE ASSEMBLY

0745-856

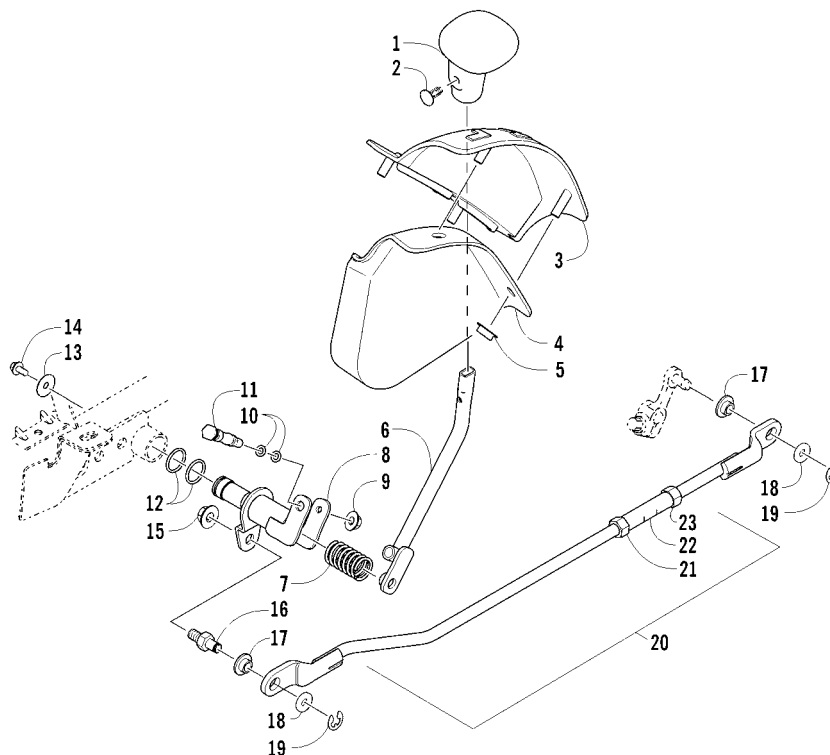
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-015		1	Hose, Brakeline - Assembly	21	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 20 and 22-24)
2	0623-038		2	Nut w/Washer		1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 20 and 22-24)
3	8476-625		1	Screw, Machine		1436-161		1	● Housing, Caliper - Assembly - Rear (inc. two No. 20 and 22-24)
4	1502-063		1	Lever, Brake	22	0502-606		3	●● Piston/Seal Set (inc. 23)
5	0502-807		1	Spring, Brake Lever	23	0502-607		3	●●● Seal Set
6	1602-213		2	O-Ring	24	0502-609		4	●● Valve, Bleed
7	8050-252		1	Washer	25	0502-608		3	● O-Ring, Guide - Set
8	8408-816		1	Screw, Cap	26	0502-960		3	● Bracket Assembly
9	1502-293		1	Brake Assembly (inc. 10)	27	1502-694		3	● Pad, Brake - Set
10	1502-155		1	● Reservoir, Brake w/Clamp	28	0123-788		AR	Tie, Cable - 8 in.
11	1502-296		1	Adapter, Hose	29	1502-115		2	Clip, Brakeline Hose
12	8476-616		1	Screw, Machine	30	1502-902	X	1	Brake Assembly (inc. 31-39)
13	1502-593		1	Hose, Brakeline	31	0502-566		1	● Screw, Machine - Kit
14	0502-785		1	Spring, Brake Switch	32	0502-868		1	● Cover, Reservoir
15	8408-625		2	Screw, Cap	33	0502-568		1	● Screw, Machine - Kit
16	1502-179		1	Bracket, Switch	34	0502-869		1	● Clamp, Master Cylinder
17	0423-413		6	Bolt, Banjo-Fitting	35	0502-704		1	● Master Cylinder Assembly
18	0423-178		12	Washer, Crush	36	1502-904	X	1	● Lever Assembly - Kit (inc. 37-38)
19	1502-730		1	Caliper, Brake - Right Front (inc. two No. 20 and 21-27)	37	1502-905	X	1	●● Lock, Brake Lever - Kit
	1502-731		1	Caliper, Brake - Left Front (inc. two No. 20 and 21-27)	38	0502-580		1	●● Lever Pin - Kit
	1502-731		1	Caliper, Brake - Rear (inc. two No. 20 and 21-27)	39	0502-564		1	● Switch, Brake
20	8408-821		6	● Screw, Cap					



GAS TANK ASSEMBLY

0745-555

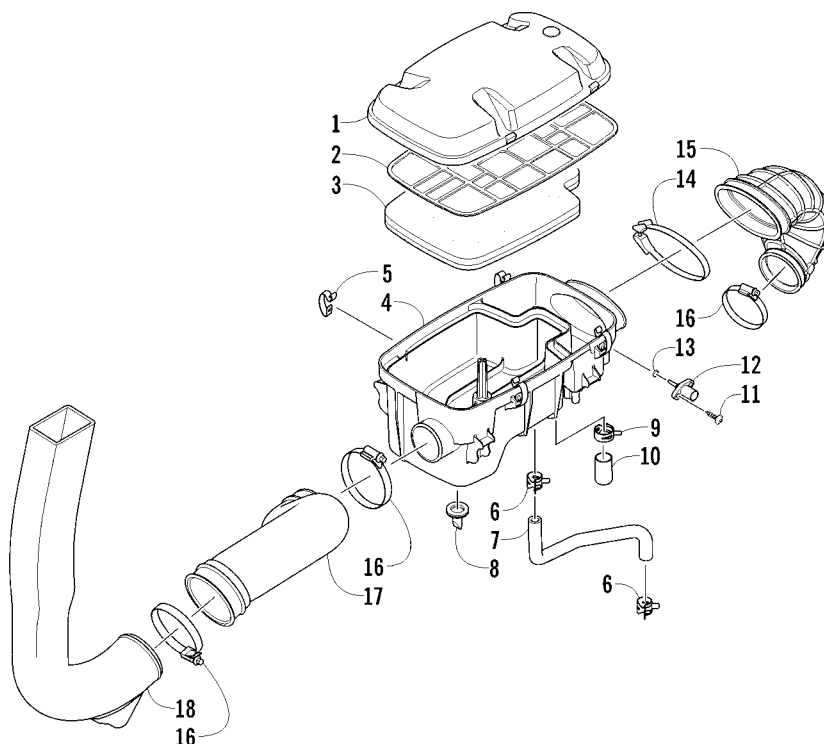
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-307		1	Tank, Gas - Assembly (inc. 2-5)	10	0410-070		AR	Hose, Gasline - 25 ft
2	0470-438		1	● Cap, Gas Tank (inc. 3)	11	0423-688		1	Clamp, Hose
3	0109-733		1	●● Gasket, Gas Tank Cap	12	0423-732		2	Screw, Shoulder
4	0423-898		6	●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



SHIFT LEVER ASSEMBLY

0745-123

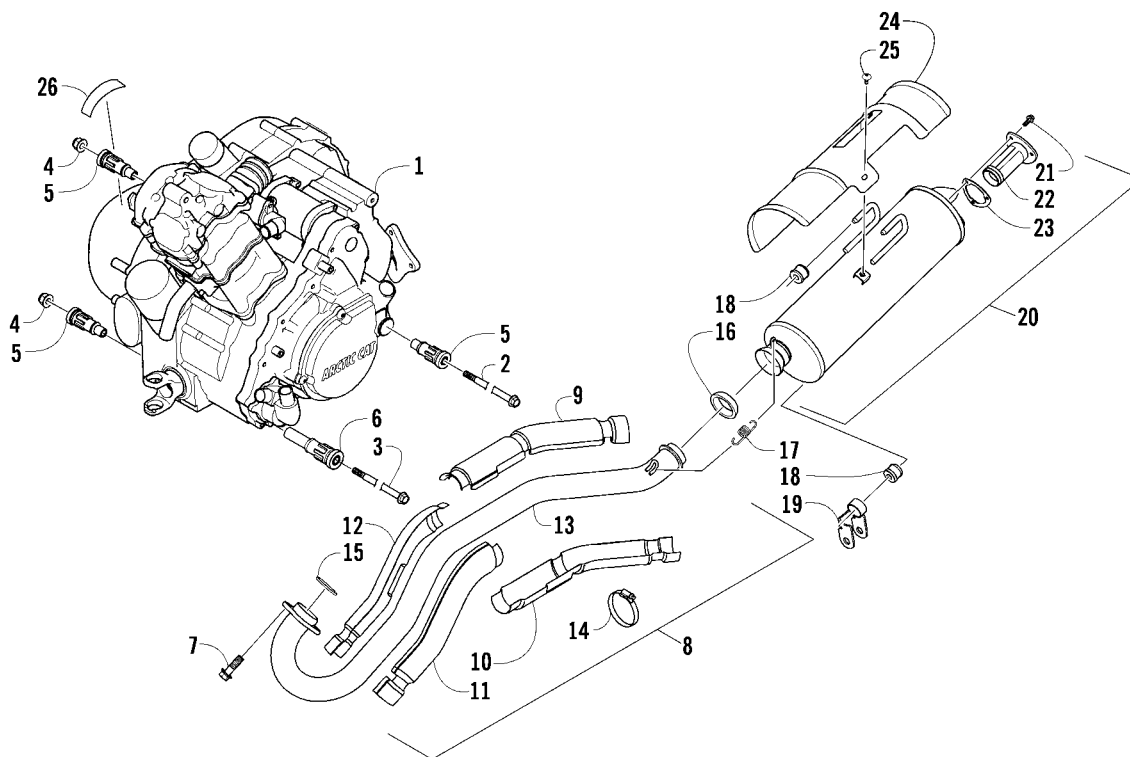
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	13	0423-087		1	Washer
2	0423-345		1	Clip, Retaining	14	8408-812		1	Screw, Cap
3	1402-576		1	Plate, Shift	15	8424-802		1	Nut
4	2406-345		1	Shield, Shift Plate	16	1402-621		1	Pin, Mounting
5	0423-357		4	Nut, Stamped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



AIR INTAKE ASSEMBLY

0744-784

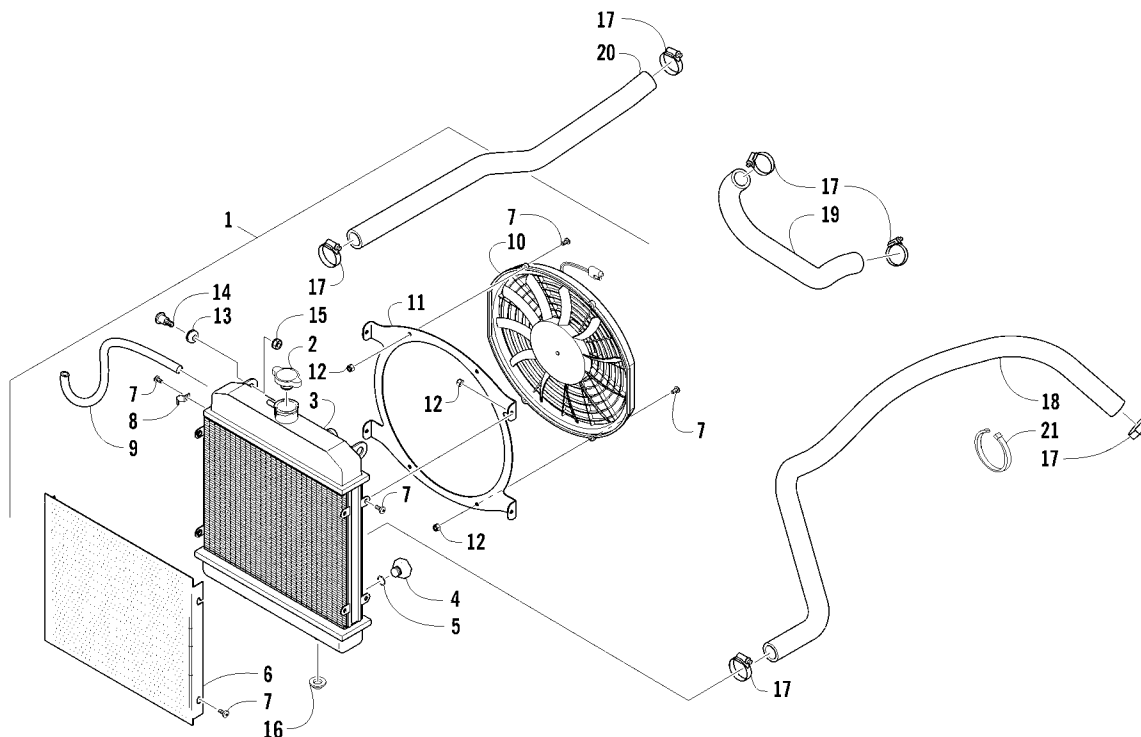
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-877	1		Cover, Air Intake	10	0423-766	1		Cap, Drain
2	0470-560	1		Screen, Air Filter	11	0423-342	2		Screw, Self-Tapping
3	0470-558	1		Filter, Air	12	0430-055	1		Sensor, Air Temperature (inc. 13)
4	0470-728	1		Housing, Air Intake	13	5507-224	1		● O-Ring
5	0423-455	4		Clip, Spring	14	0423-554	1		Clamp
6	1623-281	2		Clamp, Hose	15	0470-511	1		Boot, Air Intake
7	0410-172	1		Hose, Vent	16	0423-019	3		Clamp
8	0470-858	1		Valve, Drain	17	0470-529	1		Duct, Air Intake
9	1623-287	1		Clamp	18	0413-210	1		Duct, Air Intake



ENGINE AND EXHAUST

0743-292

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-125	X	1	Engine, A700M	14	0423-317		4	● Clamp
2	0423-451		1	Screw, Cap	15	0412-338		1	Gasket, Exhaust
3	0423-405		1	Screw, Cap	16	0412-375		1	Seal, Exhaust
4	8428-002		2	Nut, Lock	17	0612-668		2	Spring, Extension
5	0801-129		3	Mount, Engine	18	0412-577		3	Bushing
6	0801-122		1	Mount, Engine	19	1506-732		1	Channel, Support
7	8408-820		2	Screw, Cap	20	0512-355		1	Muffler - Assembly (inc. 21-23)
8	0512-345		1	Pipe, Exhaust - Assembly (inc. 9-14)	21	8408-616		3	● Screw, Cap
9	0412-350		1	● Shield, Exhaust Pipe - Outer - Rear	22	0512-219		1	● Arrester, Spark - Assembly
10	0412-339		1	● Shield, Exhaust Pipe - Inner - Rear	23	0412-313		1	● Gasket
11	0412-349		1	● Shield, Exhaust Pipe - Inner - Front	24	0412-373		1	Cover, Muffler
12	0412-348		1	● Shield, Exhaust Pipe - Outer - Front	25	8477-610		3	Screw, Machine
13	0512-344		1	● Pipe, Exhaust	26	0411-426		1	Decal, Warning - Clutch Cover

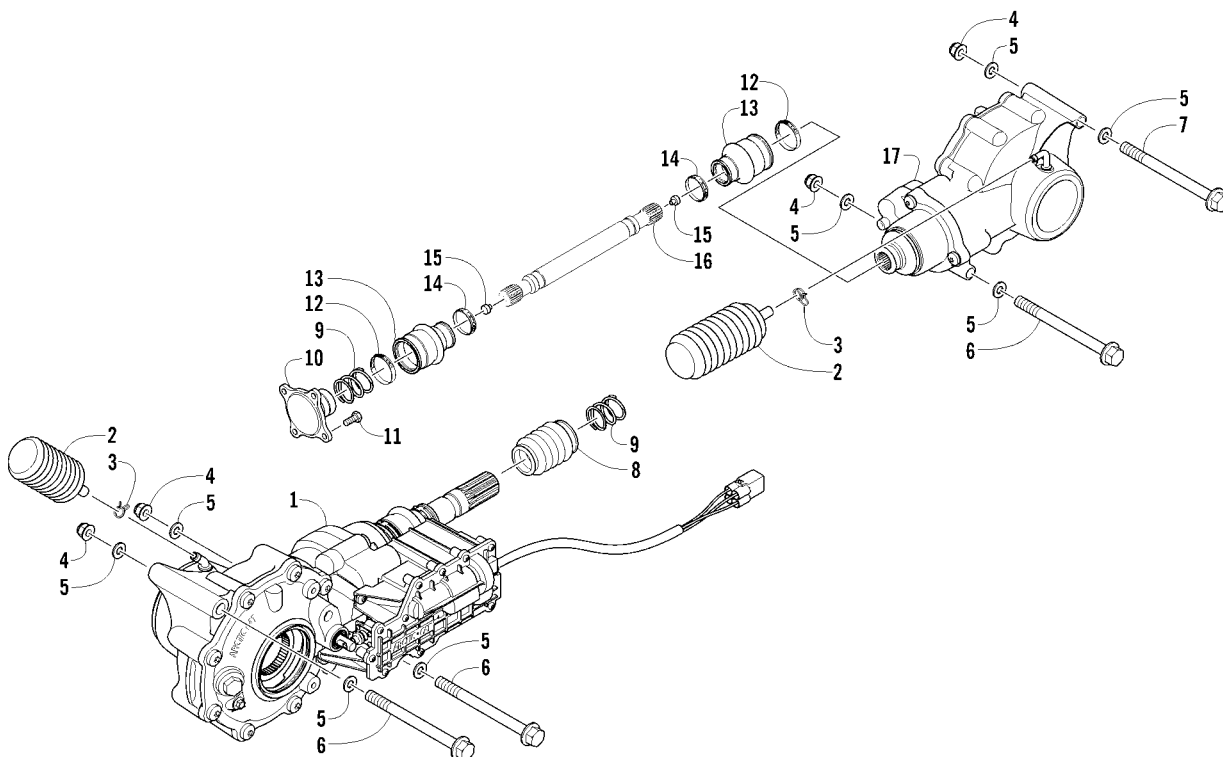


COOLING ASSEMBLY

0745-991

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-259	1	1	Radiator Assembly (inc. 2-13)	11	0413-240	1	1	● Bracket, Retaining
2	0413-255	1	1	● Cap, Radiator	12	8422-502	8	8	● Nut, Lock
3	0413-205	1	1	● Radiator	13	0423-030	2	2	● Grommet
4	0413-195	1	1	● Plug, Drain	14	0423-484	2	2	Screw, Shoulder
5	1602-213	1	1	● O-Ring	15	0623-038	2	2	Nut w/Washer
6	0413-007	1	1	● Screen, Radiator	16	0423-028	2	2	Bushing, Stem
7	8475-512	12	12	● Screw, Machine	17	0423-496	6	6	Clamp, Hose
8	0423-351	1	1	● Clamp, Wire	18	0410-229	1	1	Hose, Coolant - Lower
9	0610-016	AR	AR	● Hose - 25 ft	19	0410-022	1	1	Hose, Coolant - Crossover
	0610-015	AR	AR	● Hose - 100 ft	20	0410-002	1	1	Hose, Coolant - Upper
10	0413-123	1	1	● Fan, Cooling	21	0623-751	AR	AR	Tie, Cable - 11.75 in.

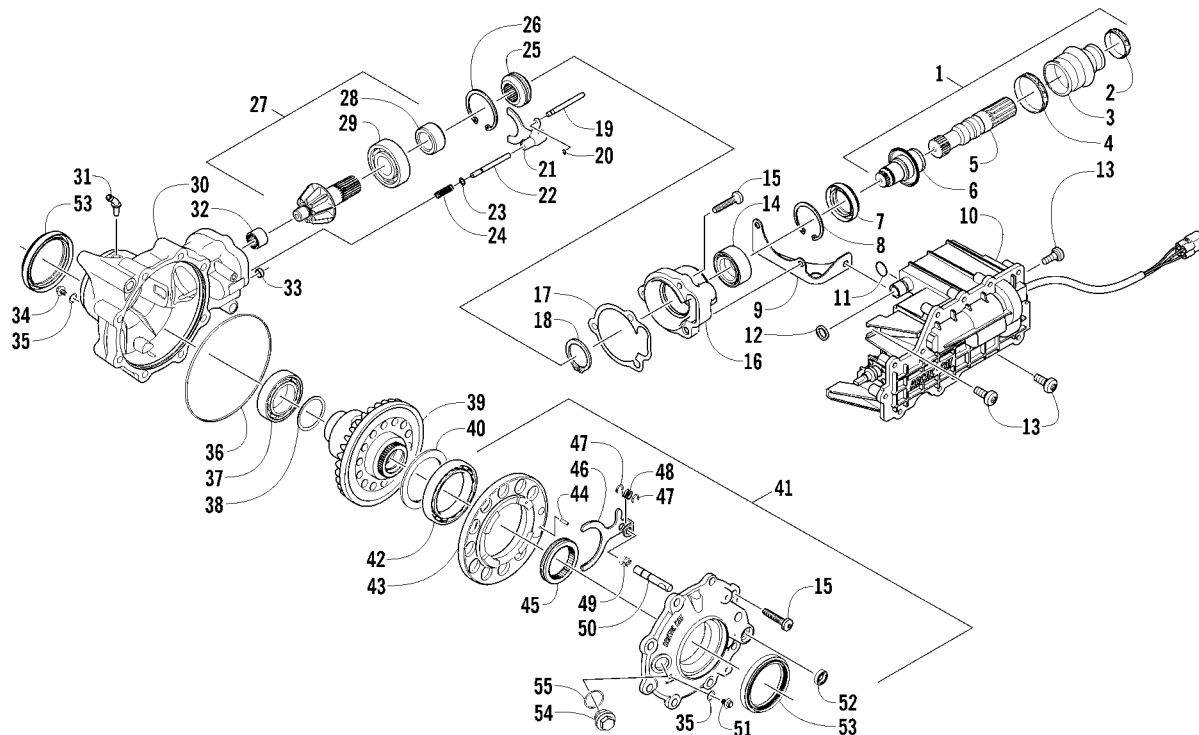
18



DRIVE TRAIN ASSEMBLY

0746-148

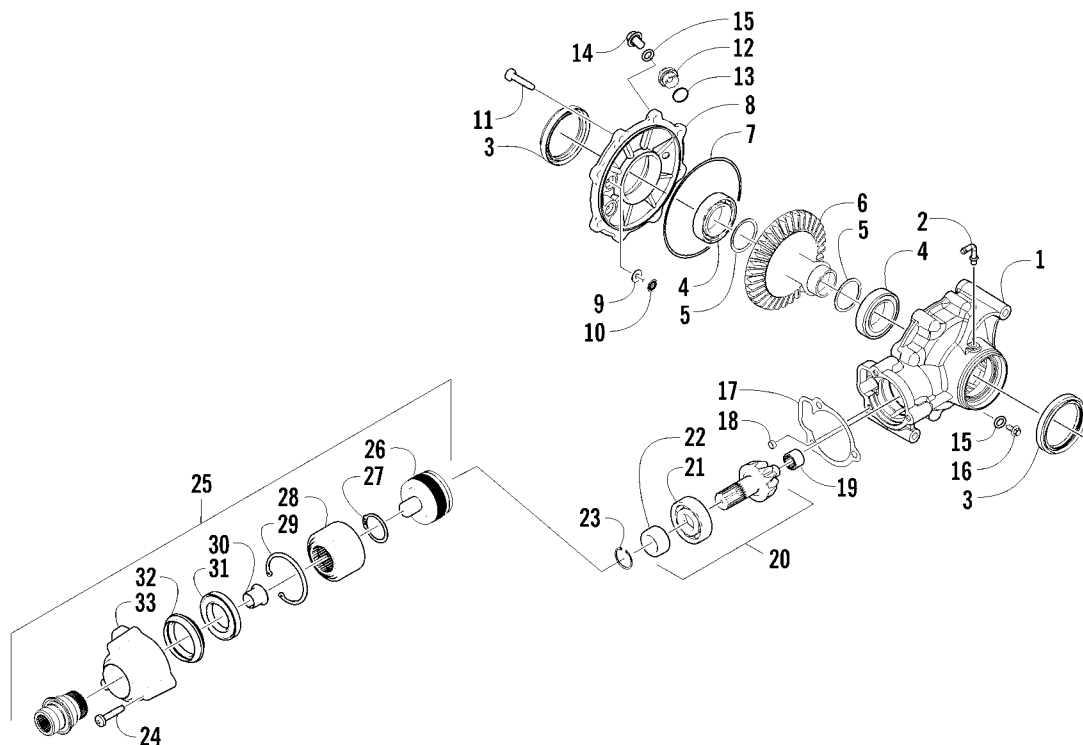
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-877	X	1	Gearcase, Front	10	0402-950		1	Flange, Output
2	1402-620		2	Bladder, Gearcase	11	8408-820		4	Screw, Cap
3	0423-315		2	Clamp, Hose	12	0423-393		2	Clamp
4	8428-002		4	Nut, Lock	13	0402-985		2	Boot
5	0423-426		8	Washer	14	0423-411		2	Clamp
6	0423-404		3	Screw, Cap	15	0673-618		2	Bumper, Propeller Shaft
7	0423-830		1	Screw, Cap	16	1402-233		1	Shaft, Propeller
8	0402-966		1	Boot, Shaft	17	1502-880	X	1	Gearcase, Rear
9	1402-026		2	Spring					



FRONT DRIVE GEARCASE ASSEMBLY

0745-863

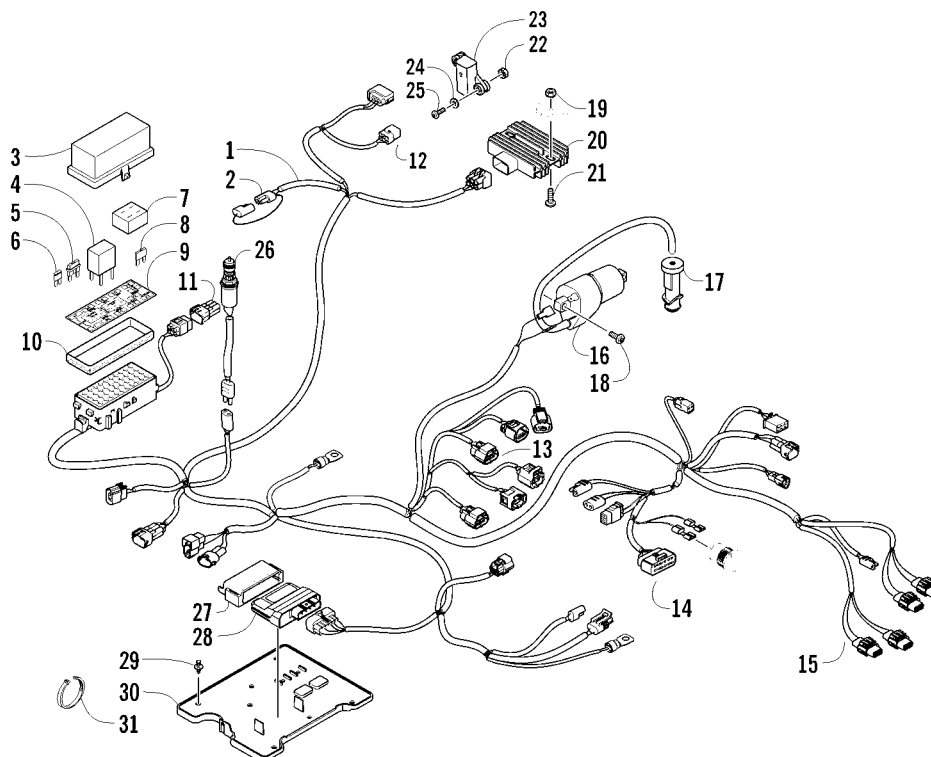
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-877	X	1	Complete Front Drive Gearcase Assembly	32	0402-328		1	Bearing
1	1502-083		1	Shaft, Propeller - Assembly (inc. 2-6)	33	0402-411		1	Pin, Dowel
2	0423-411		1	● Clamp	34	1402-210		1	Plug, Magnetic (inc. one No. 35)
3	0402-985		1	● Boot, Propeller Shaft	35	0423-153		2	● O-Ring
4	0423-393		1	● Clamp	36	0423-149		1	O-Ring
5	1402-045		1	● Shaft, Output	37	0402-393		1	Bearing
6	1502-085		1	● Shaft, Input	38	0402-405		AR	Shim, 41 x 49 x 1.3 mm
7	1402-011		1	Seal		0402-406		AR	Shim, 41 x 49 x 1.4 mm
8	0423-423		1	Ring, Retaining		0402-407		AR	Shim, 41 x 49 x 1.5 mm
9	1502-237		1	Bracket, Actuator		0402-408		AR	Shim, 41 x 49 x 1.6 mm
10	1502-909	X	1	Actuator (inc. 11)		0402-409		AR	Shim, 41 x 49 x 1.7 mm
11	1402-981		1	● O-Ring	39	1502-859	X	1	Gear, Ring - 34T
12	0423-892		1	O-Ring	40	1402-074		AR	Shim, 61 x 69 x 1.3 mm
13	0423-396		3	Screw, Self-Tapping		1402-075		AR	Shim, 61 x 69 x 1.4 mm
14	1402-043		1	Bearing		1402-076		AR	Shim, 61 x 69 x 1.5 mm
15	0423-118		11	Screw, Self-Tapping		1402-077		AR	Shim, 61 x 69 x 1.6 mm
16	0502-528		1	Housing, Pinion		1402-078		AR	Shim, 61 x 69 x 1.7 mm
17	0402-947		1	Gasket, Flange	41	1502-895	X	1	Cover, Gearcase (inc. one No. 35, 42-52, and one No. 53)
18	0423-417		1	Ring, Retaining	42	1402-053		1	● Bearing
19	0402-997		1	Shaft, Selector	43	0502-413		1	● Flange, Bearing
20	0423-402		1	Ring, Retaining	44	1402-079		1	● Pin, Parallel
21	0402-998		1	Fork, Selector	45	1402-042		1	● Collar, Sliding
22	0402-417		1	Shaft, Shuttle	46	1402-054		1	● Fork
23	0423-147		1	O-Ring	47	1402-058		2	● Ring, Retaining
24	0402-999		1	Spring, Return	48	1402-057		1	● Spring
25	0402-413		1	Coupler, Drive	49	1402-063		1	● Spring
26	1423-067	X	1	Ring, Retaining	50	1402-656		1	● Shaft, Lock
27	1502-851	X	1	Gear, Pinion - Assembly - 11T (inc. 28-29)	51	1402-211		1	● Plug, Oil Level (inc. one No. 35)
28	1402-977	X	1	● Collar, Retaining	52	1402-056		1	● Seal
29	0402-327		1	● Bearing	53	1402-950	X	2	● Seal
30	1502-856	X	1	Housing, Gearcase	54	0402-333		1	Plug, Fill (inc. 55)
31	1402-980	X	1	Fitting, Elbow	55	0423-154		1	● O-Ring



REAR DRIVE GEARCASE ASSEMBLY

0745-994

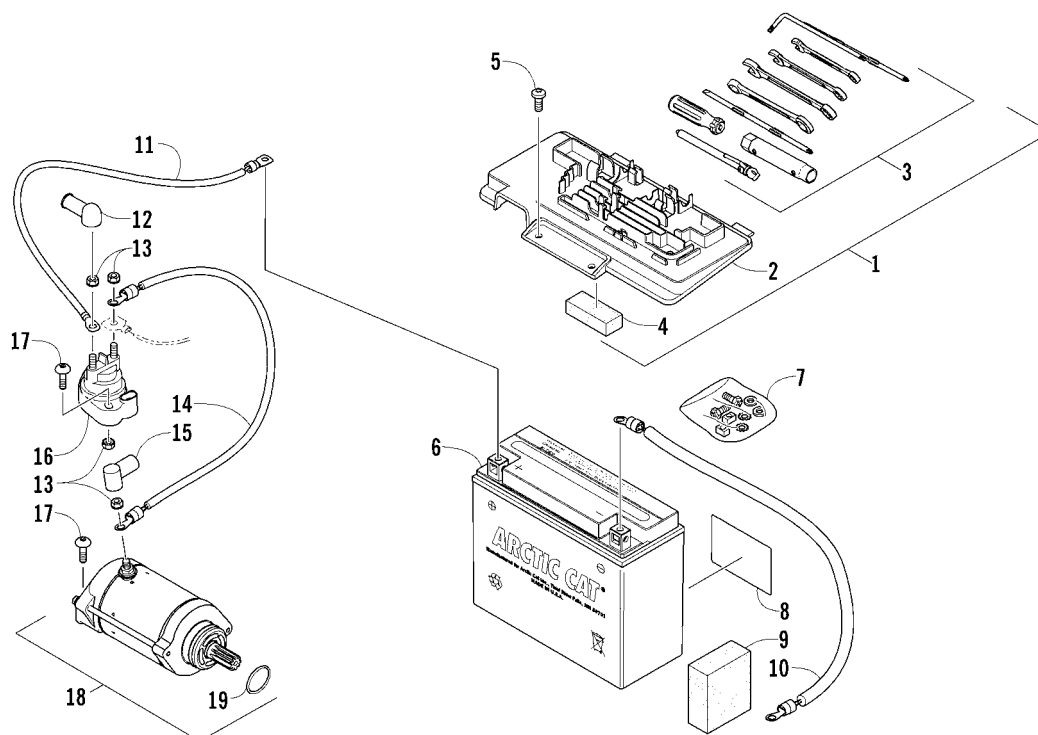
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-880	X	1	Complete Rear Drive Gearcase Assembly	13	0423-154		1	● O-Ring
1	1502-896	X	1	Housing, Gearcase	14	1402-211		1	Plug, Oil Level (inc. one No. 15)
2	1402-442		1	Fitting, Elbow	15	0423-153		2	● O-Ring
3	1402-950	X	2	Seal	16	0402-450		1	Plug, Magnetic (inc. one No. 15)
4	0402-393		2	Bearing	17	0402-947		1	Gasket
5	0402-405		AR	Shim, 41 x 49 x 1.3 mm	18	0402-411		1	Pin, Dowel
	0402-406		AR	Shim, 41 x 49 x 1.4 mm	19	0402-328		1	Bearing
	0402-407		AR	Shim, 41 x 49 x 1.5 mm	20	1502-851	X	1	Gear, Pinion - Assembly - 11T (inc. 21-22)
	0402-408		AR	Shim, 41 x 49 x 1.6 mm	21	0402-327		1	● Bearing
	0402-409		AR	Shim, 41 x 49 x 1.7 mm	22	1402-977	X	1	● Collar, Retaining
6	1402-033		1	Gear, Ring - 34T	23	1423-067	X	1	Ring, Retaining
7	0423-149		1	O-Ring	24	0423-834		3	Screw, Self-Tapping
8	1502-897	X	1	Cover, Gearcase	25	1502-829		1	Shaft, Input (inc. 26-33)
9	0402-429		AR	Shim, 6.3 x 18 x 1.3 mm	26	1502-564		1	● Cartridge, Clutch - Assembly
	0402-430		AR	Shim, 6.3 x 18 x 1.4 mm	27	0423-799		1	● Ring, Retaining - External
	0402-431		AR	Shim, 6.3 x 18 x 1.5 mm	28	1402-682		1	● Basket, Clutch
	0402-432		AR	Shim, 6.3 x 18 x 1.6 mm	29	0423-798		1	● Ring, Retaining - Internal
	0402-433		AR	Shim, 6.3 x 18 x 1.7 mm	30	1402-678		1	● Bearing, Flange
10	0402-326		1	Button, Thrust	31	1402-677		1	● Bearing
11	0423-118		8	Screw, Self-Tapping	32	1402-687		1	● Seal
12	0402-333		1	Plug, Fill (inc. 13)	33	1502-285		1	● Housing, Input



WIRING HARNESS ASSEMBLY

0745-556

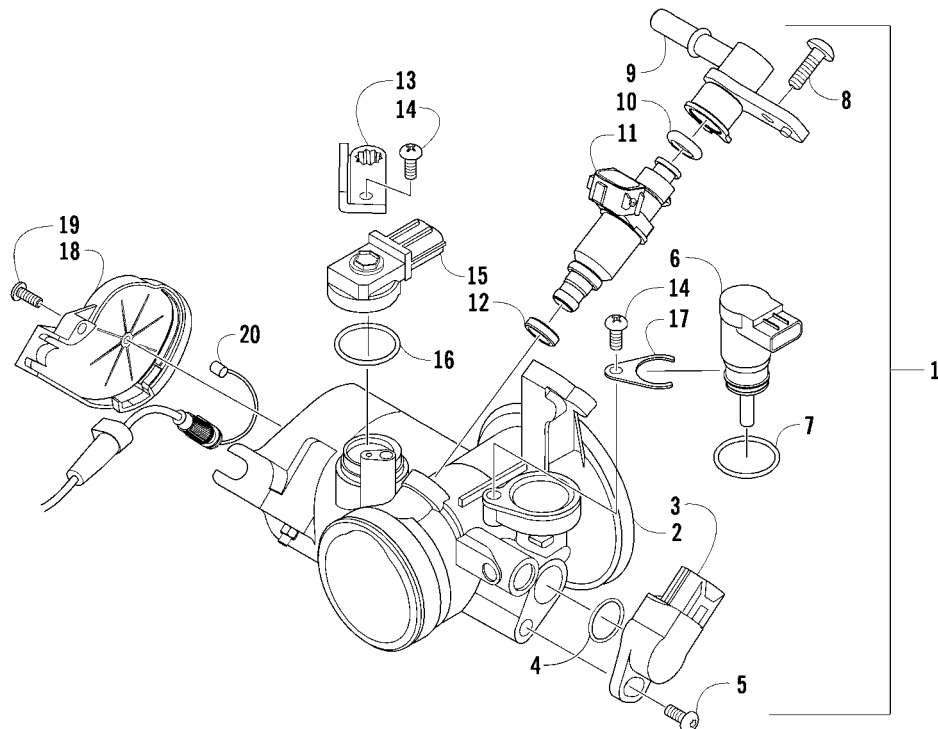
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-405		1	Harness, Main (inc. 2-11)	16	0824-043		1	Coil, Ignition
2	0486-164		1	● Tether, Accessory Connector	17	0824-049		1	Cap, Spark Plug
3	0430-085		1	● Cover, Fuse Block	18	8476-620		2	Screw, Machine
4	0430-045		5	● Relay (4-Pin) - 20 Amp	19	0623-038		2	Nut w/Washer
5	0430-034		1	● Diode	20	0824-037		1	Regulator, Voltage
6	0430-100		1	● Breaker, Circuit - 15 Amp	21	8476-625		2	Screw, Machine
7	0430-037		1	● Holder, Fuse	22	0423-493		2	Nut w/Washer
8	0430-032		5	● Fuse - 10 Amp	23	0409-064		1	Sensor, Tilt
	0430-031		3	● Fuse - 15 Amp	24	0123-802		2	Washer
	0430-030		2	● Fuse - 30 Amp	25	8468-425		2	Screw, Machine
9	2411-180		1	● Decal, Fuse Block	26	0409-089		1	Switch, Brake - Assembly
10	0430-086		1	● Seal	27	0430-076		1	Cushion, ECU
11	0430-097		1	● Cover, Diagnostics Connector	28	0530-074	X	1	ECU
12	1436-416		1	Repair Kit, Connector - Tilt Sensor	29	0623-362		4	Rivet, Reinstallable
13	1436-417		1	Repair Kit, Connector - Idle Speed Control	30	2406-643		1	Tray, Electrical
14	1436-415		1	Repair Kit, Connector - LCD Gauge	31	0123-788		AR	Tie, Cable - 8 in.
15	1436-289	AR		Repair Kit, Connector - Headlight		0123-903		AR	Tie, Cable - 11.5 in.



BATTERY AND STARTER ASSEMBLY

0745-257

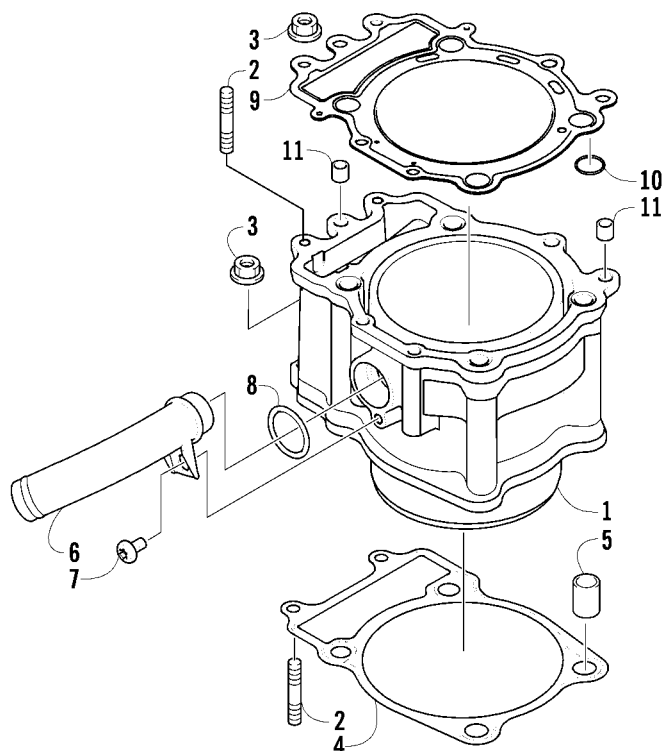
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-070		1	Cable, Battery/Ground
2	2406-815		1	● Cover, Battery	11	0445-062		1	Cable, Battery/Solenoid
3	0444-122		1	● Kit, Tool	12	0645-327		1	Boot, Terminal
4	0417-016		1	● Pad, Battery	13	0623-038		5	Nut w/Washer
5	8476-620		2	Screw, Machine	14	0445-064		1	Cable, Solenoid/Starter (inc. 15)
6	0645-480		1	Battery Assembly (inc. 7-8)	15	0645-019		1	● Boot, Terminal
7	0445-082		1	● Kit, Hardware	16	0445-058		1	Solenoid
8	0645-430		1	● Decal, Warning	17	8476-625		4	Screw, Machine
9	0417-012		1	Foam, Battery	18	0825-024		1	Motor, Starter - Assembly (inc. 19)
					19	0830-228	X	1	● O-Ring



THROTTLE BODY ASSEMBLY

0743-846

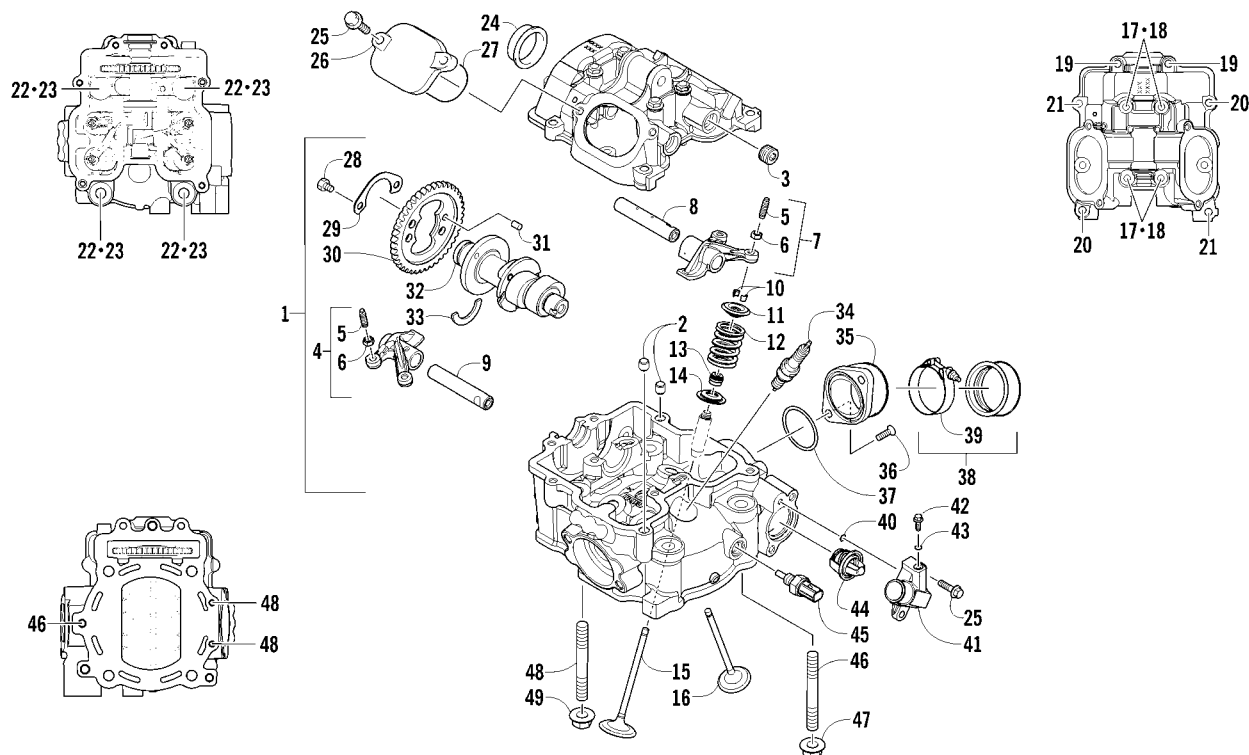
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-753		1	Throttle - Assembly (inc. 2-19)	11	0470-762		1	● Injector, Fuel
2	—		1	● Throttle Body - Not a Service Part	12	0470-768		1	● Seal
3	0430-072		1	● Sensor, Throttle Position	13	5507-227		1	● Bracket, MAP Sensor
4	5507-234		1	● O-Ring	14	5507-117		2	● Screw, Machine
5	5507-231		1	● Screw, Machine	15	0430-073		1	● Sensor, MAP
6	0430-074		1	● Valve, ISC	16	5507-232		1	● O-Ring
7	5507-233		1	● O-Ring	17	5507-229		1	● Plate, ISC Valve
8	5507-238		1	● Screw, Machine	18	5507-223		1	● Cover
9	0470-687		1	● Rail, Fuel	19	5507-037		1	● Screw, Machine
10	0470-767		1	● O-Ring	20	0487-065		1	Cable, Throttle



CYLINDER ASSEMBLY

0743-952

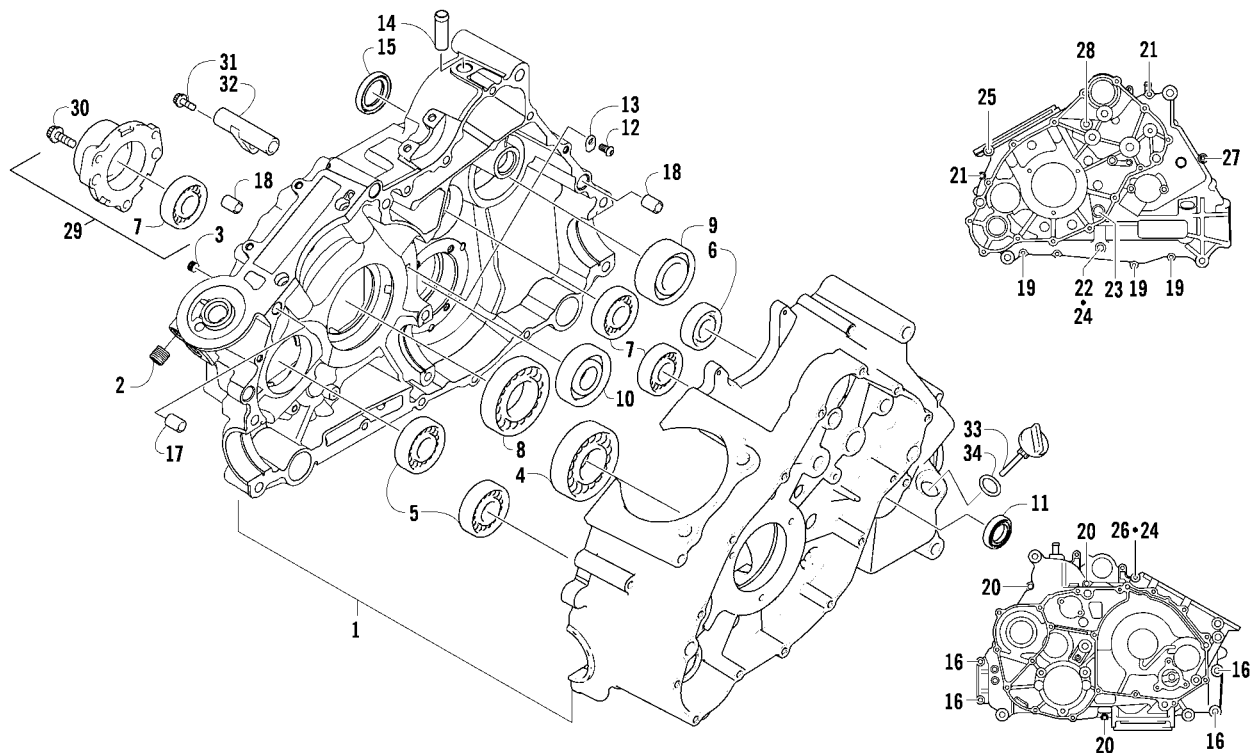
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0804-053	1	Cylinder	7	8468-612	1	Screw, Machine
2	0827-002	4	Bolt, Stud	8	0830-007	1	O-Ring
3	8424-604	4	Nut	9	0830-112	1	Gasket, Cylinder Head
4	0830-111	1	Gasket, Base	10	0830-113	4	O-Ring
5	0829-002	2	Pin, Dowel	11	0829-048	2	Pin,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



CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0745-419

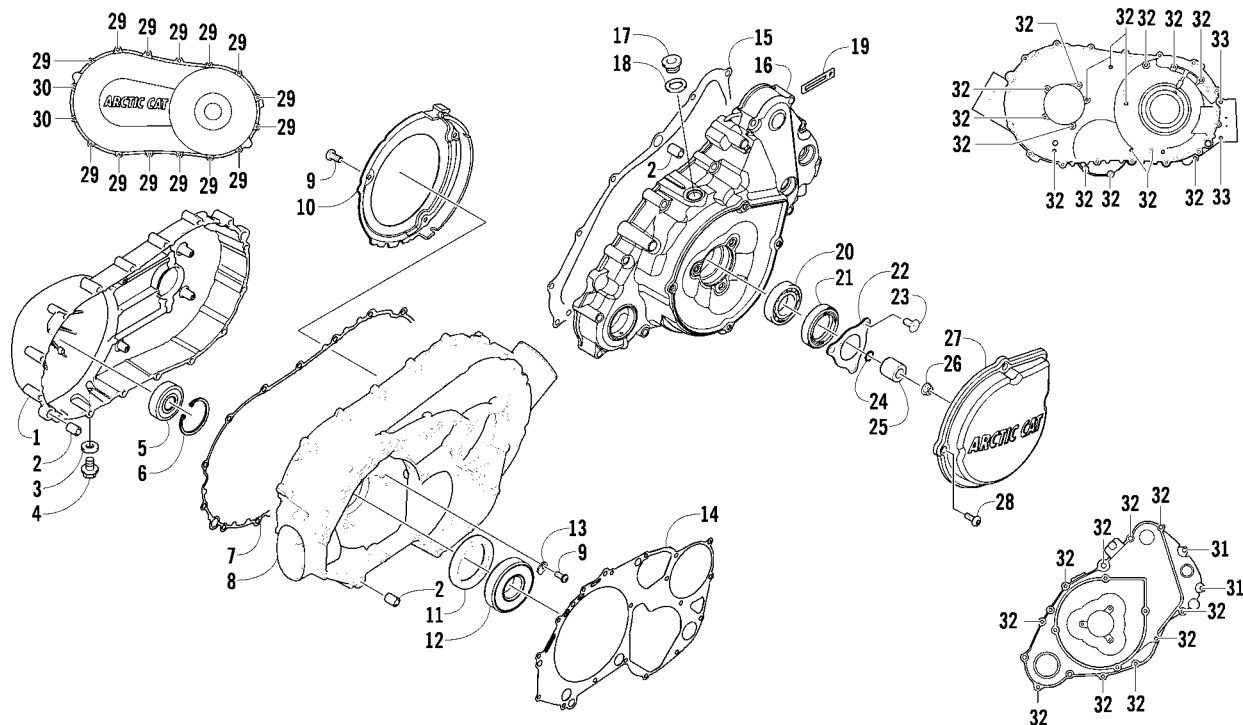
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-184		1	Head, Cylinder - Assembly (inc. 2-17)	25	0826-007		6	Screw, Cap
2	0829-048		2	● Pin, Dowel	26	0808-003		2	Cap, Inspection
3	0831-092	X	2	● Plug, Shaft	27	0830-167		2	O-Ring
4	0809-237		1	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	28	0826-034		2	Screw, Cap
5	0809-240		4	●● Screw, Adjuster	29	0828-004		1	Plate, Retainer
6	0827-059		4	●● Nut	30	0809-212	X	1	Sprocket
7	0809-234		1	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	31	0829-049		1	Pin, Dowel
8	0809-241		1	● Shaft, Rocker Arm - Intake	32	0809-245		1	Camshaft
9	0809-242		1	● Shaft, Rocker Arm - Exhaust	33	0809-003		1	C-Ring
10	0809-233		8	● Cotter, Valve	34	0217-799		1	Spark Plug - CPR8E
11	0809-232		4	● Retainer, Spring	35	0470-668		1	Flange, Intake Manifold
12	0809-231		4	● Spring, Valve	36	0826-008		2	Screw, Machine
13	0830-186		4	● Seal, Oil	37	0830-090		1	O-Ring
14	0809-215		4	● Seat, Spring - Valve	38	0437-069		1	Boot (inc. 39)
15	0809-228		2	● Valve, Intake	39	1423-041		1	● Clamp
16	0809-229		2	● Valve, Exhaust	40	0830-168		1	O-Ring
17	0826-149		4	● Screw, Cap	41	0808-208		1	Cover, Thermostat (inc. 42-43)
18	0830-155		4	Gasket	42	8408-512		1	● Screw, Cap
19	0826-002		2	Screw, Cap	43	0423-182		1	● O-Ring
20	0826-005		2	Screw, Cap	44	0808-078		1	Thermostat
21	0826-006		2	Screw, Cap	45	0808-124		1	Sensor, Engine Coolant Temperature
22	0808-037		4	Screw, Cap	46	0827-031		1	Bolt, Stud
23	0830-147		4	Washer	47	8424-804		1	Nut
24	0808-077		1	Plug, Cylinder Head	48	0827-054		2	Bolt, Stud
					49	8424-604		2	Nut



CRANKCASE ASSEMBLY

0743-953

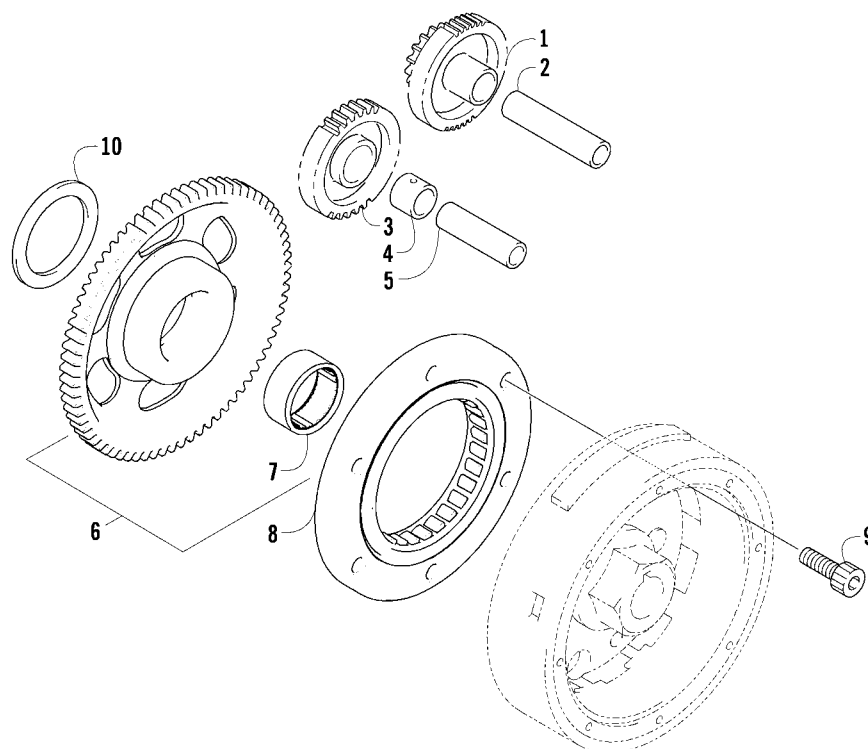
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-151		1	Crankcase Assembly (inc. 2-15)	19	8468-645		3	Screw, Machine
2	0812-064		2	● Plug	20	8468-655		3	Screw, Machine
3	0801-002		1	● Plug	21	8468-675		2	Screw, Machine
4	0832-043		1	● Bearing	22	8412-860		1	Screw, Cap
5	0832-044		2	● Bearing	23	0826-017		1	Screw, Cap
6	0832-049		1	● Bearing	24	0830-008		2	Gasket
7	0832-050		3	● Bearing	25	0826-019		1	Screw, Cap
8	0832-042		1	● Bearing	26	0826-018		1	Screw, Cap
9	0832-048		1	● Bearing	27	8468-695		1	Screw, Machine
10	0832-077		1	● Bearing	28	8468-680		1	Screw, Machine
11	0822-052		1	● Seal, Countershaft	29	0801-029		1	Housing, Secondary Shaft (inc. one No. 7)
12	0826-100		4	● Screw, Machine	30	0826-105		3	Screw, Cap
13	0822-010		4	● Retainer, Bearing	31	0826-038		1	Screw, Cap
14	0801-028		1	● Pipe, Breather	32	0801-069		1	Pipe, Breather
15	0830-035		1	● Seal, Driveshaft	33	0801-179		1	Stick, Oil Level
16	8412-850		4	Screw, Cap	34	0830-010		1	O-Ring
17	0829-003		1	Pin, Dowel					
18	0829-002		5	Pin, Dowel					



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0743-969

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0806-089		1	Cover, V-Belt	18	0830-015		1	Washer, Crush
2	0829-002		6	Pin, Dowel	19	3002-964		1	Clamp, Wire
3	0830-013		1	Washer, Crush	20	1602-981		1	Bearing
4	8408-812		1	Screw, Cap	21	0830-158		1	Seal
5	0832-060		1	Bearing	22	0805-008		1	Retainer, Seal
6	0831-078		1	Ring, Retaining	23	0826-031		3	Screw, Machine
7	0830-174		1	Gasket, V-Belt Cover	24	0830-108		1	O-Ring
8	0806-091		1	Cover, Clutch	25	0820-061		1	Bushing
9	0826-029		5	Screw, Machine	26	0827-008		1	Nut
10	0806-048		1	Plate, Air Intake	27	0820-062		1	Cover, Magneto
11	0830-188		1	Seal	28	8468-616		4	Screw, Machine
12	0832-009		1	Bearing	29	8468-645		14	Screw, Machine
13	0822-010		2	Retainer, Bearing	30	8468-655		2	Screw, Machine
14	0830-116		1	Gasket, Clutch Cover	31	8468-625		2	Screw, Machine
15	0830-128		1	Gasket, Magneto Cover	32	8468-640		26	Screw, Machine
16	0806-082		1	Cover, Magneto - Assembly	33	8468-675		2	Screw, Machine
17	0826-155		1	Plug					

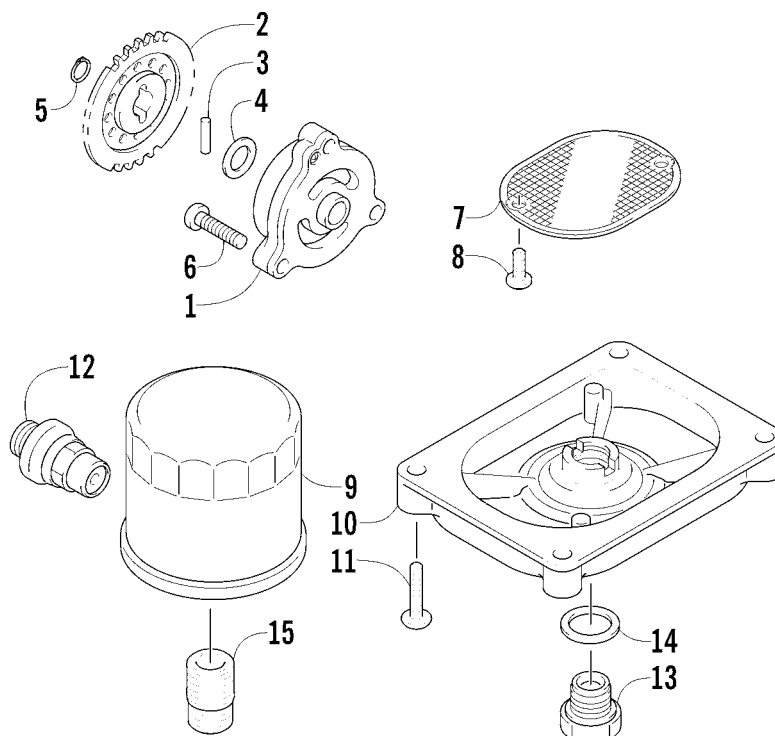


STARTER CLUTCH ASSEMBLY

0739-940

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

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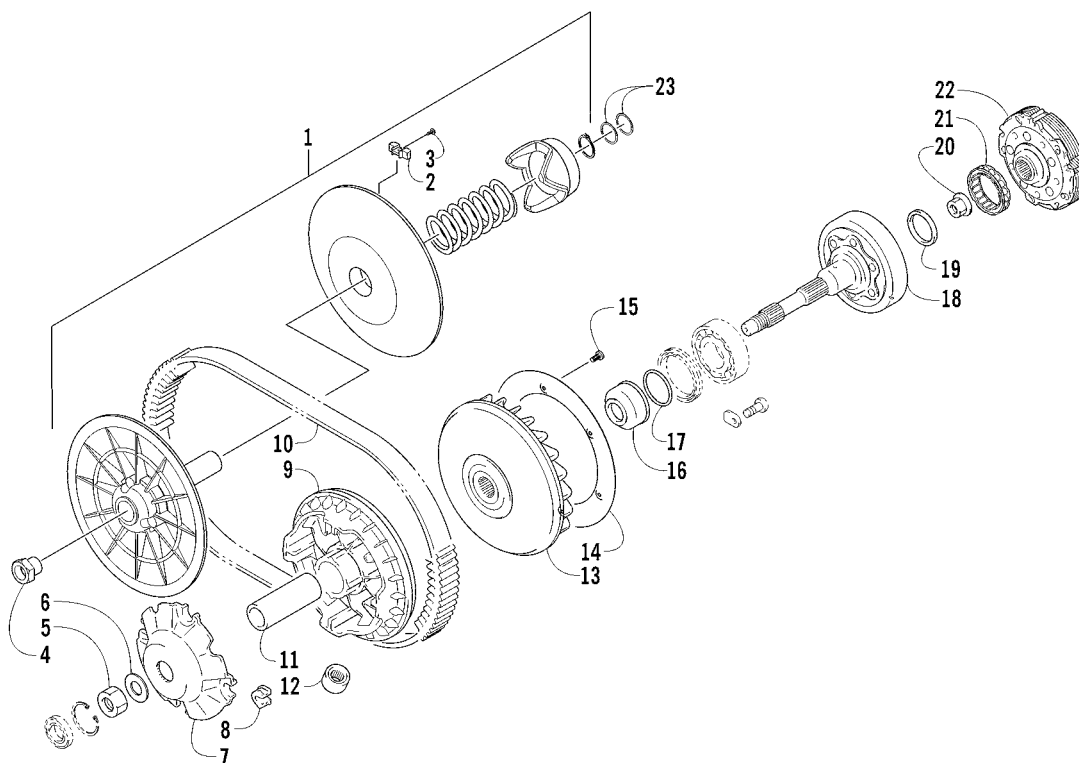


OIL FILTER/PUMP ASSEMBLY

0744-012

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

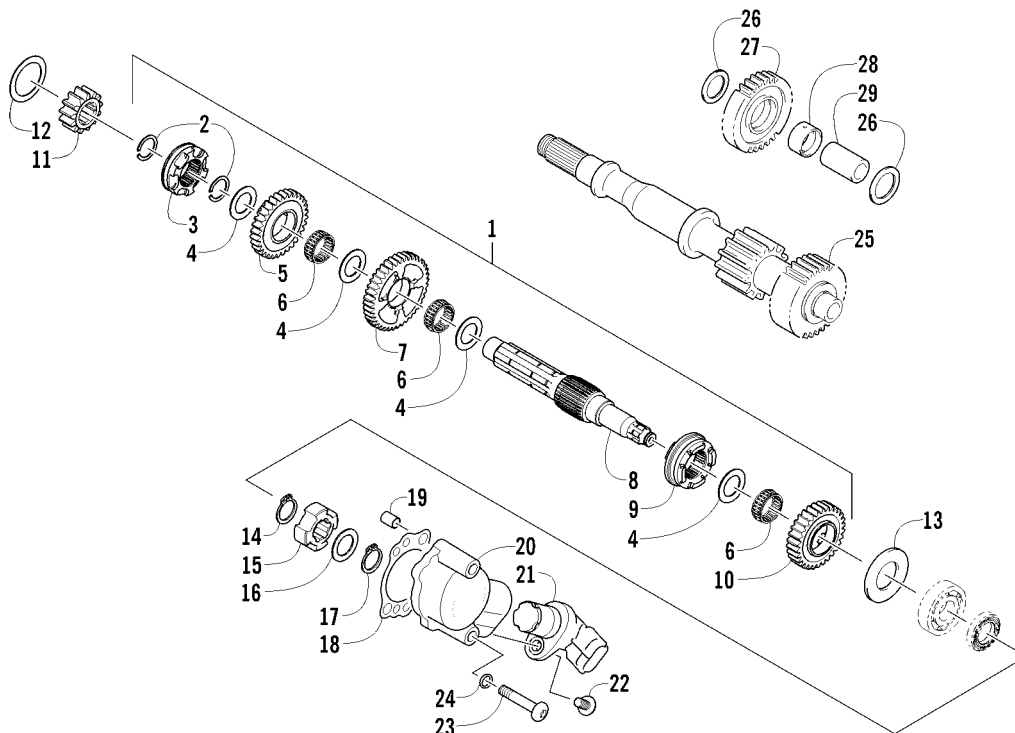
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TRANSMISSION ASSEMBLY

0745-557

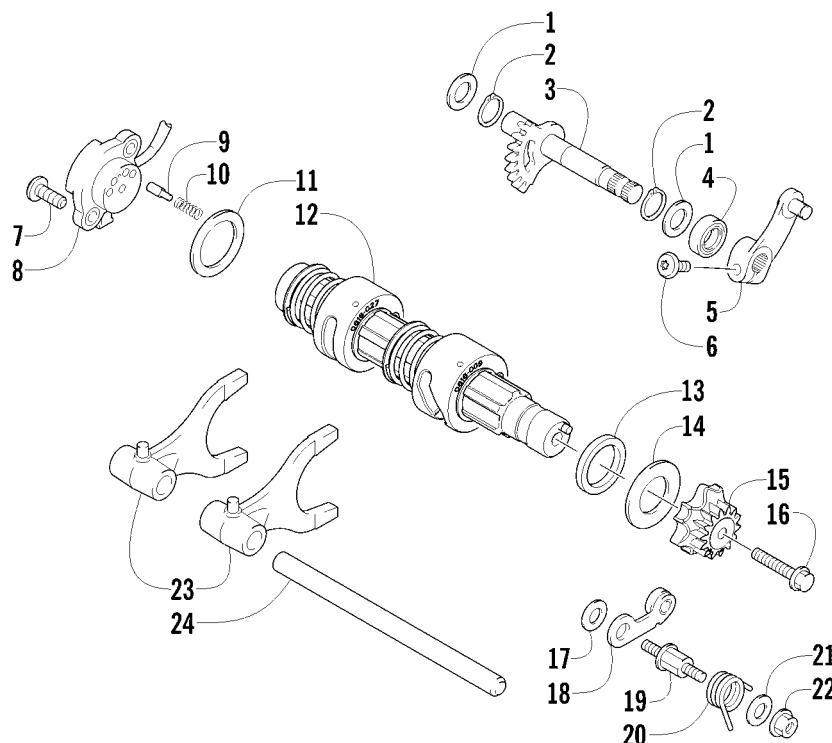
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-355	X	1	Pulley, Driven - Assembly (inc. 2-4)	13	0823-272	X	1	Face, Fixed Drive
2	0823-176		3	● Shoe, Cam	14	0823-131		1	Shroud, Drive Face
3	0823-177		3	● Screw, Machine	15	0623-914		6	Screw, Self-Tapping
4	0823-178		1	● Nut	16	0823-015		1	Spacer, Fixed Drive Face
5	0827-010		1	Nut	17	0470-531		1	O-Ring
6	0828-106		1	Washer	18	0821-002		1	Housing, Clutch - Assembly
7	0823-276	X	1	Plate, Movable Drive Face	19	0830-189		1	Seal
8	0823-277	X	4	Damper, Movable Drive Face	20	0827-011		1	Nut
9	0823-273	X	1	Face, Movable Drive	21	0823-018		1	Clutch, One-Way
10	0823-013		1	Belt, Drive	22	0823-310		1	Clutch, Centrifugal - 6 Plate
11	0823-360	X	1	Spacer	23	0828-076		2	Shim, 25 x 30 x 0.90 mm
12	0823-295		8	Roller					



SECONDARY TRANSMISSION ASSEMBLY

0745-260

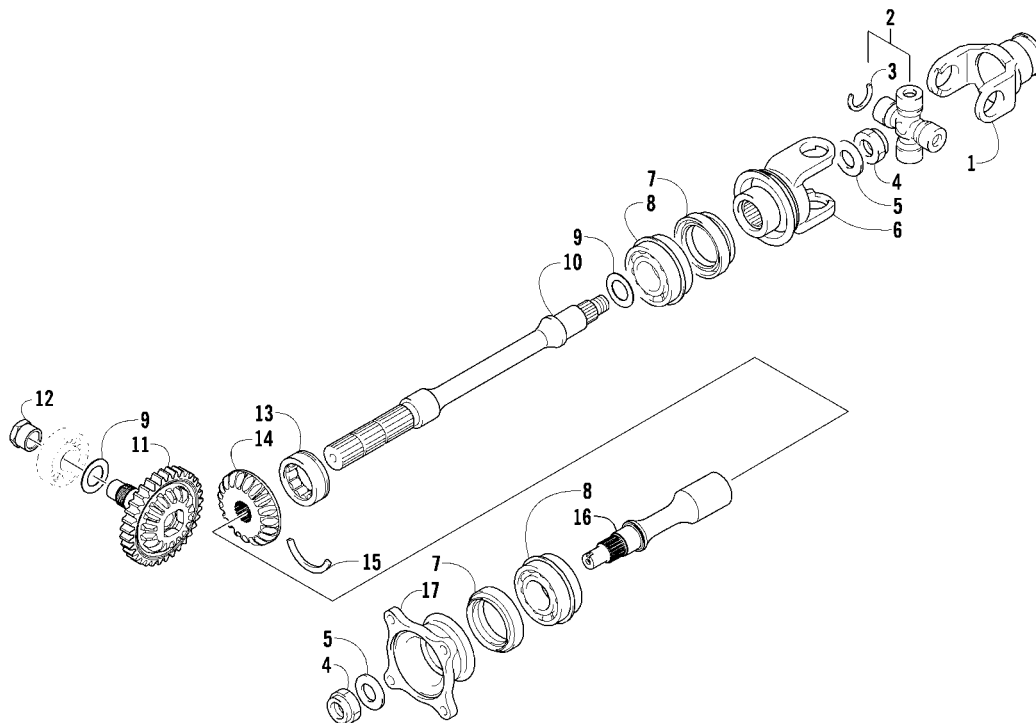
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124		1	Countershaft Assembly (inc. 2-10)	16	0828-069		1	Washer, Thrust
2	0831-085		2	● Ring, Retaining	17	0831-039		1	Ring, Retaining
3	0822-120		1	● Gear Select, Reverse	18	0830-129		1	Gasket
4	0822-121		4	● Shim	19	0829-023		2	Pin, Dowel
5	0822-119		1	● Gear, Reverse Driven	20	0822-049		1	Housing, Speedometer Sensor
6	0832-082		3	● Bearing	21	0430-091		1	Sensor, Speedometer
7	0822-114		1	● Gear, Driven - Low	22	8468-620		1	Screw, Machine
8	0822-113		1	● Countershaft	23	8468-645		2	Screw, Machine
9	0822-116		1	● Gear Select, Sliding	24	0830-107		2	Gasket
10	0822-115		1	● Gear, Driven - High	25	0822-001		1	Driveshaft
11	0822-125		1	Gear, Drive	26	0828-016		2	Washer, Thrust
12	0828-019		1	Washer, Thrust	27	0822-011		1	Gear, Reverse Idle
13	0828-011		1	Washer	28	0822-012		1	Bushing
14	0831-040		1	Ring, Retaining	29	0822-015		1	Shaft, Reverse Idle
15	0822-050		1	Trigger, Speedometer Sensor					



GEAR SHIFTING ASSEMBLY

0745-773

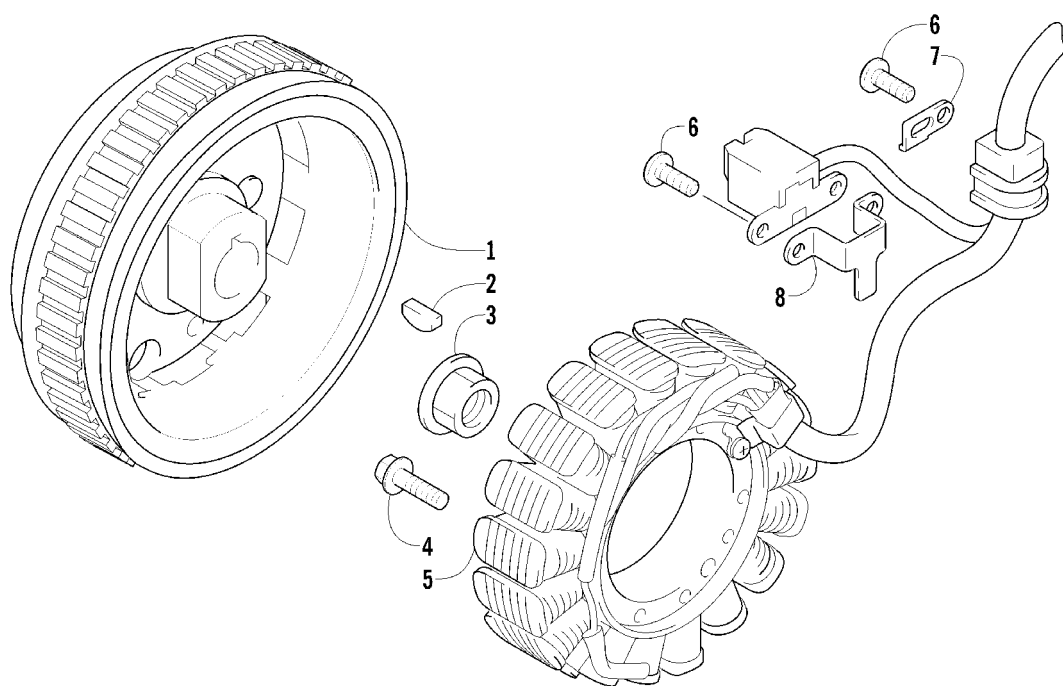
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0828-036		2	Washer	13	0828-131	X	1	Spacer
2	0831-010		2	Ring, Retaining	14	0828-037		1	Washer
3	0818-007		1	Shaft, Sub-Gear Shift	15	0818-089		1	Plate, Gear Shift Cam
4	0830-044		1	Seal, Sub-Gear Shift Shaft	16	0826-006		1	Screw, Cap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



SECONDARY DRIVE ASSEMBLY

0743-766

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



MAGNETO ASSEMBLY

0746-022

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

