

Illustrated Parts Manual

2011

1000 PS EFT

Model Number

A2011IEW1PETO (Black)



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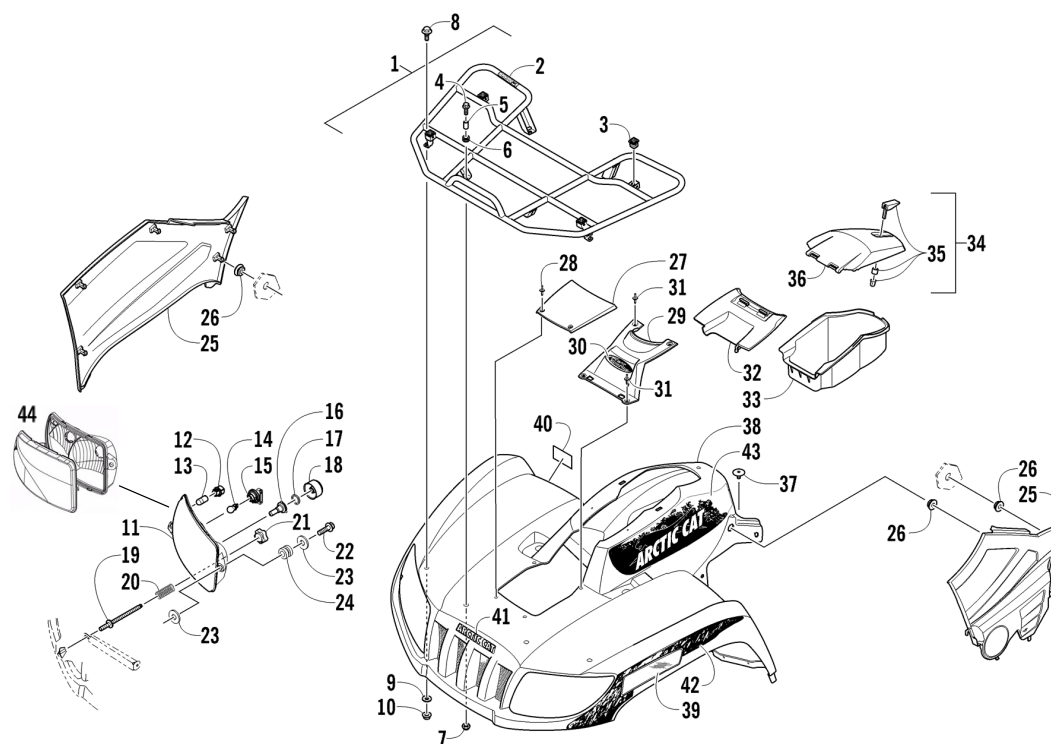
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2011 ATV 1000 PS EFT

Black (Model No. A2011IEW1PETO)

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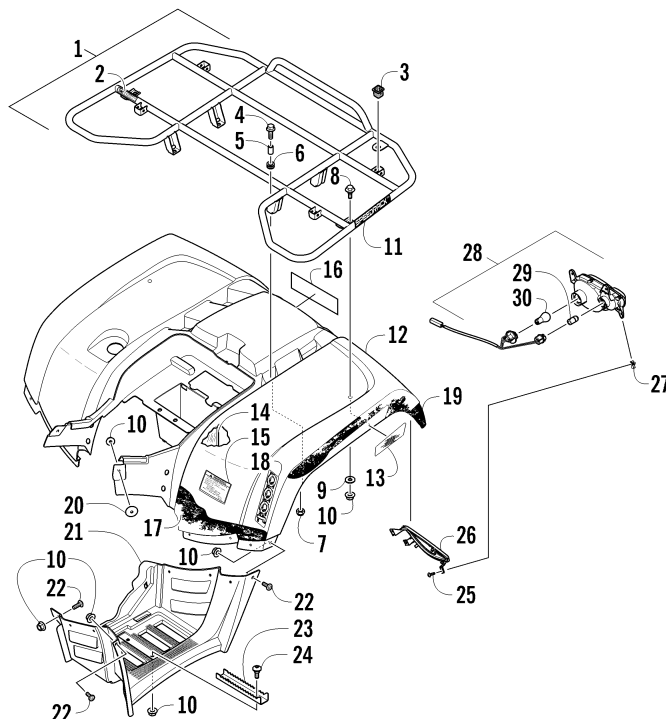
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0745-697

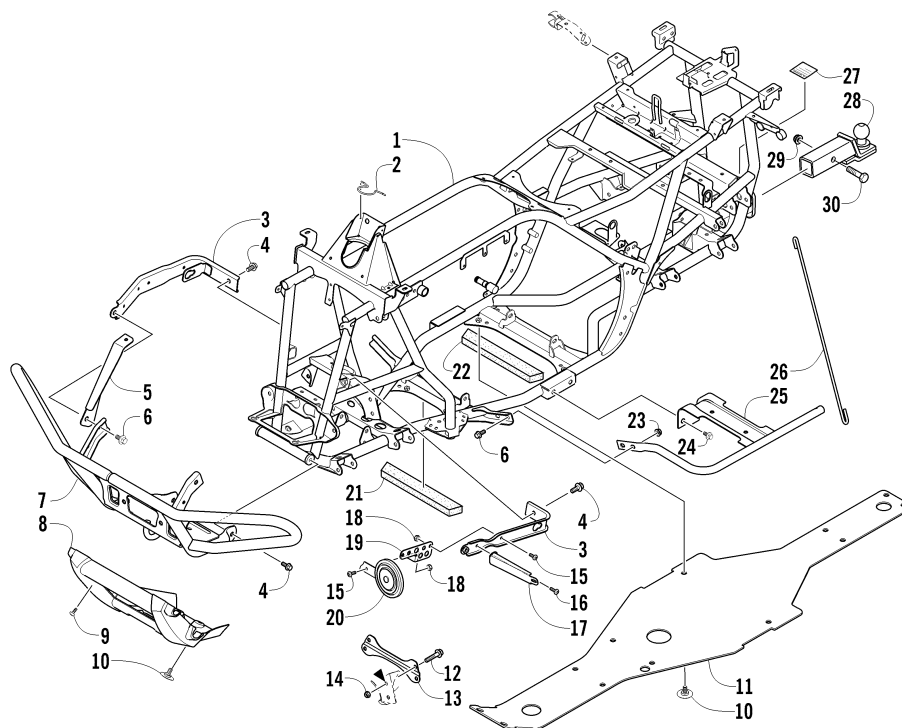
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	23	8050-217		8	Washer
2	0411-576		1	● Decal, Warning - Load	24	0423-447		4	Grommet
3	0441-592		4	● Bushing	25	2406-588		1	Panel, Side - Lower - Right
4	8410-830		4	Screw, Cap		2406-589		1	Panel, Side - Lower - Left
5	0423-669		4	Spacer	26	0423-678		8	Grommet
6	0423-465		4	Grommet	27	1406-358		1	Cover, Access
7	8432-802		4	Nut, Lock	28	0423-535		2	Rivet, Reinstallable
8	0423-654		2	Screw, Shoulder	29	1406-484		1	Cover, Steering Post
9	8050-222		2	Washer	30	2411-330	X	1	Decal, "Power Steering"
10	0423-540		2	Nut, Lock	31	0623-362		4	Rivet, Reinstallable
11	0509-036		1	Headlight Assy - Right (inc. 12-18 & 44)	32	0470-513		1	Cover, Storage Box
	0509-037		1	Headlight Assy - Left (inc. 12-18 & 44)	33	1406-573		1	Box, Storage
12	0409-102		2	● Socket, Position Bulb	34	2506-234		1	Lid, Storage Box w/Latch (inc. 35-36)
13	0409-101		2	● Bulb, Position	35	1406-599		1	● Latch, Storage Box
14	0409-099		2	● Bulb, Turn Signal	36	0470-514		1	● Lid, Storage Box
15	0409-100		2	● Socket, Turn Signal Bulb	37	0423-101		2	Screw, Shoulder
16	0409-096		2	● Bulb, Headlight	38	2516-209		1	Panel, Fender - Black
17	0409-097		2	● Retainer, Spring	39	0411-818		1	Decal, Reflector - Right - Amber
18	0409-098		2	● Boot, Rubber		0411-819		1	Decal, Reflector - Left - Amber
44	0409-094		1	● Headlight, Reflector/Lens-RH ECE	40	1411-906		1	Decal, Warning - Throttle
	0409-095		1	● Headlight, Reflector/Lens-LH ECE	41	1411-725		1	Decal, "Arctic Cat"
19	0423-514		2	Stud, Adjuster - Headlight	42	2411-352	X	1	Decal, Side - Front Right
20	0423-522		2	Spring, Adjuster		2411-353	X	1	Decal, Side - Front Left
21	0423-513		2	Knob, Adjuster	43	2411-354	X	1	Decal, Side - Upper Right
22	0623-785		4	Screw, Self-Tapping		2411-355	X	1	Decal, Side - Upper Left



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0745-698

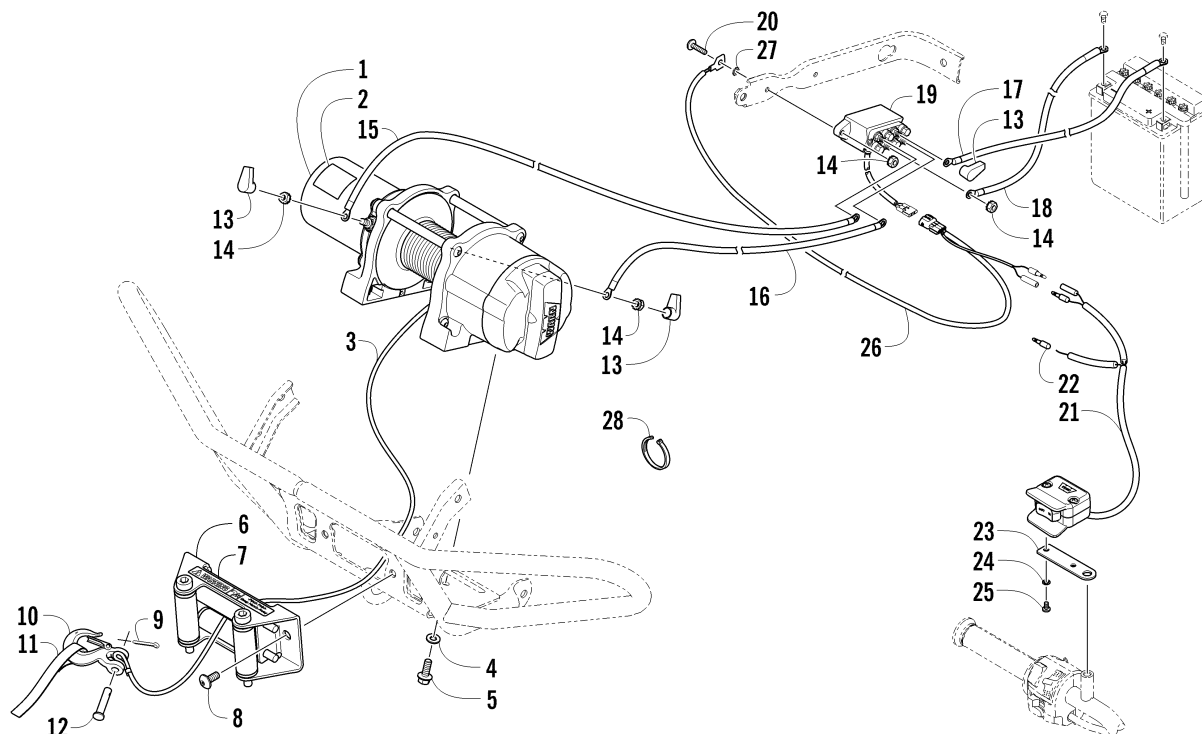
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-125		1	Rack, Rear - Assembly (inc. 2-3)	18	2411-518	X	1	Decal, 1000 - Right
2	0411-648		1	● Decal, Warning - Load		2411-519	X	1	Decal, 1000 - Left
3	0441-592		4	● Bushing, Rack	19	2411-358	X	1	Decal, Side - Upper Right
4	8410-830		4	Screw, Cap		2411-359	X	1	Decal, Side - Upper Left
5	0423-669		4	Spacer	20	0423-101		2	Screw, Shoulder
6	0423-465		4	Grommet	21	2506-450		1	Footwell - Right
7	8432-802		4	Nut, Lock		1406-519		1	Footwell - Left
8	0423-654		2	Screw, Shoulder	22	0423-419		18	Screw, Machine
9	8050-222		2	Washer	23	1506-125		2	Footpeg
10	0423-540		26	Nut, Lock	24	0423-355		4	Screw, Shoulder
11	0411-965		2	Decal, "Speedrack"	25	8476-516		6	Screw, Machine
12	2516-242		1	Panel, Fender - Rear - Black	26	0409-112		1	Bezel, Taillight - Right
13	1411-592		1	Decal, Reflector - Right - Red		0409-113		1	Bezel, Taillight - Left
	1411-593		1	Decal, Reflector - Left - Red	27	3304-061		6	Clip, U-Nut
14	0470-658		1	Foil, Protective	28	3313-392		1	Taillight Assembly - Right (inc. 29-30)
15	2411-143		1	Decal, Warning - Tire Pressure		3313-393		1	Taillight Assembly - Left (inc. 29-30)
16	1411-725		1	Decal, "Arctic Cat"	29	3313-506		2	● Bulb, Turn Signal
17	2411-356	X	1	Decal, Side - Lower Right	30	3303-849		2	● Bulb, Taillight
	2411-357	X	1	Decal, Side - Lower Left					



FRAME AND RELATED PARTS

0745-699

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-387	X	1	Frame, Main	16	8477-620		1	Screw, Machine
2	2416-401		1	Clip, Routing	17	2416-162		1	Bracket, Support - Right
3	2506-813		1	Channel, Mounting - Bumper - Right		2416-163		1	Bracket, Support - Left
	2506-285		1	Channel, Mounting - Bumper - Left	18	0623-038		3	Nut w/Washer
4	8409-020		4	Screw, Cap	19	2406-321		1	Bracket, Mounting - Horn
5	1506-562		1	Bracket, Mounting - Bumper - Right	20	0430-053		1	Horn, Electric - 12V
	1506-563		1	Bracket, Mounting - Bumper - Left	21	2506-701		1	Pad, Foam
6	8408-816		6	Screw, Cap	22	0406-289		1	Pad, Foam
7	1506-855		1	Bumper, Front	23	8424-802		4	Nut
8	1406-360		1	Fascia, Bumper - Front	24	8409-016		4	Screw, Cap
9	0423-419		2	Screw, Machine	25	2506-449		1	Footrest - Right
10	0423-101		12	Screw, Shoulder		1506-379		1	Footrest - Left
11	2406-648		1	Panel, Belly	26	2506-423		2	Rod, Support
12	8409-025		2	Screw, Cap	27	1411-077		1	Decal, Warning - Towing
13	2516-852		1	Brace, A-Arm	28	0541-857	X	1	Mount, Ball Hitch (inc. 29-30)
14	0423-744		2	Nut, Lock	29	0423-690		1	● Nut, Lock
15	8477-616		2	Screw, Machine	30	0423-693		1	● Screw, Cap



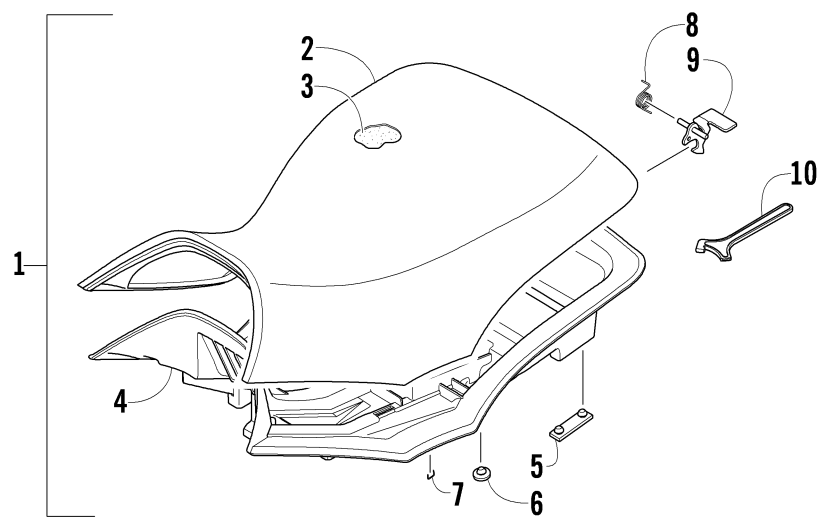
WINCH ASSEMBLY

0745-322

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

0743-236

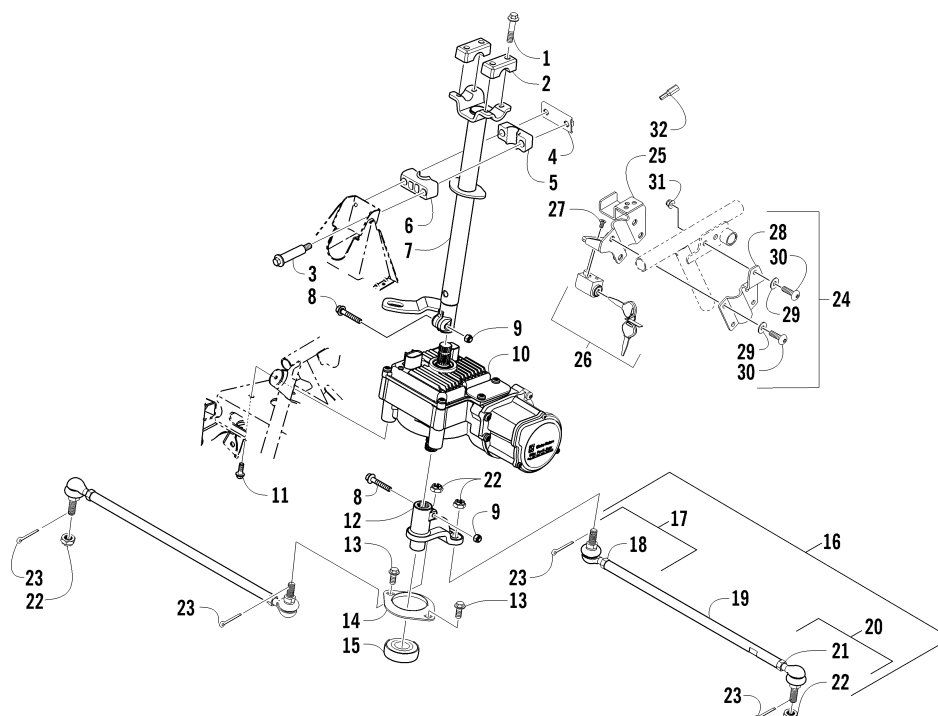
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SEAT ASSEMBLY

0744-453

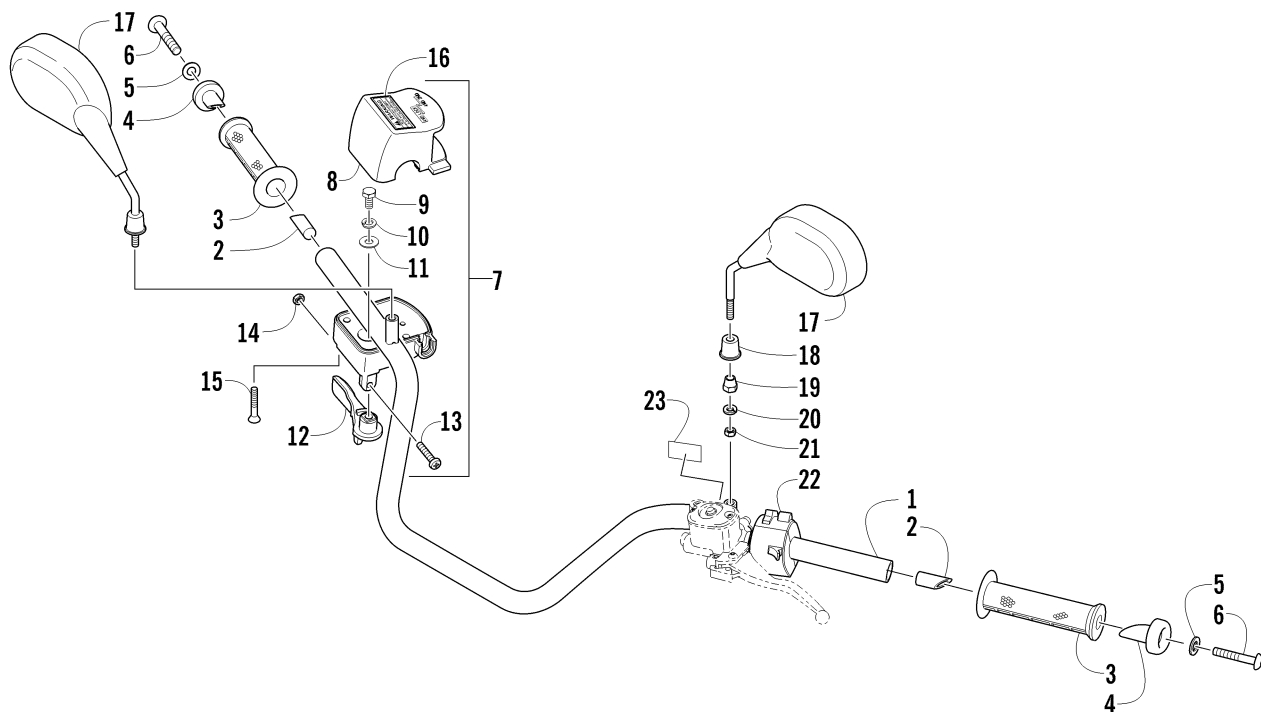
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-342	X	1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	1506-209		1	● Cover, Seat	7	0624-263		AR	● Staple
3	0517-119		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2406-525		1	● Base, Seat - Assembly (inc. 5-6)	9	1506-156		1	● Latch, Seat
5	0406-879		2	●● Bumper, Seat - Rear	10	0441-587		1	Wrench, Spanner



STEERING ASSEMBLY

0745-656

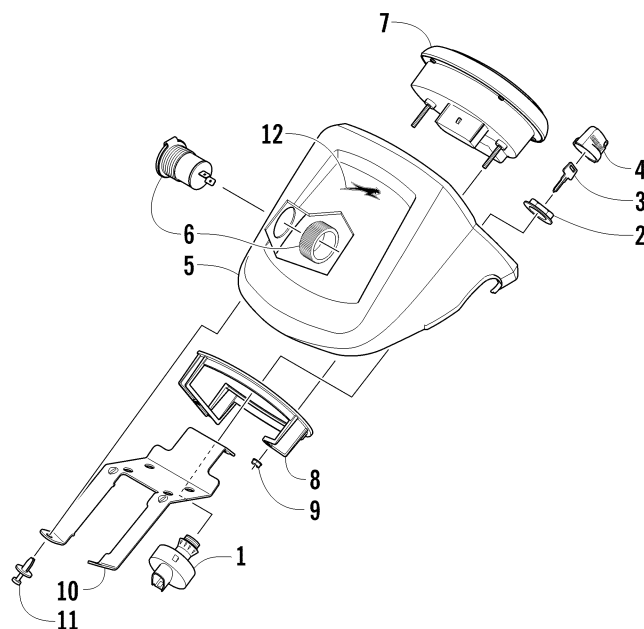
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap	18	0423-013		2	●● Nut - Left-Hand Thread
2	0405-035		2	Cap, Steering Adjuster	19	0405-281		2	● Tie Rod
3	0423-505		2	Screw, Shoulder	20	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 21)
4	0505-484		1	Cap, Housing	21	8420-002	X	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	X	1	Post, Steering	24	0505-702	X	1	Lock, Steering - Assembly (inc. 25-31)
8	8020-045		2	Screw, Cap	25	0505-710	X	1	● Mount, Steering Lock
9	8040-366		2	Nut, Lock	26	3306-182	X	1	● Lock, Steering
10	0505-704	X	1	Assembly, Electronic Power Steering	27	1423-059	X	2	● Screw, Machine
11	8409-020		4	Screw, Cap	28	0405-409	X	1	● Mount, Steering Lock
12	0505-664		1	Arm, Steering	29	8050-247		5	● Washer
13	8408-816		2	Screw, Cap	30	1423-069	X	5	● Screw, Cap
14	0602-233		1	Flange, Bearing	31	8424-802		1	● Nut
15	0405-052		1	Bearing w/Inverted Oil Seal	32	1441-989	X	1	Tool, Anti-Tamper - Optional
16	0505-499		2	Tie Rod - Assembly (inc. 17-21)					
17	0505-511		2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 18)					



HANDLEBAR ASSEMBLY

0745-005

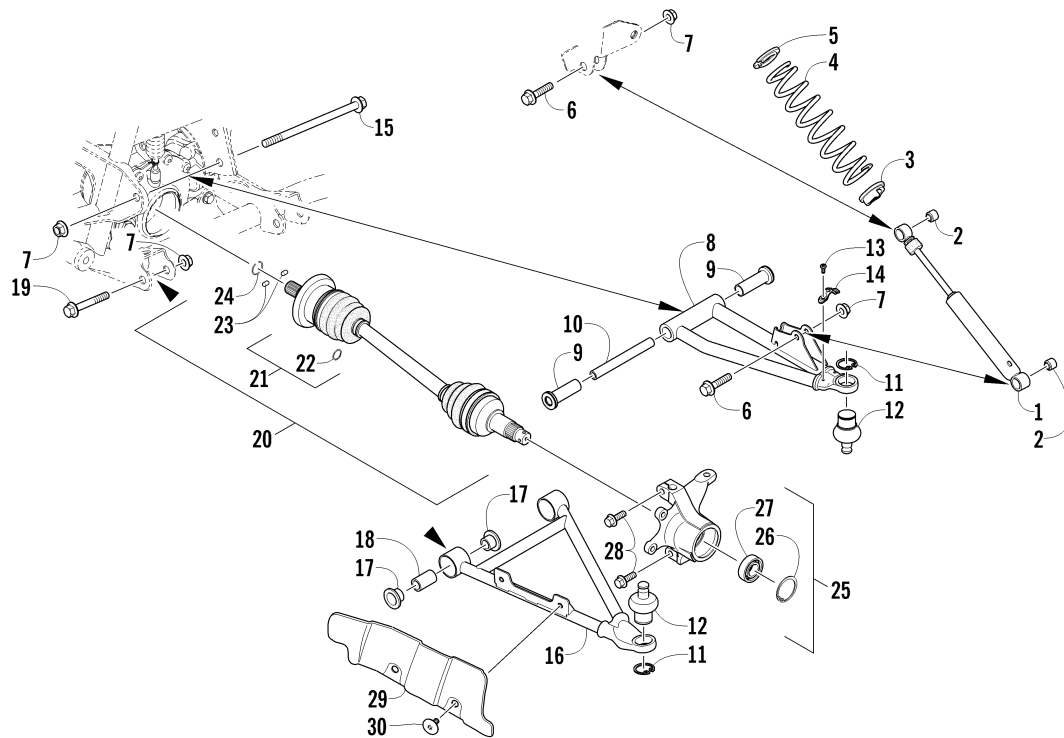
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-522		1	Handlebar	13	3423-014		1	● Screw, Machine
2	0405-218		2	Plug, Handlebar	14	3423-327		1	● Nut
3	0405-147		2	Grip, Handlebar	15	3423-199		2	● Screw, Machine
4	0405-149		2	End Cap, Handlebar	16	0411-966		1	Decal, Warning - Differential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



INSTRUMENT POD ASSEMBLY

0745-246

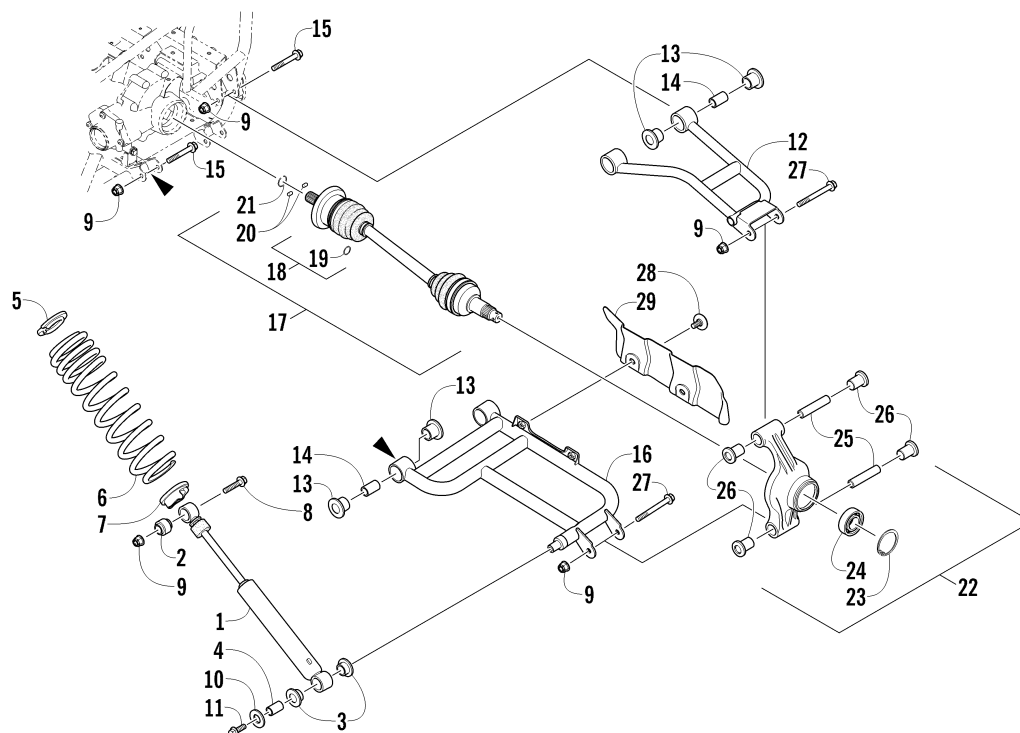
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	0641-897		1	Outlet, Accessory - 12V
2	0430-050		1	● Nut, Retaining	7	0520-132	X	1	Gauge, LCD
3	0430-042		1	● Key, Ignition (Y Series - Left-Side Cut)	8	0420-065		1	Bracket, Retaining
	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	0505-590		1	Instrument Pod - Black	11	0423-535		2	Rivet, Reinstallable
					12	8611-267		1	Decal, AirCat



FRONT SUSPENSION ASSEMBLY

0745-247

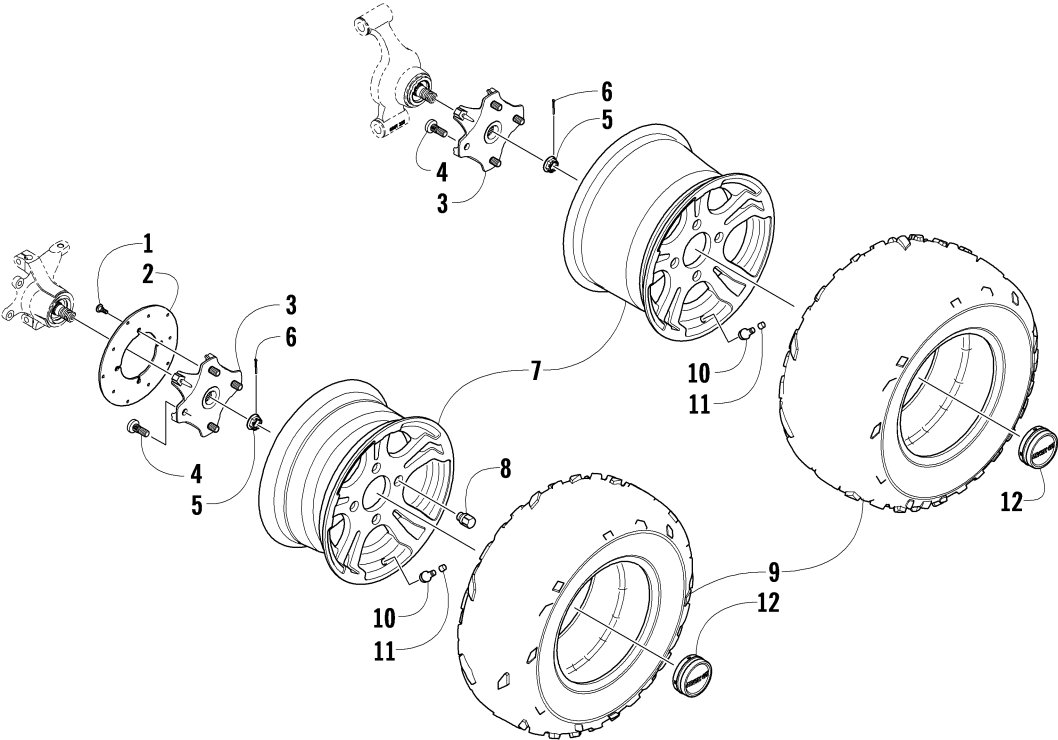
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-188		2	Shock Absorber (inc. 2)	17	0403-208		8	● Bushing
2	0403-182		4	● Bushing	18	0403-214		4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-468	X	2	Spring, Suspension - White	20	1502-806	X	1	Axle, Drive - Right (inc. 21-24)
5	1603-889		2	Retainer, Spring	21	1502-805	X	1	Axle, Drive - Locking - Left (inc. 21-24)
6	8409-040		4	Screw, Cap	22	1436-410	X	2	● Repair Kit, Boot (inc. 22)
7	0423-744		10	Nut, Lock	23	1441-988	X	2	● Clip, Retaining
8	0503-424		1	A-Arm, Upper Right - Black (inc. 9-12)	24	1402-885	X	4	● Pin, Detent
9	0503-425		1	A-Arm, Upper Left - Black (inc. 9-12)	25	1402-889	X	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	0405-115		4	● Ball Joint	29	1402-809		2	● Bearing
14	0423-946		4	Screw, Self-Tapping	30	0423-998	X	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

0745-252

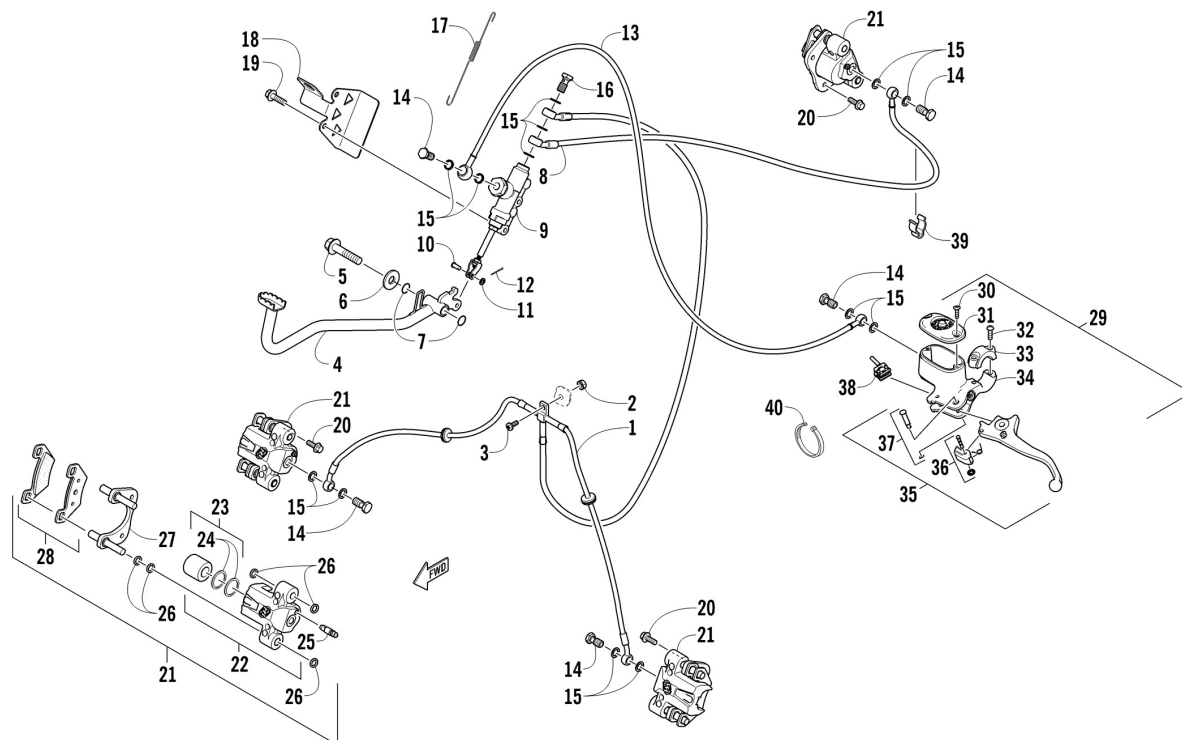
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)	16	0504-572		1	A-Arm, Rear - Lower Right - Black (inc. 13-14)
2	0403-182		2	● Bushing		0504-573		1	A-Arm, Rear - Lower Left - Black (inc. 13-14)
3	0603-955		4	● Bushing	17	1502-804	X	2	Axle, Drive (inc. 18-21)
4	1603-219		2	● Sleeve	18	1436-410	X	2	● Repair Kit, Boot (inc. 19)
5	1603-889		2	Retainer, Spring	19	1441-988	X	2	● Clip, Retaining
6	0504-659	X	2	Spring, Suspension - White	20	1402-884	X	4	● Pin, Detent
7	0404-057		2	Cam, Spring Adjuster	21	1402-890	X	2	● Clip, Retaining
8	8409-040		1	Screw, Cap - Right	22	0504-630		1	Knuckle, Right - Assembly (inc. 23-26)
	8409-050		1	Screw, Cap - Left		0504-551		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

0743-839

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

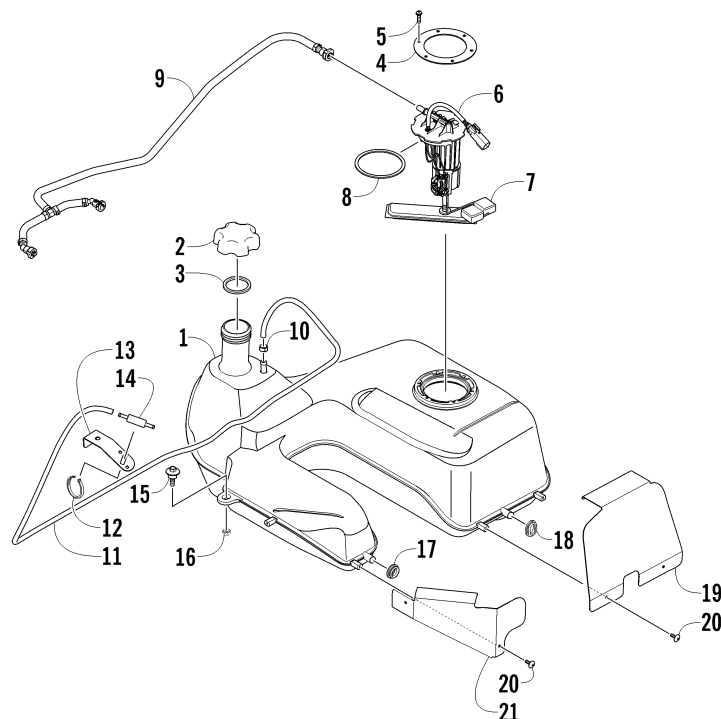


HYDRAULIC BRAKE ASSEMBLY

0745-015

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-148		1	Hose, Brake - Assembly	22	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 20 and 23-25)
2	0623-038		1	Nut w/Washer		1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 20 and 23-25)
3	8476-625		1	Screw, Machine		1436-161		1	● Housing, Caliper - Assembly - Rear (inc. two No. 20 and 23-25)
4	1502-162		1	Lever, Brake	23	0502-606		3	●● Piston/Seal Set (inc. 24)
5	8408-816		1	Screw, Cap	24	0502-607		3	●●● Seal Set
6	8050-252		1	Washer	25	0502-609		3	●● Valve, Bleed
7	1602-213		2	O-Ring	26	0502-608		3	● O-Ring, Guide - Set
8	1402-594		1	Hose, Brake	27	0502-605		3	● Bracket Assembly
9	1502-147		1	Brake Assembly	28	1502-694		3	● Pad, Brake - Set
10	1402-377		1	Pin, Clevis	29	0502-914		1	Brake Assembly (inc. 30-38)
11	8050-217		1	Washer	30	0502-566		1	● Screw, Machine - Kit
12	0117-868		1	Pin, Cotter	31	0502-868		1	● Cover, Reservoir
13	1402-592		1	Hose, Brake	32	0502-568		1	● Screw, Machine - Kit
14	0423-413		5	Bolt, Banjo-Fitting	33	0502-869		1	● Clamp, Master Cylinder
15	0423-178		13	Washer, Crush	34	0502-704		1	● Master Cylinder Assembly
16	0423-610		1	Bolt, Banjo-Fitting - Double	35	0502-866		1	● Lever Assembly - Kit (inc. 36-37)
17	0502-785		1	Spring, Brake Switch	36	0502-867		1	●● Lock, Brake Lever - Kit
18	1502-164		1	Bracket, Switch	37	0502-580		1	●● Lever Pin - Kit
19	8408-625		2	Screw, Cap	38	0502-564		1	● Switch, Brake
20	8408-821		6	Screw, Cap	39	1502-115		2	Clip, Brake Hose
21	1502-726		1	Caliper, Brake - Right Front (inc. two No. 20 and 22-28)	40	0123-788		AR	Tie, Cable - 8 in.
	1502-727		1	Caliper, Brake - Left Front (inc. two No. 20 and 22-28)					
	1502-727		1	Caliper, Brake - Rear (inc. two No. 20 and 22-28)					

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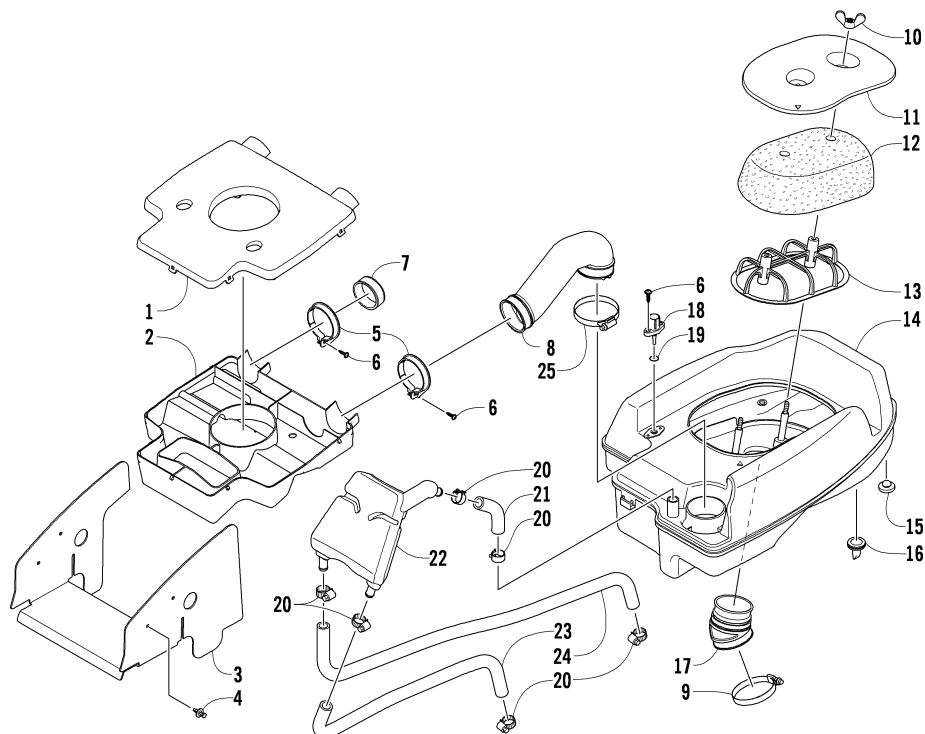
GAS TANK ASSEMBLY

0745-700

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-307		1	Tank, Gas - Assembly (inc. 2-5)	12	0123-788		AR	Tie, Cable - 8 in.
2	0470-438		1	● Cap, Gas Tank (inc. 3)	13	0470-827		1	Bracket, Filter Mounting
3	0109-733		1	●● Gasket, Gas Tank Cap	14	0510-335		1	Filter, In-Line
4	2670-042		1	● Plate, Retaining	15	0423-732		2	Screw, Shoulder
5	0423-898		6	● Screw, Self-Tapping	16	0623-038		1	Nut w/Washer
6	0570-322		1	Pump, Fuel - Assembly (inc. 7-8)	17	0423-460		1	Grommet
7	2670-235	X	1	● Float	18	0423-806		1	Grommet
8	0470-838		1	● Seal	19	0470-710		1	Shield, Heat - Gas Tank - Rear
9	0570-278		1	Hose, Fuel - Assembly	20	0623-797		4	Screw, Self-Tapping
10	0423-688		1	Clamp, Hose	21	0470-709		1	Shield, Heat - Gas Tank - Front
11	0410-070		AR	Hose, Gasline - 25 ft					



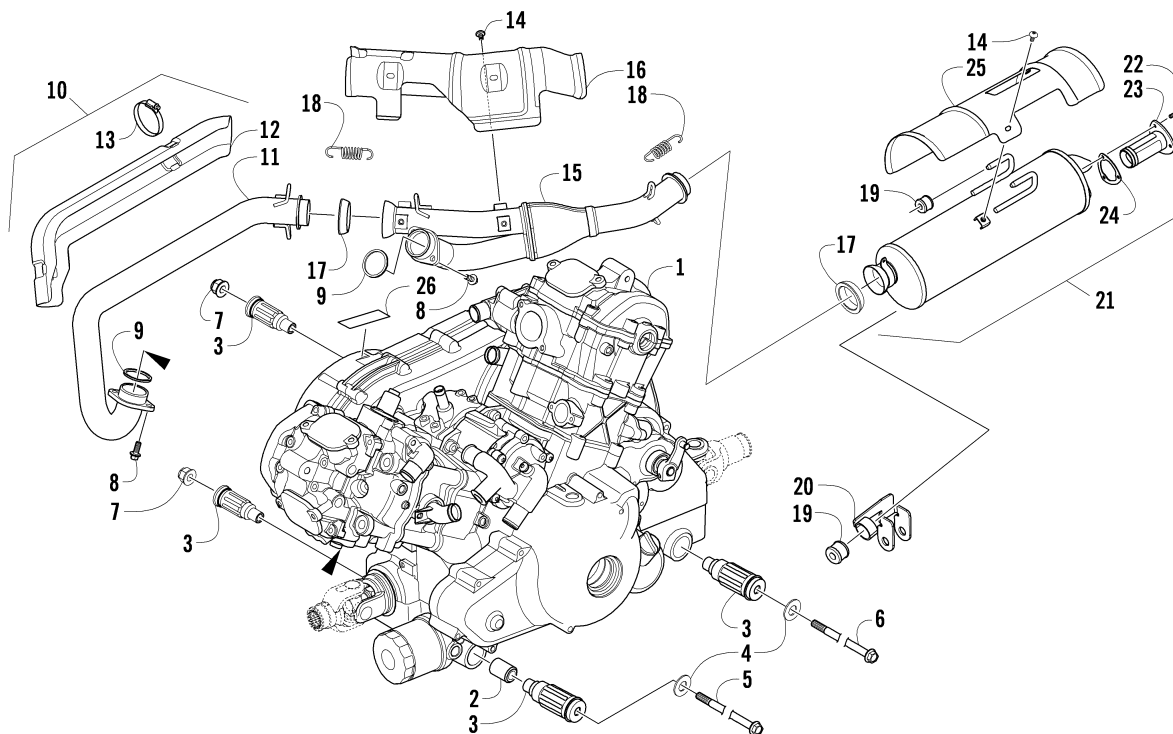
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0402-843	1	Knob, Shift	13	0423-087	1	Washer
2	0423-345	1	Clip, Retaining	14	0423-299	2	O-Ring
3	1402-576	1	Plate, Shift	15	8424-802	1	Nut
4	2406-345	1	Shield, Shift Plate	16	1402-621	1	Pin, Mounting - Shift Linkage
5	0423-357	4	Nut,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



AIR INTAKE ASSEMBLY

0744-449

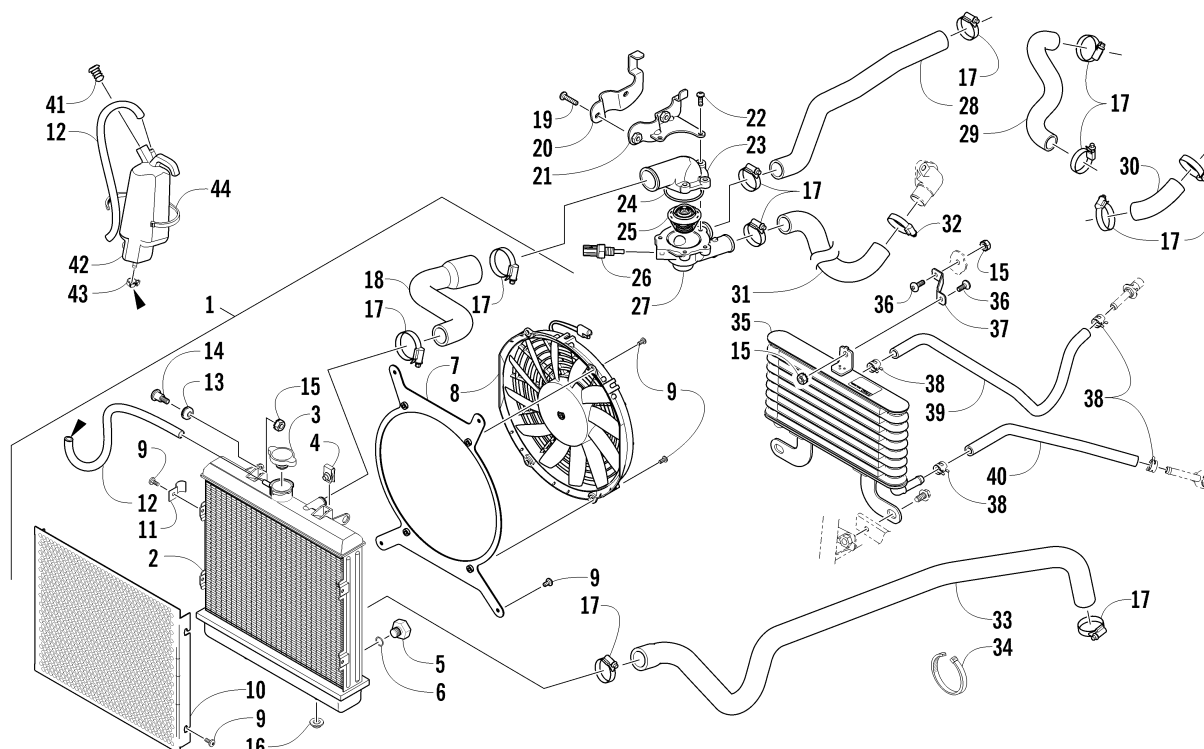
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-091	1	1	Diverter, Air - Top	14	0570-221	1	1	Housing, Air Intake
2	0413-093	1	1	Diverter, Air - Bottom	15	0406-877	4	4	Bumper
3	2406-509	1	1	Shroud, Splash	16	0470-442	2	2	Valve, Drain
4	0623-362	2	2	Rivet, Reinstallable	17	0470-638	1	1	Boot, Throttle Body
5	0423-551	2	2	Clamp	18	0430-055	1	1	Sensor, Air Temperature (inc. 19)
6	0423-342	4	4	Screw, Self-Tapping	19	5507-224	1	1	● O-Ring
7	0413-096	1	1	Cap, Air Intake - Diverter	20	0623-028	6	6	Clamp, Hose
8	0470-583	1	1	Boot, Air Intake	21	0410-198	1	1	Hose, Separator Tank
9	0423-019	1	1	Clamp	22	0470-718	1	1	Tank, Separator
10	0423-716	2	2	Wing Nut	23	0410-196	1	1	Hose, Crankcase
11	0470-832	1	1	Cover, Air Intake	24	0410-208	1	1	Hose, Crankcase
12	0470-828	1	1	Filter, Air	25	0423-066	1	1	Clamp, Hose
13	0470-731	1	1	Support, Air Filter					



ENGINE AND EXHAUST

0742-236

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-097		1	Engine, A950H (inc. 2-3)	14	8477-610		7	Screw, Machine
2	0801-128		1	● Spacer, Engine Mount	15	0512-477		1	Pipe, Exhaust - Rear
3	0801-091		4	● Mount, Engine	16	0412-403		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	0412-577	X	3	Bushing
7	8428-002		2	Nut, Lock	20	2506-631		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

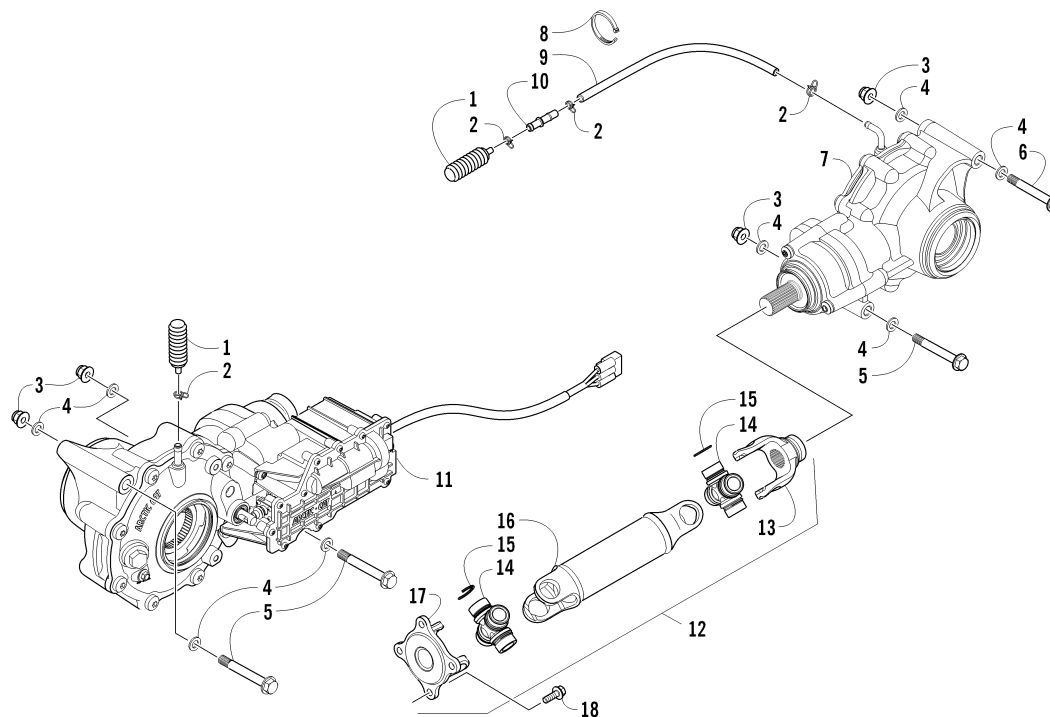


COOLING ASSEMBLY

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	X	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	X	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	X	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	X	1	Plate, Backing	42	0413-086		1	Bottle, Overflow
21	0513-045	X	1	Bracket, Mounting - Thermostat	43	0124-045		1	Clamp, Hose
22	8470-520		4	Screw, Machine	44	0623-316	AR		Tie, Cable - 14 in.

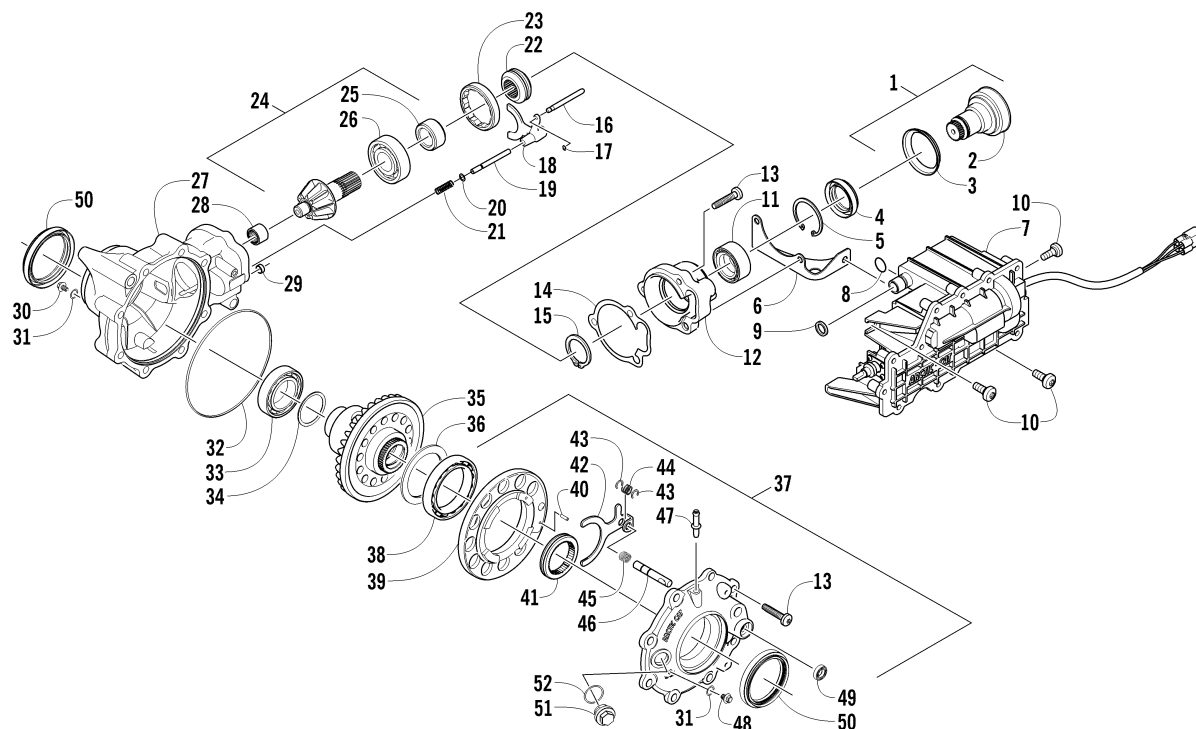
20



DRIVE TRAIN ASSEMBLY

0744-087

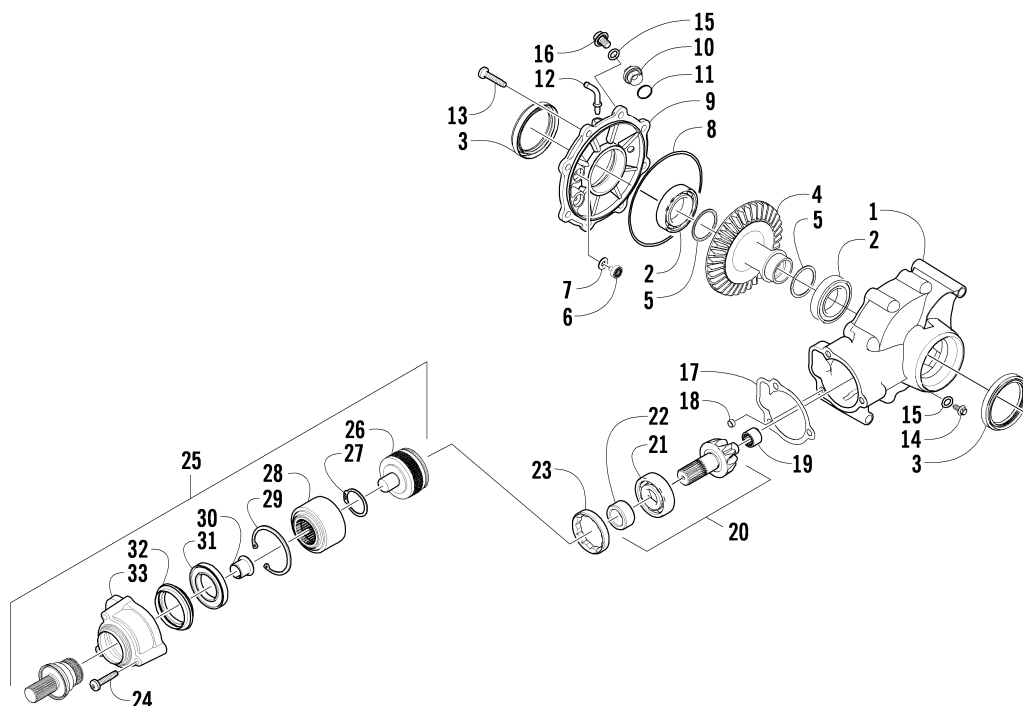
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1402-620		2	Bladder, Gearcase	10	0470-702		1	Fitting, Vent
2	0423-315		4	Clamp, Hose	11	1502-395		1	Gearcase, Front
3	8428-002		4	Nut, Lock	12	1502-098		1	Driveshaft, Rear - Assembly (inc. 13-17)
4	0423-426		8	Washer	13	1402-567		1	● Yoke, Slip
5	0423-404		3	Screw, Cap	14	0402-944		2	● Joint, Universal (inc.15)
6	0423-830		1	Screw, Cap	15	0423-395		8	●● Ring, Retaining
7	1502-573		1	Gearcase, Rear	16	1502-099		1	● Driveshaft, Rear
8	0123-788	AR		Tie, Cable - 8 in.	17	1402-689		1	● Yoke, Flange
9	0410-048	AR		Hose, Vent - 25 ft	18	8408-820		4	Screw, Cap



FRONT DRIVE GEARCASE ASSEMBLY

0745-625

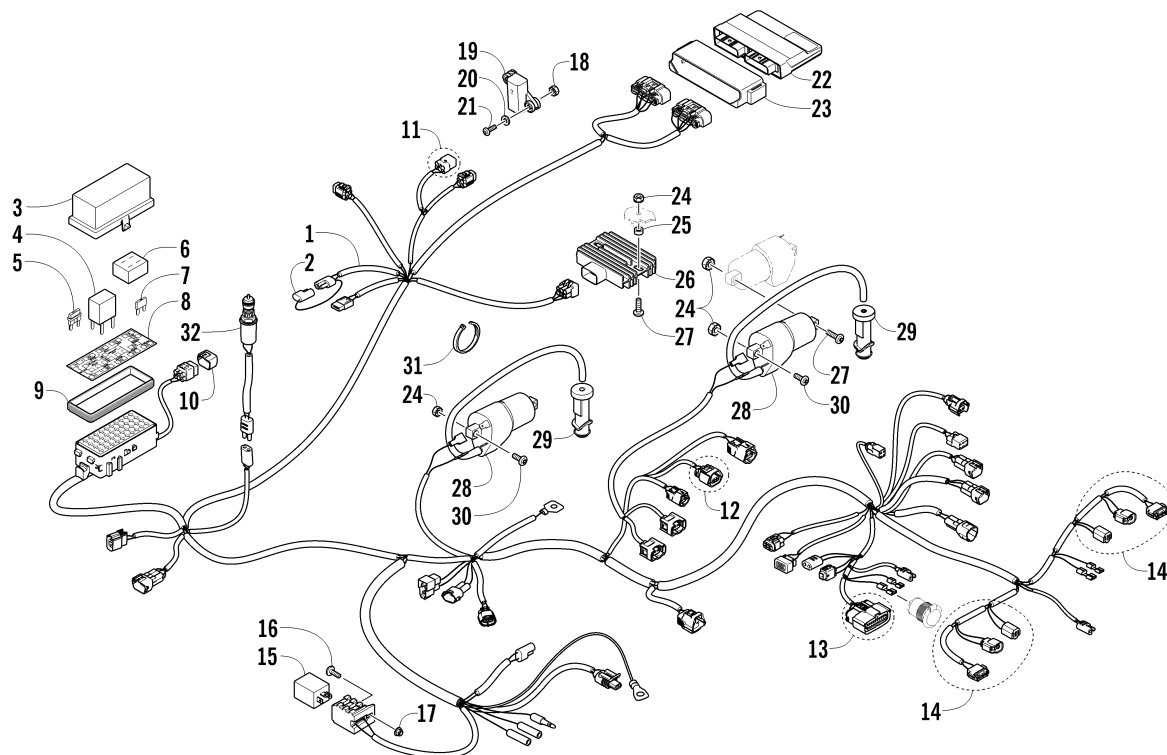
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-395		1	Complete Front Drive Gearcase Assembly	30	1402-210		1	Plug, Magnetic (inc. one No. 31)
1	0502-923		1	Shaft, Propeller - Assembly (inc. 2-3)	31	0423-153		2	● O-Ring
2	1402-438		1	● Shaft, Input	32	0423-149		1	O-Ring
3	1402-168		1	● Deflector	33	0402-393		1	Bearing
4	1402-011		1	Seal	34	0402-405		AR	Shim, 41 x 49 x 1.3 mm
5	0423-423		1	Ring, Retaining		0402-406		AR	Shim, 41 x 49 x 1.4 mm
6	1502-237		1	Bracket, Actuator		0402-407		AR	Shim, 41 x 49 x 1.5 mm
7	0502-585		1	Actuator (inc. 8)		0402-408		AR	Shim, 41 x 49 x 1.6 mm
8	1402-981	X	1	● O-Ring		0402-409		AR	Shim, 41 x 49 x 1.7 mm
9	0423-892		1	O-Ring	35	1502-554		1	Gear, Ring - 34T
10	0423-396		3	Screw, Self-Tapping	36	1402-074		AR	Shim, 61 x 69 x 1.3 mm
11	1402-043		1	Bearing		1402-075		AR	Shim, 61 x 69 x 1.4 mm
12	0502-528		1	Housing, Pinion		1402-076		AR	Shim, 61 x 69 x 1.5 mm
13	0423-118		11	Screw, Self-Tapping		1402-077		AR	Shim, 61 x 69 x 1.6 mm
14	0402-947		1	Gasket		1402-078		AR	Shim, 61 x 69 x 1.7 mm
15	0423-417		1	Ring, Retaining	37	1502-389		1	Cover, Gearcase (inc. one No. 31, 38-49, and one No. 50)
16	0402-997		1	Shaft, Selector	38	1402-053		1	● Bearing
17	0423-402		1	Ring, Retaining	39	0502-413		1	● Flange, Bearing
18	0402-998		1	Fork, Selector	40	1402-079		1	● Pin, Alignment
19	0402-417		1	Shaft, Shuttle	41	1402-042		1	● Collar, Sliding
20	0423-147		1	O-Ring	42	1402-054		1	● Fork
21	0402-999		1	Spring, Return	43	1402-058		2	● Ring, Retaining
22	0402-413		1	Coupler, Drive	44	1402-057		1	● Spring
23	0402-357		1	Collar, Lock	45	1402-063		1	● Spring
24	0502-784		1	Gear, Pinion - Assembly - 11T (inc. 25-26)	46	1402-656		1	● Shaft, Lock
25	0402-336		1	● Collar, Retaining	47	1402-104		1	● Fitting
26	0402-327		1	● Bearing	48	1402-211		1	● Plug, Oil Level (inc. one No. 31)
27	0502-514		1	Housing, Gearcase	49	1402-056		1	● Seal
28	0402-328		1	Bearing	50	1402-713		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

0742-972

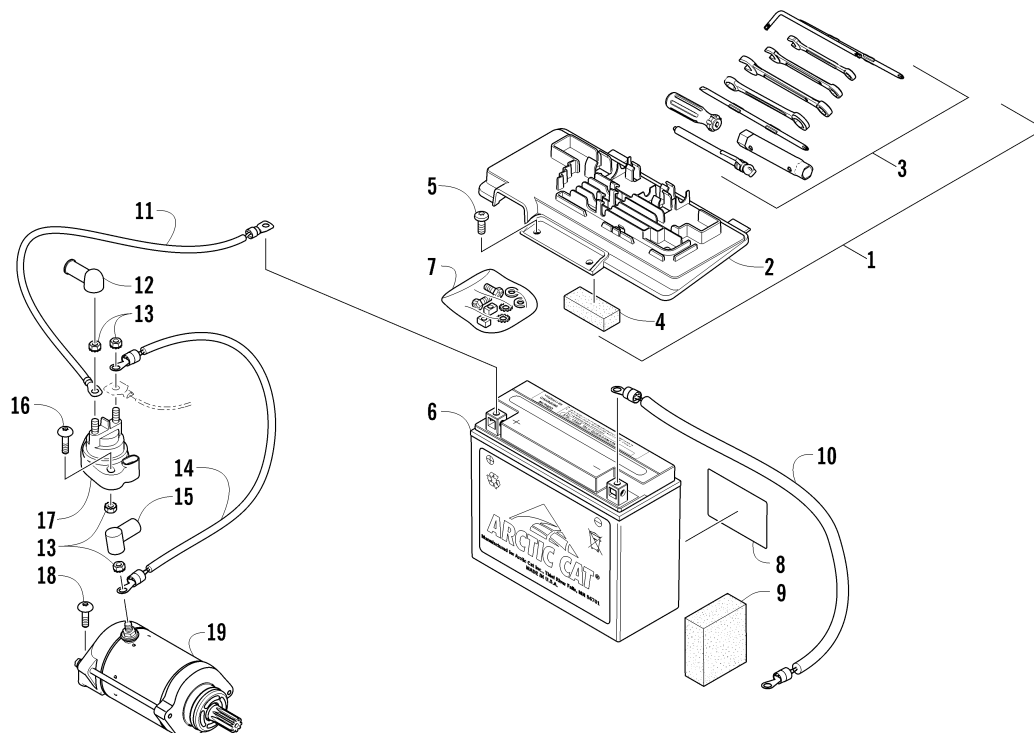
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-573		1	Complete Rear Drive Gearcase Assembly	13	0423-118		8	Screw, Self-Tapping
1	1502-317		1	Housing, Gearcase	14	0402-450		1	Plug, Magnetic (inc. one No. 15)
2	0402-393		2	Bearing	15	0423-153		2	● O-Ring
3	1402-713		2	Seal	16	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	1502-655		1	Shaft, Input (inc. 26-33)
	0402-431		AR	Shim	26	1502-564		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

0745-703

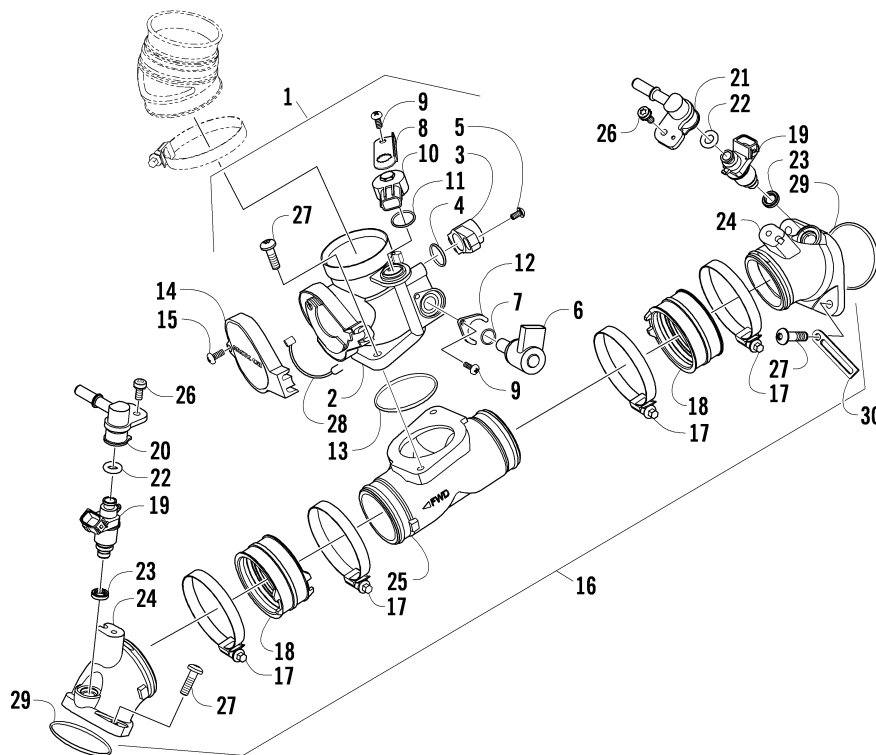
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-373	X	1	Harness, Main (inc. 2-10)	16	8476-516		1	Screw, Machine
2	0486-164		1	● Tether, Accessory Connector	17	8427-502		1	Nut, Lock
3	0430-085		1	● Cover, Fuse Block	18	0423-493		2	Nut w/Washer
4	0430-045		6	● Relay (4-Pin) - 20 Amp	19	0409-064		1	Sensor, Tilt
5	0430-034		2	● Diode	20	0123-802		2	Washer
6	0430-037		1	● Holder, Fuse	21	8468-425		2	Screw, Machine
7	0430-032		5	● Fuse - 10 Amp	22	0530-033		1	ECU
	0430-031		4	● Fuse - 15 Amp	23	0430-059		1	Cushion, ECU
	0430-030		3	● Fuse - 30 Amp	24	0623-038		5	Nut w/Washer
8	2411-213		1	● Decal, Fuse Block	25	0423-036		2	Spacer
9	0430-086		1	● Seal	26	0824-037		1	Regulator, Voltage
10	0430-097	X	1	● Cover, Diagnostics Connector	27	8476-630		3	Screw, Machine
11	1436-416	X	1	Repair Kit, Connector - Tilt Sensor	28	0824-043		2	Coil, Ignition - Assembly
12	1436-417	X	1	Repair Kit, Connector - Idle Speed Control	29	0824-049		2	Cap, Spark Plug
13	1436-415	X	1	Repair Kit, Connector - LCD Gauge	30	8476-620		2	Screw, Machine
14	1436-424	X	AR	Repair Kit, Connector - Headlight/Turn Signal/Position	31	0123-788		AR	Tie, Cable - 8 in.
				Control, Turn Signal		0123-903		AR	Tie, Cable - 11.5 in.
15	0430-049		1		32	0409-089		1	Switch, Brake - Assembly



BATTERY AND STARTER ASSEMBLY

0745-641

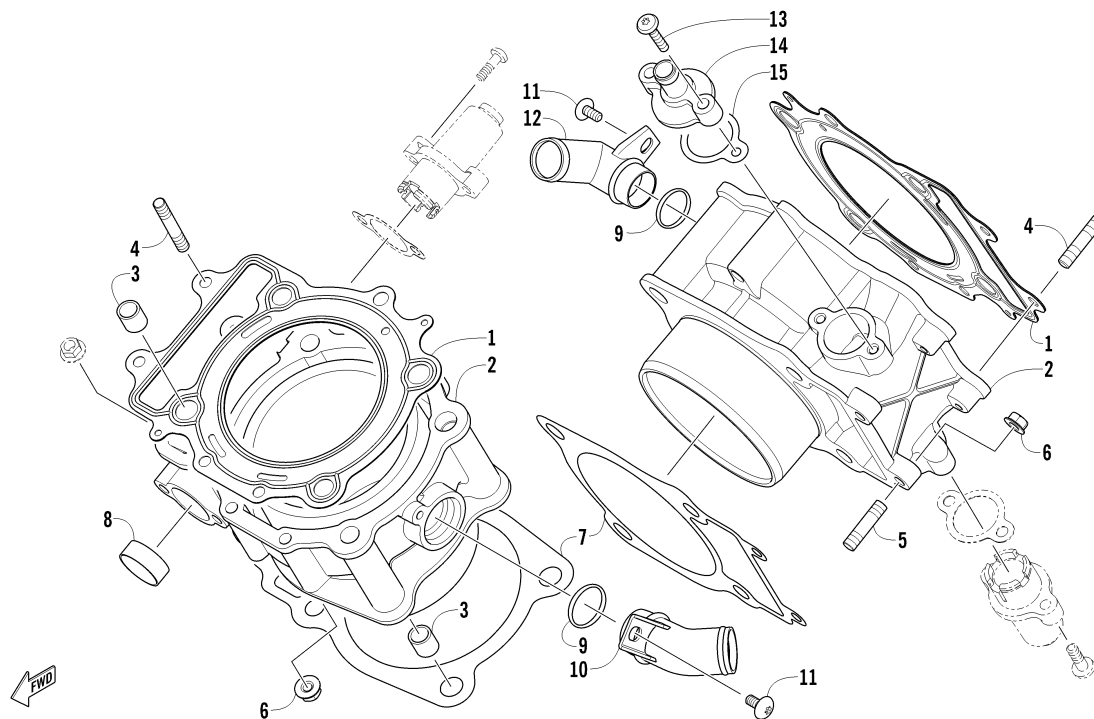
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-071		1	Cable, Battery/Ground
2	2406-815		1	● Cover, Battery	11	0445-062		1	Cable, Battery/Soleniod
3	0444-122		1	● Kit, Tool	12	0645-327		1	Boot, Terminal
4	0417-016		1	● 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	0417-012		1	Foam, Battery	18	8476-625		2	Screw, Machine
					19	0825-015		1	Motor, Starter - Assembly



THROTTLE BODY ASSEMBLY

0742-977

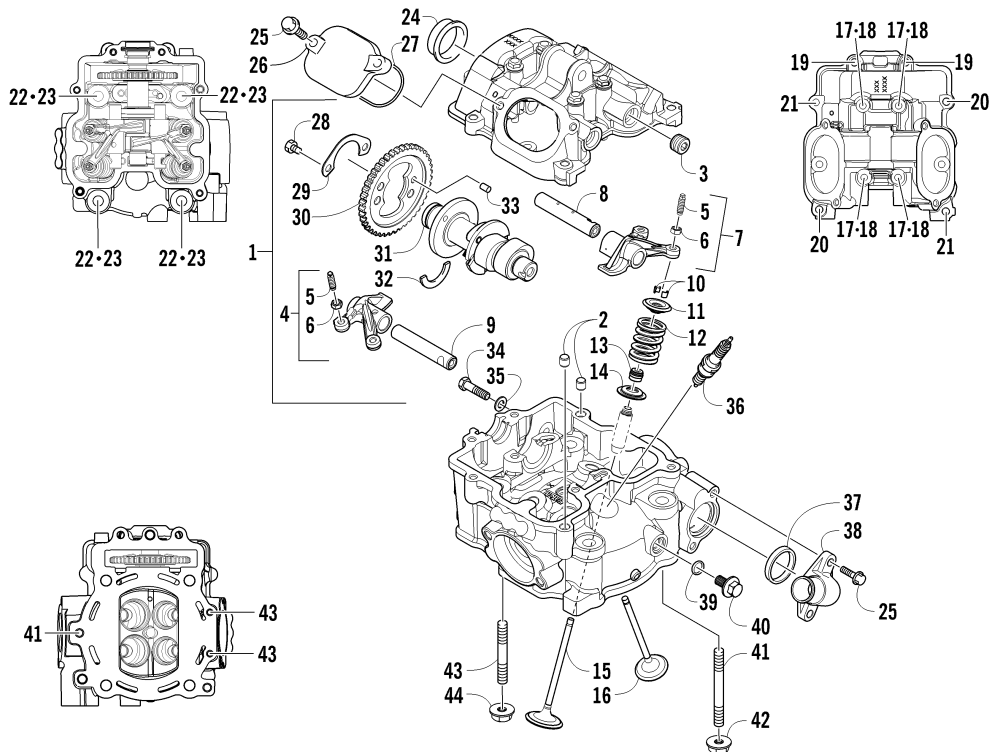
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-686		1	Throttle - Assembly (inc. 2-15)	16	0570-230		1	Manifold, Intake - Assembly (inc. 17-26)
2	—		1	● Throttle Body - Not a Service Part	17	0423-066		4	● Clamp
3	0430-072		1	● Sensor, Throttle Position	18	0470-660		2	● Boot, Intake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



CYLINDER ASSEMBLY

0745-047

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



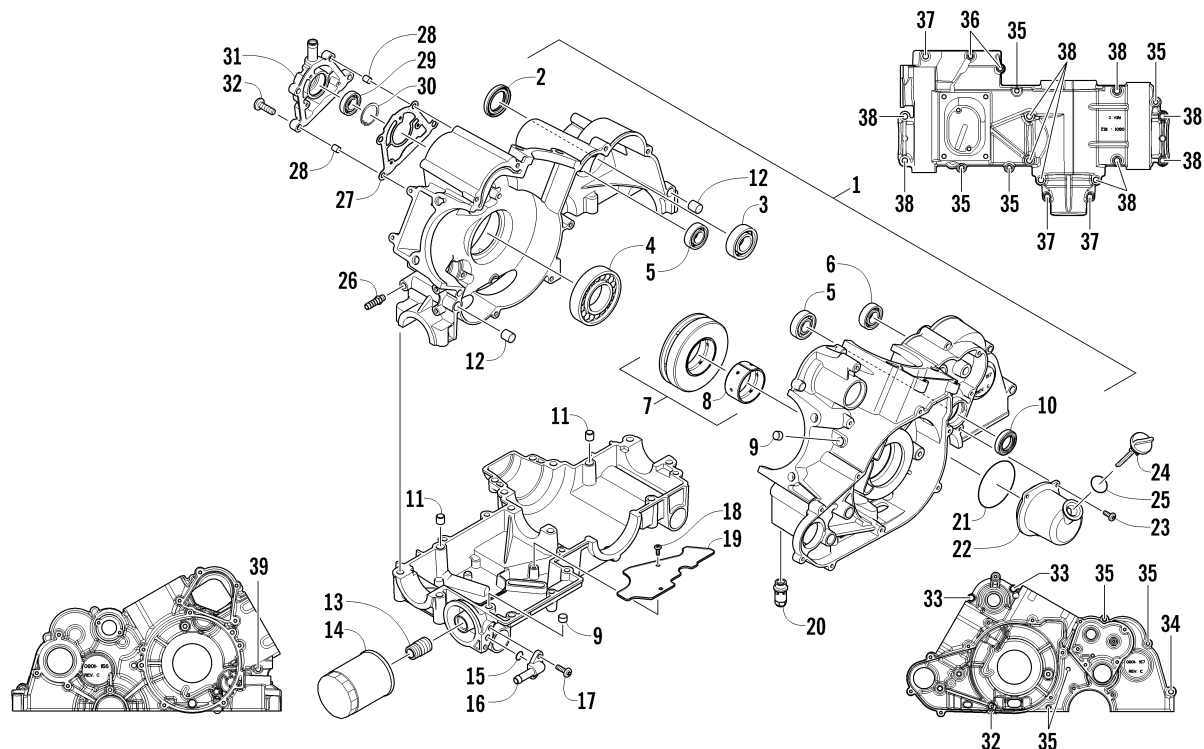
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0745-535

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-175	X	2	Head, Cylinder - Assembly (inc. 2-17)	23	0830-147		8	Washer
2	0829-048	X	4	● Pin, Dowel	24	0808-077		2	Plug, Cylinder Head
3	0831-083	X	4	● Plug, Shaft	25	0826-007		12	Screw, Cap
4	0809-237	X	2	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	26	0808-003		4	Cap, Inspection
5	0809-240	X	8	●● Screw, Adjuster	27	0830-167		4	O-Ring
6	0827-059	X	8	●● Nut	28	0826-034		4	Screw, Cap
7	0809-234	X	2	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	29	0828-004		2	Plate, Retainer
8	0809-241	X	2	● Shaft, Rocker Arm - Intake	30	0809-002		2	Sprocket
9	0809-242	X	2	● Shaft, Rocker Arm - Exhaust	31	0809-246		1	Camshaft, Front Cylinder
10	0809-233	X	16	● Cotter, Valve		0809-248		1	Camshaft, Rear Cylinder
11	0809-232	X	8	● Retainer, Spring	32	0809-003		2	C-Ring
12	0809-231	X	8	● Spring, Valve	33	0829-049		2	Pin, Dowel
13	0830-186	X	8	● Seal, Oil	34	8400-812		2	Screw, Cap
14	0809-230	X	8	● Seat, Spring - Valve	35	0830-025		2	Washer, Crush
15	0809-228	X	4	● Valve, Intake	36	0217-799		2	Spark Plug - CPR8E
16	0809-229	X	4	● Valve, Exhaust	37	0830-120		2	Seal
17	0826-149	X	8	● Screw, Cap	38	0808-008		2	Cover, Thermostat
18	0830-155	X	8	Gasket	39	0830-213	X	2	O-Ring
19	0826-002		4	Screw, Cap	40	0826-157	X	2	Screw, Cap
20	0826-005		4	Screw, Cap	41	0827-062		2	Bolt, Stud
21	0826-006		4	Screw, Cap	42	8424-804		2	Nut
22	0808-090		8	Screw, Cap	43	0827-030		4	Bolt, Stud
					44	8424-604		4	Nut



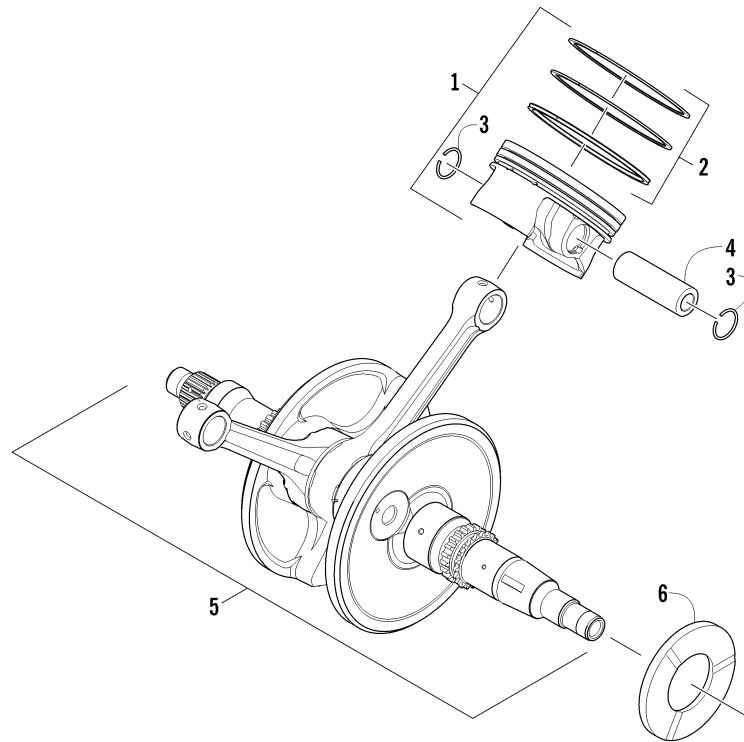
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0810-001	2	Chain, Cam	6	0830-134	2	Gasket
2	0810-046	2	Guide, Chain	7	8468-620	4	Screw, Machine
3	0810-049	2	Tensioner, Chain	8	8400-610	2	Screw, Cap
4	0826-106	2	Pivot, Tensioner	9	0828-129	2	Washer
5	0810-004	2	Adjuster, Tensioner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



CRANKCASE ASSEMBLY

0745-051

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-172		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	X	2	Pin, Dowel
9	0801-002		2	● 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	8468-620		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					

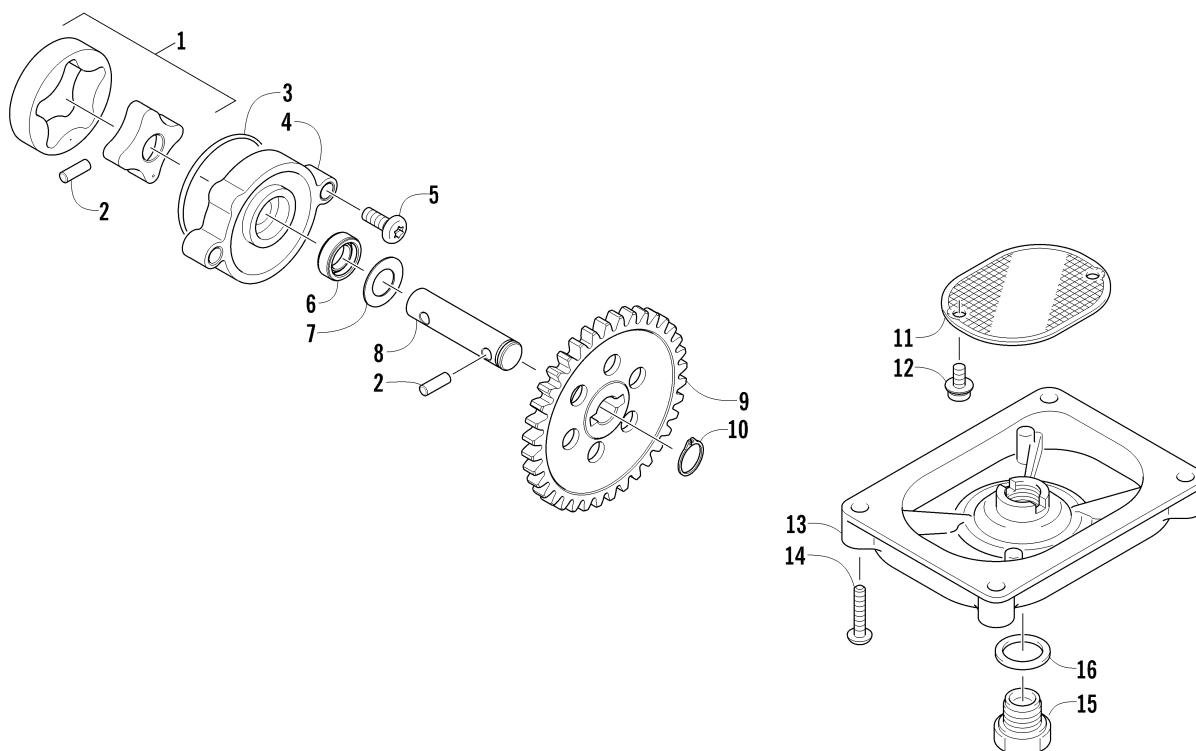


CRANKSHAFT AND PISTON ASSEMBLY

0745-070

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

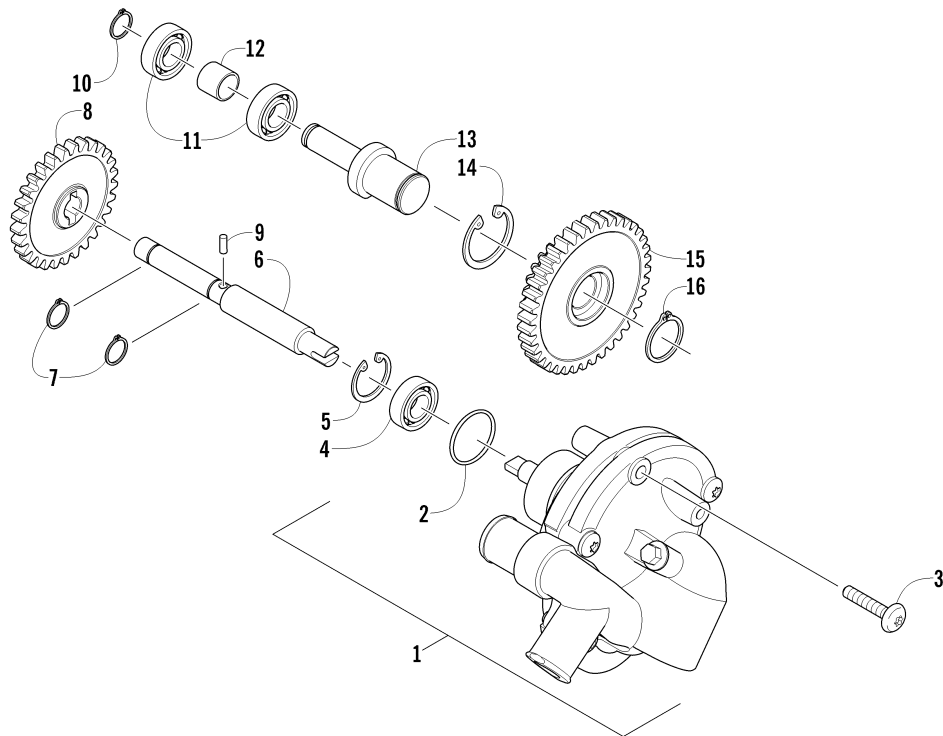
32



OIL PUMP ASSEMBLY

0745-052

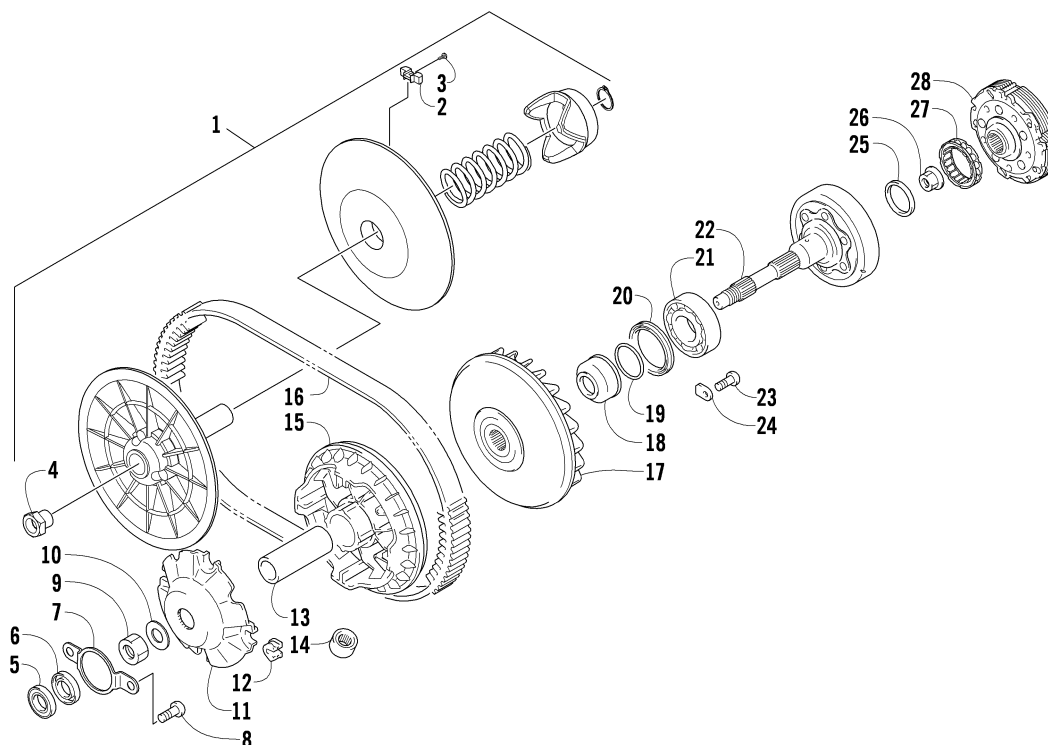
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0812-041	1	1	Gerotor - Set	9	0812-045	1	1	Gear, Driven
2	0829-009	2	2	Pin, Dowel	10	0831-002	1	1	Ring, Retaining
3	0812-048	1	1	O-Ring	11	0812-057	1	1	Strainer, Oil
4	0812-040	1	1	Housing, Oil Pump	12	0826-040	2	2	Screw, Machine
5	8468-625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



WATER PUMP ASSEMBLY

0745-053

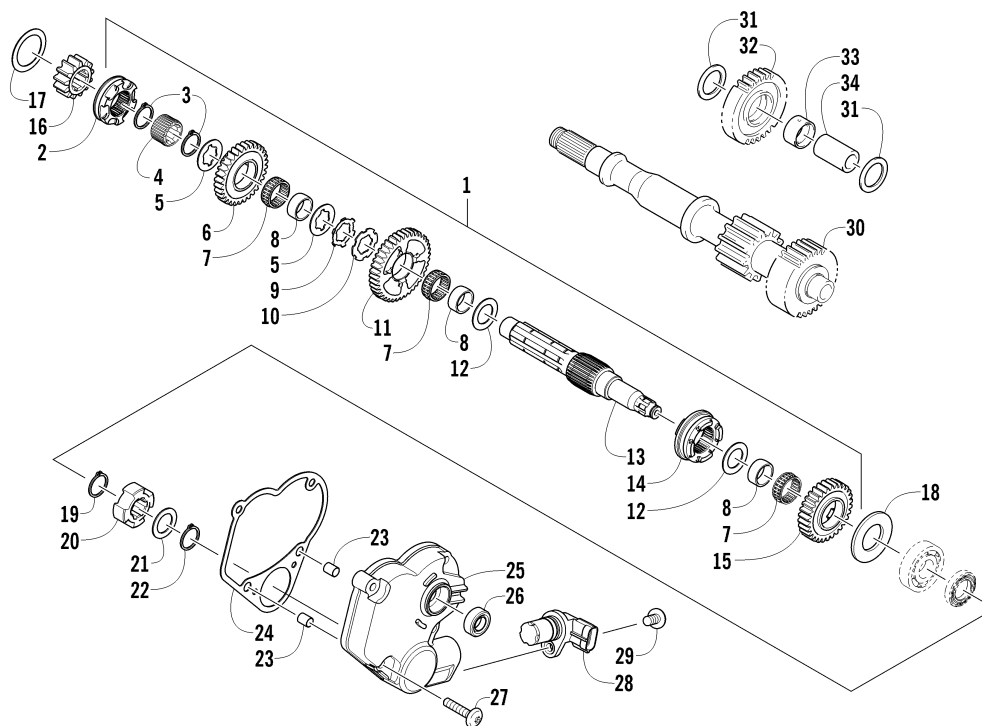
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-056		1	Pump, Water - Assembly (inc. 2)	9	0829-009		1	Pin, Dowel
2	0830-029		1	● O-Ring	10	0831-002		1	Ring, Retaining
3	8468-650		2	Screw, Machine	11	0832-046		2	Bearing
4	0832-084		1	Bearing	12	0813-028		1	Spacer, Idler - Water 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

0742-982

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-157	1	1	Pulley, Driven - Assembly (inc. 2-4)	15	0823-159	1	1	Face, Movable Drive
2	0823-176	3	3	● Shoe, Cam	16	0823-231	1	1	Belt, Drive
3	0823-177	3	3	● Screw, Machine	17	0823-156	1	1	Face, Fixed Drive
4	0823-178	1	1	● Nut, Driven Pulley	18	0823-015	1	1	Spacer, Fixed Drive Face
5	0832-010	1	1	Bearing	19	0470-531	1	1	O-Ring
6	0830-176	1	1	Seal	20	0830-188	1	1	Seal, Clutch Housing - Right
7	0823-020	1	1	Retainer, Bearing	21	0832-047	1	1	Bearing
8	0826-031	2	2	Screw, Machine	22	0823-261	1	1	Housing, Clutch
9	0827-010	1	1	Nut	23	0826-029	2	2	Screw, Machine
10	0828-106	1	1	Washer	24	0822-010	2	2	Retainer, Bearing
11	0823-008	1	1	Plate, Movable Drive Face	25	0830-189	1	1	Seal, Clutch Housing - Left
12	0823-010	4	4	Damper, Movable Drive Face	26	0827-011	1	1	Nut
13	0823-265	1	1	Spacer, Movable Drive Face	27	0823-018	1	1	Clutch, One-Way
14	0823-170	8	8	Roller, Movable Drive Face	28	0823-310	1	1	Clutch, Centrifugal - 6 Plate

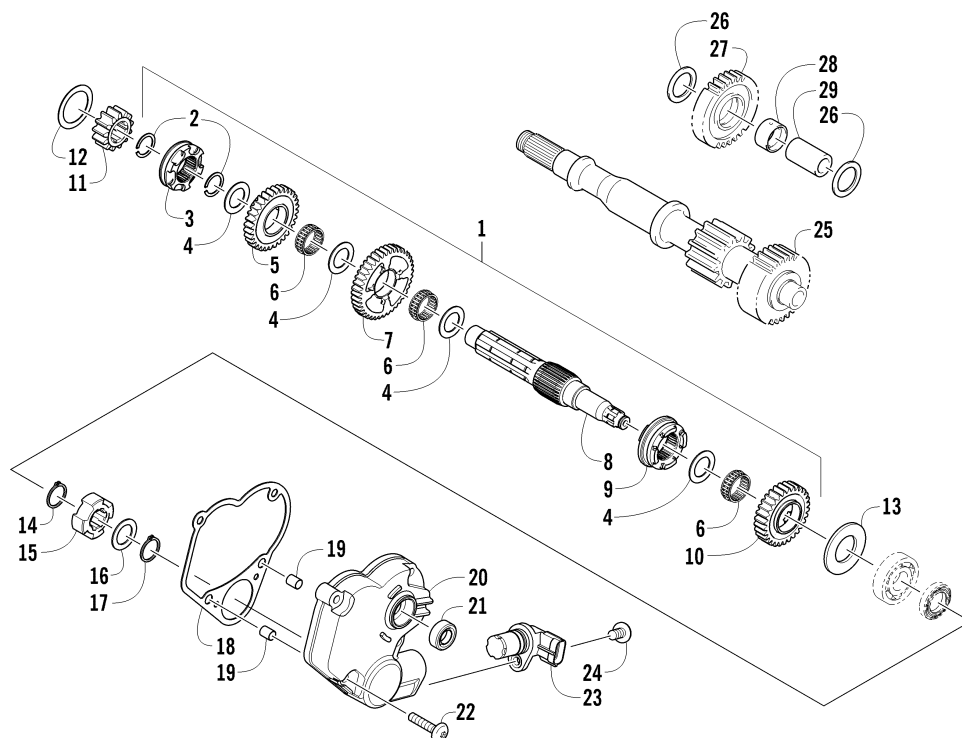


SECONDARY TRANSMISSION ASSEMBLY

(Up to Engine Serial No. 40010069)

0745-054

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-091		1	Countershaft Assembly (inc. 2-15)	18	0828-011		1	Washer
2	0822-014		1	● Gear Select, Reverse	19	0831-040		1	Ring, Retaining
3	0831-011		2	● Ring, Retaining	20	0822-050		1	Trigger, Speedometer Sensor
4	0822-045		1	● Spacer, Reverse Driven Gear	21	0828-069		1	Washer, Thrust
5	0828-008		2	● Washer	22	0831-039		1	Ring, Retaining
6	0822-013		1	● Gear, Reverse Driven	23	0829-001		2	Pin, Dowel
7	0832-011		3	● Bearing	24	0830-194		1	Gasket
8	0822-005		3	● Bushing	25	0806-105		1	Housing, Speedometer Sensor
9	0828-014		1	● Washer, Lock	26	0830-044		1	Seal
10	0828-015		1	● Washer, Lock	27	8468-630		4	Screw, Machine
11	0822-004		1	● Gear, Driven - Low	28	0824-042		1	Sensor, Speedometer
12	0822-046		2	● Washer, Driven Gear	29	8468-620		1	Screw, Machine
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	0828-019		1	Washer, Thrust	34	0822-015		1	Shaft, Reverse Idle

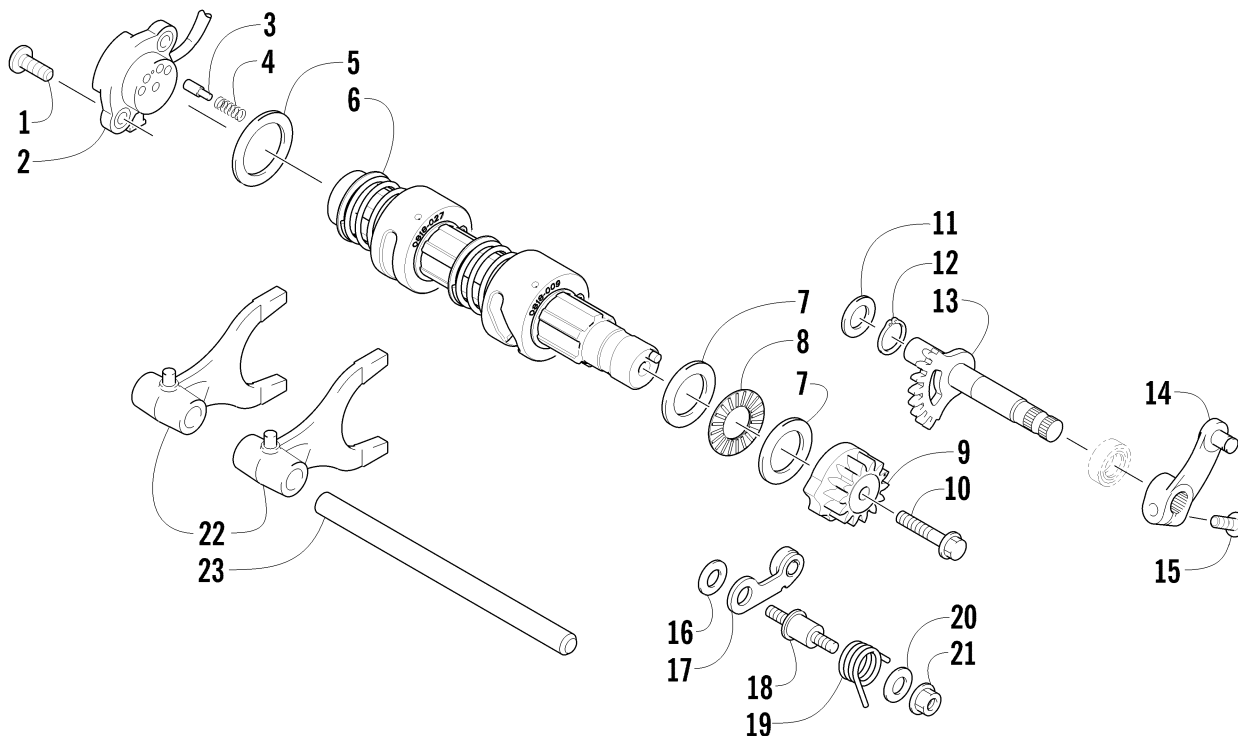


SECONDARY TRANSMISSION ASSEMBLY

(Engine Serial No. 40010070 and Up)

0745-540

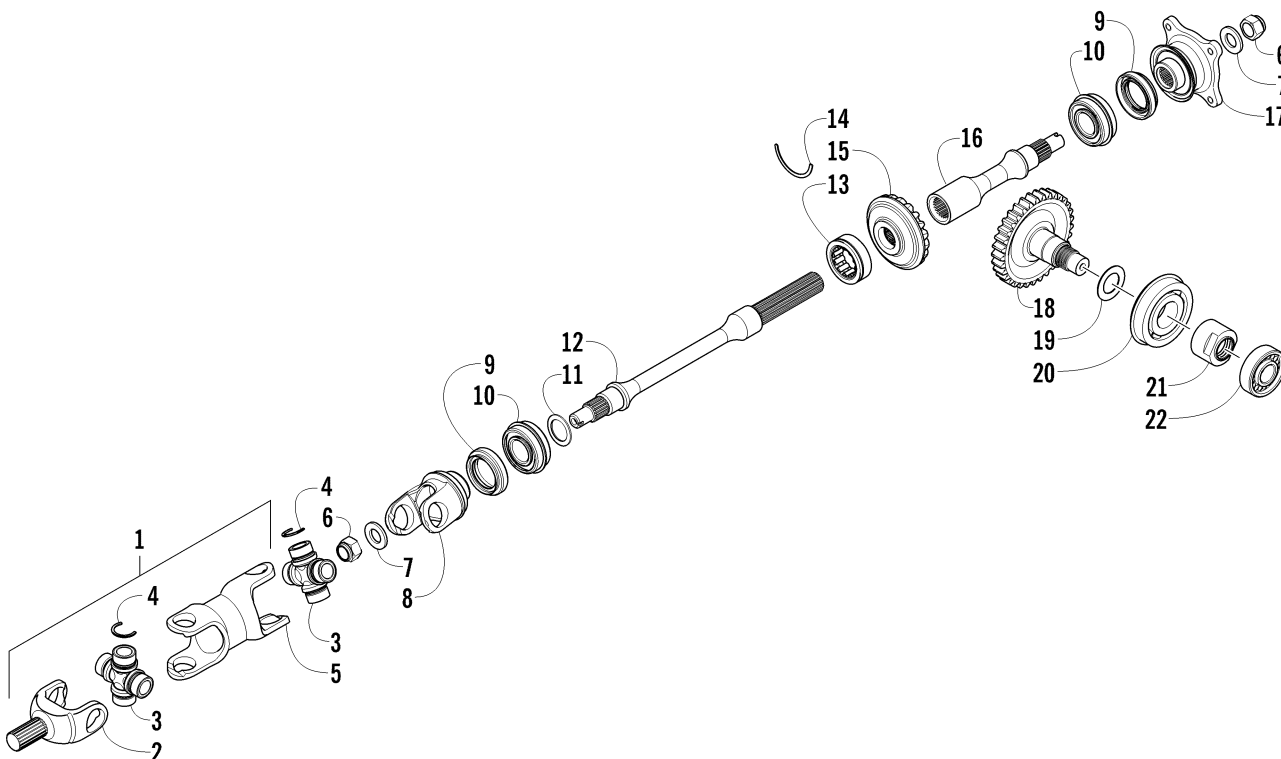
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124	X	1	Countershaft Assembly (inc. 2-10)	16	0828-069		1	Washer, Thrust
2	0831-085	X	2	● Ring, Retaining	17	0831-039		1	Ring, Retaining
3	0822-120	X	1	● Gear Select, Reverse	18	0830-194		1	Gasket
4	0822-121	X	4	● Shim	19	0829-048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



GEAR SHIFTING ASSEMBLY

0745-057

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8470-516		2	Screw, Machine	13	0818-095		1	Shaft, Sub-Gear Shift
2	0409-091		1	Switch, Gear Position	14	0818-014		1	Arm, Shift
3	0818-013		2	Contact	15	8468-620		1	Screw, Machine
4	0818-017		2	Spring	16	0828-038		1	Washer
5	0828-040		1	Washer	17	0818-002		1	Stopper, Cam
6	0818-046		1	Shaft, Gear Shift - Assembly	18	0818-004		1	Support, Cam Stopper
7	0828-095		2	Washer, Thrust	19	0818-090		1	Spring
8	0832-052		1	Bearing, Thrust	20	0828-035		1	Washer
9	0818-055		1	Cam, Gear Shift	21	8424-602		1	Nut
10	0826-006		1	Screw, Cap	22	0818-072		2	Fork, Shift
11	0828-036		1	Washer	23	0818-006		1	Shaft, Shift Fork
12	0831-010		1	Ring, Retaining					

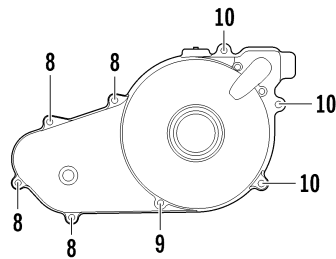
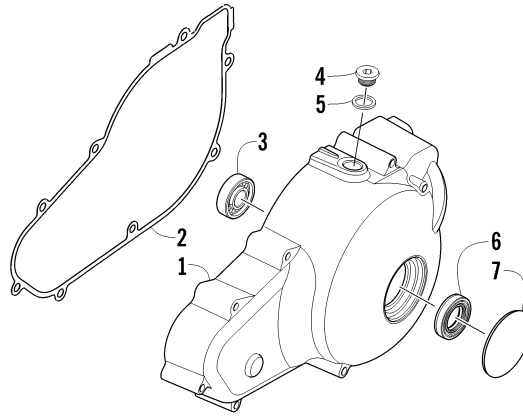


SECONDARY DRIVE ASSEMBLY

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)	13	0832-016		1	Bearing, Driven Gear
2	1402-701		1	● Yoke, Slip	14	0819-011		1	Ring, Driven Bearing
3	0402-944		2	● Joint, Universal - Set (inc. 4)	15	0822-106		1	Gear, Secondary Driven
4	0423-395		8	●● Ring, Retaining	16	0819-053		1	Shaft, Secondary Driven - Rear
5	1502-341		1	● Driveshaft, Front	17	0819-005		1	Flange, Output Joint - Rear
6	0827-013		2	Nut	18	0822-108		1	Gear, Secondary Drive - (Up to Engine Serial No. 40010069)
7	0828-020		2	Washer		0822-132	X	1	Gear, Secondary Drive - (Engine Serial No. 40010070 and Up)
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
12	0819-089		1	Shaft, Secondary Driven - Front					

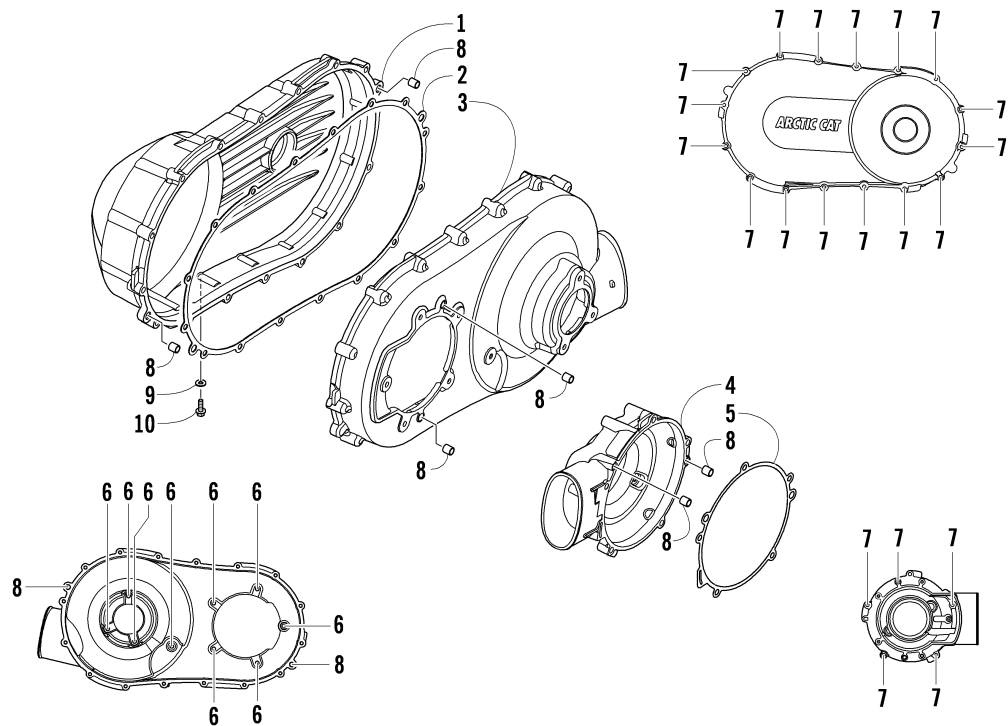
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MAGNETO SIDE ENGINE COVERS

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

NOTES

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