

2010

Illustrated Parts Manual

Thundercat



Model Number A2010IEW4EUSO (Metallic Black)
Model Number A2010IEW4EUSM (Metallic Cat Green)

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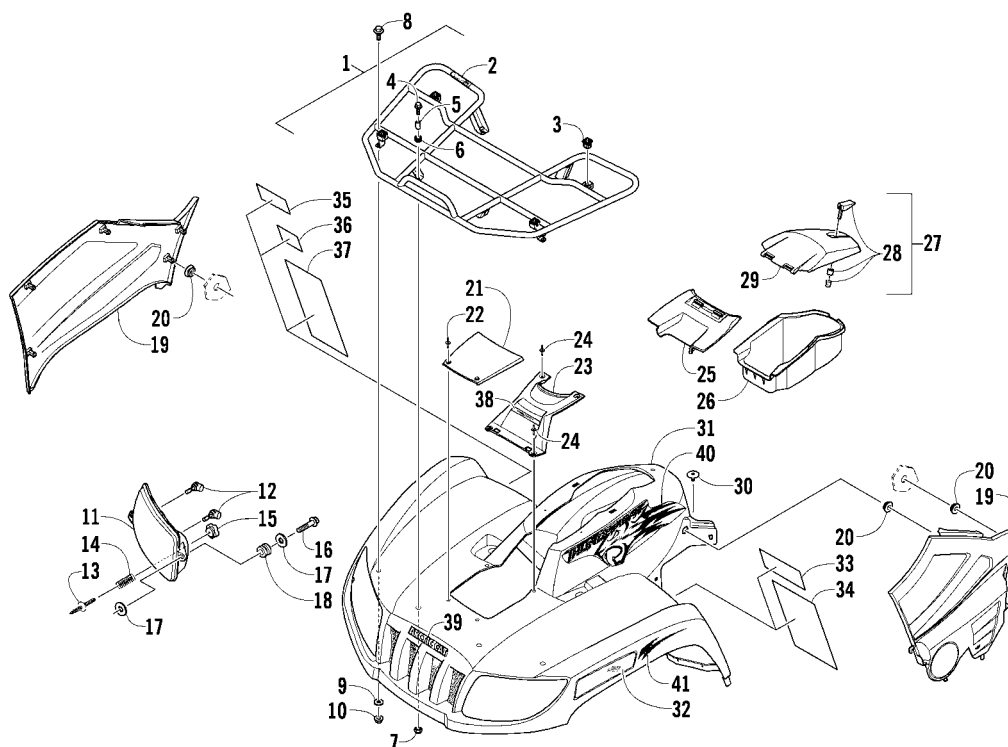
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2010 ATV Thundercat

Metallic Black (Model No. A2010IEW4EUSO) Metallic Cat Green (Model No. A2010IEW4EUSM)

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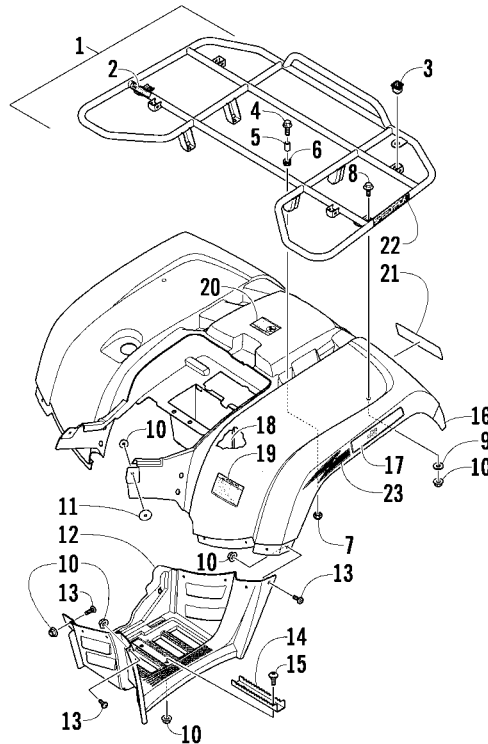
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0744-585

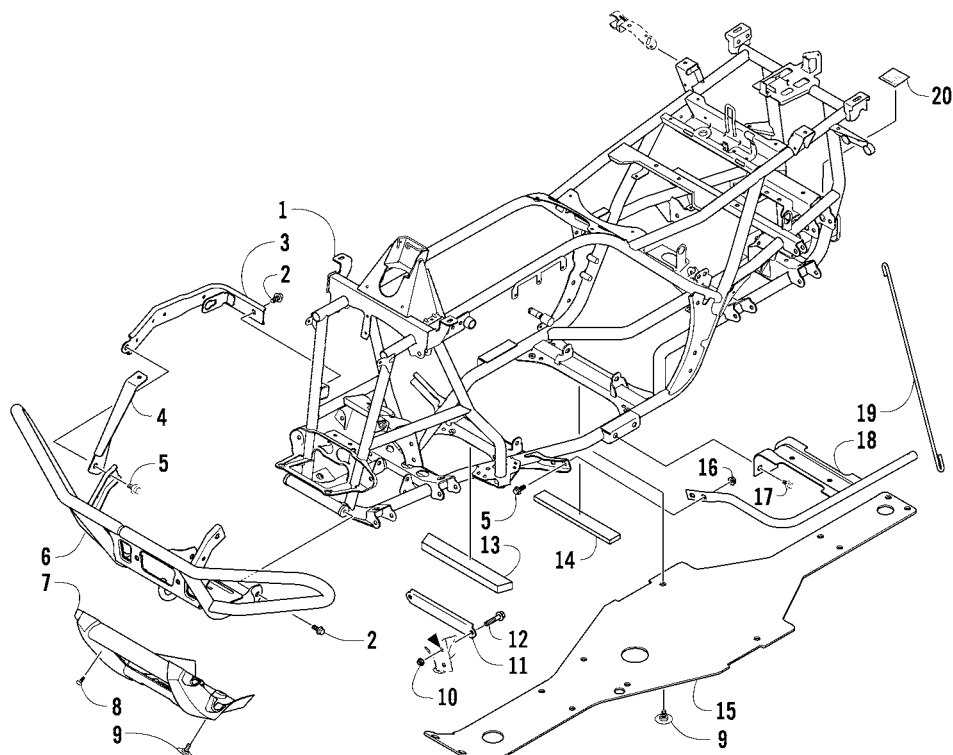
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3) (4EUSO)	23	1406-484		1	Cover, Steering Post
	2506-643		1	Rack, Front - Assembly (inc. 2-3) (4EUSM)	24	0623-362		4	Rivet, Reinstallable
2	0411-576		1	● Decal, Warning - Load	25	0470-513		1	Cover, Storage Box
3	0441-592		4	● Bushing, Rack	26	1406-573		1	Box, Storage
4	8410-830		4	Screw, Cap	27	2506-234		1	Lid, Storage Box w/Latch (inc. 28-29)
5	0423-669		4	Spacer	28	1406-599		1	● Latch, Storage Box
6	0423-465		4	Grommet	29	0470-514		1	● Lid, Storage Box
7	8432-802		4	Nut, Lock	30	0423-101		2	Screw, Shoulder
8	0423-654		2	Screw, Shoulder	31	2516-572	X	1	Panel, Fender - Front - Metallic Black (inc. 32-37) (4EUSO)
9	8050-222		2	Washer		2516-392	X	1	Panel, Fender - Front - Metallic Cat Green (inc. 32-37) (4EUSM)
10	0423-540		2	Nut, Lock	32	0411-818		1	● Decal, Reflector - Right - Amber
11	0509-044		1	Headlight Assembly - Right (inc. 12)		0411-819		1	● Decal, Reflector - Left - Amber
	0509-035		1	Headlight Assembly - Left (inc. 12)	33	1411-574		1	● Decal, Warning - Off-Road Only
12	0409-055		4	● Bulb, Headlight	34	2411-124	X	1	● Decal, Warning - General/Age
13	0423-514		2	Stud, Adjuster - Headlight	35	0411-835		1	● Decal, Warning - Turn/Hill
14	0423-522		2	Spring, Adjuster	36	1411-906		1	● Decal, Warning - Throttle
15	0423-513		2	Knob, Adjuster	37	1411-250		1	● Decal, Warning - Reverse/Pre-Ride
16	0623-785		4	Screw, Self-Tapping	38	1411-050		1	Decal, "Speedrack"
17	8050-217		8	Washer	39	1411-724		1	Decal, Front (4EUSO)
18	0423-447		4	Grommet	40	1411-888		1	Decal, Side - Upper Right
19	2406-588		1	Panel, Side - Lower - Right		1411-889		1	Decal, Side - Upper Left
	2406-589		1	Panel, Side - Lower - Left	41	1411-820		1	Decal, Side Fender - Front - Right (4EUSM)
20	0423-678		8	Grommet		1411-821		1	Decal, Side Fender - Front - Left (4EUSM)
21	1406-358		1	Cover, Access					
22	0423-535		2	Rivet, Reinstallable					



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0744-592

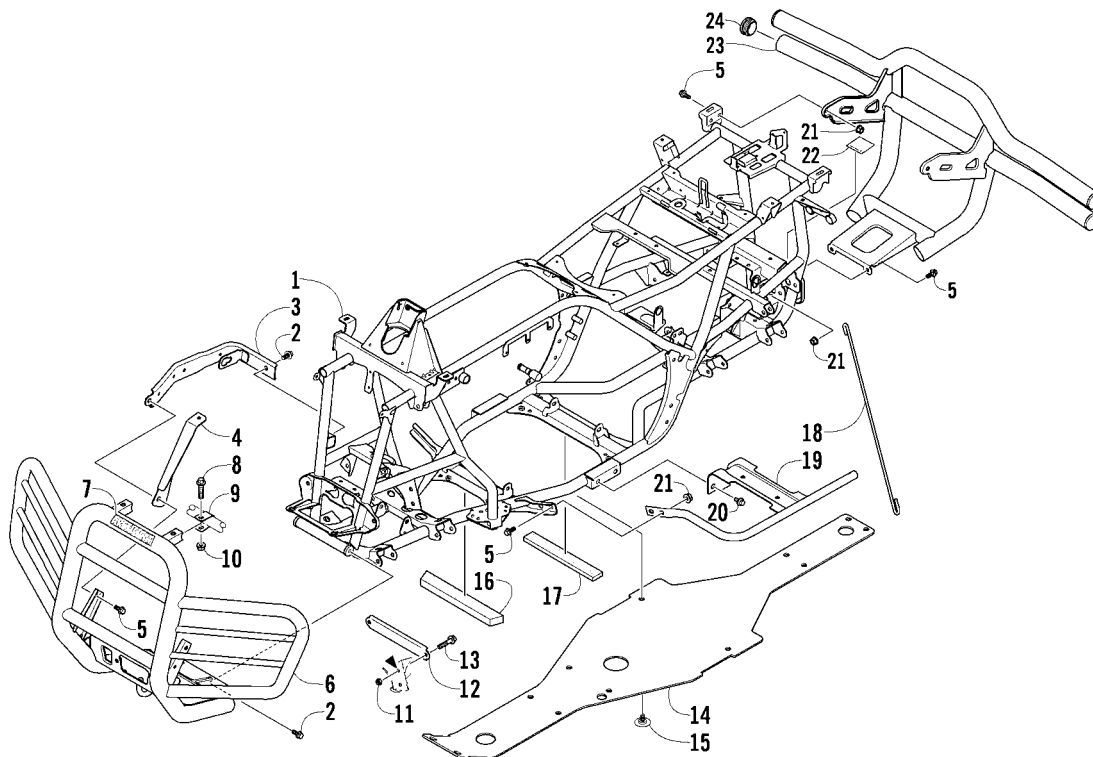
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-125		1	Rack, Rear - Assembly (inc. 2-3)	16	2516-217		1	Panel, Fender - Rear - Metallic Black (inc. 17-21) (4EUSO)
2	0411-648		1	● Decal, Warning - Load		2516-133		1	Panel, Fender - Rear - Metallic Cat Green (inc. 17-21) (4EUSM)
3	0441-592		4	● Bushing, Rack	17	1411-592		1	● Decal, Reflector - Right - Red
4	8410-830		4	Screw, Cap		1411-593		1	● Decal, Reflector - Left - Red
5	0423-669		4	Spacer	18	0470-658		1	● Foil, Protective
6	0423-465		4	Grommet	19	2411-143	X	1	● Decal, Warning - Tire Pressure
7	8432-802		4	Nut, Lock	20	1411-809		1	● Decal, Passenger
8	0423-654		2	Screw, Shoulder	21	1411-724		1	● Decal, Rear (4EUSO)
9	8050-222		2	Washer		1411-725		1	● Decal, Rear (4EUSM)
10	0423-540		26	Nut, Lock	22	0411-965		2	Decal, "Speedrack"
11	0423-101		2	Screw, Shoulder	23	1411-822		1	Decal, Side Fender - Rear - Right (4EUSM)
12	2506-450		1	Footwell - Right		1411-823		1	Decal, Side Fender - Rear - Left (4EUSM)
13	1406-519		1	Footwell - Left					
14	0423-419		18	Screw, Machine					
15	1506-125		2	Footpeg					
	0423-355		4	Screw, Shoulder					



FRAME AND RELATED PARTS (4EUSO)

0743-308

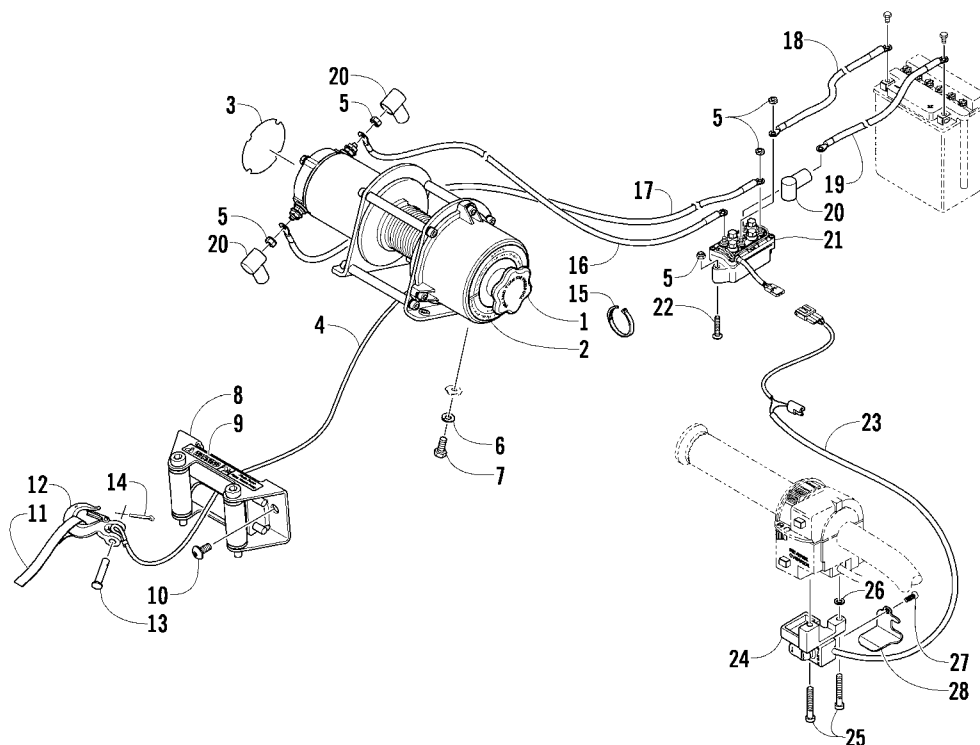
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-094	1	1	Frame, Main	11	1506-429	1	1	Brace, A-Arm
2	8409-020	4	4	Screw, Cap	12	8409-025	2	2	Screw, Cap
3	2506-813	1	1	Channel, Mounting - Bumper - Right	13	2506-701	1	1	Pad, Foam
	2506-285	1	1	Channel, Mounting - Bumper - Left	14	0406-289	1	1	Pad, Foam
4	1506-562	1	1	Bracket, Mounting - Bumper - Right	15	2406-648	1	1	Panel, Belly
	1506-563	1	1	Bracket, Mounting - Bumper - Left	16	8424-802	4	4	Nut
5	8408-816	6	6	Screw, Cap	17	8409-016	4	4	Screw, Cap
6	1506-855	1	1	Bumper, Front	18	2506-449	1	1	Footrest - Right
7	1406-360	1	1	Fascia, Bumper - Front		1506-379	1	1	Footrest - Left
8	0423-419	2	2	Screw, Machine	19	2506-423	2	2	Rod, Support
9	0423-101	12	12	Screw, Shoulder	20	1411-077	1	1	Decal, Warning - Towing
10	0423-744	2	2	Nut, Lock					



FRAME AND RELATED PARTS (4EUSM)

0744-588

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-094		1	Frame, Main	13	8409-025		2	Screw, Cap
2	8409-020		4	Screw, Cap	14	2406-648		1	Panel, Belly
3	2506-813		1	Channel, Mounting - Bumper - Right	15	0423-101		10	Screw, Shoulder
	2506-285		1	Channel, Mounting - Bumper - Left	16	2506-701		1	Pad, Foam
4	1506-562		1	Bracket, Mounting - Bumper - Right	17	0406-289		1	Pad, Foam
	1506-563		1	Bracket, Mounting - Bumper - Left	18	2506-423		2	Rod, Support
5	8408-816		10	Screw, Cap	19	2506-449		1	Footrest - Right
6	2506-639		1	Bumper, Front		1506-379		1	Footrest - Left
7	0411-501		1	Decal, Bumper - "Arctic Cat"	20	8409-016		4	Screw, Cap
8	8410-835		2	Screw, Cap	21	8424-802		8	Nut
9	2506-641		2	Strap, Support - Bumper	22	1411-077		1	Decal, Warning - Towing
10	8424-805		2	Nut	23	0541-607		1	Bumper, Rear (inc. 24)
11	0423-744		2	Nut, Lock	24	0406-130		4	● Plug, Hole
12	1506-429		1	Brace, A-Arm					



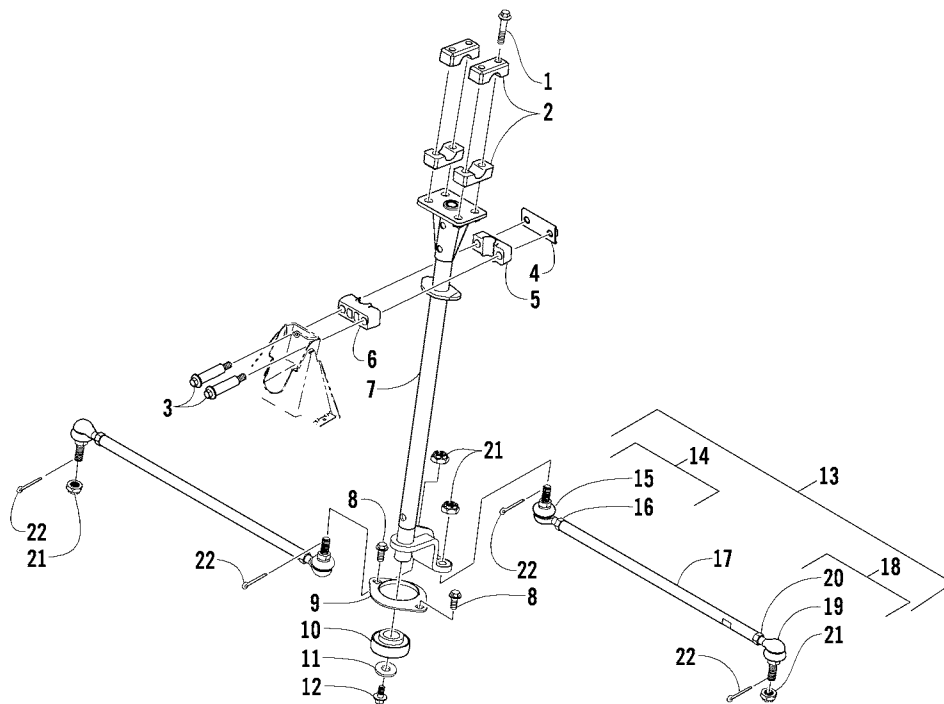
WINCH ASSEMBLY (4EUSM)

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



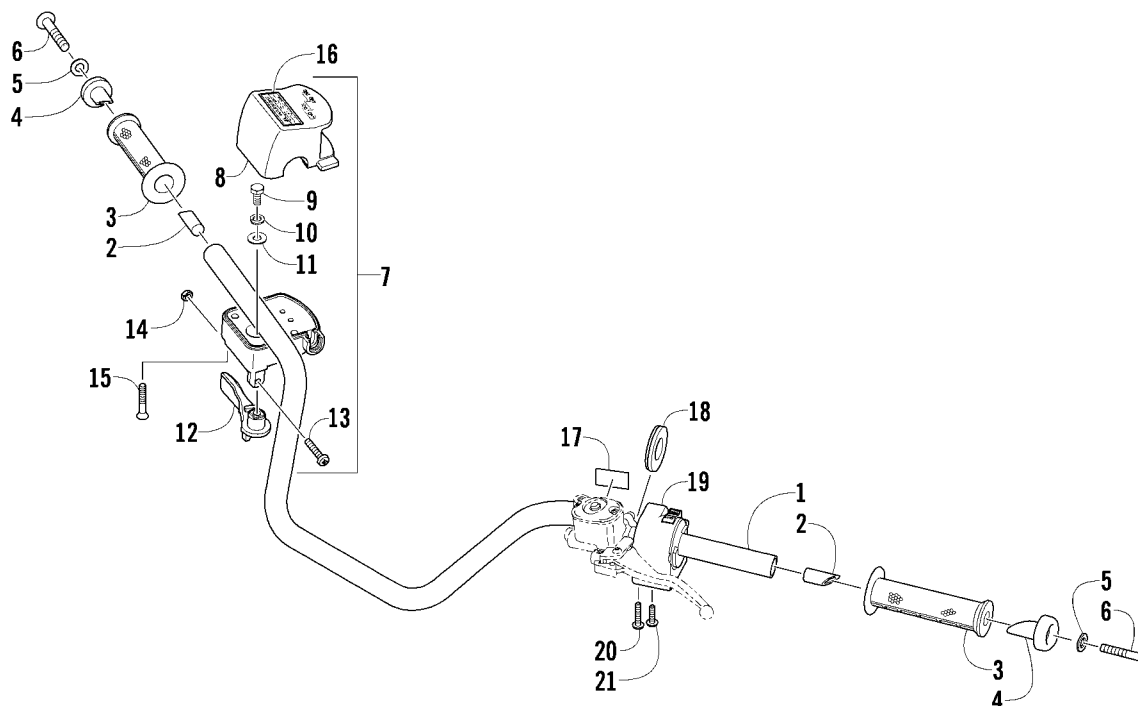
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	4	0409-057	1	● Socket, Taillight
2	0509-025	1	● Housing, Taillight	5	0623-301	2	Screw, Self-Tapping
3	0409-056	1	● Bulb, Taillight	6	8053-212	2	Washer, External Tooth Lock



STEERING ASSEMBLY

0742-327

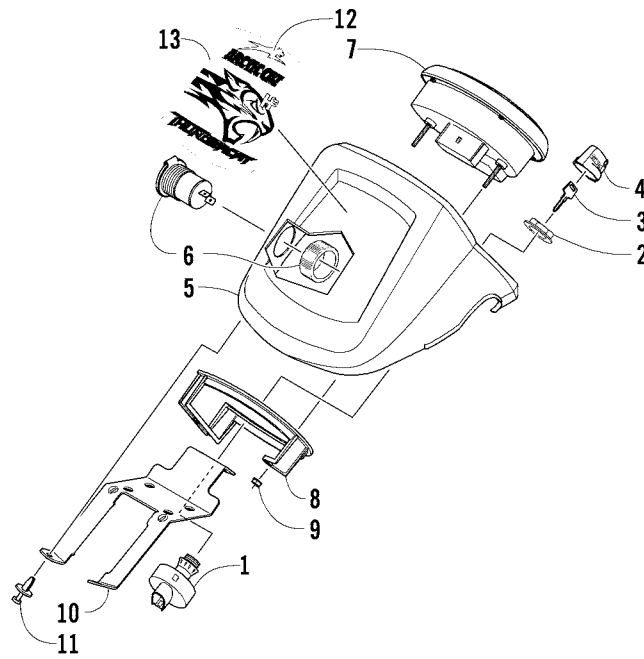
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-860		4	Screw, Cap	14	0505-511		2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 15-16)
2	0405-035		4	Cap, Steering Adjuster	15	—		2	●● End, Tie Rod - Left-Hand Thread - Not a Service Part
3	0423-505		2	Screw, Shoulder	16	0423-013		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

0744-426

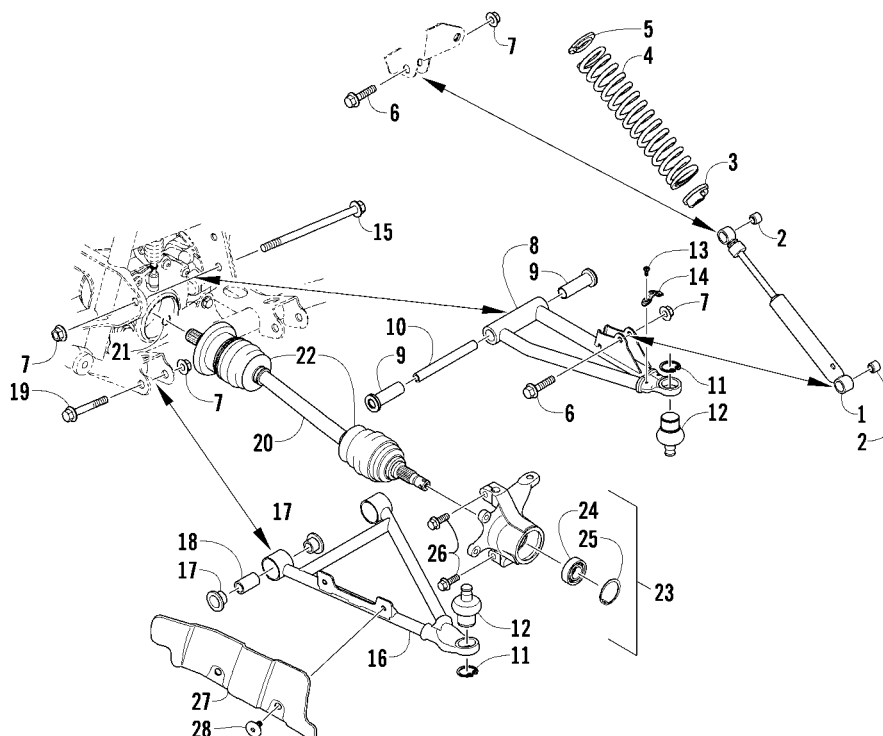
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-418		1	Handlebar	12	0409-133	X	1	● Lever, Throttle
2	0405-218		2	Plug, Handlebar	13	3423-014		1	● Screw, Machine
3	0405-147		2	Grip, Handlebar	14	3423-327		1	● Nut
4	0405-149		2	End Cap, Handlebar	15	3423-199		2	● Screw, Machine
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	X	1	Case, Throttle - Assembly (inc. 8-15)	18	3409-019		1	Cover, Switch Housing
8	0409-141	X	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

0744-445

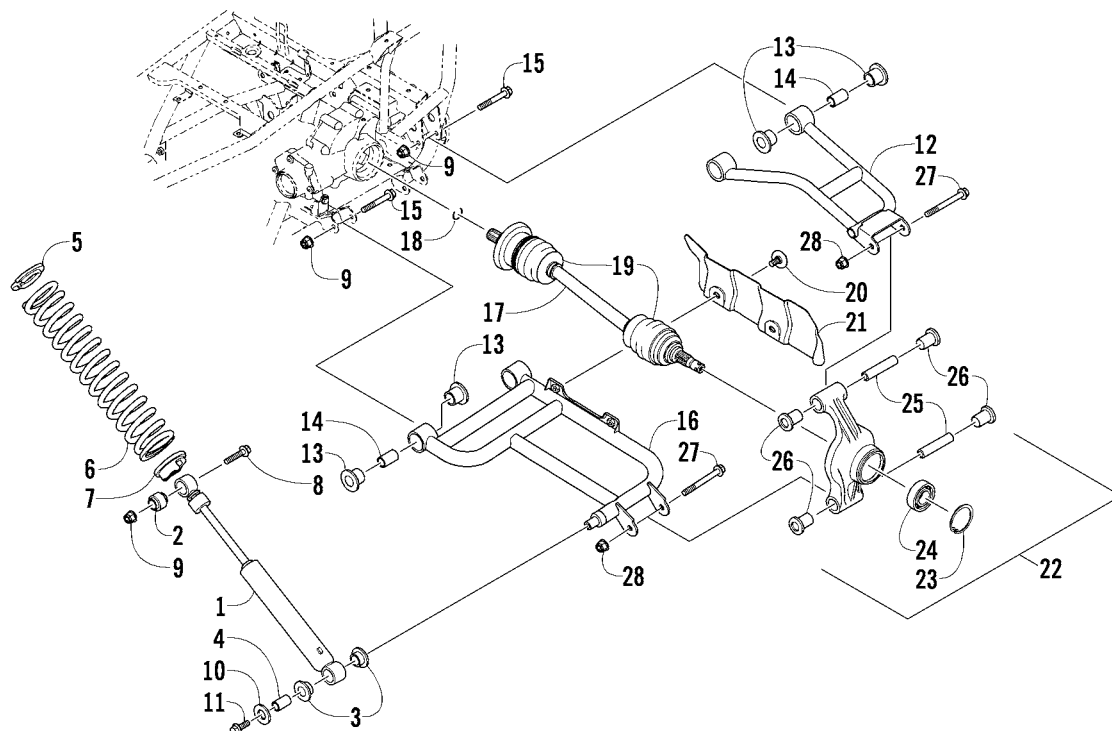
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	7	0520-051		1	Speedometer/Tachometer (Up to VIN: 4UF10ATV3AT202941)
2	0430-050		1	● Nut, Retaining		0520-071	X	1	Speedometer/Tachometer (VIN: 4UF10ATV5AT202942 and Up)
3	0430-042		1	● 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	X	1	Instrument Pod - Metallic Black (4EUSO)	11	0423-535		2	Rivet, Reinstallable
	0505-589	X	1	Instrument Pod - Metallic Cat Green (4EUSM)	12	8611-267		1	Decal, Aircat
6	0641-897		1	Outlet, Accessory - 12V	13	2411-073	X	1	Decal, Instrument Pod



FRONT SUSPENSION ASSEMBLY

0744-483

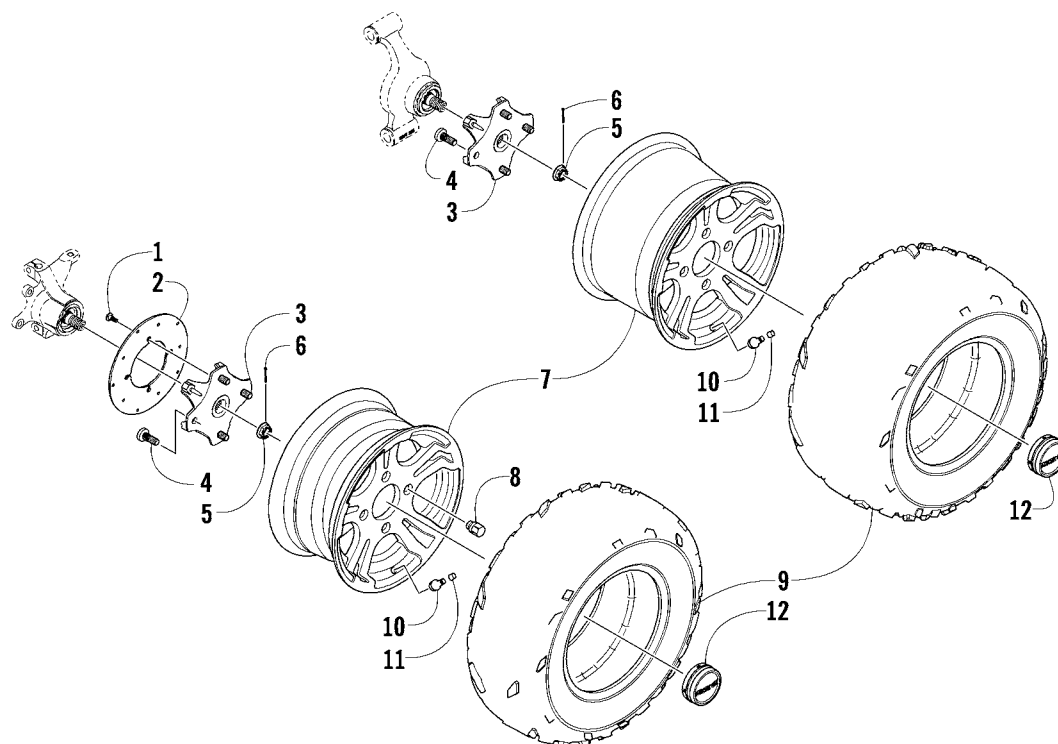
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-188		2	Shock Absorber (inc. 2)	17	0403-208	X	8	● Bushing
2	0403-182		4	● Bushing	18	0403-214	X	4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-354		2	Spring, Suspension - Platinum	20	1502-344		1	Axle, Drive - Front - Right (inc. 21-22)
5	1603-889		2	Retainer, Spring		1502-345		1	Axle, Drive - Front - Left (inc. 21-22)
6	8409-040		4	Screw, Cap	21	0423-844		2	● Ring, Retaining
7	0423-744		10	Nut, Lock	22	0436-276		2	● Repair Kit, Boot - Front Axle
8	0503-428	X	1	A-Arm, Upper Right - Platinum (inc. 9-12)	23	0505-578		1	Knuckle - Assembly - Right (inc. 24-25)
	0503-429	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 one No. 11-12)					
	0503-381		1	A-Arm, Lower Left - Platinum (inc. 17-18 and one No. 11-12)					



REAR SUSPENSION ASSEMBLY

0744-446

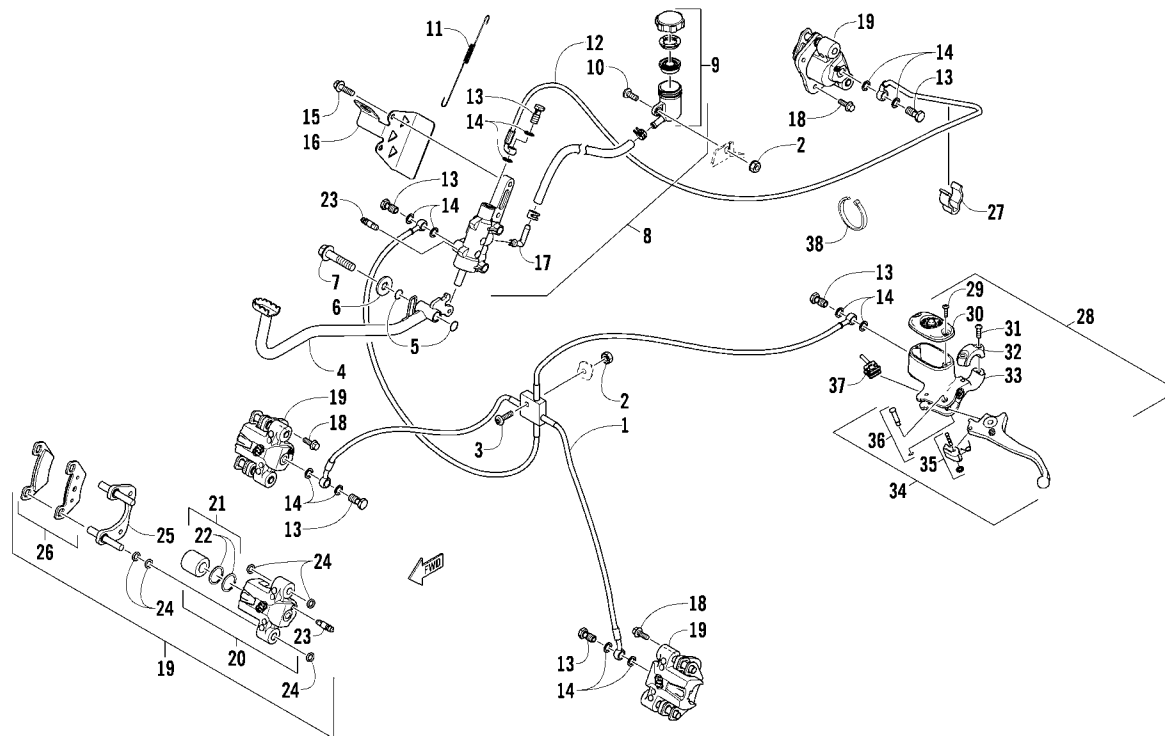
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)	17	1502-343		2	Axle, Drive (inc. 18-19)
2	0403-182		2	● Bushing	18	0423-845		2	● Ring, Retaining
3	0603-955		4	● Bushing	19	0436-276		2	● Repair Kit, Boot - Rear Axle
4	1603-219		2	● Sleeve	20	0423-545		4	Screw, Shoulder
5	1603-889		2	Retainer, Spring	21	1406-068		1	Guard, Boot - Right - Black
6	0504-538		2	Spring, Suspension - Platinum		1406-069		1	Guard, Boot - Left - Black
7	0404-057		2	Cam, Spring Adjuster	22	0504-550		1	Knuckle, Right Rear - Assembly
8	8409-040		1	Screw, Cap - Right					(inc. 23-26)
	8409-050		1	Screw, Cap - Left		0504-551		1	Knuckle, Left Rear - Assembly
9	0423-744		10	Nut, Lock					(inc. 23-26)
10	0423-087		2	Washer	23	0423-423		2	● Ring, Retaining
11	8408-820		2	Screw, Cap	24	1402-809		2	● Bearing
12	0504-586		1	A-Arm, Rear - Upper Right - Platinum	25	0403-213	X	4	● Axle
				(inc. 13-14)	26	0403-206	X	8	● Bushing
	0504-587		1	A-Arm, Rear - Upper Left - Platinum	27	8409-000		4	Screw, Cap
				(inc. 13-14)	28	8428-002		4	Nut, Lock
13	0403-208	X	16	● Bushing					
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

0743-839

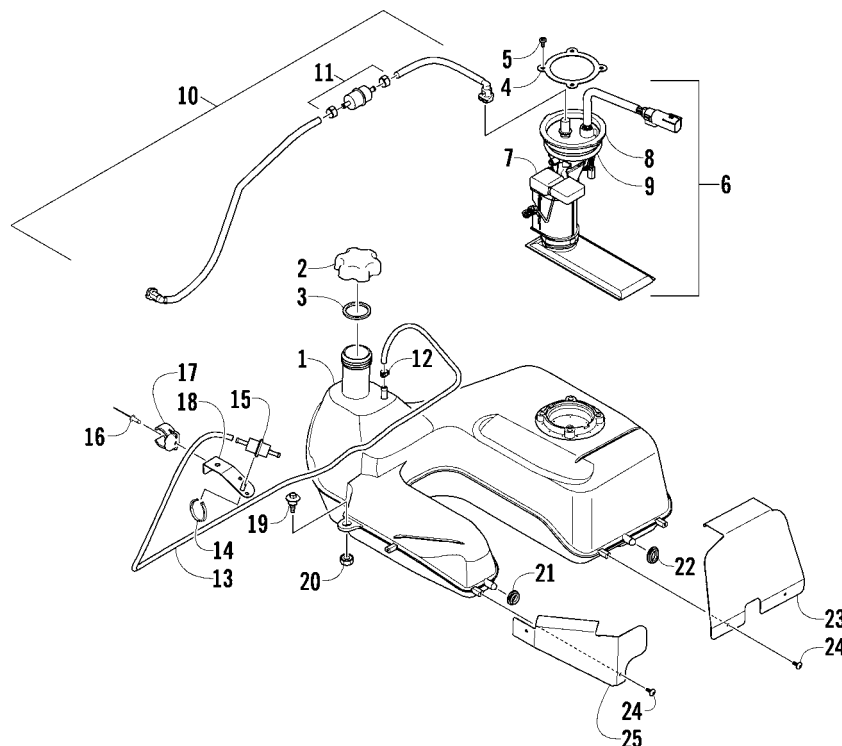
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		12	Screw, Shoulder	8	0423-618		16	Nut, Lug - Chrome
2	1436-164		3	Disc, Brake	9	1402-699		2	Tire - Front
3	1502-437		4	Hub, Wheel (inc. 4)		1402-700		2	Tire - Rear
4	0402-974		16	● Stud	10	0402-064		4	Stem, Valve (inc. 11)
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

0744-596

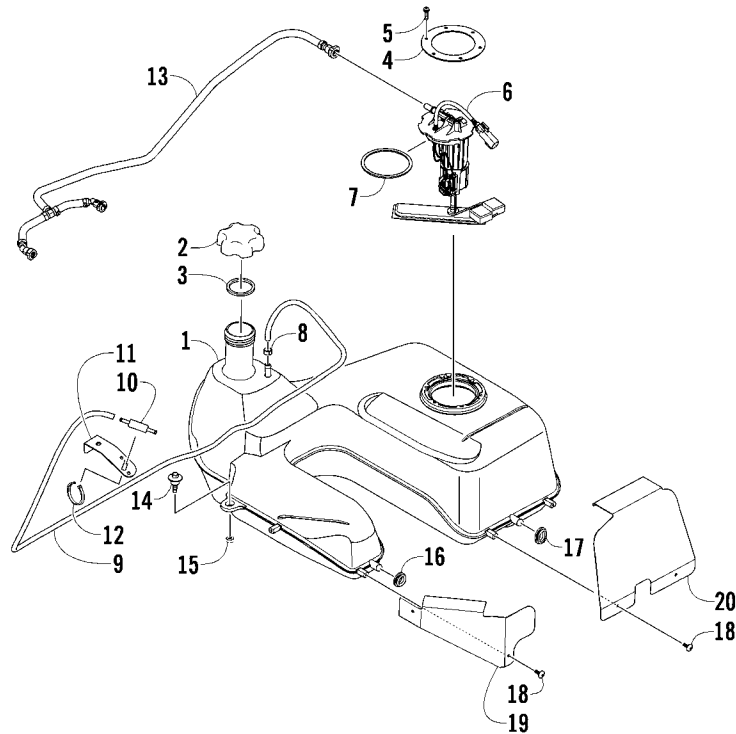
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-015		1	Hose, Brake - Assembly	20	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 18 and 21-23)
2	0623-038		2	Nut w/Washer		1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 18 and 21-23)
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	1502-293		1	Brake Assembly (inc. 9)	25	0502-605		3	● Bracket Assembly
9	1502-155		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	1502-593	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	1502-164		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.



GAS TANK ASSEMBLY (Up to VIN: 4UF10ATV3AT202941)

0744-764

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-159		1	Tank, Gas - Assembly (inc. 2-5)	14	0123-788		AR	Tie, Cable - 8 in.
2	0470-438		1	● Cap, Gas Tank (inc. 3)	15	0510-335		1	Filter, In-Line
3	0109-733		1	●● Gasket, Gas Tank Cap	16	8060-628		1	Rivet
4	0470-606		1	● Plate, Mounting - Fuel Pump	17	1670-826		1	Bracket, Fuel Filter
5	8476-612		4	● Screw, Self-Tapping	18	0470-827		1	Bracket, Filter Mounting
6	0570-271		1	Pump, Fuel - Assembly (inc. 7-9)	19	0423-732		2	Screw, Shoulder
7	0570-252		1	● Sensor, Fuel Level - Kit (inc. 8-9)	20	0623-038		1	Nut w/Washer
8	0470-614		1	●● Seal, Fuel Pump	21	0423-460		1	Grommet
9	0470-613		1	●● Seal, Fuel Pump	22	0423-806		1	Grommet
10	0570-243		1	Hose, Gasline - Assembly (inc. 11)	23	0470-710		1	Shield, Heat - Gas Tank - Rear
11	0570-246		1	● Filter, Fuel - Kit	24	0623-797		4	Screw, Self-Tapping
12	0423-688		1	Clamp, Hose	25	0470-709		1	Shield, Heat - Gas Tank - Front
13	0410-070	AR		Hose, Gasline - 25 ft					

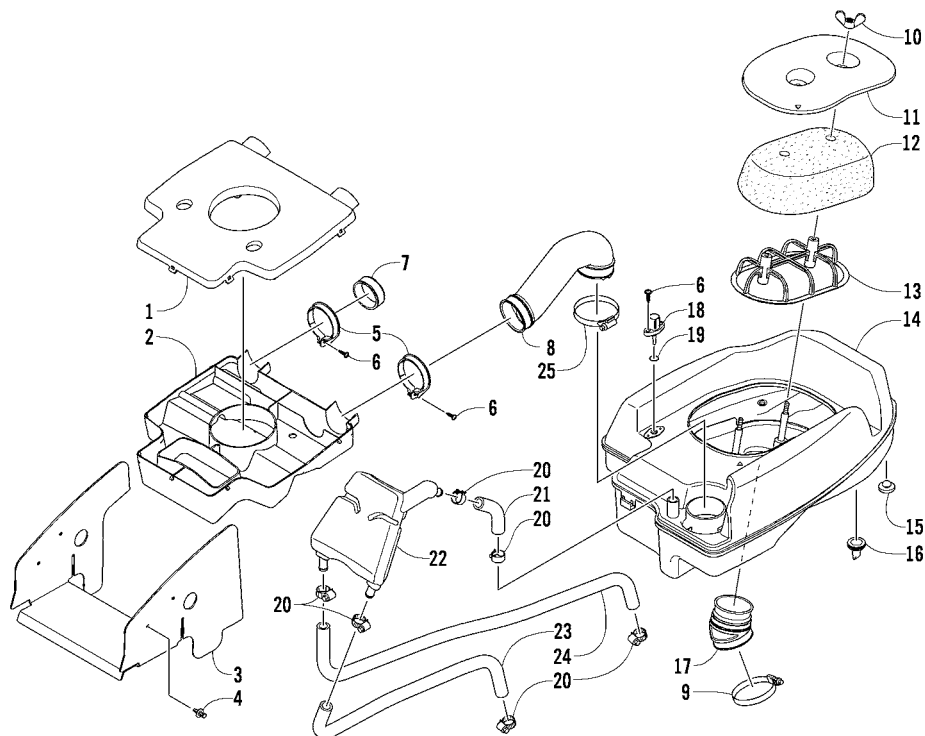


GAS TANK ASSEMBLY (VIN: 4UF10ATV5AT202942 and Up)

0744-448

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

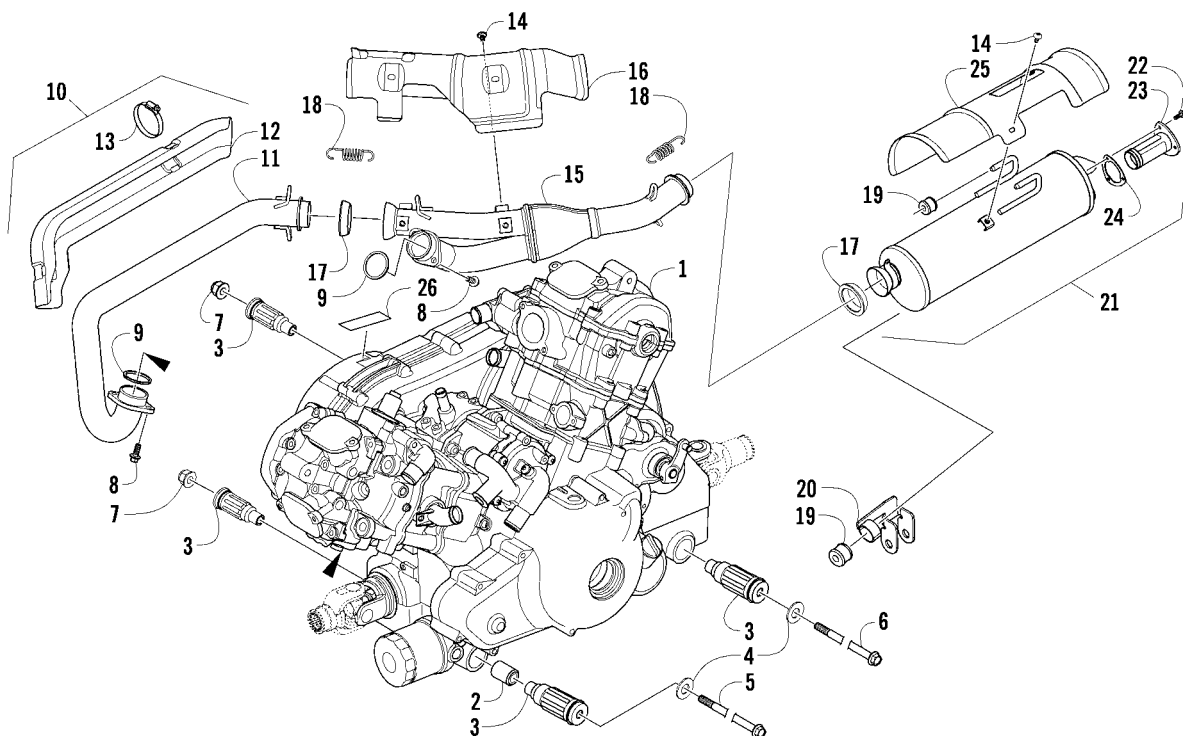
0742-964



AIR INTAKE ASSEMBLY

0744-449

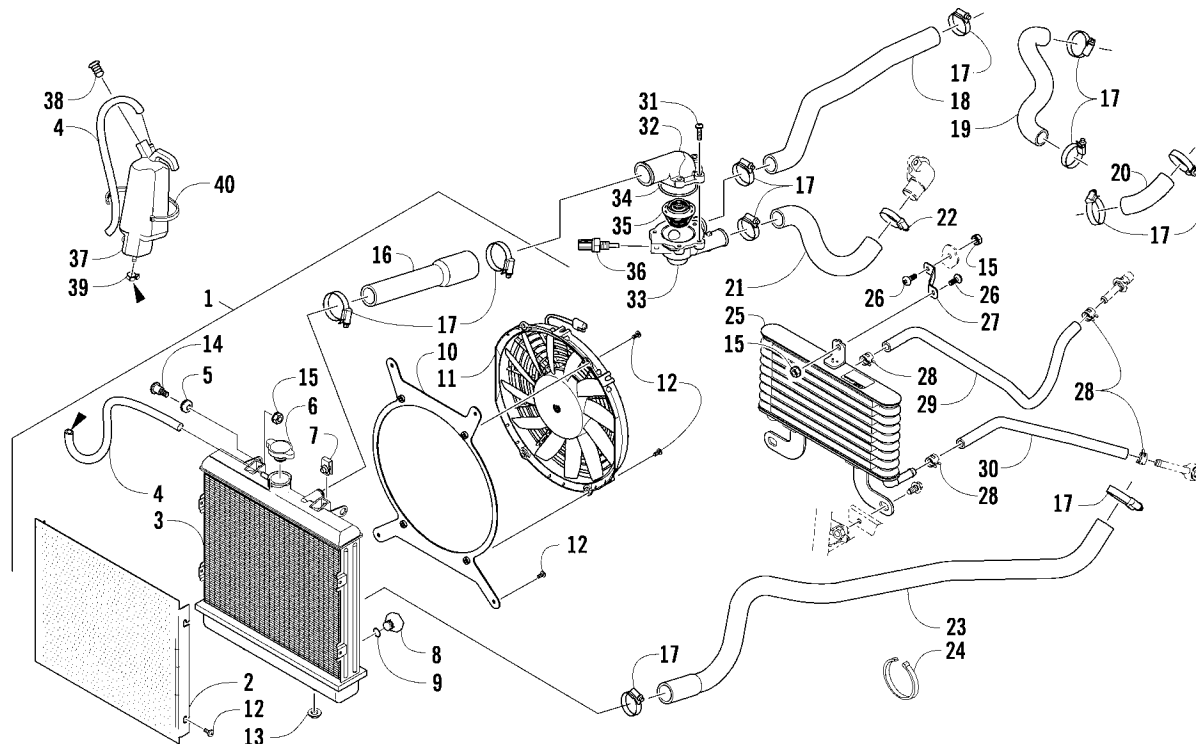
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0413-091		1	Diverter, Air - Top	14	0570-221		1	Housing, Air Intake
2	0413-093		1	Diverter, Air - Bottom	15	0406-877		4	Bumper
3	2406-509		1	Shroud, Splash	16	0470-442		2	Valve, Drain
4	0623-362		2	Rivet, Reinstallable	17	0470-638		1	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		1	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	0410-197	X	1	Hose, Crankcase
12	0470-828		1	Filter, Air	25	0423-066		1	Clamp, Hose
13	0470-731		1	Support, Air Filter					



ENGINE AND EXHAUST

0742-236

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-085	X	1	Engine, A950C (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	0412-215		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	● Arrester, Spark - Assembly
11	0512-349		1	● Pipe, Exhaust	24	0412-313		1	● Gasket, Spark Arrester
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



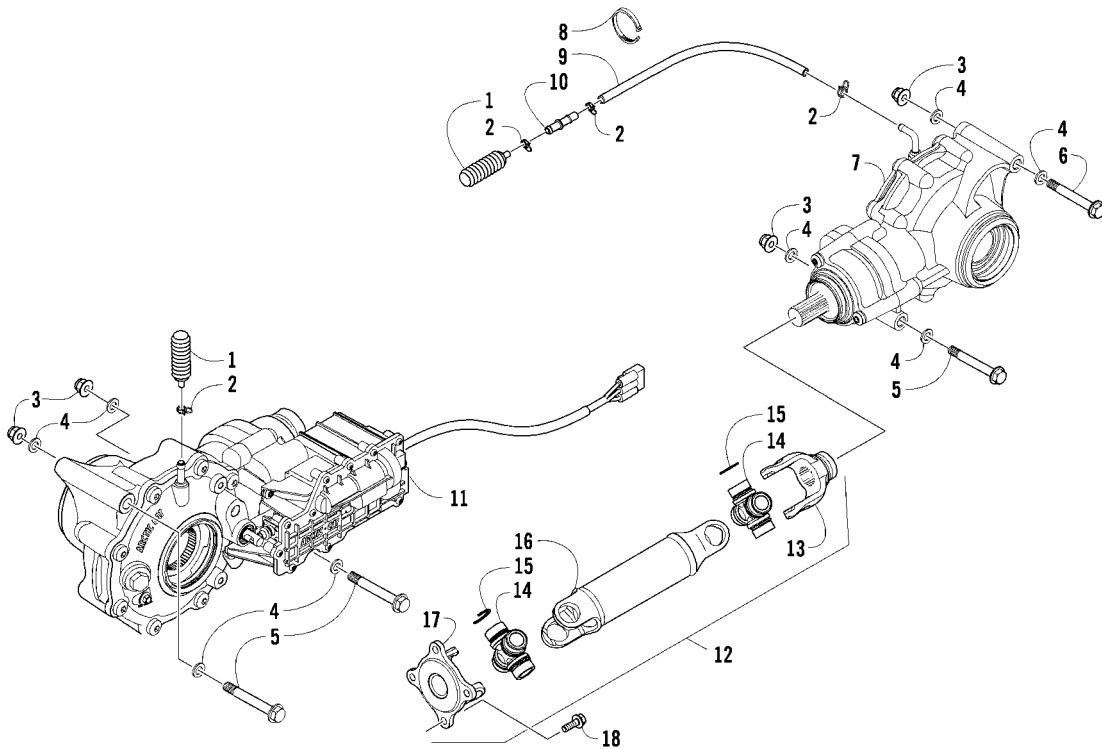
COOLING ASSEMBLY

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 - 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.



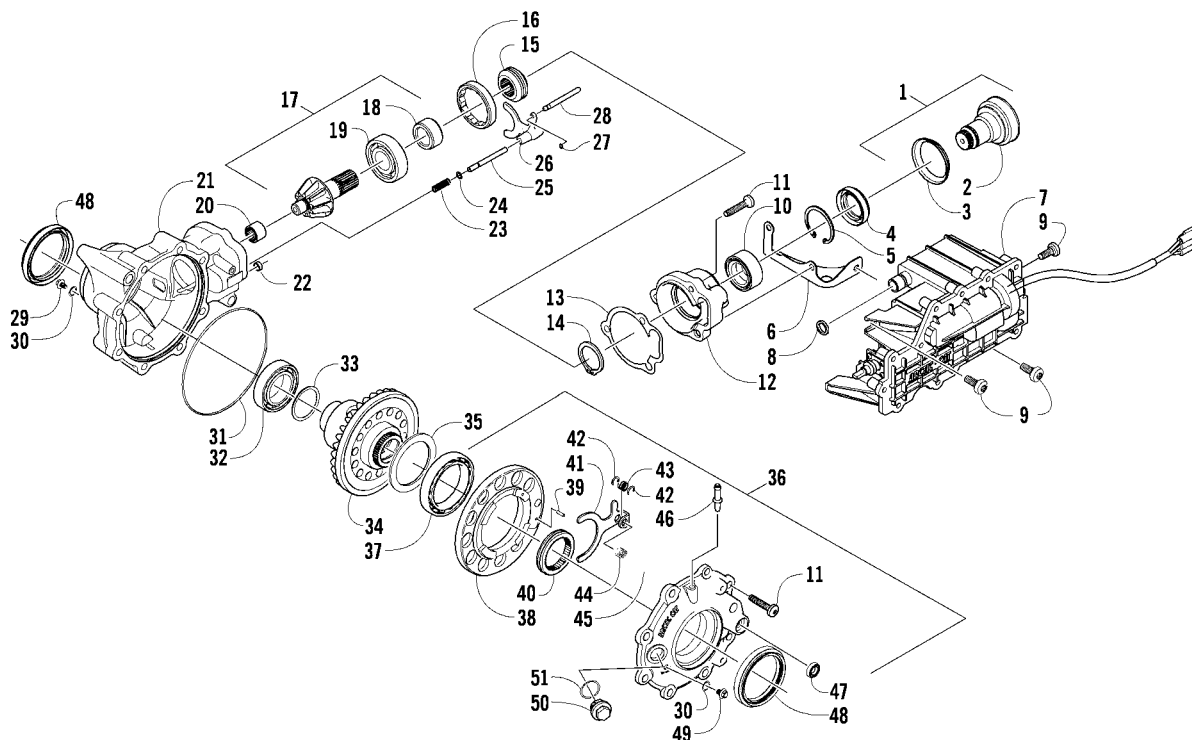
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0413-137	1	Shroud, Air - Air In	6	0423-019	1	Clamp
2	0413-138	1	Duct, Cooling - Air In	7	0413-194	1	Duct, Cooling - Air Out
3	0423-730	3	Clamp	8	0623-797	1	Screw, Self-Tapping
4	0413-139	1	Boot, Cooling - Air In	9	0623-362	2	Rivet, Reinstallable
5	0413-135	1	Boot, Cooling - Air Out				



DRIVE TRAIN ASSEMBLY

0744-087

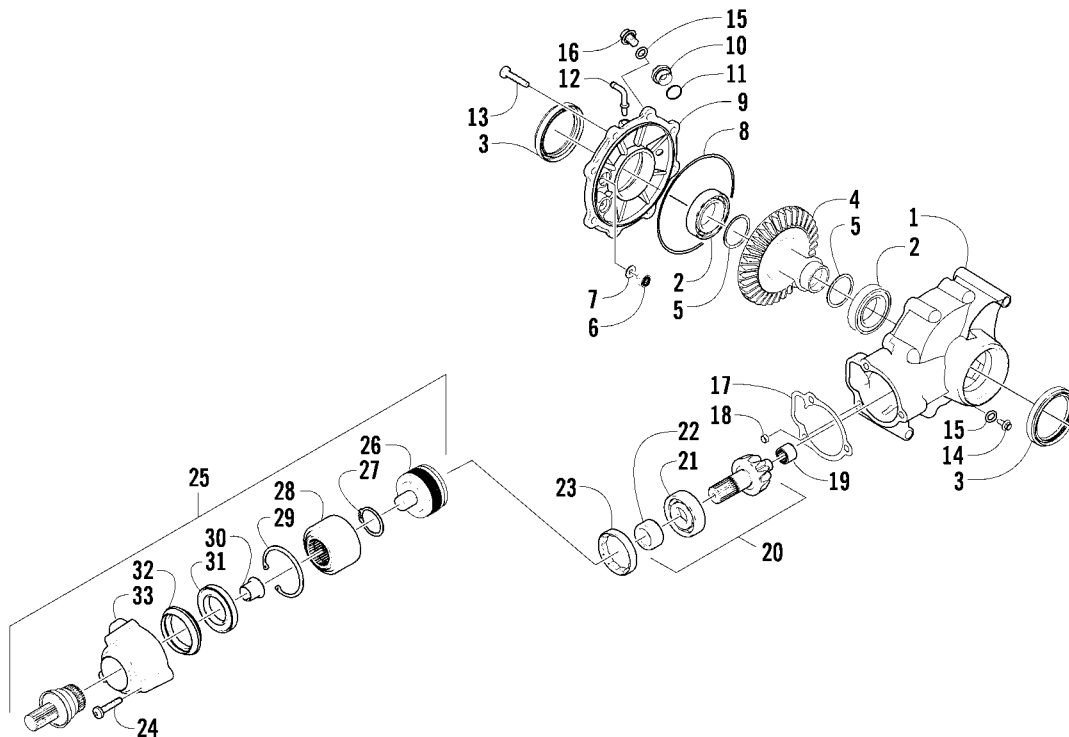
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1402-620		2	Bladder, Gearcase	10	0470-702		1	Fitting, Vent
2	0423-315		4	Clamp, Hose	11	1502-395		1	Gearcase, Front
3	8428-002		4	Nut, Lock	12	1502-098		1	Driveshaft, Rear - Assembly (inc. 13-17)
4	0423-426		8	Washer	13	1402-567		1	● 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	1502-403		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

0743-254

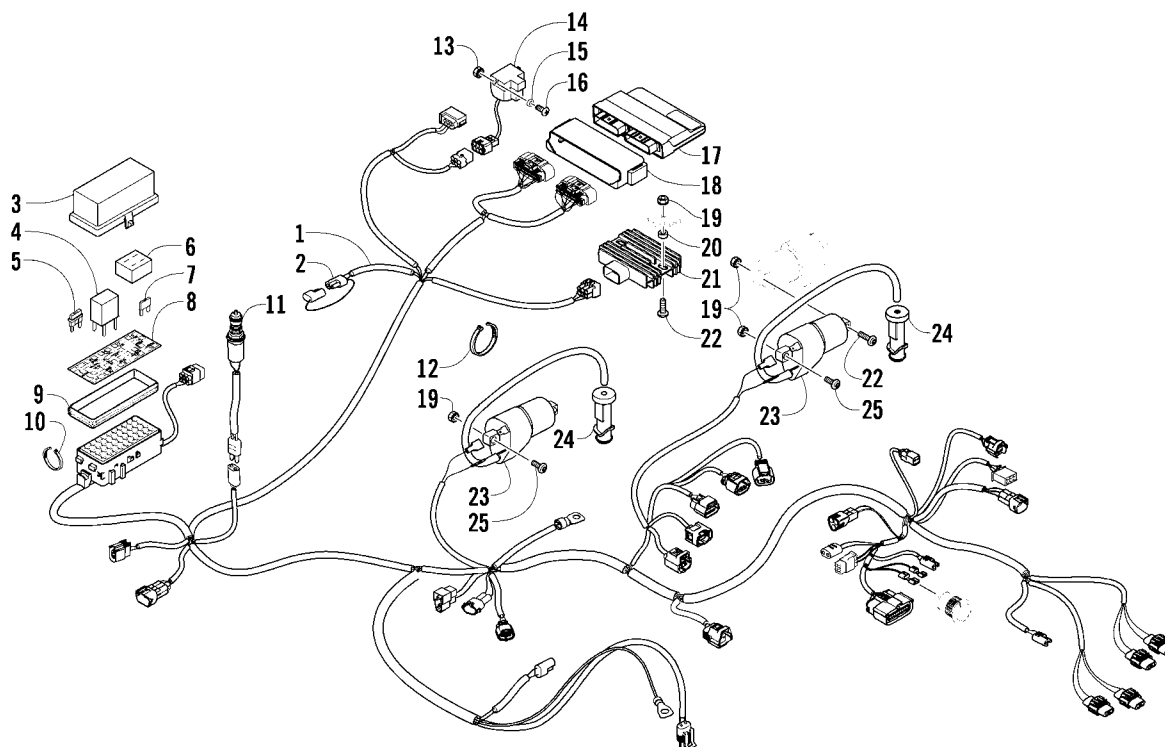
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-395		1	Complete Front Drive Gearcase Assembly	30	0423-153		2	● O-Ring
1	0502-923		1	Shaft, Propeller - Assembly (inc. 2-3)	31	0423-149		1	O-Ring
2	1402-438		1	● Shaft, Input	32	0402-393		1	Bearing
3	1402-168		1	● Deflector	33	0402-405		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

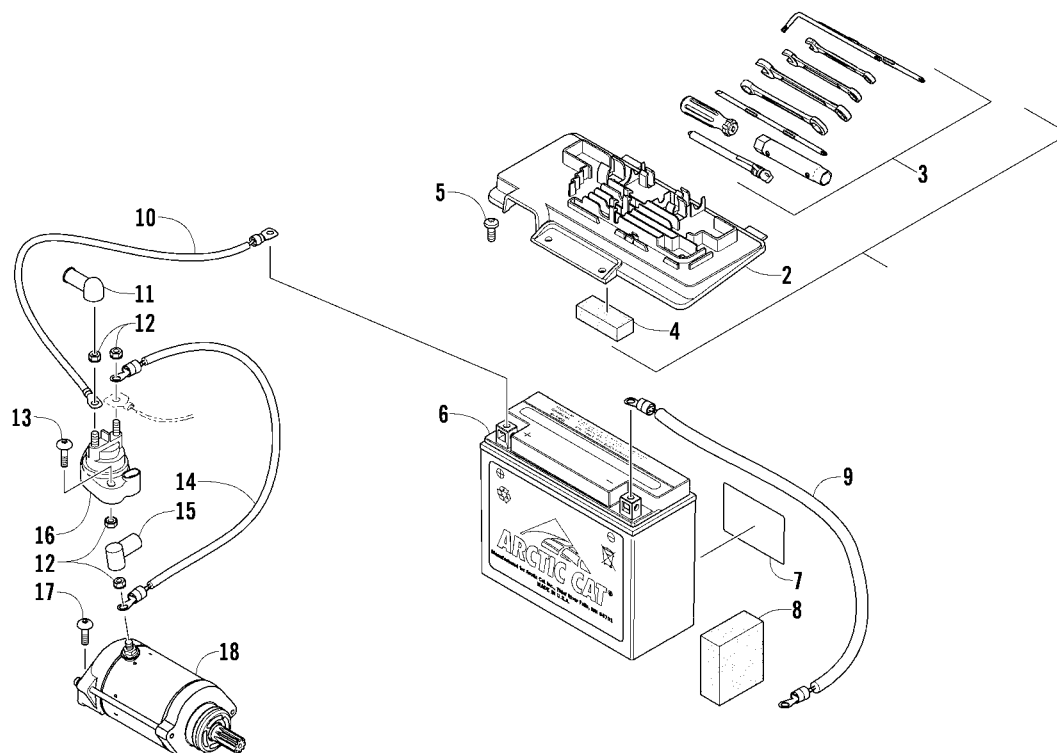
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-403		1	Complete Rear Drive Gearcase Assembly	13	0423-118		8	Screw, Self-Tapping
1	1502-317		1	Housing, Gearcase	14	0402-450		1	Plug, Magnetic (inc. one No. 15)
2	0402-393		2	Bearing	15	0423-153		2	● O-Ring
3	1402-713		2	Seal	16	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

0744-452

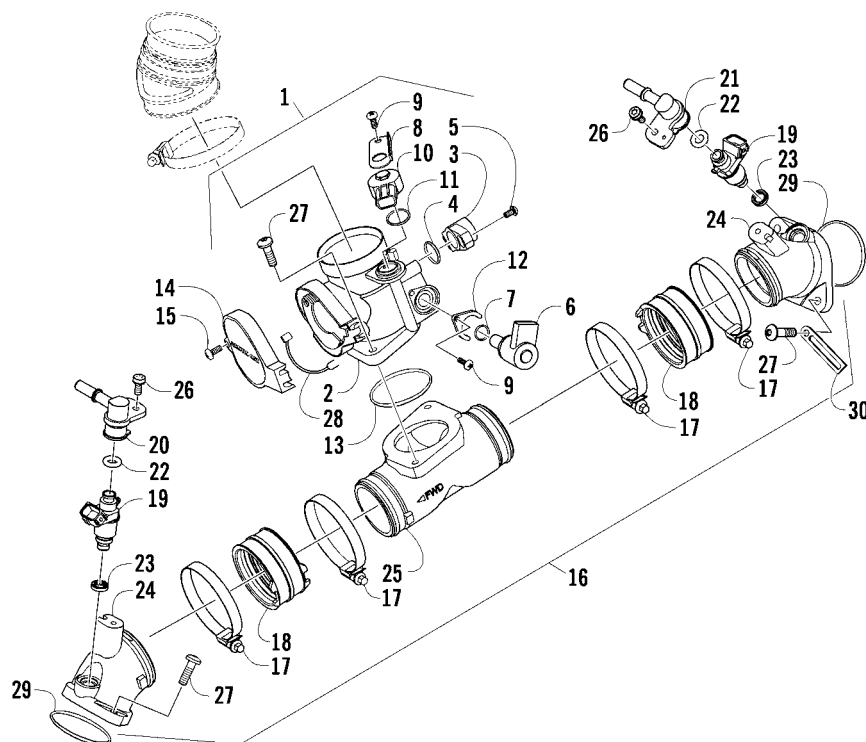
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-336	X	1	Harness, Main (inc. 2-9)	13	0423-493		2	Nut w/Washer
2	0486-164		1	● Tether, Accessory Connector	14	0409-064		1	Switch, Tilt Sensor
3	0430-085	X	1	● Cover, Fuse Block	15	0123-802		2	Washer
4	0430-045		5	● Relay (4-Pin) - 20 Amp	16	8468-425		2	Screw, Machine
5	0430-034		1	● Diode	17	0530-033	X	1	ECU
6	0430-037		1	● Holder, Fuse	18	0430-059		1	Cushion, ECU
7	0430-032		5	● Fuse - 10 Amp	19	0623-038		5	Nut w/Washer
	0430-031		4	● Fuse - 15 Amp	20	0423-036		2	Spacer
	0430-030		2	● Fuse - 30 Amp	21	0824-037		1	Regulator, Voltage
8	2411-080	X	1	● Decal, Fuse Block	22	8476-630		3	Screw, Machine
9	0430-086	X	1	● Seal	23	0824-043		2	Coil, Ignition - Assembly
10	0123-788		AR	Tie, Cable - 8 in.	24	0824-049		2	Cap, Spark Plug
11	0409-089		1	Switch, Brake - Assembly	25	8476-620		2	Screw, Machine
12	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	0417-012		1	Foam, Battery	17	8476-625		2	Screw, Machine
9	0445-071		1	Cable, Battery/Ground	18	0825-015	X	1	Motor, Starter - Assembly



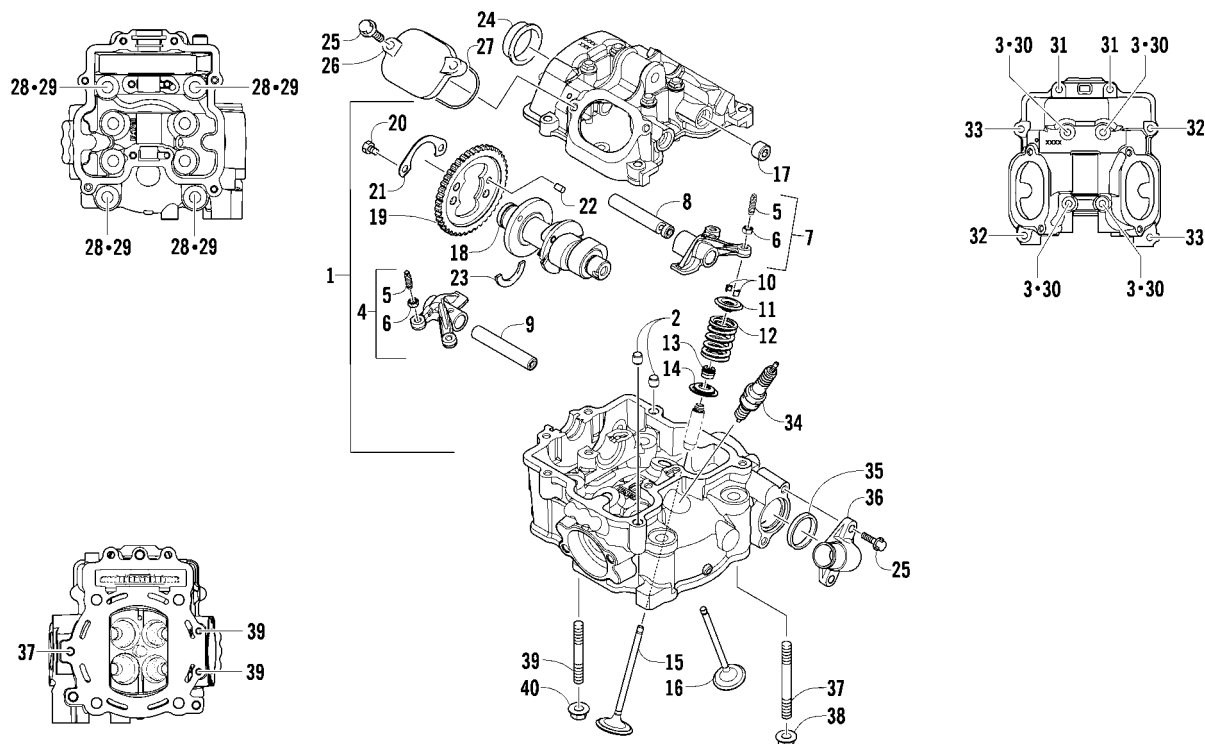
THROTTLE BODY ASSEMBLY

0742-977

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



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



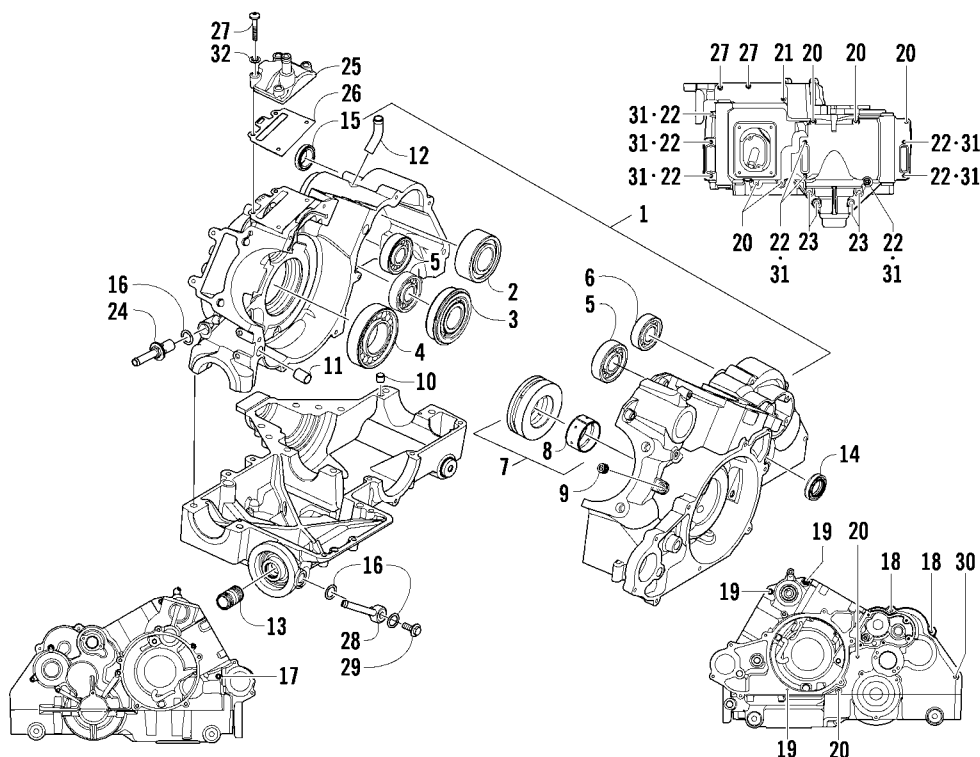
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

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
	0809-248		1	Camshaft, Rear Cylinder	38	8424-804		2	Nut
19	0809-002		2	Sprocket	39	0827-030		4	Bolt, Stud
					40	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				

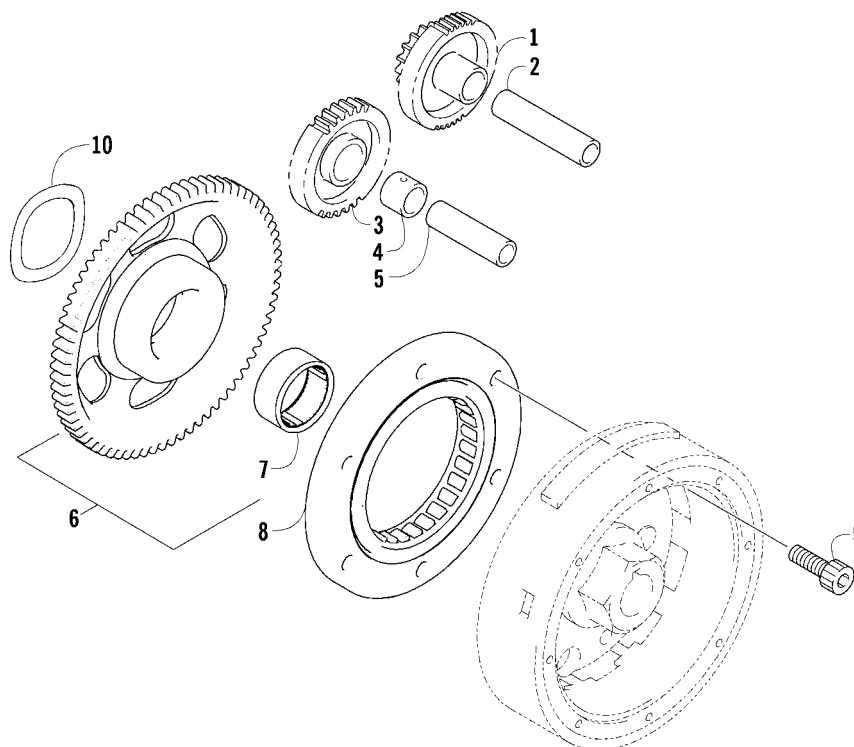


CRANKCASE ASSEMBLY

0743-990

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

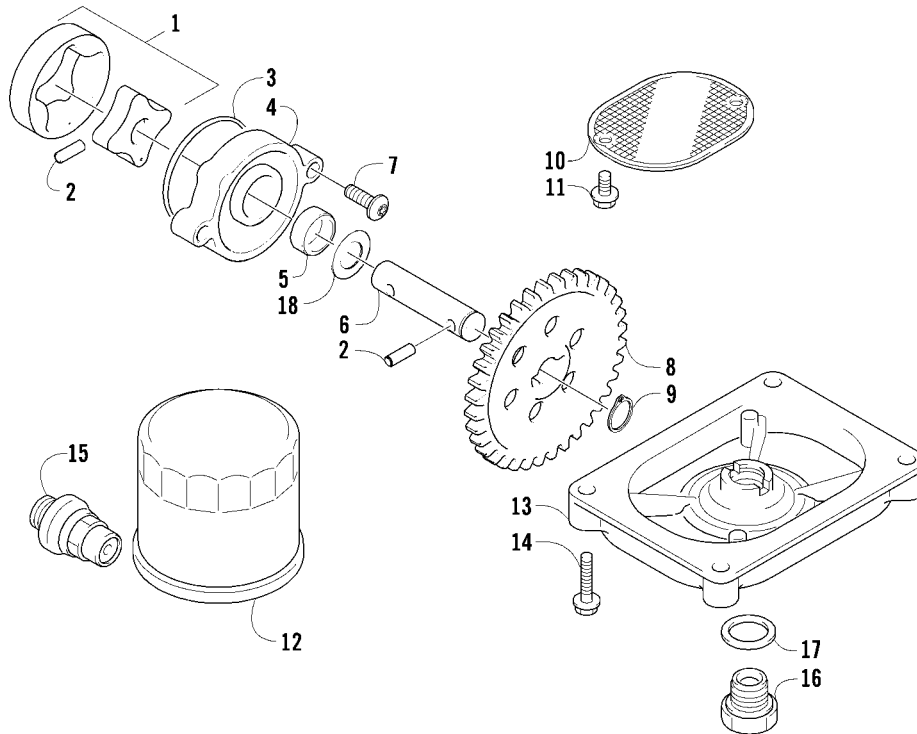
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STARTER CLUTCH ASSEMBLY

0743-009

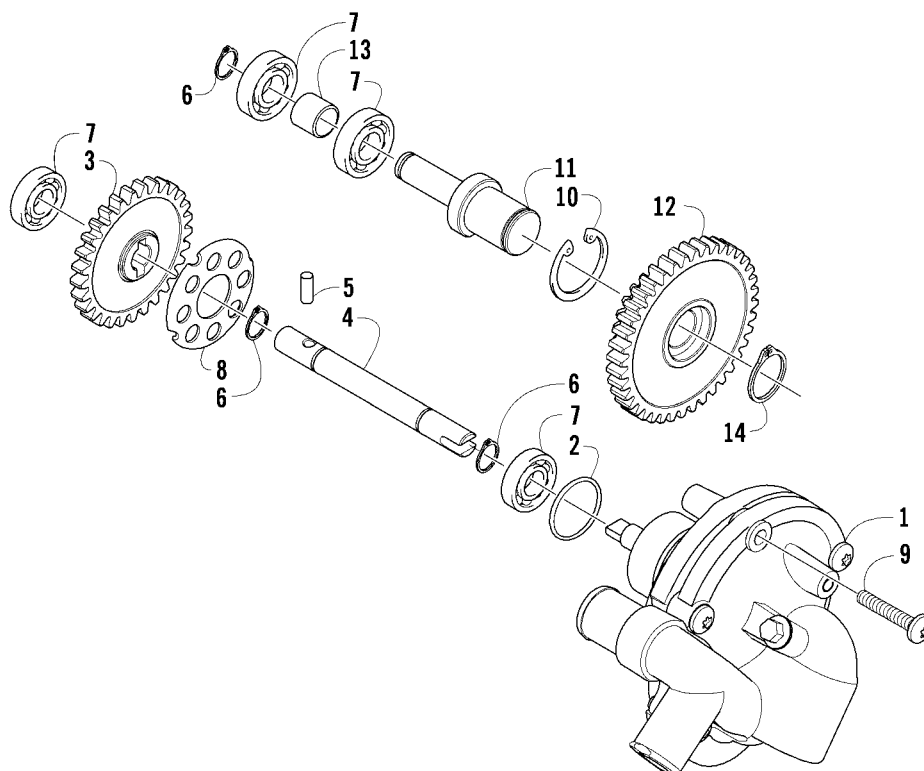
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0815-026	X	1	Gear, Starter Idler - No. 1	6	0815-004		1	Gear, Starter Clutch (inc. 7)
2	0829-031		1	Shaft, Starter Gear	7	0832-079		1	● Bearing
3	0815-002		1	Gear, Starter Idler - No. 2	8	0802-035		1	Clutch, Starter
4	0815-003		1	Spacer,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



OIL FILTER/PUMP ASSEMBLY

0742-986

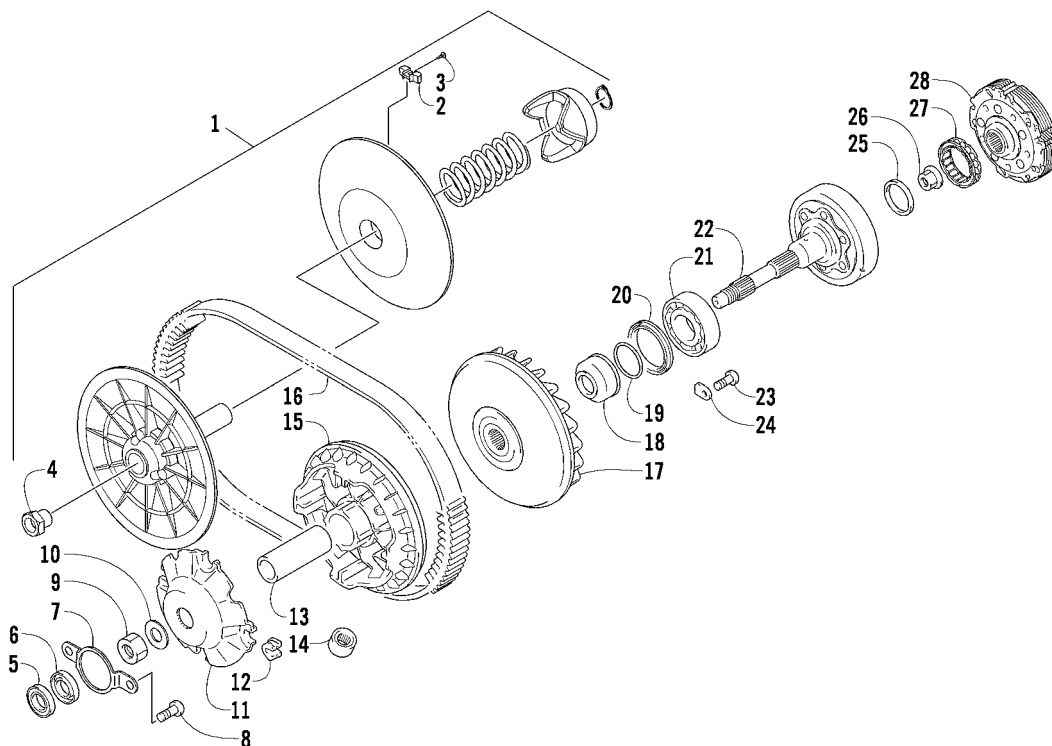
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0812-041		1	Gerotor - Set	10	0812-057		1	Strainer, Oil
2	0829-009		2	Pin, Dowel	11	0826-040		2	Screw, Machine
3	0812-048		1	O-Ring	12	0812-029		1	Filter, Oil
4	0812-040		1	Housing, Oil Pump	13	0812-053		1	Cap, Oil Strainer
5	0812-047		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

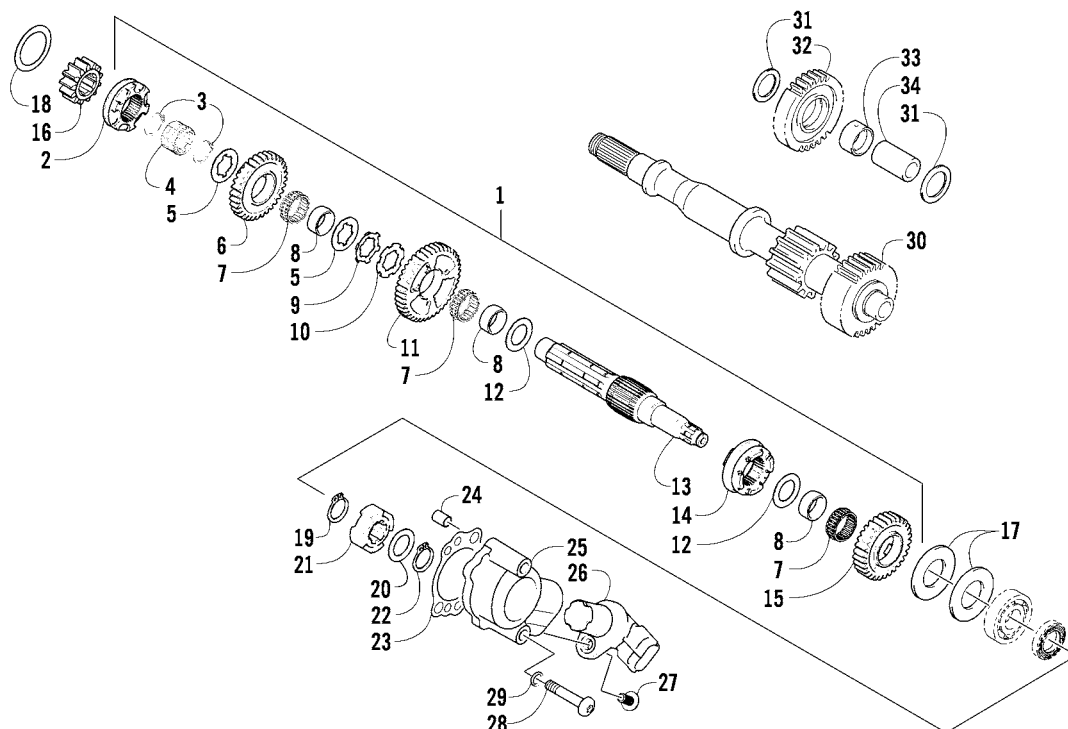
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-056	X	1	Pump, Water - Assembly (inc. 2)	8	0801-089		1	Disc, Breather
2	0830-029		1	● O-Ring	9	8468-650		2	Screw, Machine
3	0813-029		1	Gear, Driven	10	0831-004		1	Ring, Retaining
4	0813-030		1	Shaft, Driven Gear	11	0813-026		1	Shaft, 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

0742-982

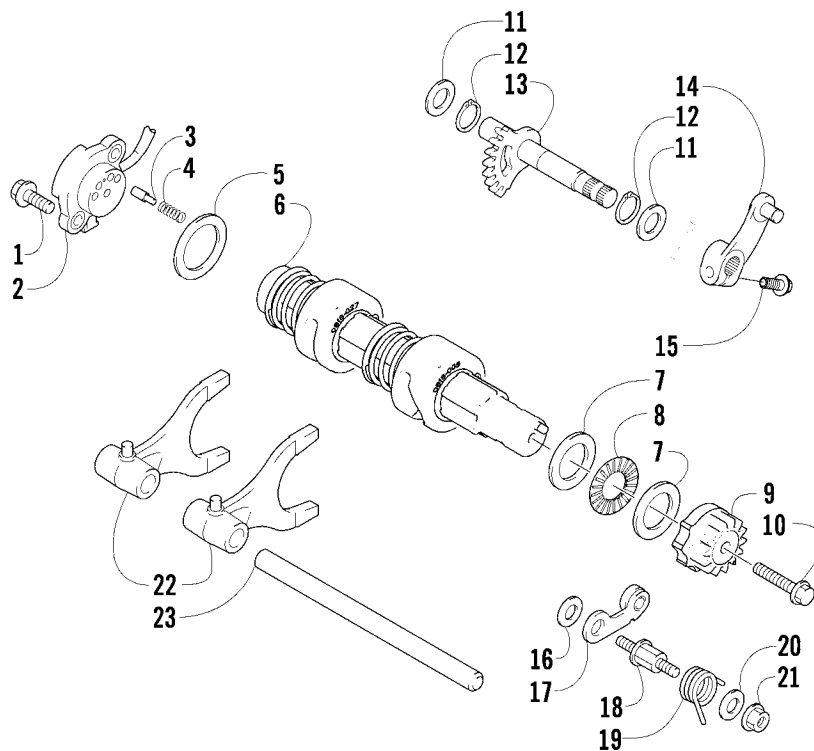
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0823-157		1	Pulley, Driven - Assembly (inc. 2-4)	15	0823-159		1	Face, Movable Drive
2	0823-176		3	● Shoe, Cam	16	0823-231		1	Belt, Drive
3	0823-177		3	● Screw, Machine	17	0823-156		1	Face, Fixed Drive
4	0823-178		1	● Nut, Driven Pulley	18	0823-015		1	Spacer, Fixed Drive Face
5	0832-010		1	Bearing	19	0470-531		1	O-Ring
6	0830-176		1	Seal	20	0830-188		1	Seal, Clutch Housing - Right
7	0823-020		1	Retainer, Bearing	21	0832-047		1	Bearing
8	0826-031		2	Screw, Machine	22	0823-261		1	Housing, Clutch
9	0827-010		1	Nut	23	0826-029		2	Screw, Machine
10	0828-106		1	Washer	24	0822-010		2	Retainer, Bearing
11	0823-008		1	Plate, Movable Drive Face	25	0830-189		1	Seal, Clutch Housing - Left
12	0823-010		4	Damper, Movable Drive Face	26	0827-011		1	Nut
13	0823-265		1	Spacer, Movable Drive Face	27	0823-018		1	Clutch, One-Way
14	0823-170		8	Roller, Movable Drive Face	28	0823-098		1	Clutch, Centrifugal - 6 Plate



SECONDARY TRANSMISSION ASSEMBLY

0743-914

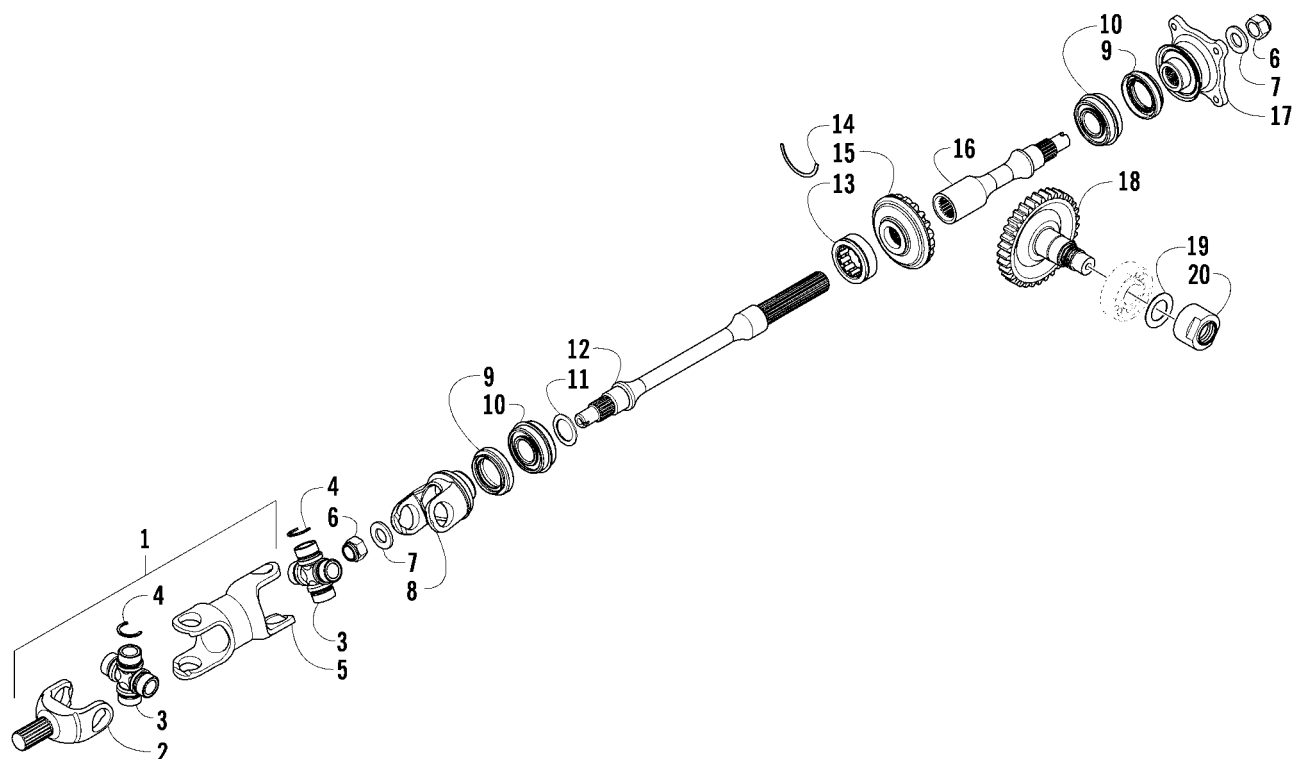
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-091		1	Countershaft Assembly (inc. 2-15)	18	0828-019		1	Washer, Thrust
2	0822-014		1	● Gear Select, Reverse	19	0831-040		1	Ring, Retaining
3	0831-011		2	● Ring, Retaining	20	0828-069		1	Washer, Thrust
4	0822-045		1	● Spacer, Reverse 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	0824-042		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	Gasket
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

0742-985

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8470-520		2	Screw, Machine	13	0818-007		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		2	Washer	23	0818-006		1	Shaft, Shift Fork
12	0831-010		2	Ring, Retaining					

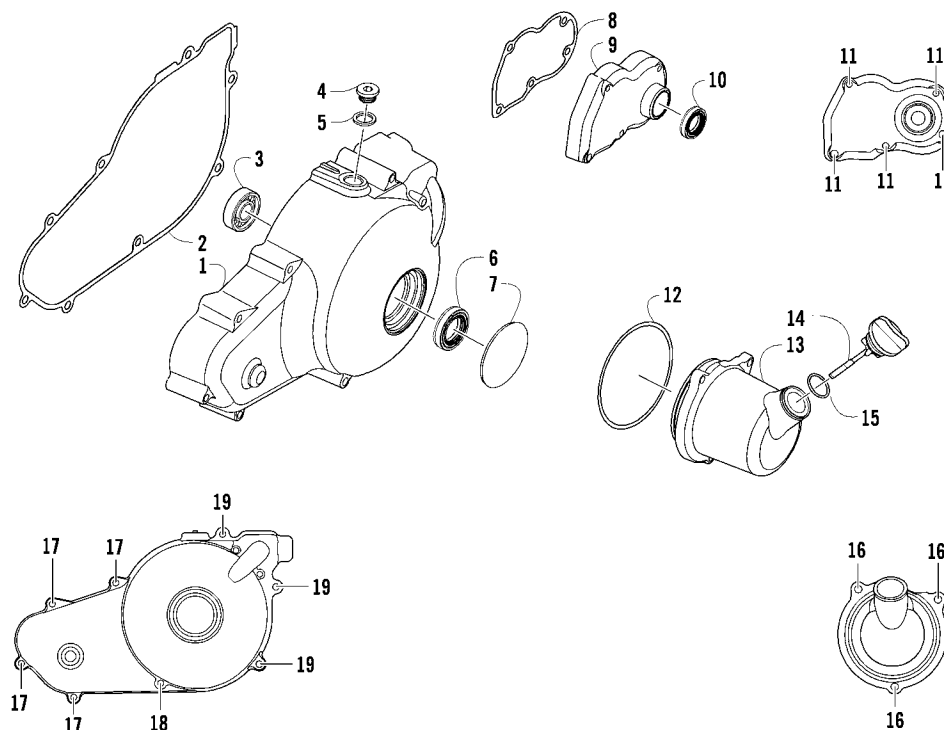


SECONDARY DRIVE ASSEMBLY

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	X	1	Shaft, Secondary Driven - Front
2	1402-701		1	● Yoke, Slip	13	0832-016		1	Bearing, Driven Gear
3	0402-944		2	● Joint, Universal - Set (inc. 4)	14	0819-011		1	Ring, Driven Bearing
4	0423-395		8	●● Ring, Retaining	15	0822-106		1	Gear, Secondary Driven
5	1502-341		1	● Driveshaft, Front	16	0819-053		1	Shaft, Secondary Driven - Rear
6	0827-013		2	Nut	17	0819-005		1	Flange, Output Joint - Rear
7	0828-020		2	Washer	18	0822-108		1	Gear, Secondary Drive
8	1502-325		1	Yoke, Propeller Shaft Joint	19	0828-119		AR	Shim, 30 x 48 x 0.25 mm
9	0830-043		2	Seal, Oil		0828-120		AR	Shim, 30 x 48 x 0.30 mm
10	0832-017		2	Bearing		0828-121		AR	Shim, 30 x 48 x 0.35 mm
11	0828-021		AR	Shim, 25 x 34 x 0.25 mm		0828-122		AR	Shim, 30 x 48 x 0.90 mm
	0828-022		AR	Shim, 25 x 34 x 0.30 mm		0828-123		AR	Shim, 30 x 48 x 0.95 mm
	0828-023		AR	Shim, 25 x 34 x 0.70 mm		0828-124		AR	Shim, 30 x 48 x 1.00 mm
	0828-024		AR	Shim, 25 x 34 x 0.90 mm		0828-125		AR	Shim, 30 x 48 x 1.05 mm
	0828-025		AR	Shim, 25 x 34 x 0.95 mm		0828-126		AR	Shim, 30 x 48 x 1.10 mm
	0828-026		AR	Shim, 25 x 34 x 1.00 mm		0828-127		AR	Shim, 30 x 48 x 1.15 mm
	0828-027		AR	Shim, 25 x 34 x 1.05 mm	20	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					

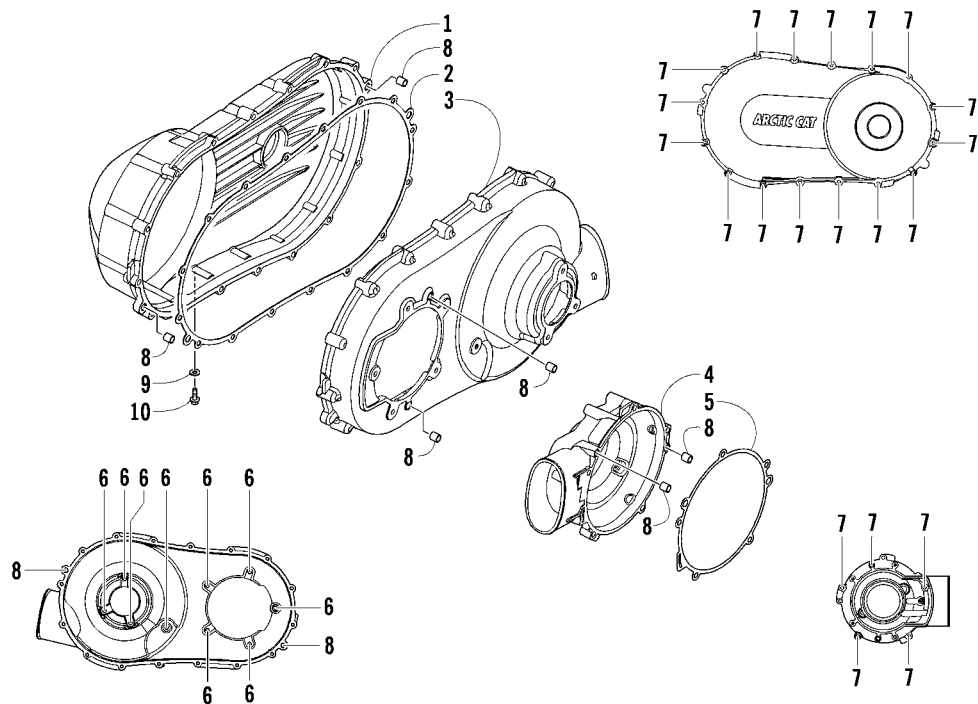
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MAGNETO SIDE ENGINE COVERS

0742-239

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



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

