



1000 H2 TRV PS EFT *T3*



(Sample)

2011

Illustrated Parts Manual

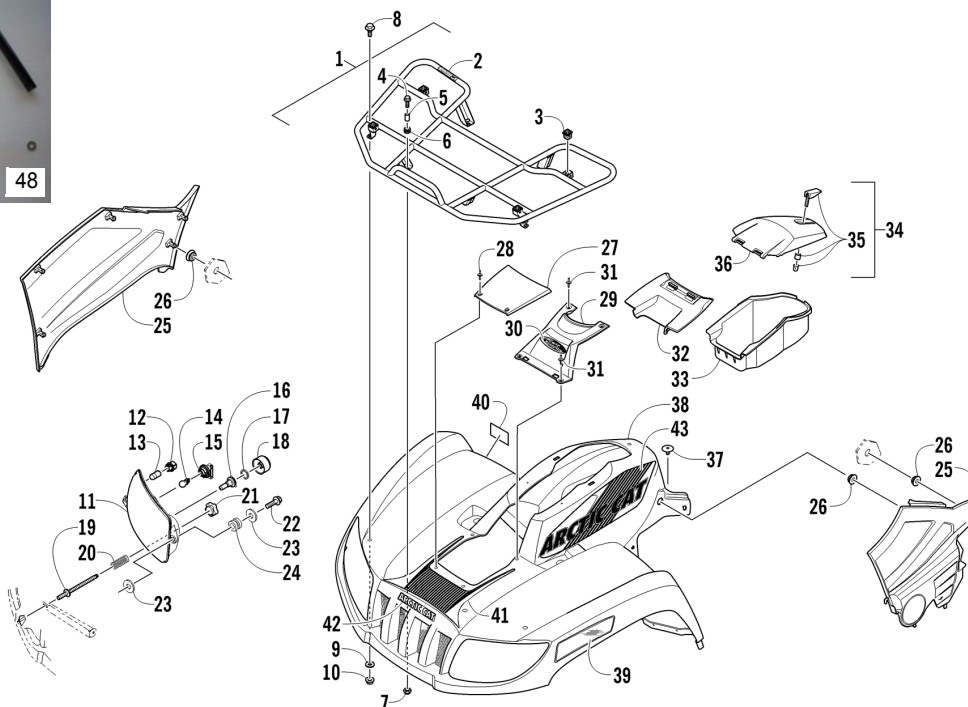
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2011 ATV 1000 H2 TRV PS EFT T3

Blue (Model No. A2011TBWT1PETD)

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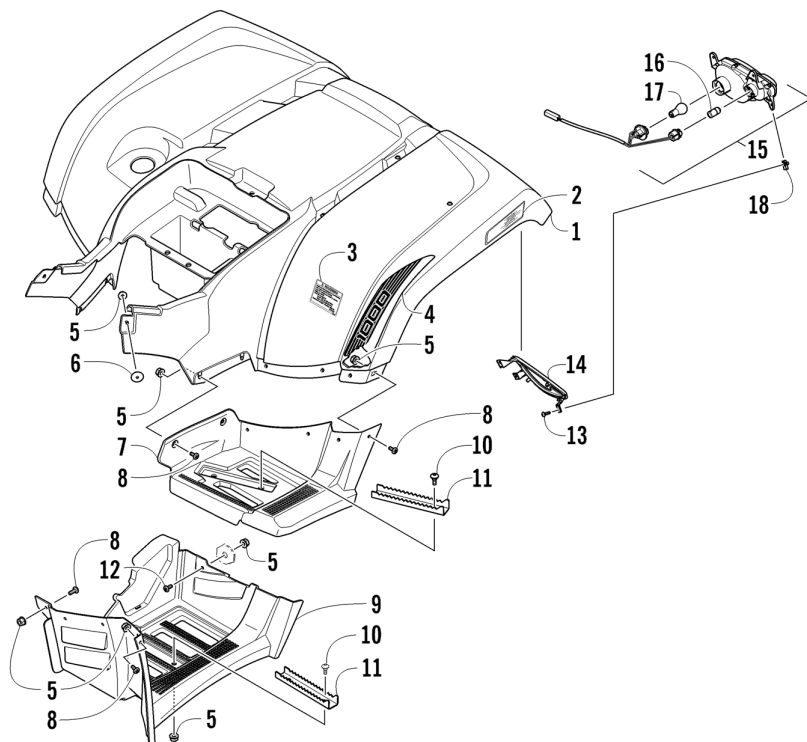
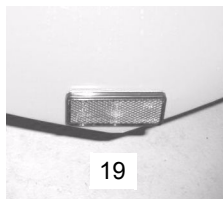
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0745-707

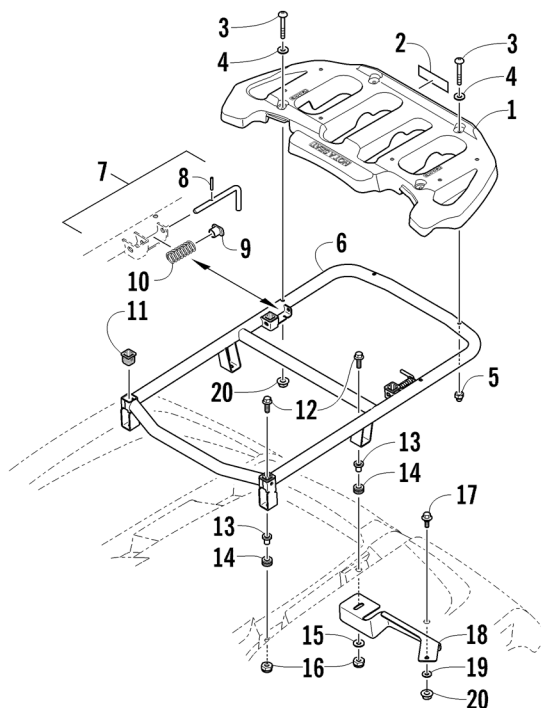
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-106		1	Rack, Front - Assembly (inc. 2-3)	26	0423-678		8	Grommet
2	0411-576		1	● Decal, Warning - Load	27	1406-358		1	Cover, Access
3	0441-592		4	● Bushing	28	0423-535		2	Rivet, Reinstallable
4	8410-830		4	Screw, Cap	29	1406-484		1	Cover, Steering Post
5	0423-669		4	Spacer	30	2411-330	X	1	Decal, "Power Steering"
6	0423-465		4	Grommet	31	0623-362		4	Rivet, Reinstallable
7	8432-802		4	Nut, Lock	32	0470-513		1	Cover, Storage Box
8	0423-654		2	Screw, Shoulder	33	1406-573		1	Box, Storage
9	8050-222		2	Washer	34	2506-234		1	Lid, Storage Box w/Latch (inc. 35-36)
10	0423-540		2	Nut, Lock	35	1406-599		1	● Latch, Storage Box
11	0509-036		1	Headlight Assembly - Right (inc. 12-18)	36	0470-514		1	● Lid, Storage Box
	0509-037		1	Headlight Assembly - Left (inc. 12-18)	37	0423-101		2	Screw, Shoulder
12	0409-102		2	● Socket, Position Bulb	38	2516-983	X	1	Panel, Fender - Blue
13	0409-101		2	● Bulb, Position	39	0411-818		1	Decal, Reflector - Right - Amber
14	0409-099		2	● Bulb, Turn Signal		0411-819		1	Decal, Reflector - Left - Amber
15	0409-100		2	● Socket, Turn Signal Bulb		1411-906		1	Decal, Warning - Throttle
16	0409-096		2	● Bulb, Headlight	40	2411-388	X	1	Decal, Crest
17	0409-097		2	● Retainer, Spring	42	2411-260	X	1	Decal, "Arctic Cat"
18	0409-098		2	● Boot, Rubber	43	2411-284	X	1	Decal, Side - Upper Right
19	0423-514		2	Stud, Adjuster - Headlight		2411-285	X	1	Decal, Side - Upper Left
20	0423-522		2	Spring, Adjuster	44	AC008-755		1	Mirror T3
21	0423-513		2	Knob, Adjuster	45	AC008-756		1	Bracket Mirror T3
22	0623-785		4	Screw, Self-Tapping	46	AC008-439		2	Screw M6x20
23	8050-217		8	Washer	47	AC008-058		2	Pipe Clamp 20/15
24	0423-447		4	Grommet	48	AC008-249		2	Washer 6
25	2406-802		1	Panel, Side - Lower - Right					
	2406-803		1	Panel, Side - Lower - Left					



REAR BODY PANEL AND FOOTWELL ASSEMBLIES

0745-708

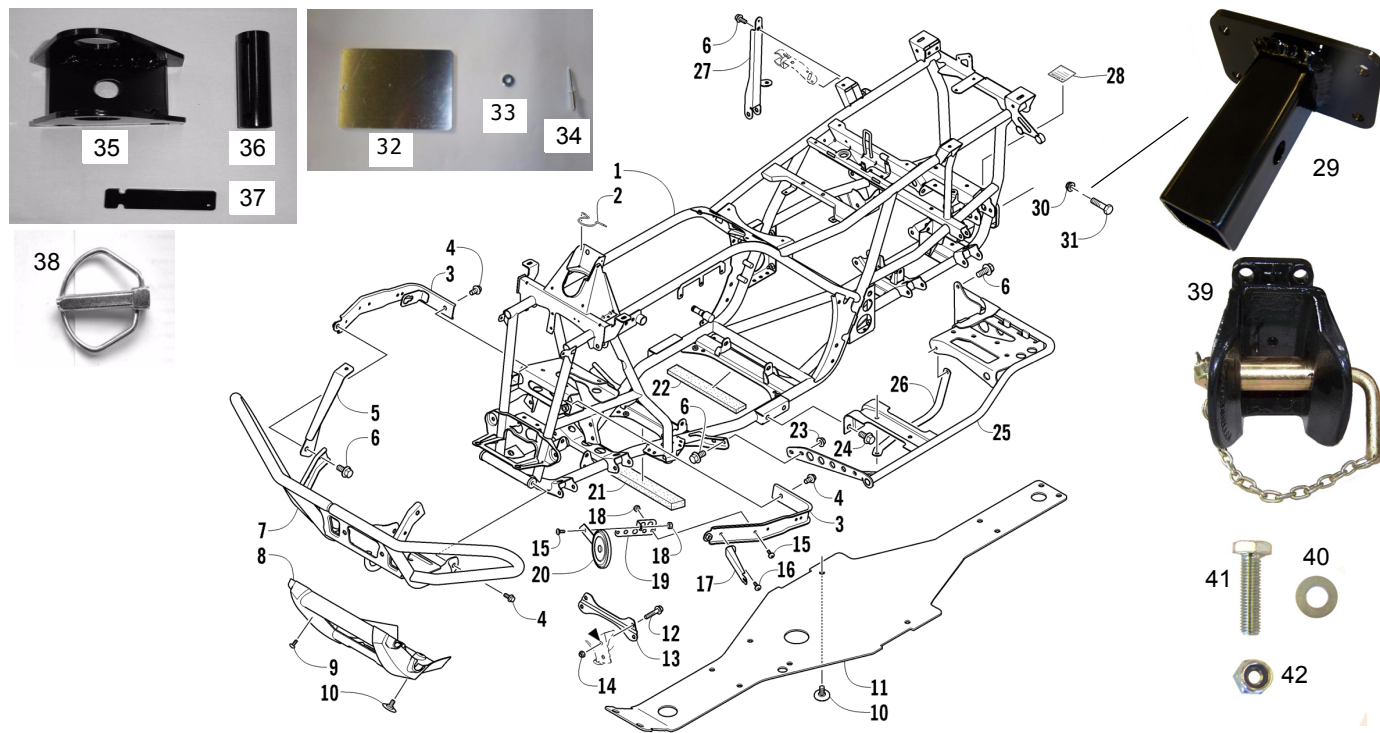
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-012	X	1	Fender, Rear - Assembly - Blue	10	0423-355		8	Screw, Shoulder
2	1411-592		1	Decal, Reflector - Right - Red	11	1506-125		4	Footpeg
	1411-593		1	Decal, Reflector - Left - Red	12	8477-620		2	Screw, Machine
3	2411-176		1	Decal, Warning - Tire Pressure	13	8476-516		6	Screw, Machine
4	2411-390	X	1	Decal, 1000 - Right	14	0409-112		1	Bezel, Taillight - Right
	2411-391	X	1	Decal, 1000 - Left		0409-113		1	Bezel, Taillight - Left
5	0423-540		34	Nut, Lock	15	3313-392		1	Taillight Assembly - Right (inc. 16-17)
6	0423-101		2	Screw, Shoulder		3313-393		1	Taillight Assembly - Left (inc. 16-17)
7	2406-042		1	Footwell, Rear - Right	16	3313-506		2	● Bulb, Turn Signal
	2406-043		1	Footwell, Rear - Left	17	3303-849		2	● Bulb, Taillight
8	0423-419		22	Screw, Machine	18	3304-061		6	Clip, U-Nut
9	2506-856		1	Footwell - Right	19	AC008-139		2	Reflector
	2506-857		1	Footwell - Left					



REAR RACK ASSEMBLY

0745-507

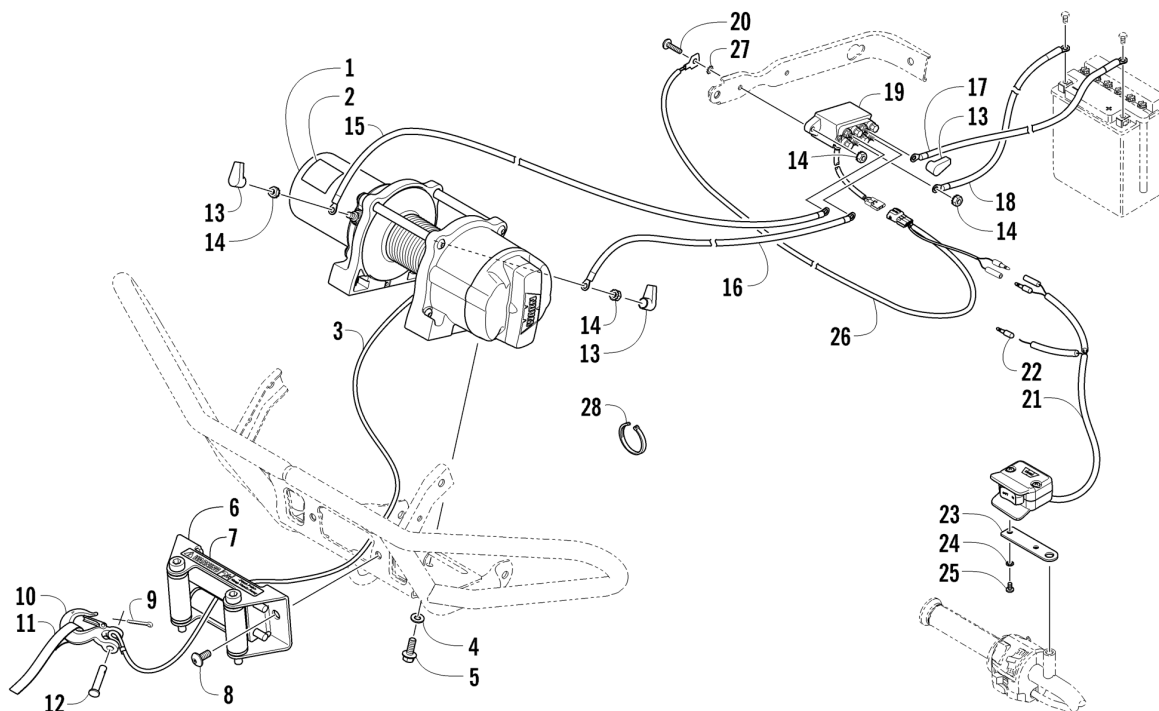
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	2516-339	1	Rack, Rear (inc. 2)	12	8410-835	4	Screw, Cap
2	1411-201	1	● Decal, Warning - Load	13	0423-669	4	Spacer
3	8410-640	4	Screw, Cap	14	0423-465	4	Grommet
4	8050-223	4	Washer	15	0423-087	2	Washer
5	0423-891	2	Nut, Cap	16	8432-802	4	Nut, Lock
6	2516-169	1	Base, MRP - Assembly (inc. 7-11)	17	0423-654	2	Screw, Shoulder
7	0541-504	2	● Pin - Assembly (inc. 8-10)	18	2506-092	1	Bracket, Rear Fender - Right
8	0423-635	2	●● Pin, Roll		2506-093	1	Bracket, Rear Fender - Left
9	0423-677	2	●● Bushing, Flanged	19	8050-222	2	Washer
10	0423-636	2	●● Spring	20	0423-540	4	Nut, Lock
11	0441-592	4	● Bushing				



FRAME AND RELATED PARTS

0745-709

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-404	X	1	Frame, Main	23	8424-802		4	Nut
2	2416-401		1	Clip, Routing	24	8409-016		4	Screw, Cap
3	2506-813		1	Channel, Mounting - Bumper - Right	25	2506-776		1	Footrest - Right
	2506-285		1	Channel, Mounting - Bumper - Left		1506-849		1	Footrest - Left
4	8409-020		4	Screw, Cap	26	2406-788		1	Strap, Footrest - Right
5	1506-562		1	Bracket, Mounting - Bumper - Right		2406-789		1	Strap, Footrest - Left
	1506-563		1	Bracket, Mounting - Bumper - Left	27	2506-447		1	Bracket, Support
6	8408-816		11	Screw, Cap	28	1411-077		1	Decal, Warning - Towing
7	1506-855		1	Bumper, Front	29	AC008-067		1	Slide-In Bracket Towing Device, Rear (T3)
8	1406-360		1	Fascia, Bumper - Front					
9	0423-419		2	Screw, Machine	30	AC008-293		1	Nut, Lock M16
10	0423-101		12	Screw, Shoulder	31	AC008-291		1	Screw, M16x80
11	2406-718		1	Panel, Belly		AC008-292		2	Washer 16 (not shown)
12	8409-025		2	Screw, Cap	32	AC008-288		1	Type Plate
13	2516-852		1	Brace, A-Arm	33	AC008-290		6	Washer 6
14	0423-744		2	Nut, Lock	34	AC008-289		2	Rivet Blind 5x18
15	8477-616		2	Screw, Machine	35	AC008-065		1	Towing Device, Front T3
16	8477-620		1	Screw, Machine	36	AC008-110		1	Bolt Towing Device
17	2416-162		1	Bracket, Support - Right	37	AC008-111		1	Bracket Towing Device
	2416-163		1	Bracket, Support - Left	38	AC008-294		2	Safety Pin, 9mm
18	0623-038		3	Nut w/Washer	39	AC008-066		1	Towing Device, Rear T3
19	2406-321		1	Bracket, Mounting - Horn	40	AC008-240		8	Washer M10x20x2
20	0430-053		1	Horn, Electric - 12V	41	AC008-241		4	Screw M10x40, Mounting Towing Device, Rear T3
21	2506-701		1	Pad, Foam					
22	0406-289		1	Pad, Foam	42	AC008-242		4	Stop Nut M10

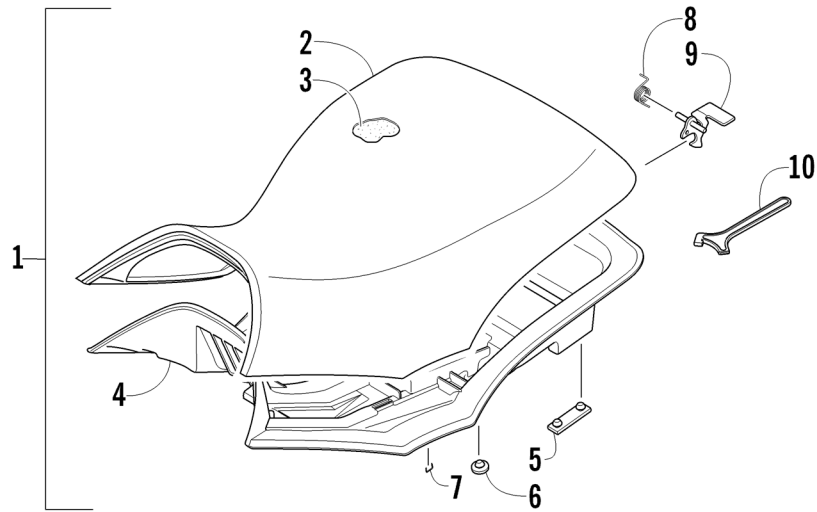


WINCH ASSEMBLY

0745-322

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

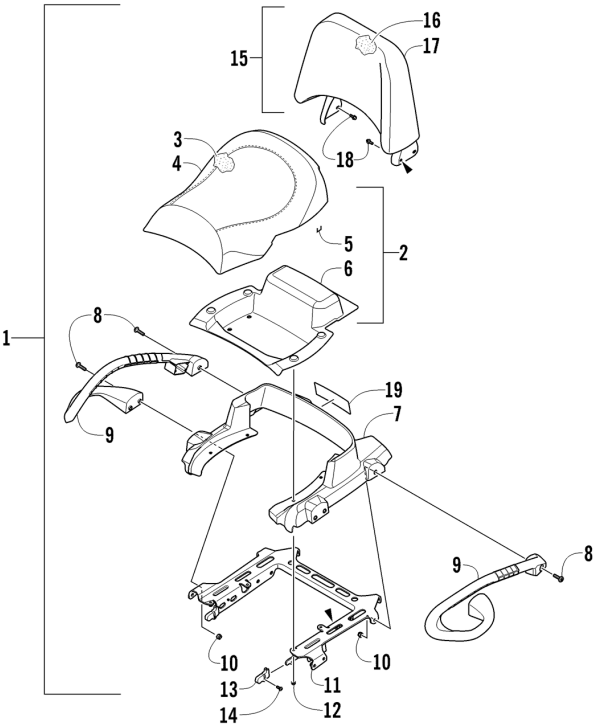




SEAT ASSEMBLY

0744-621

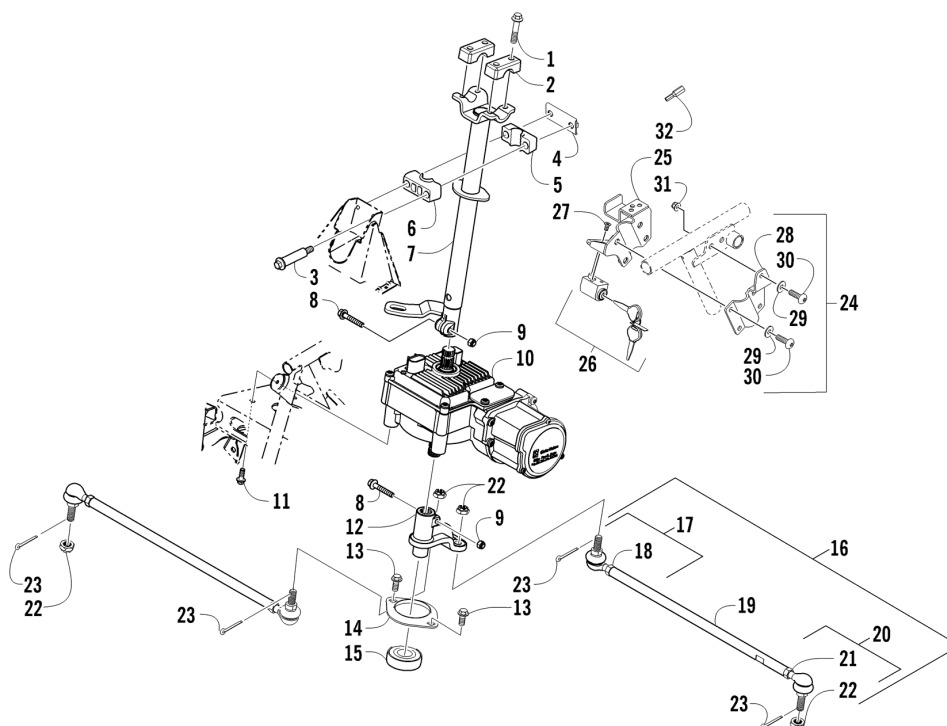
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-342	X	1	Seat Assembly (inc. 2-9)	6	0406-877		4	●● Bumper, Seat - Front
2	1506-209		1	● Cover, Seat	7	0624-263		AR	● Staple
3	0517-119		1	● Foam, Seat	8	1406-592		1	● Spring, Seat Latch
4	2406-525		1	● Base, Seat - Assembly (inc.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



PASSENGER SEAT AND BACKREST ASSEMBLY

0745-710

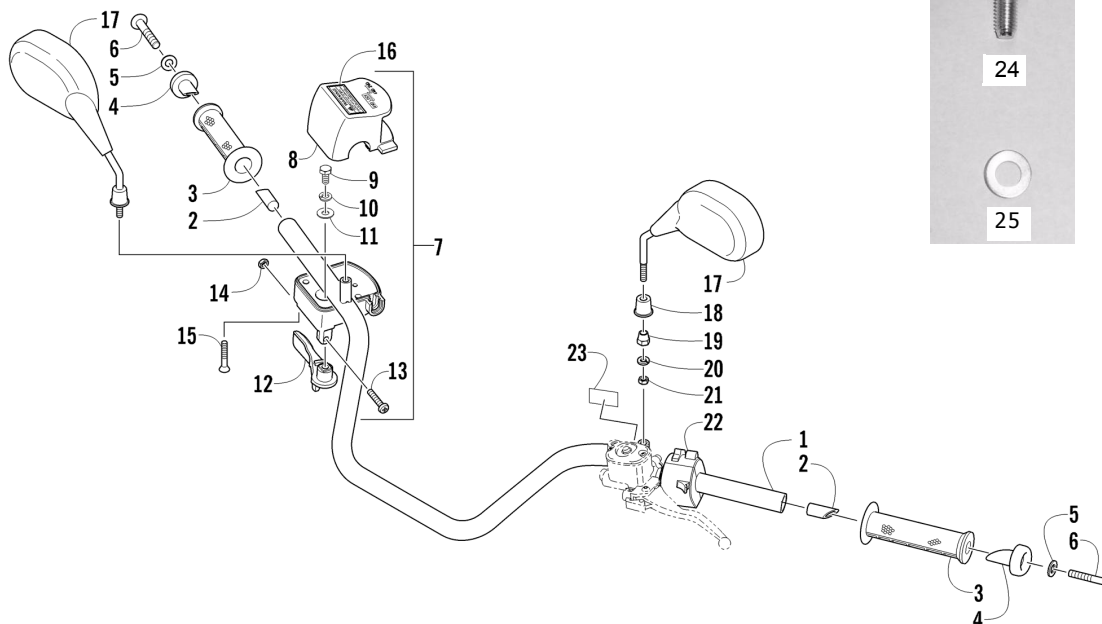
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-896		1	Seat, Passenger - Assembly (inc. 2-14)	10	8432-802		6	● Nut, Lock
2	2506-064		1	● Seat, Passenger - Sub-Assembly (inc. 3-6)	11	2516-040		1	● Bracket, Seat Support - Assembly
3	1506-816		1	●● Foam, Seat - Passenger	12	8427-602		4	● Nut, Lock
4	1506-815		1	●● Cover, Seat - Passenger	13	2406-895		2	● End Cap, Seat Support
5	0624-263	AR		●● Staple	14	0423-538		2	● Screw, Self-Tapping
6	2406-110		1	●● Base, Seat - Inner	15	2516-020		1	Backrest Assembly (inc. 16-17)
7	2406-044		1	● Base, Seat - Passenger	16	2516-018		1	● Foam, Backrest
8	8468-830		6	● Screw, Machine	17	2516-141		1	● Cover, Backrest
9	2406-834		1	● Handhold, Passenger - Right	18	8408-816		4	Screw, Cap
	2406-835		1	● Handhold, Passenger - Left	19	0411-814		1	Decal, "Arctic Cat"



STEERING ASSEMBLY

0745-656

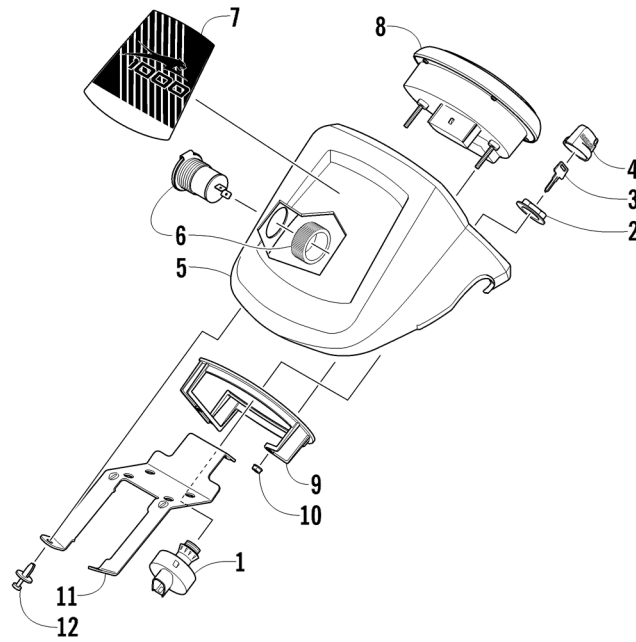
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8408-835		4	Screw, Cap	18	0423-013		2	●● Nut - Left-Hand Thread
2	0405-035		2	Cap, Steering Adjuster	19	0405-281		2	● Tie Rod
3	0423-505		2	Screw, Shoulder	20	0505-510		2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 21)
4	0505-484		1	Cap, Housing	21	8420-002		2	●● Nut - Right-Hand Thread
5	0405-260		1	Housing, Upper	22	0423-157		4	Nut, Lock
6	0405-259		1	Housing, Lower	23	0623-175		4	Pin, Cotter
7	0505-712	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

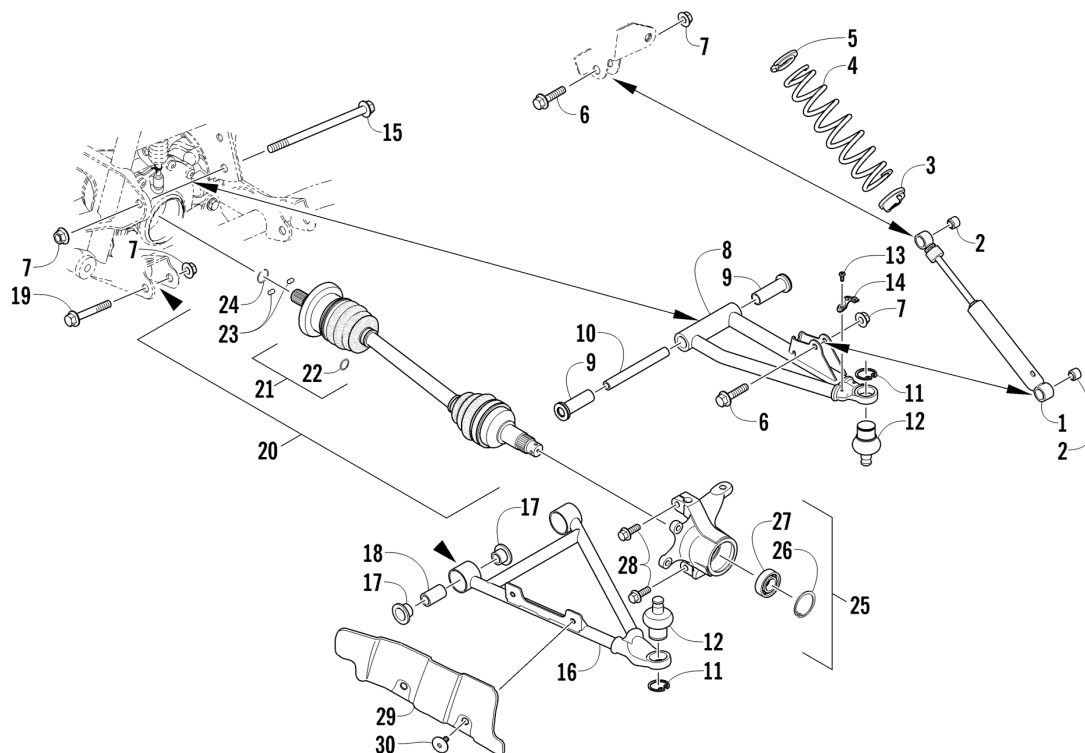
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-522		1	Handlebar	14	3423-327		1	● Nut
2	0405-218		2	Plug, Handlebar	15	3423-199		2	● Screw, Machine
3	0405-147		2	Grip, Handlebar	16	0411-966		1	Decal, Warning - Differential Lock
4	0405-149		2	End Cap, Handlebar	17	2406-630		1	Mirror - Right (inc. 18-21)
5	8050-247		2	Washer		2406-631		1	Mirror - Left (inc. 18-21)
6	8477-845		2	Screw, Machine	18	0423-985		2	● Cover
7	0509-054		1	Case, Throttle - Assembly (inc. 8-15)	19	0423-986		2	● Nut, Adjuster
8	0409-141		1	● Cover, Throttle Case w/Switch	20	0423-987		2	● Washer, Lock
9	3007-392		1	● Screw, Cap	21	0423-988		2	● Nut
10	3004-447		1	● Washer, Lock	22	0409-081		1	Switch, Control - Assembly
11	3003-030		1	● Washer	23	1411-865		1	Decal, Warning - Brake Lever Lock
12	0409-133		1	● Lever, Throttle	24	AC008-457		1	Screw M8x16
13	3423-014		1	● Screw, Machine	25	AC008-420		1	Plain Washer 8



INSTRUMENT POD ASSEMBLY

0745-712

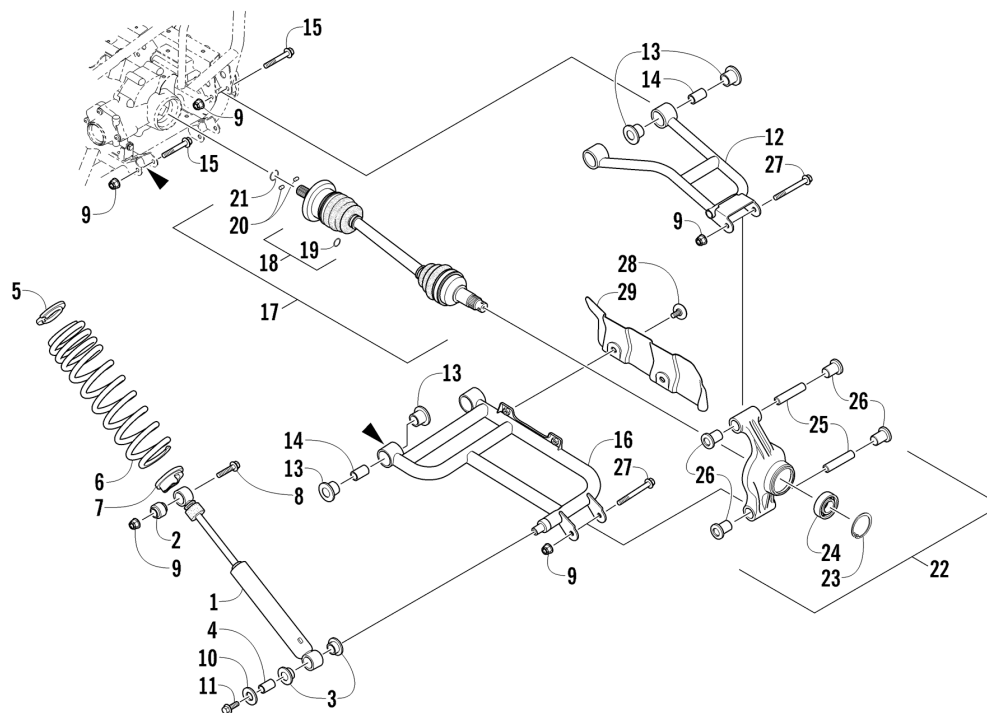
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0430-090		1	Switch, Ignition - Assembly (inc. 2-4)	6	0641-897		1	Outlet, Accessory - 12V
2	0430-050		1	● Nut, Retaining	7	2411-513	X	1	Decal, Instrument Pod
3	0430-042		1	● Key, Ignition (Y Series - Left-Side Cut)	8	0520-133	X	1	Gauge, LCD
	0430-043		1	● Key, Ignition (Z Series - Right-Side Cut)	9	0420-065		1	Bracket, Retaining
4	0430-054		1	● Cover, Key	10	0423-493		2	Nut w/Washer
5	0505-684	X	1	Instrument Pod - Blue	11	2506-470		1	Bracket, Mounting - Instrument Pod
					12	0423-535		2	Rivet, Reinstallable



FRONT SUSPENSION ASSEMBLY

0745-247

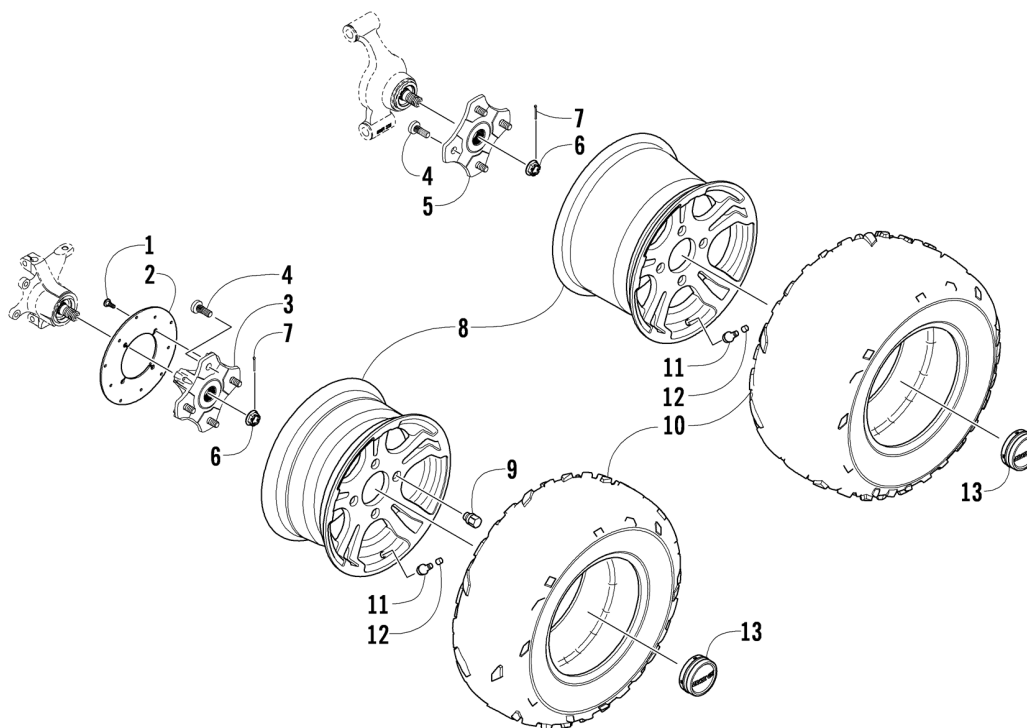
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0403-188		2	Shock Absorber (inc. 2)	17	0403-208		8	● Bushing
2	0403-182		4	● Bushing	18	0403-214		4	● Axle
3	0403-102		2	Cam, Spring Adjuster	19	8409-075		4	Screw, Cap
4	0503-468	X	2	Spring, Suspension - White	20	1502-806	X	1	Axle, Drive - 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	0503-416		1	A-Arm, Upper Right - Black (inc. 9-12)	24	1402-885	X	4	● Pin, Detent
9	0503-417		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

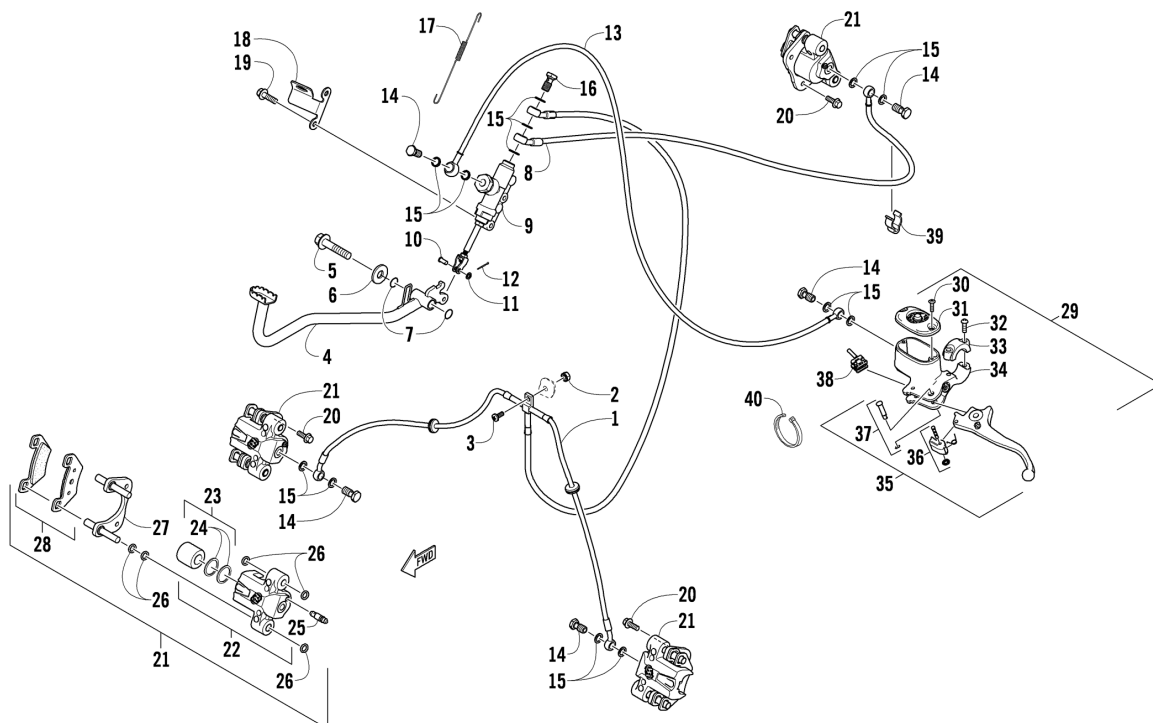
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-158		2	Shock Absorber (inc. 2-4)	17	1502-804	X	2	Axle, Drive (inc. 18-21)
2	0403-182		2	● Bushing	18	1436-410	X	2	● Repair Kit, Boot (inc. 19)
3	0603-955		4	● Bushing	19	1441-988	X	2	●● Clip, Retaining
4	1603-219		2	● Sleeve	20	1402-884	X	4	● Pin, Detent
5	1603-889		2	Retainer, Spring	21	1402-890	X	2	● Clip, Retaining
6	0504-638	X	2	Spring, Suspension - White	22	0504-630		1	Knuckle, Right - Assembly (inc. 23-26)
7	0404-057		2	Cam, Spring Adjuster		0504-551		1	Knuckle, Left - Assembly (inc. 23-26)
8	8409-050		2	Screw, Cap	23	0423-423		2	● Ring, Retaining
9	0423-744		14	Nut, Lock	24	1402-809		2	● Bearing
10	0423-087		2	Washer	25	0403-213		4	● Axle
11	8408-820		2	Screw, Cap	26	0403-206		8	● Bushing
12	0504-582		1	A-Arm, Rear - Upper Right - Black (inc. 13-14)	27	8409-000		4	Screw, Cap
	0504-583		1	A-Arm, Rear - Upper Left - Black (inc. 13-14)	28	0423-545		4	Screw, Shoulder
13	0403-208		16	● Bushing	29	1406-068		1	Guard, Boot - Rear - Right - Black
14	0403-214		8	● Axle		1406-069		1	Guard, Boot - Rear - Left - Black
15	8409-075		8	Screw, Cap					
16	0504-572		1	A-Arm, Rear - Lower Right - Black (inc. 13-14)					
	0504-573		1	A-Arm, Rear - Lower Left - Black (inc. 13-14)					



WHEEL AND TIRE ASSEMBLY

0743-965

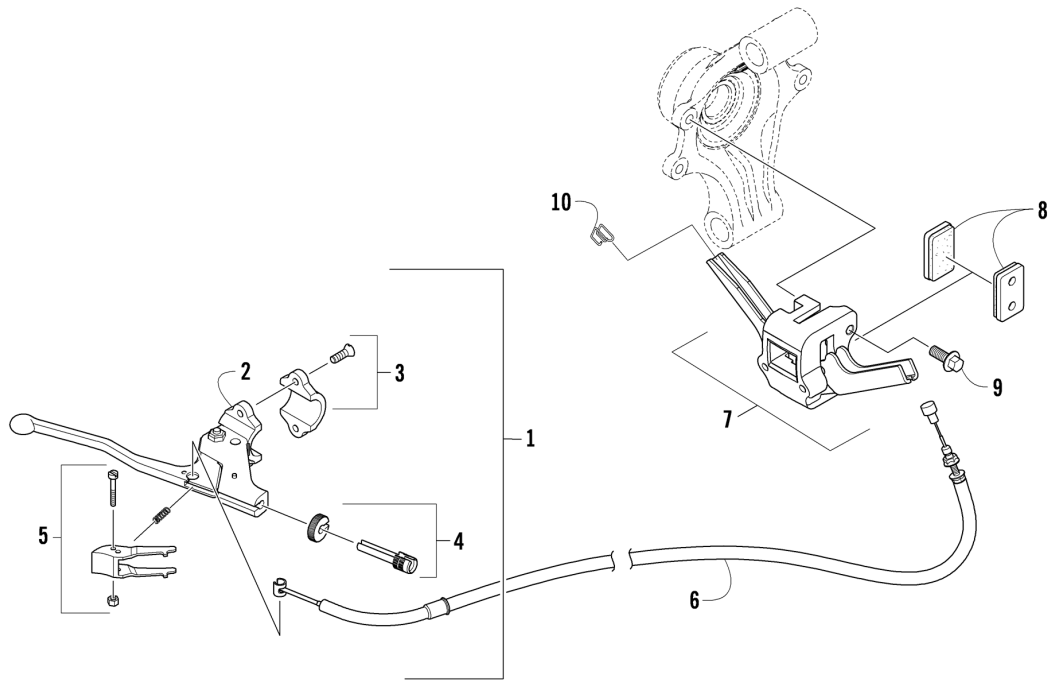
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		12	Screw, Shoulder	9	0423-618		16	Nut, Lug - Chrome
2	1436-164		3	Disc, Brake	10	1402-858		2	Tire - Front
3	1502-437		2	Hub, Wheel - Front (inc. 4)		1402-859		2	Tire - Rear
4	0402-974		16	● Stud	11	0402-064		4	Stem, Valve (inc. 12)
5	1502-437		2	Hub, Wheel - Rear (inc. 4)	12	0402-140		4	● Cap, Valve Stem
6	0423-607		4	Nut, Castle	13	1402-736		4	Cap, Wheel
7	0423-407		4	Pin, Cotter					
8	1402-730		2	Wheel - Front - Aluminum					
	1402-731		2	Wheel - Rear - Aluminum					



HYDRAULIC BRAKE ASSEMBLY

0745-026

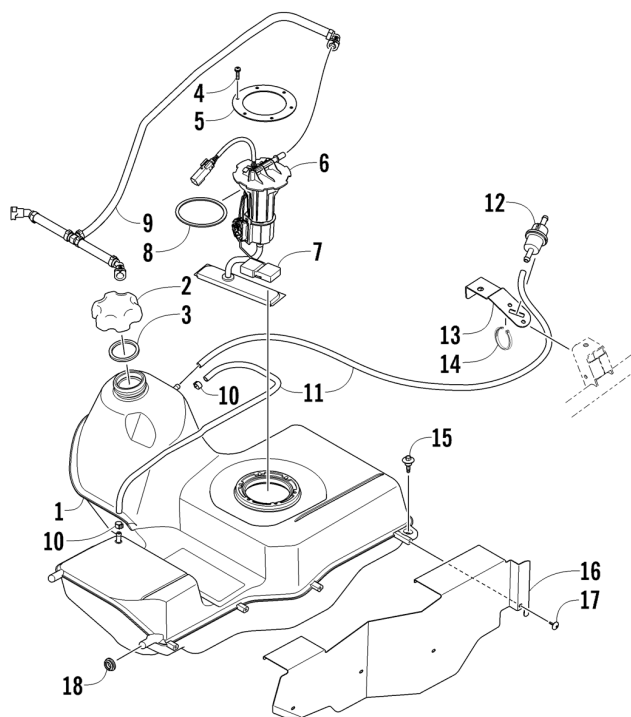
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-148		1	Hose, Brake - Assembly	22	1436-160		1	● Housing, Caliper - Assembly - Right Front (inc. two No. 20 and 23-25)
2	0623-038		1	Nut w/Washer		1436-161		1	● Housing, Caliper - Assembly - Left Front (inc. two No. 20 and 23-25)
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	0502-840		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)					



PARKING BRAKE ASSEMBLY

0743-214

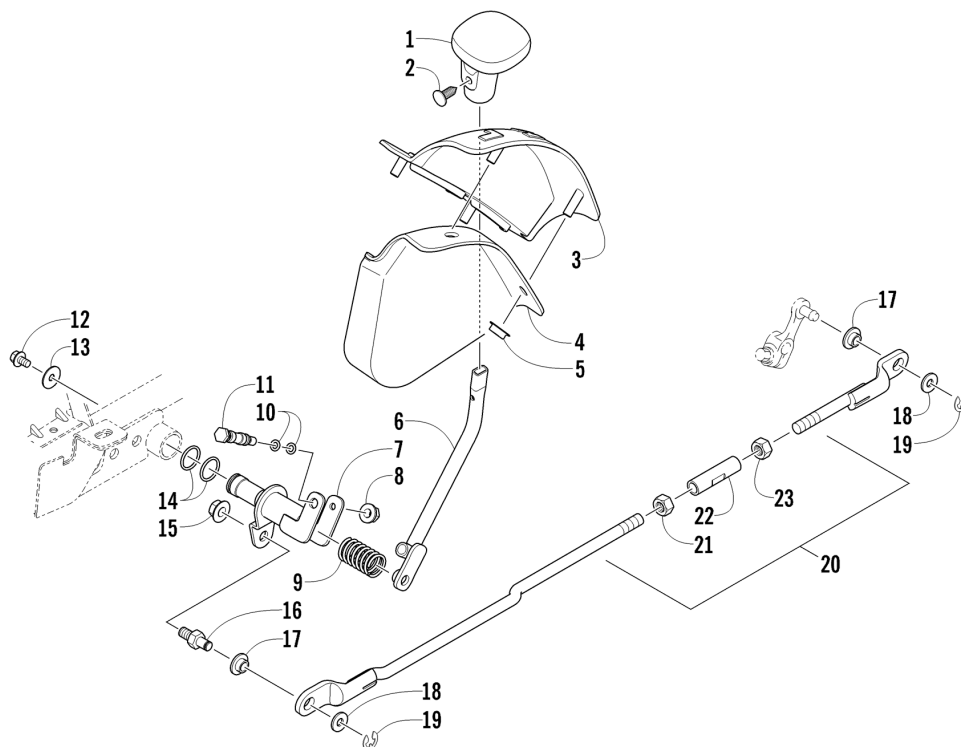
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-278		1	Lever, Parking Brake - Assembly (inc. 2-6)	6	0487-055		1	● Cable, Brake - Rear
2	1502-429		1	● Lever, Parking Brake - Kit	7	1502-865	X	1	Mechanical Brake Assembly (inc. 8)
3	1502-432		1	● Clamp, Handlebar - Kit	8	1402-602		2	● Pad, Brake
4	1502-430		1	● Adjuster, Thumb Nut - Kit	9	8408-826		2	Screw, Cap
5	1502-431		1	● Lock, Parking Brake Lever - Kit	10	0402-379		1	Wire Form, Cable



GAS TANK ASSEMBLY

0745-714

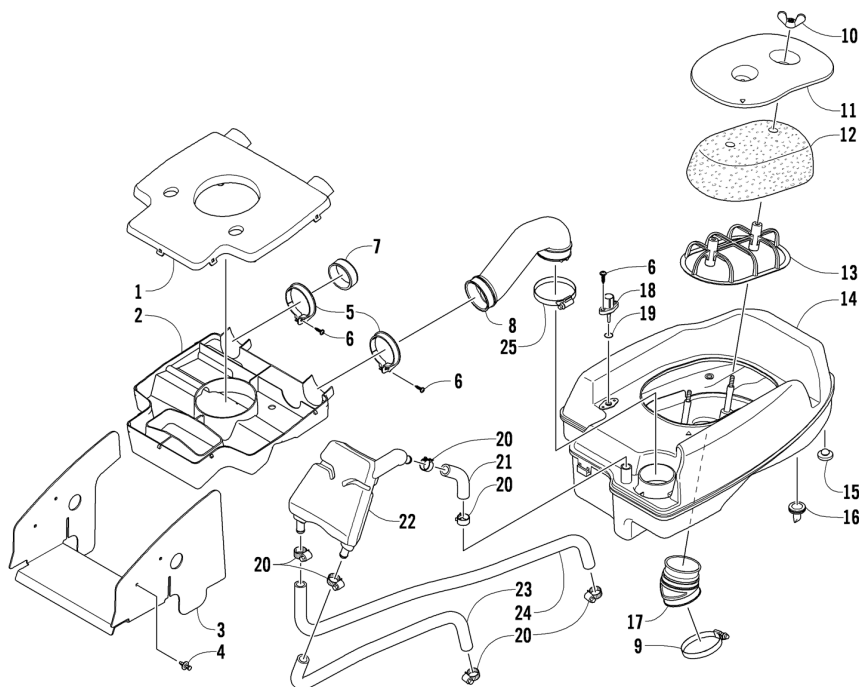
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-308		1	Tank, Gas - Assembly (inc. 2-5)	10	0423-688		2	Clamp, Hose
2	0470-438		1	● Cap, Gas Tank (inc. 3)	11	0410-070	AR		Hose, Gasline - 25 ft
3	0109-733		1	●● Gasket, Gas Tank Cap	12	0510-335		1	Filter, In-Line
4	0423-898		6	● Screw, Self-Tapping	13	0470-794		1	Bracket, Mounting - Filter
5	2670-042		1	● Plate, Retaining	14	0123-788	AR		Tie, Cable - 8 in.
6	0570-323		1	Pump, Fuel - Assembly (inc. 7-8)	15	0423-732		2	Screw, Shoulder
7	2670-235	X	1	● Float	16	0470-822		1	Shield, Heat
8	0470-838		1	● Seal	17	0623-797		4	Screw, Self-Tapping
9	0570-282		1	Hose, Fuel - Assembly	18	0423-460		2	Grommet



SHIFT LEVER ASSEMBLY

0745-046

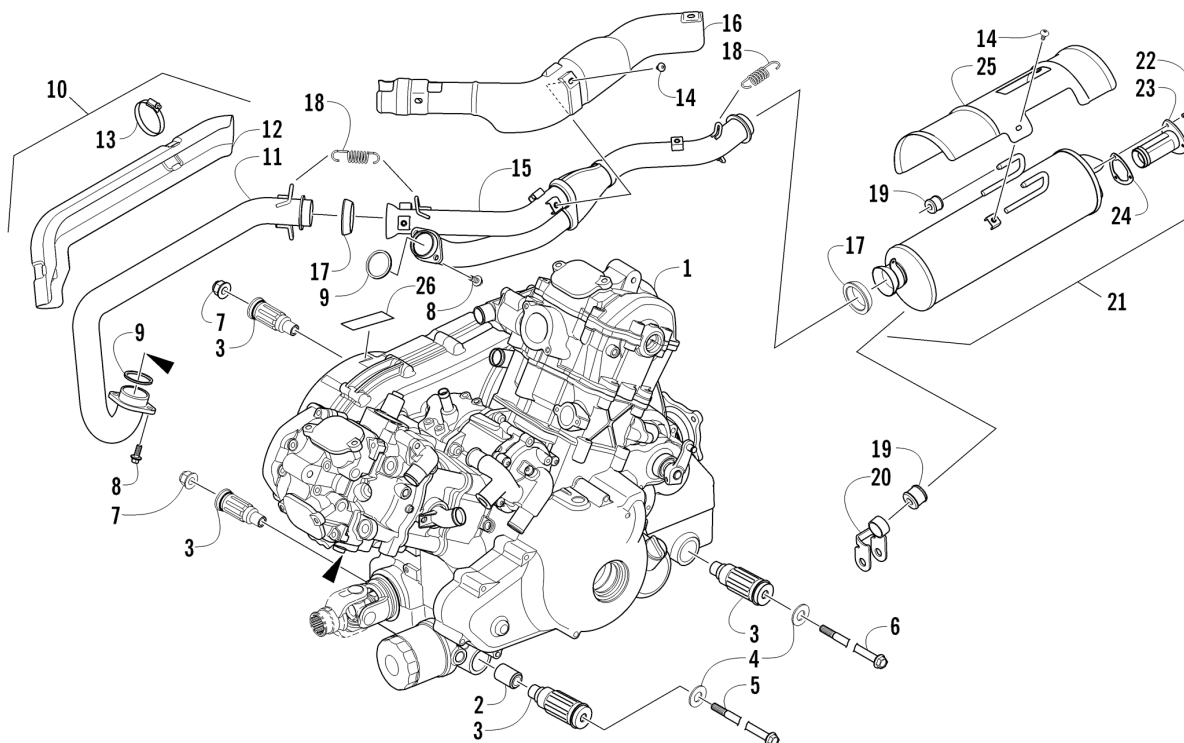
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0402-843		1	Knob, Shift	13	0423-087		1	Washer
2	0423-345		1	Clip, Retaining	14	0423-299		2	O-Ring
3	1402-576		1	Plate, Shift	15	8424-802		1	Nut
4	2406-345		1	Shield, Shift Plate	16	1402-621		1	Pin, Mounting - Shift Linkage
5	0423-357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

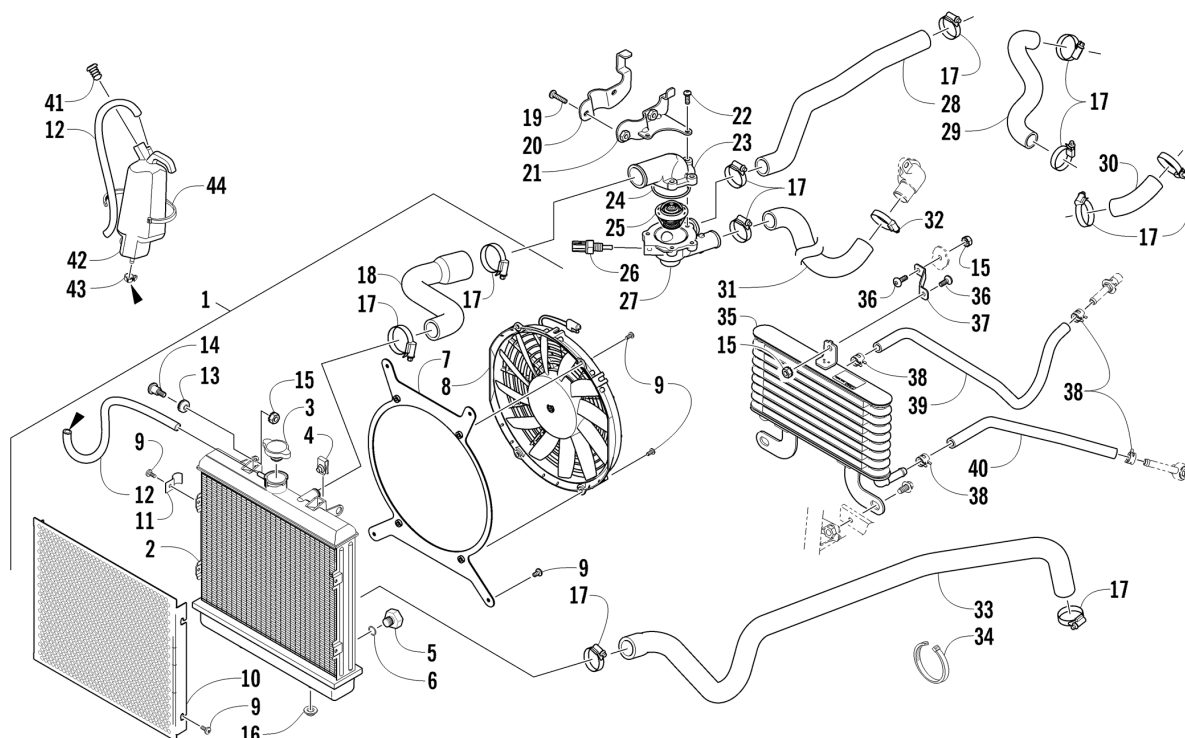
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0413-091	1	Diverter, Air - Top	14	0570-221	1	Housing, Air Intake
2	0413-093	1	Diverter, Air - Bottom	15	0406-877	4	Bumper
3	2406-509	1	Shroud, Splash	16	0470-442	2	Valve, Drain
4	0623-362	2	Rivet, Reinstallable	17	0470-638	1	Boot, Throttle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



ENGINE AND EXHAUST

0744-086

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-111		1	Engine, A950K (inc. 2-3)	14	8477-610		8	Screw, Machine
2	0801-128		1	● Spacer, Engine Mount	15	0512-453		1	Pipe, Exhaust - Rear
3	0801-091		4	● Mount, Engine	16	0412-484		1	Shield, Exhaust Pipe - Rear
4	0423-426		2	Washer	17	0412-375		2	Seal, Exhaust Pipe
5	0423-734		1	Screw, Cap	18	0612-668		4	Spring, Extension
6	0423-451		1	Screw, Cap	19	0412-577	X	3	Bushing
7	8428-002		2	Nut, Lock	20	1506-732		1	Channel, Muffler Support
8	8408-820		4	Screw, Cap	21	0512-355		1	Muffler - Assembly (inc. 22-24)
9	0412-338		2	Gasket, Exhaust Pipe	22	8408-616		3	● Screw, Cap
10	0512-433		1	Pipe, Exhaust - Assembly (inc. 11-13)	23	0512-219		1	● Arrestor, Spark - Assembly
11	0512-349		1	● Pipe, Exhaust	24	0412-313		1	● Gasket, Spark Arrestor
12	0412-400		1	● Shield, Exhaust Pipe	25	0412-373		1	Cover, Muffler
13	0423-317		2	● Clamp	26	0411-426		1	Decal, Warning - Clutch Cover

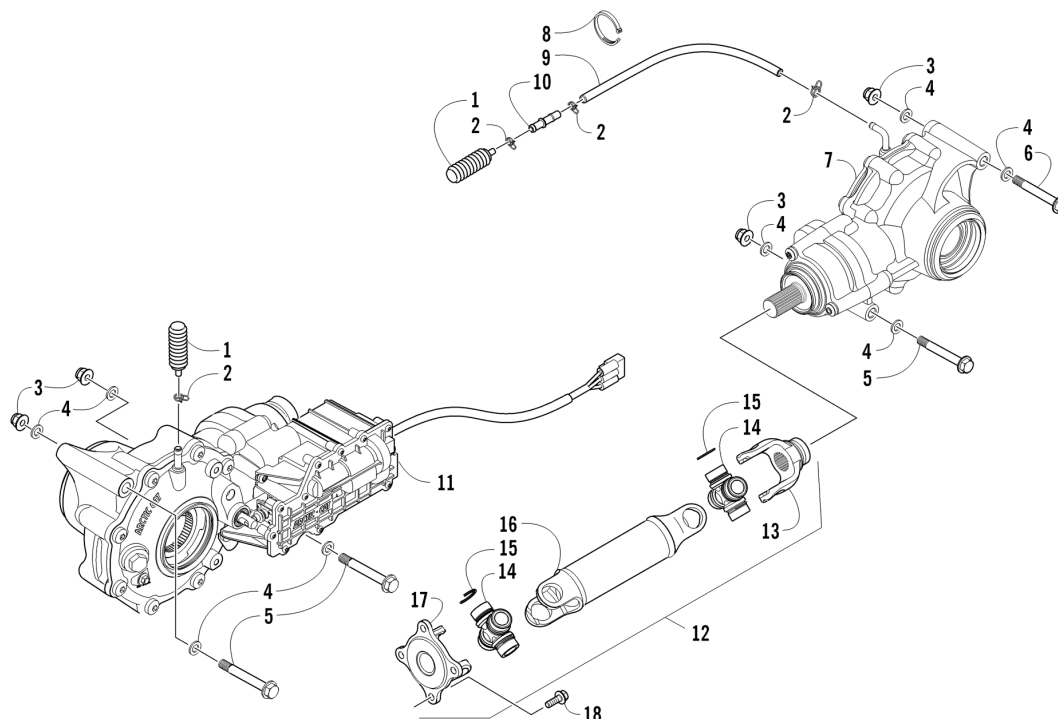


COOLING ASSEMBLY

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.

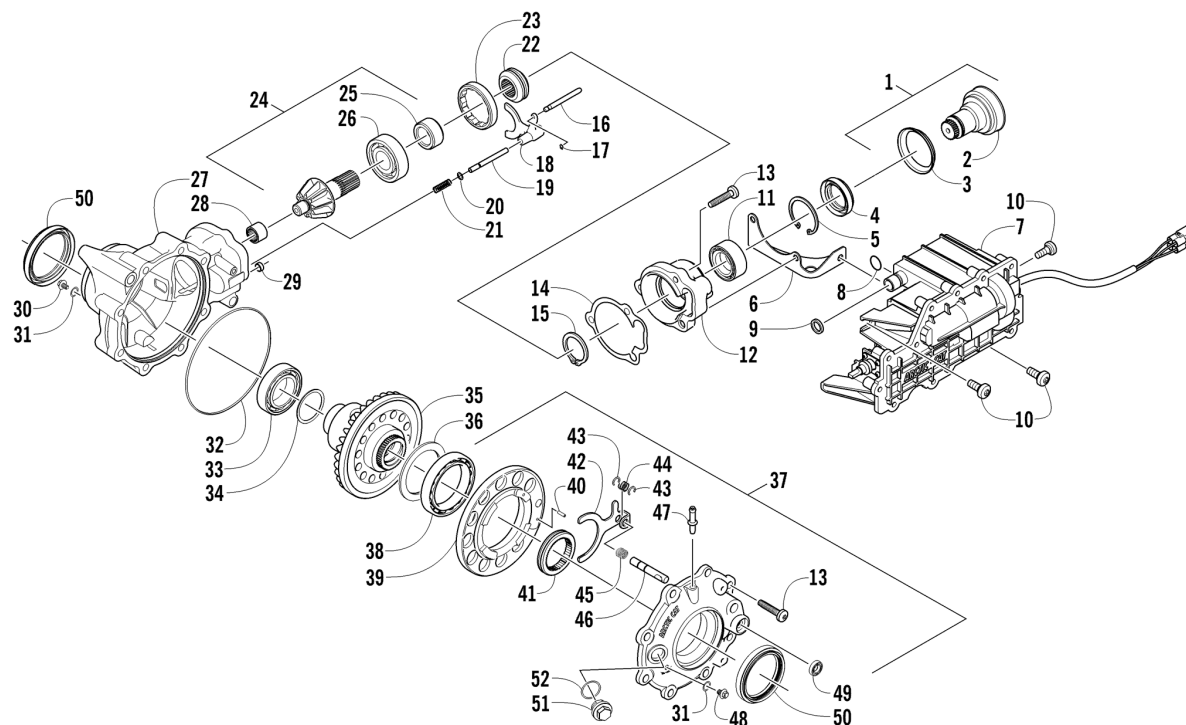
22



DRIVE TRAIN ASSEMBLY

0744-087

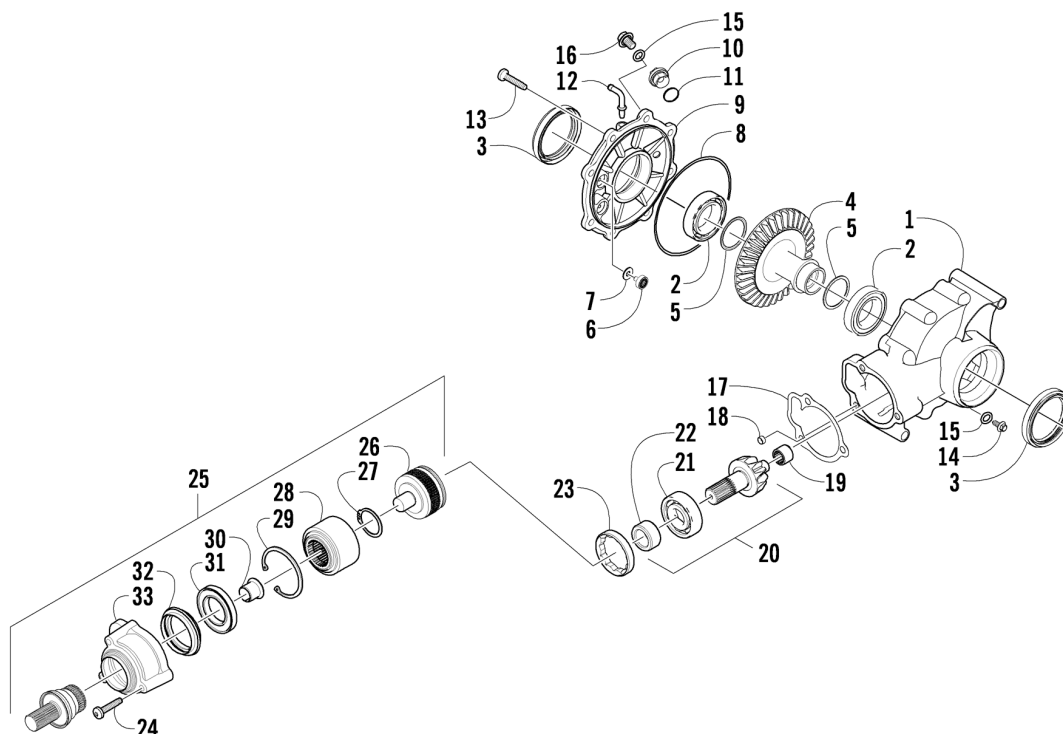
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1402-620		2	Bladder, Gearcase	10	0470-702		1	Fitting, Vent
2	0423-315		4	Clamp, Hose	11	1502-395		1	Gearcase, Front
3	8428-002		4	Nut, Lock	12	1502-338		1	Driveshaft, Rear - Assembly (inc. 13-17)
4	0423-426		8	Washer	13	1402-567		1	● Yoke, Slip
5	0423-404		3	Screw, Cap	14	0402-944		2	● Joint, Universal (inc. four No. 15)
6	0423-830		1	Screw, Cap	15	0423-395		8	●● Ring, Retaining
7	1502-573		1	Gearcase, Rear	16	1502-337		1	● Driveshaft, Rear
8	0123-788	AR		Tie, Cable - 8 in.	17	1402-689		1	● Yoke, Flange
9	0410-070	AR		Hose, Vent - 25 ft	18	8408-820		4	Screw, Cap



FRONT DRIVE GEARCASE ASSEMBLY

0745-625

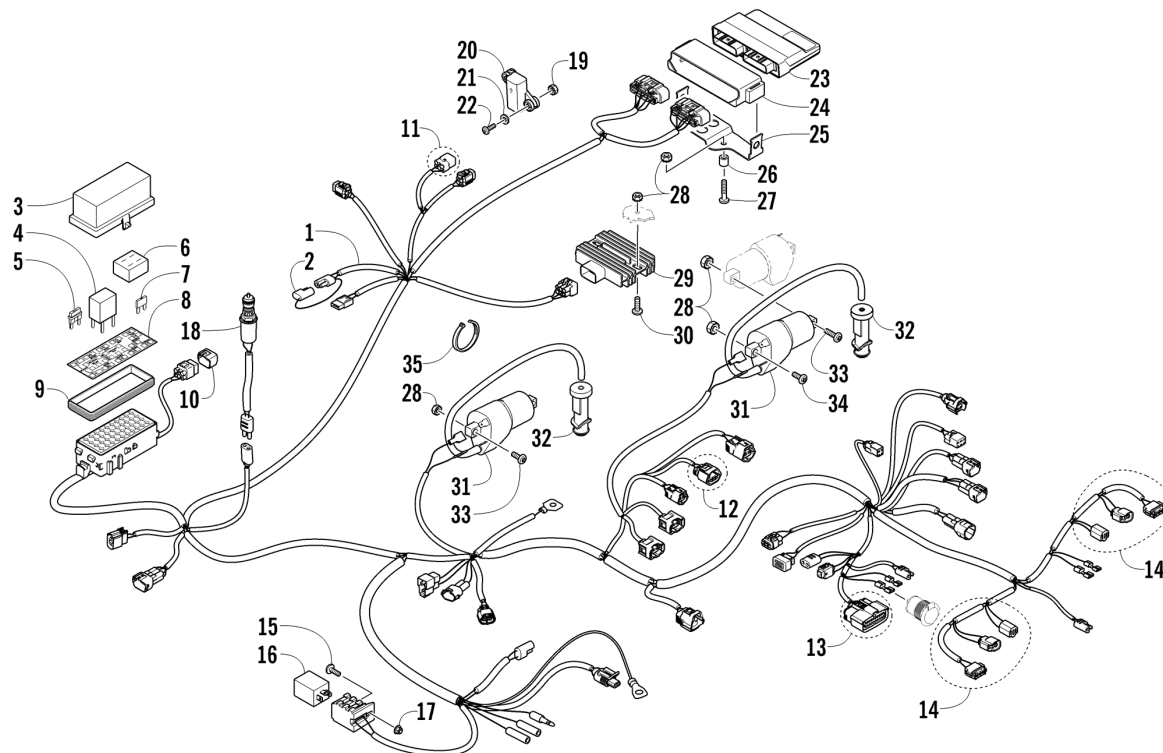
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-395		1	Complete Front Drive Gearcase Assembly	30	1402-210		1	Plug, Magnetic (inc. one No. 31)
1	0502-923		1	Shaft, Propeller - Assembly (inc. 2-3)	31	0423-153		2	● O-Ring
2	1402-438		1	● Shaft, Input	32	0423-149		1	O-Ring
3	1402-168		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

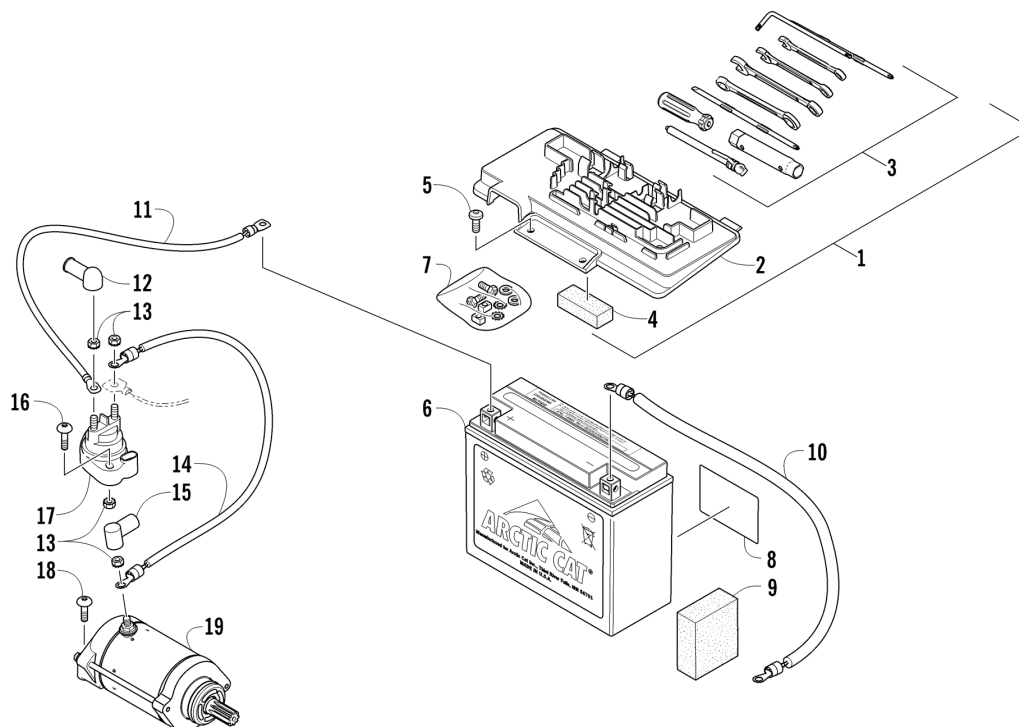
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-573		1	Complete Rear Drive Gearcase Assembly	13	0423-118		8	Screw, Self-Tapping
1	1502-317		1	Housing, Gearcase	14	0402-450		1	Plug, Magnetic (inc. one No. 15)
2	0402-393		2	Bearing	15	0423-153		2	● O-Ring
3	1402-713		2	Seal	16	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, 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	0502-784		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	0402-336		1	● Collar, Retaining
6	0402-326		1	Button, Thrust	23	0402-331		1	Collar, Lock
7	0402-429	AR		Shim, 6.3 x 18 x 1.3 mm	24	0423-834		3	Screw, Self-Tapping
	0402-430	AR		Shim, 6.3 x 18 x 1.4 mm	25	1502-655		1	Shaft, Input (inc. 26-33)
	0402-431	AR		Shim, 6.3 x 18 x 1.5 mm	26	1502-564		1	● Cartridge, Clutch - Assembly
	0402-432	AR		Shim, 6.3 x 18 x 1.6 mm	27	0423-799		1	● Ring, Retaining - External
	0402-433	AR		Shim, 6.3 x 18 x 1.7 mm	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

0745-715

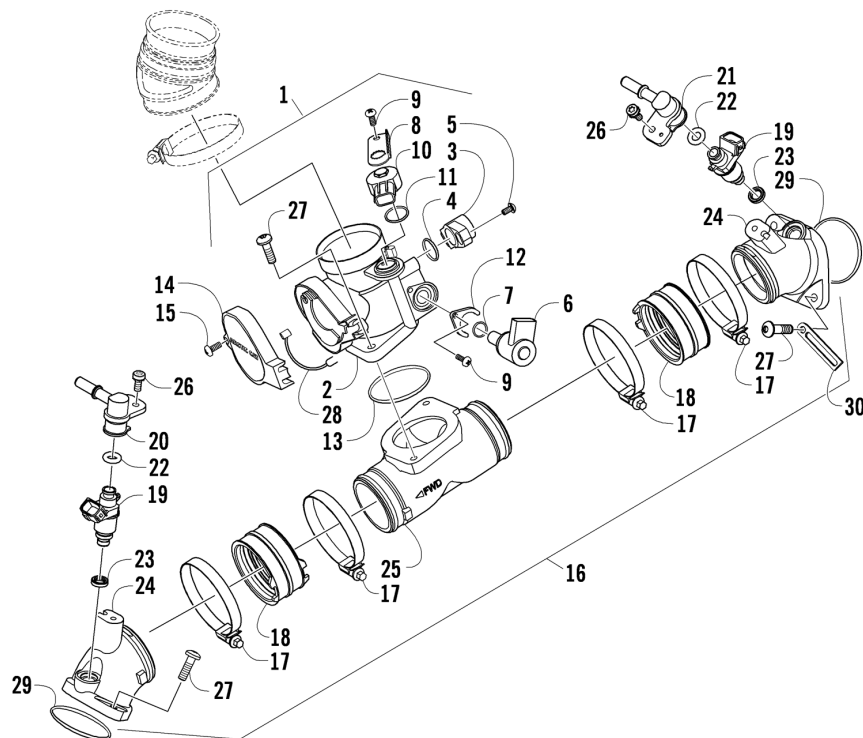
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-404	X	1	Harness, Main (inc. 2-10)	17	8427-502		1	Nut, Lock
2	0486-164		1	● Tether, Accessory Connector	18	0409-089		1	Switch, Brake - Assembly
3	0430-085		1	● Cover, Fuse Block	19	0423-493		2	Nut w/Washer
4	0430-045		6	● Relay (4-Pin)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



BATTERY AND STARTER ASSEMBLY

0745-641

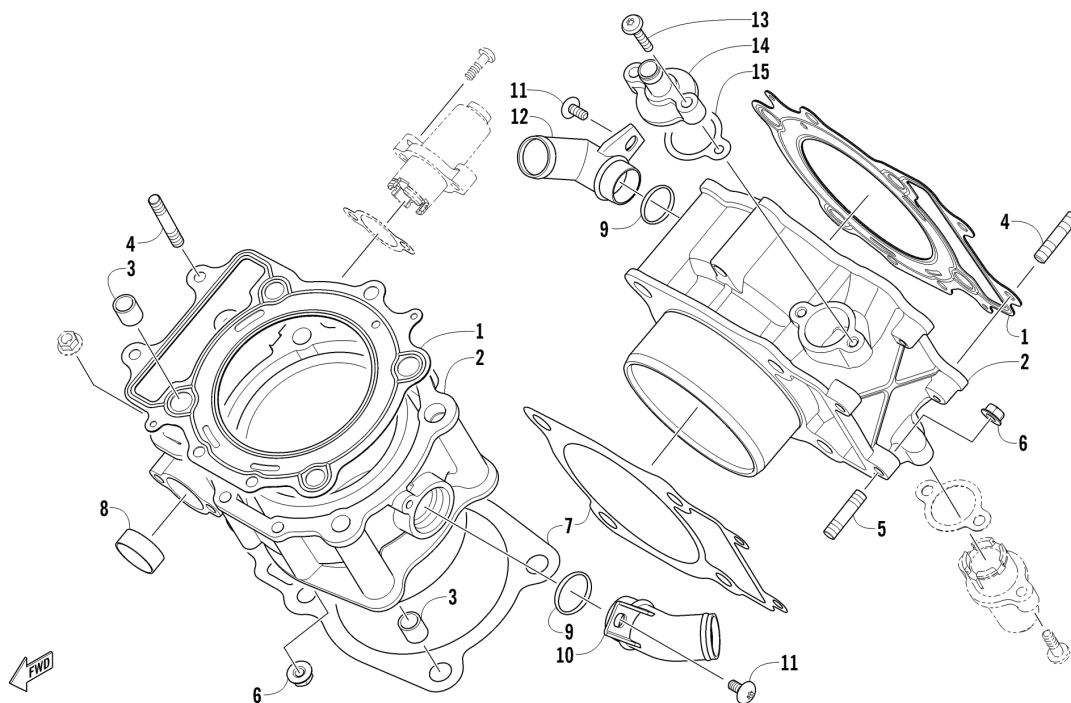
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	5991-655		1	Battery Cover/Tool Tray Assembly (inc. 2-4)	10	0445-071		1	Cable, Battery/Ground
2	2406-815		1	● Cover, Battery	11	0445-062		1	Cable, Battery/Soleniod
3	0444-122		1	● Kit, Tool	12	0645-327		1	Boot, Terminal
4	0417-016		1	● 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	0417-017		1	Foam, Battery	18	8476-625		2	Screw, Machine
					19	0825-015		1	Motor, Starter - Assembly



THROTTLE BODY ASSEMBLY

0742-977

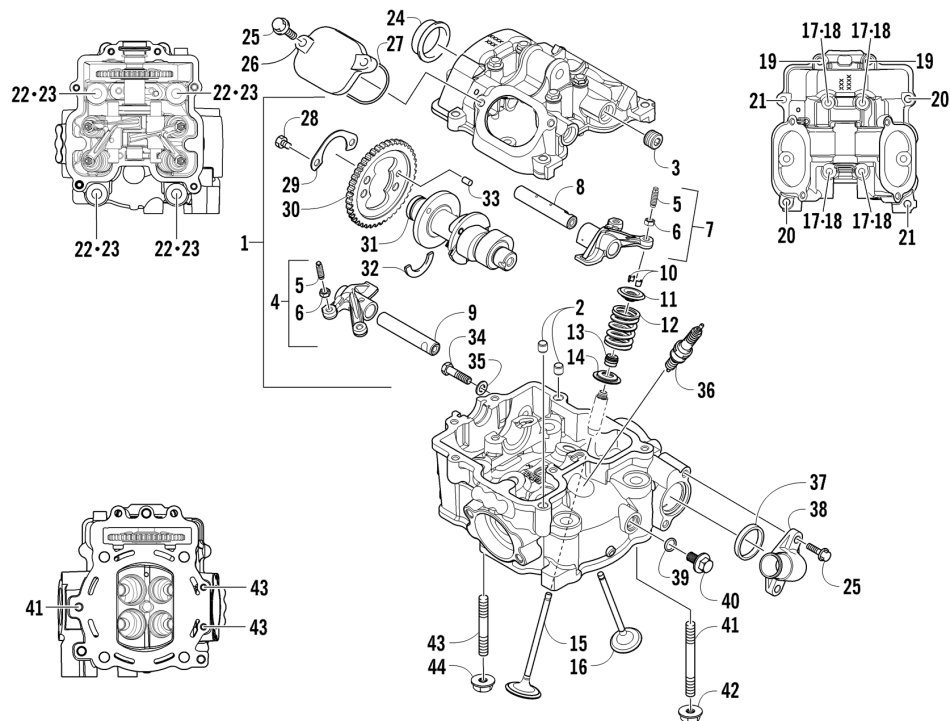
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-686		1	Throttle - Assembly (inc. 2-15)	16	0570-230		1	Manifold, Intake - Assembly (inc. 17-26)
2	—		1	● Throttle Body - Not a Service Part	17	0423-066		4	● Clamp
3	0430-072		1	● Sensor, Throttle Position	18	0470-660		2	● Boot, Intake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



CYLINDER ASSEMBLY

0745-047

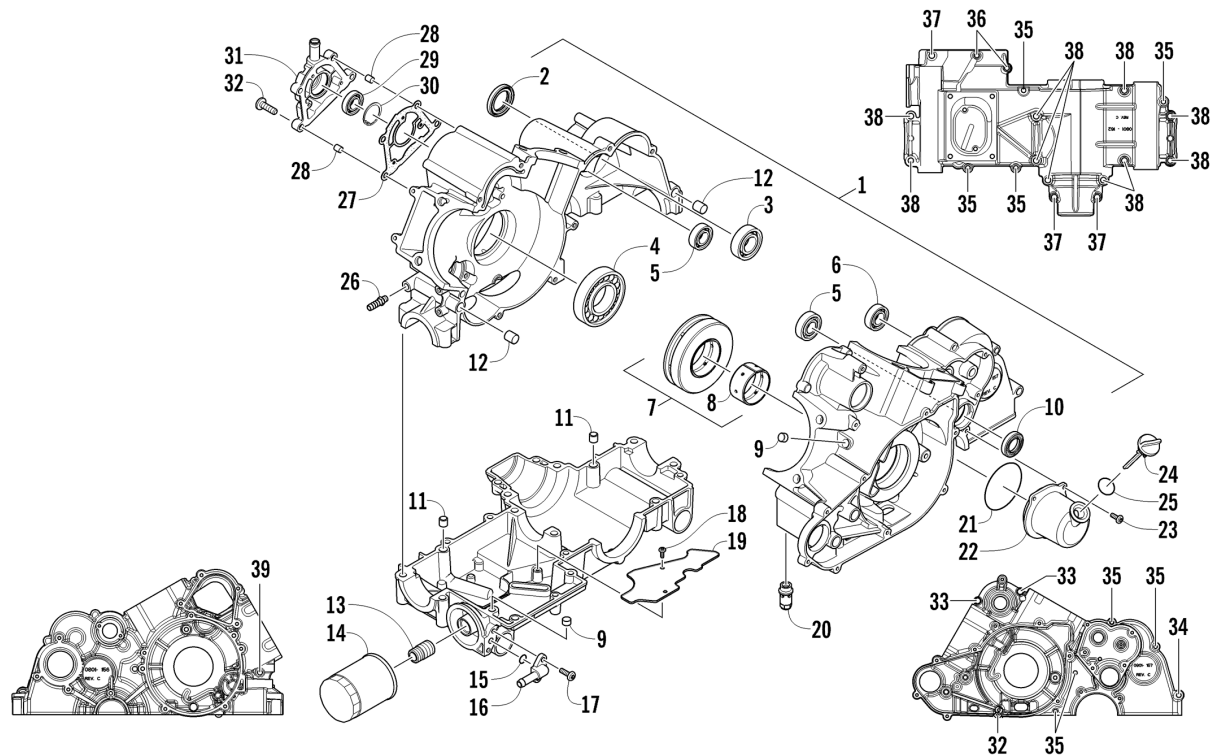
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0830-209	2	Gasket, Head	9	0830-007	2	O-Ring
2	0804-031	2	Cylinder	10	0804-046	1	Union, Coolant Hose
3	0829-002	8	Pin, Dowel	11	8468-612	2	Screw, Machine
4	0827-002	4	Bolt, Stud	12	0804-030	1	Union, Coolant Hose
5	0827-018	4	Bolt, Stud	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

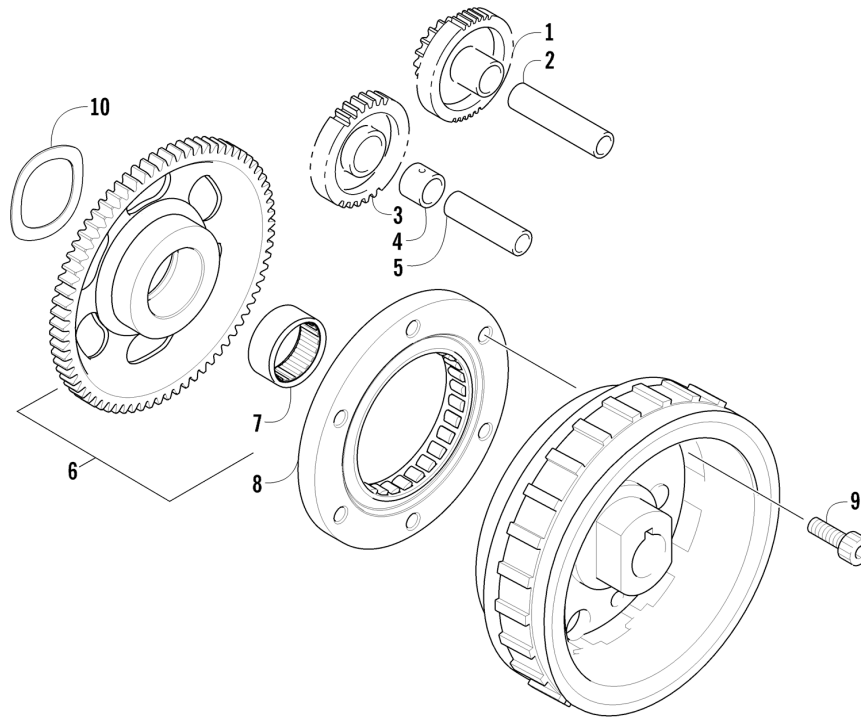
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-175	X	2	Head, Cylinder - Assembly (inc. 2-17)	23	0830-147		8	Washer
2	0829-048	X	4	● Pin, Dowel	24	0808-077		2	Plug, Cylinder Head
3	0831-083	X	4	● Plug, Shaft	25	0826-007		12	Screw, Cap
4	0809-237	X	2	● Arm, Valve Rocker - Exhaust (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



CRANKCASE ASSEMBLY

0745-051

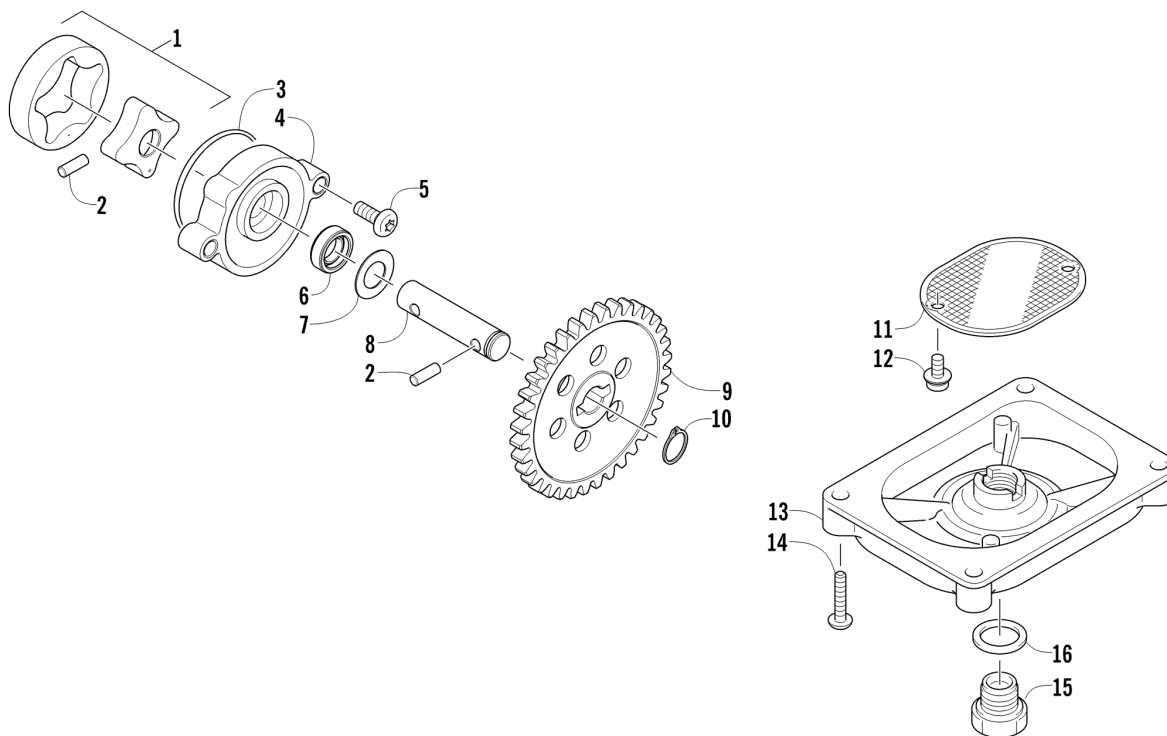
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-172		1	Crankcase - Assembly (inc. 2-13)	21	0830-162		1	O-Ring, Oil Filler Cover
2	0830-035		1	● Seal, Driveshaft	22	0812-081		1	Cover, Oil Filler
3	0832-048		1	● Bearing	23	8468-616		3	Screw, Machine
4	0832-042		1	● Bearing	24	0801-179		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					



STARTER CLUTCH ASSEMBLY

0745-071

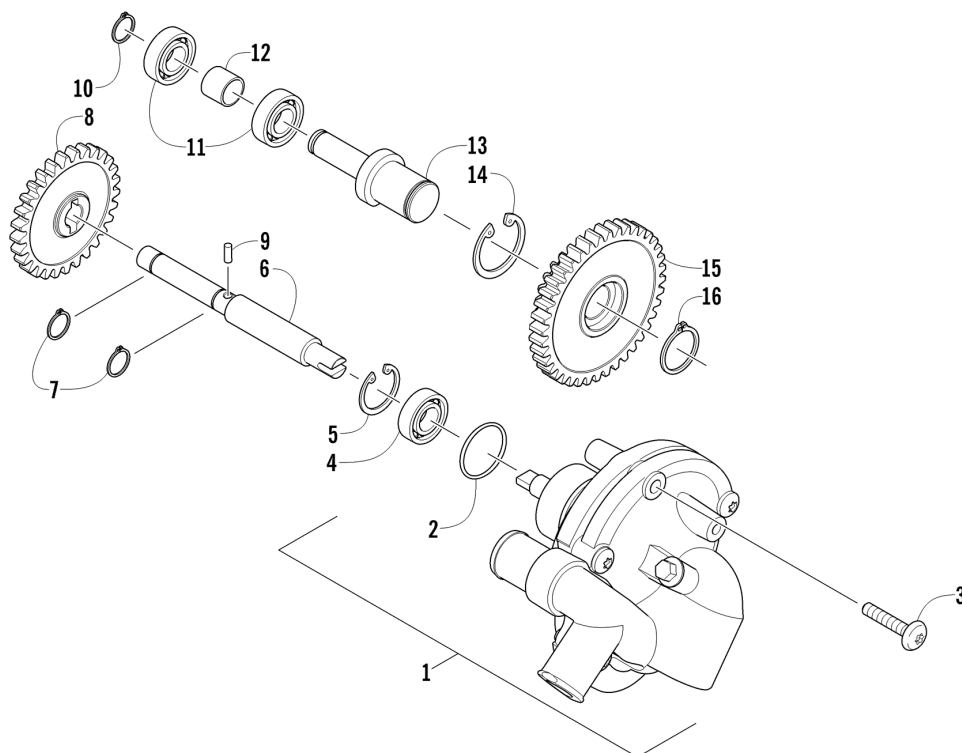
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0815-026		1	Gear, Starter Idler - No. 1	6	0815-004		1	Gear, Starter Clutch (inc. 7)
2	0829-031		1	Shaft, Starter Gear	7	0832-079		1	● Bearing
3	0815-002		1	Gear, Starter Idler - No. 2	8	0802-035		1	Clutch, Starter
4	0815-003		1	Spacer,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



OIL PUMP ASSEMBLY

0745-052

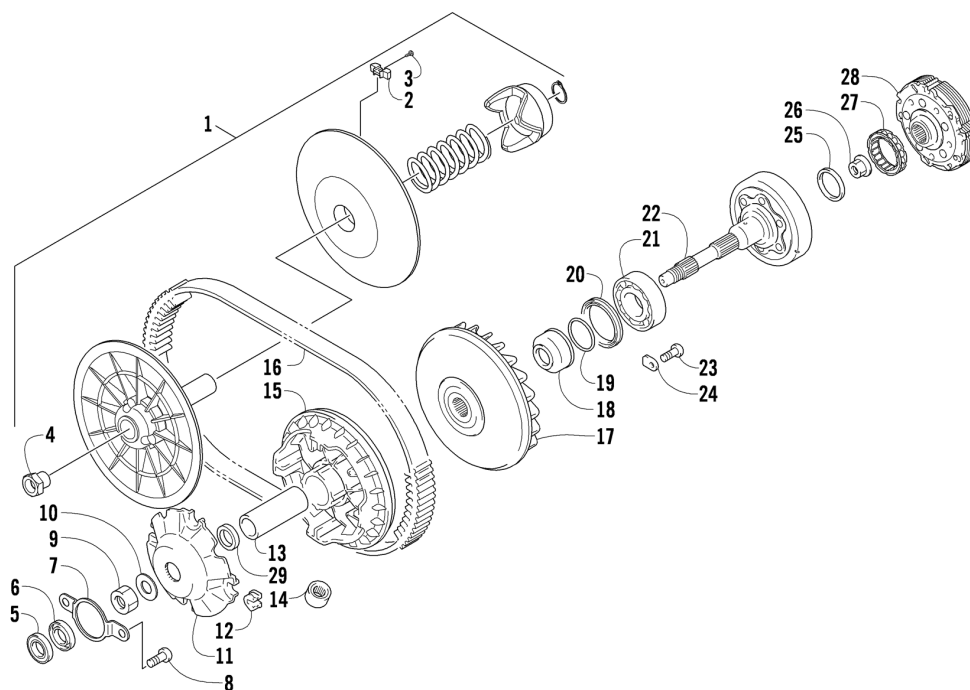
Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0812-041	1	Gerotor - Set	9	0812-045	1	Gear, Driven
2	0829-009	2	Pin, Dowel	10	0831-002	1	Ring, Retaining
3	0812-048	1	O-Ring	11	0812-057	1	Strainer, Oil
4	0812-040	1	Housing, Oil Pump	12	0826-040	2	Screw, Machine
5	8468-625	2	Screw,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



WATER PUMP ASSEMBLY

0745-053

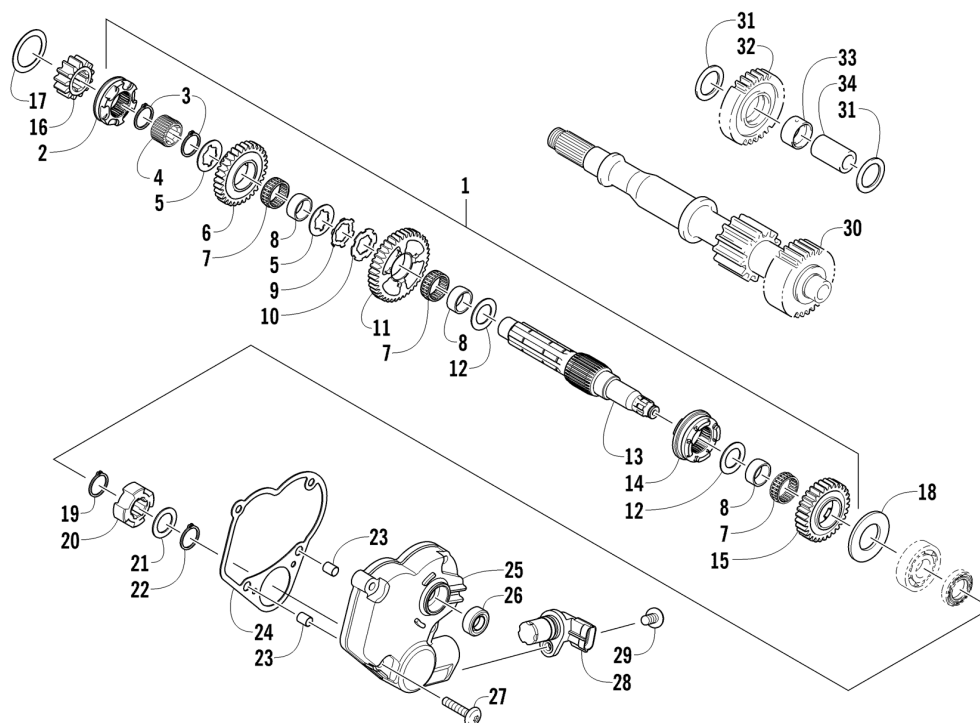
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-056	1	1	Pump, Water - Assembly (inc. 2)	9	0829-009	1	1	Pin, Dowel
2	0830-029	1	1	● O-Ring	10	0831-002	1	1	Ring, Retaining
3	8468-650	2	2	Screw, Machine	11	0832-046	2	2	Bearing
4	0832-084	1	1	Bearing	12	0813-028	1	1	Spacer, Idler - Water Pump
5	0831-086	1	1	Circlip	13	0813-026	1	1	Shaft, Water Pump Idler Gear
6	0813-041	1	1	Shaft, Driven Gear	14	0831-004	1	1	Ring, Retaining
7	0831-010	2	2	Ring, Retaining	15	0813-027	1	1	Gear, Idler - Water Pump - Drive
8	0813-043	1	1	Gear, Driven	16	0831-040	1	1	Ring, Retaining



TRANSMISSION ASSEMBLY

0744-238

Ref	Part No.	New Qty	Description	Ref	Part No.	New Qty	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-231	1	Belt, Drive
2	0823-176	3	● Shoe, Cam	17	0823-156	1	Face, Fixed Drive
3	0823-177	3	● Screw, Machine	18	0823-015	1	Spacer, Fixed Drive Face
4	0823-178	1	● Nut, Driven Pulley	19	0470-531	1	O-Ring
5	0832-010	1	Bearing	20	0830-188	1	Seal, Clutch Housing - Right
6	0830-176	1	Seal	21	0832-047	1	Bearing
7	0823-020	1	Retainer, Bearing	22	0823-261	1	Housing, Clutch
8	0826-031	2	Screw, Machine	23	0826-029	2	Screw, Machine
9	0827-010	1	Nut	24	0822-010	2	Retainer, Bearing
10	0828-106	1	Washer	25	0830-189	1	Seal, Clutch Housing - Left
11	0823-008	1	Plate, Movable Drive Face	26	0827-011	1	Nut
12	0823-010	4	Damper, Movable Drive Face	27	0823-018	1	Clutch, One-Way
13	0823-265	1	Spacer, Movable Drive Face	28	0823-310	1	Clutch, Centrifugal - 6 Plate
14	0823-170	8	Roller, Movable Drive Face	29	0823-292	1	Spacer
15	0823-159	1	Face, Movable Drive				

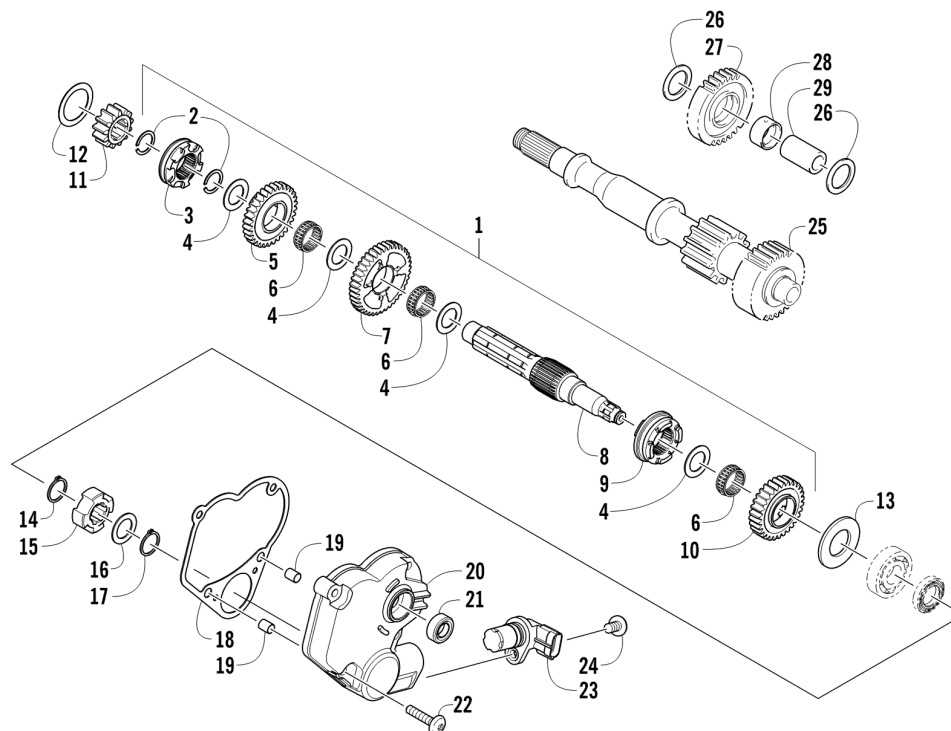


SECONDARY TRANSMISSION ASSEMBLY

(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

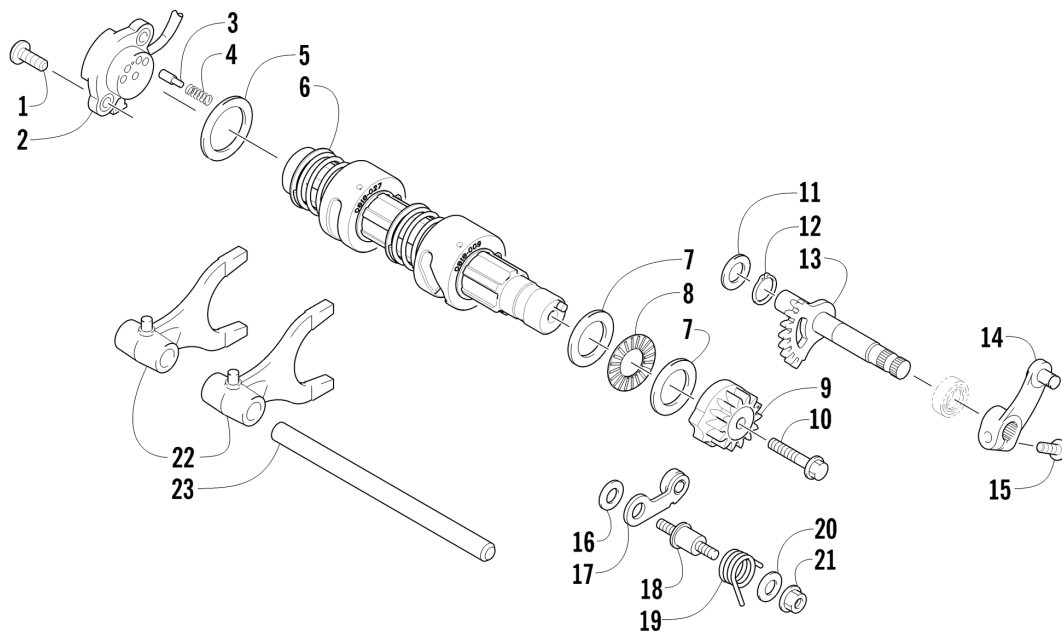


SECONDARY TRANSMISSION ASSEMBLY

(Engine Serial No. 40010070 and Up)

0745-540

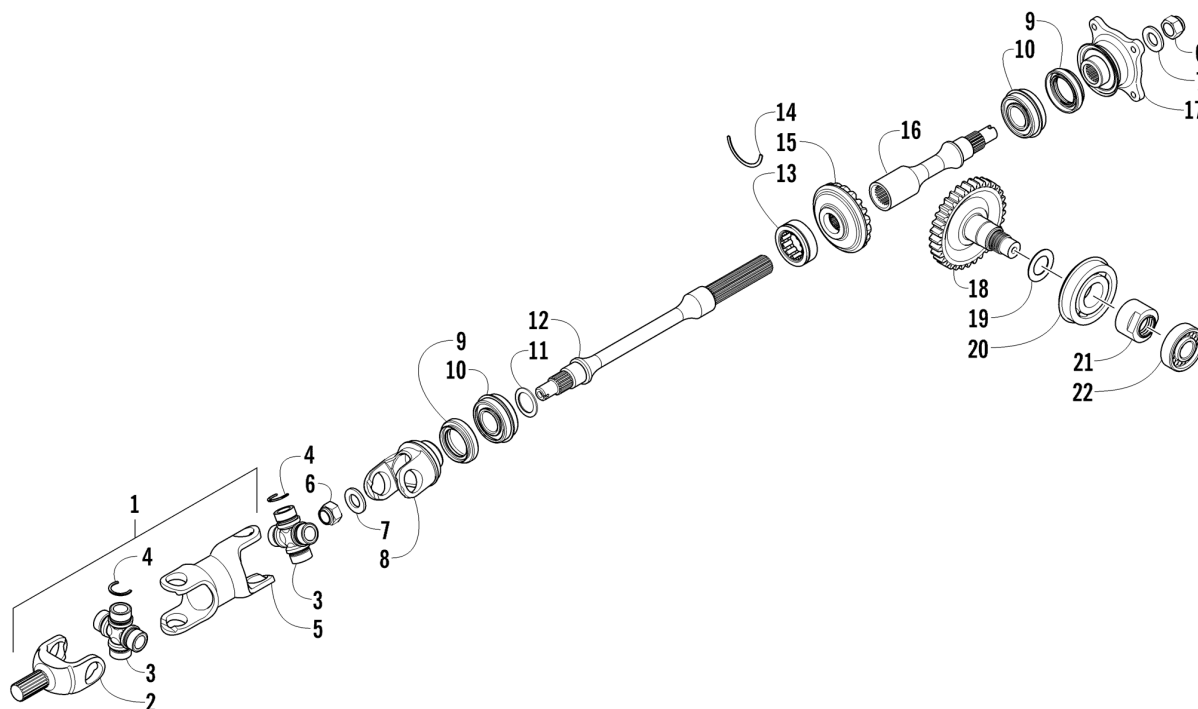
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0822-124	X	1	Countershaft Assembly (inc. 2-10)	16	0828-069		1	Washer, Thrust
2	0831-085	X	2	● Ring, Retaining	17	0831-039		1	Ring, Retaining
3	0822-120	X	1	● Gear Select, Reverse	18	0830-194		1	Gasket
4	0822-121	X	4	● Shim	19	0829-048	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

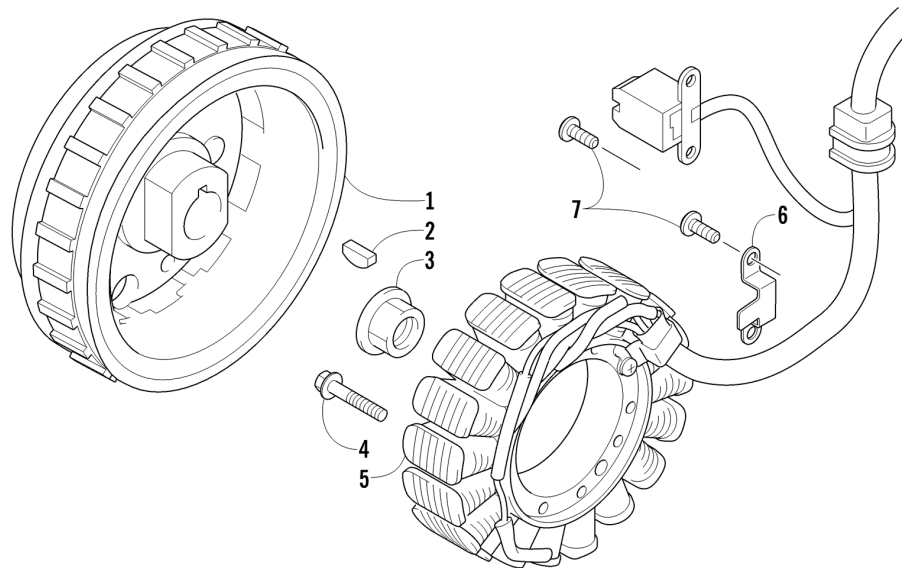
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8470-516		2	Screw, Machine	13	0818-095		1	Shaft, Sub-Gear Shift
2	0409-091		1	Switch, Gear Position	14	0818-014		1	Arm, Shift
3	0818-013		2	Contact	15	8468-620		1	Screw, Machine
4	0818-017		2	Spring	16	0828-038		1	Washer
5	0828-040		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					



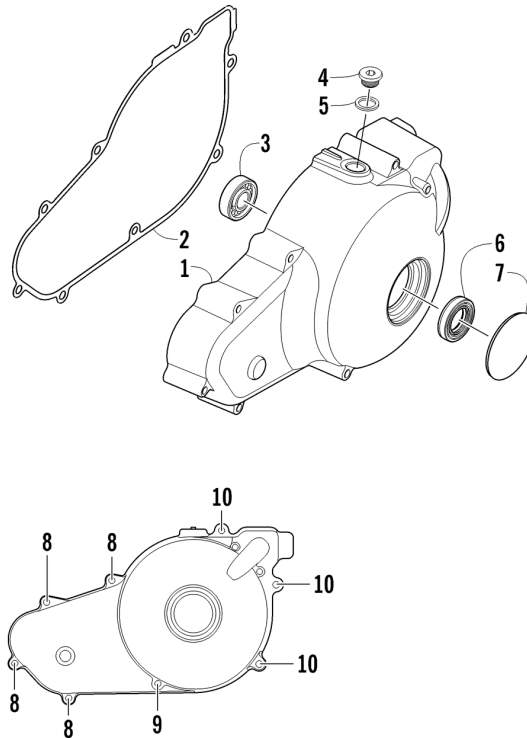
SECONDARY DRIVE ASSEMBLY

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					



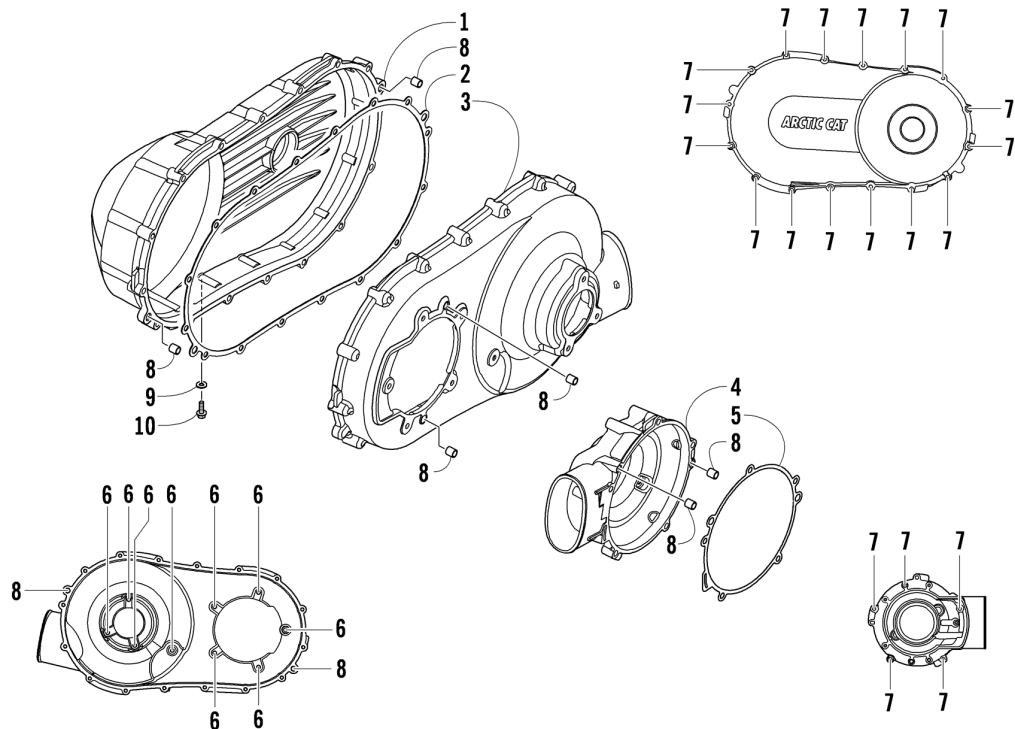
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0802-042		1	Rotor/Flywheel	5	0802-041		1	Stator - Assembly
2	0829-012		1	Key	6	0831-064		1	Clamp
3	0827-010		1	Nut	7	8470-510		4	Screw, Machine
4	8409-632	X	3	Screw, Cap					



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

