

# 2012 ROV

## ILLUSTRATED PARTS MANUAL

**Prowler XTZ**



**Model Number U2012P4W1PUSV**  
**Model Number U2012P4W1POSV**

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## 2012 Prowler XTZ

Orange (Model No. U2012P4W1PUSY)

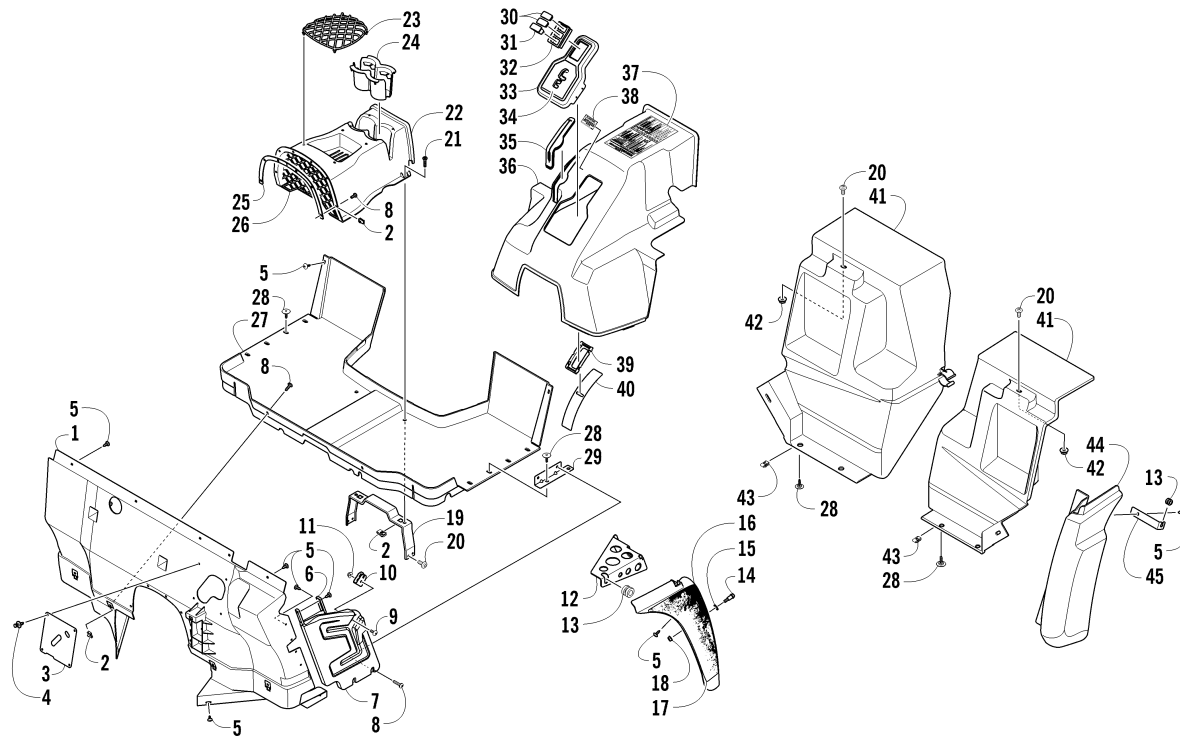
Orange - International (Model No. U2012P4W1POSY)

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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.

## 0745-999

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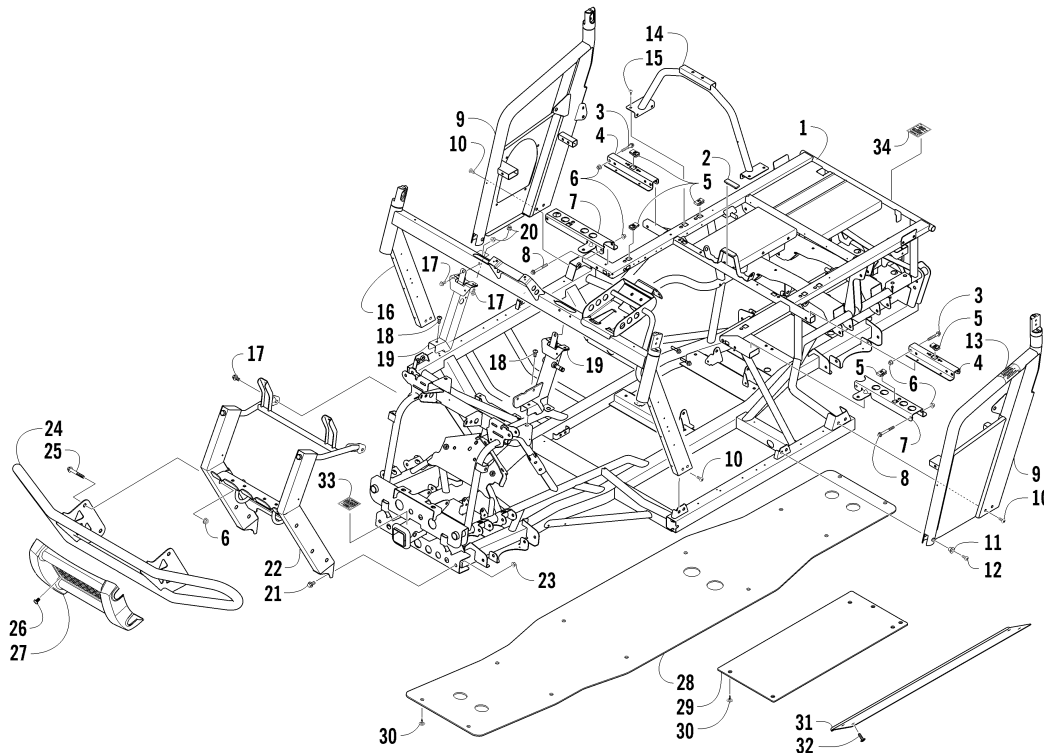
## CONSOLE AND FLOOR PANEL ASSEMBLY

0746-007

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-021		1	Panel, Fender - Inner	24	2416-109		1	Insert, Cupholder
2	0423-577		15	Clip, U-Nut	25	0417-019		1	Foam, Console
3	0405-427		1	Boot, Steering	26	0417-018		1	Foam, Console
4	0623-362		4	Rivet, Reinstallable	27	2416-085		1	Floor
5	0623-784		40	Screw, Self-Tapping	28	0423-545		12	Screw, Shoulder
6	4506-596	X	2	Cap, Reinforcement	29	4506-260		1	Bracket, Side Panel - Right
7	2416-848	X	2	Panel, Side		4506-261		1	Bracket, Side Panel - Left
8	8468-625		16	Screw, Machine	30	0409-070		2	Plug, Switch-Hole
9	0423-419		4	Screw, Machine	31	0409-071		1	Switch, Reverse Override
10	2416-846	X	2	Latch, Side Restraint	32	0409-069		1	Panel, Switch-Mount
11	0423-540		4	Nut, Lock	33	1502-520		1	Gate, Shift (inc. 34)
12	2506-066		1	Bracket, Support - Right	34	1411-985		1	● Decal, Shift Gate
	2506-067		1	Bracket, Support - Left	35	2406-960		1	Boot, Parking Brake Lever
13	0423-447		4	Grommet	36	2406-951		1	Console, Center
14	0623-855		2	Screw, Shoulder	37	2411-879	X	1	Decal, Warning - Console
15	8050-217		2	Washer	38	2411-094		1	Decal, Brake Lever
16	2516-182		1	Fender, Front - Right - Black	39	1402-793		1	Slide, Shift Gate
	2516-183		1	Fender, Front - Left - Black	40	1402-794		1	Slide, Shift
17	2411-804	X	1	Decal, Front Fender - Right	41	2416-018		1	Panel, Splash - Right
	2411-805	X	1	Decal, Front Fender - Left		2416-019		1	Panel, Splash - Left
18	8048-366		2	Nut, Lock	42	8424-602		2	Nut
19	2516-313		1	Bracket, Support	43	0423-466		4	Clip, U-Nut
20	8476-616		6	Screw, Machine	44	2516-194		1	Fender, Rear - Lower - Right - Black
21	8468-670		2	Screw, Machine		2516-195		1	Fender, Rear - Lower - Left - Black
22	2416-081		1	Console - Front	45	2516-326		2	Bracket, Fender Support - Lower
23	2416-111		1	Net, Storage					

## 0746-010

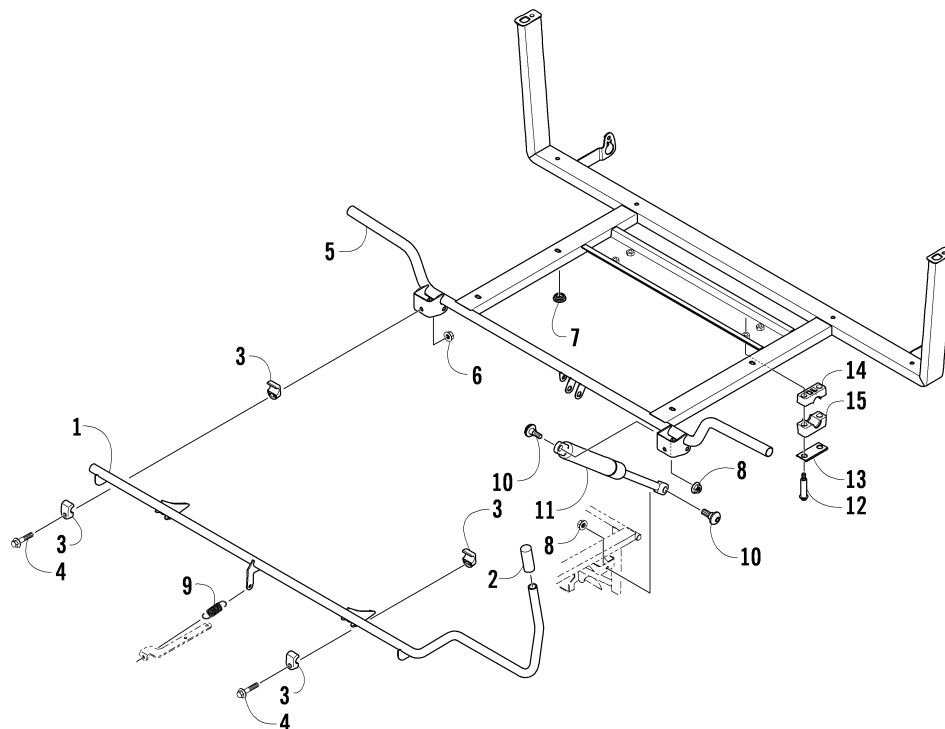
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## FRAME AND RELATED PARTS

0746-012

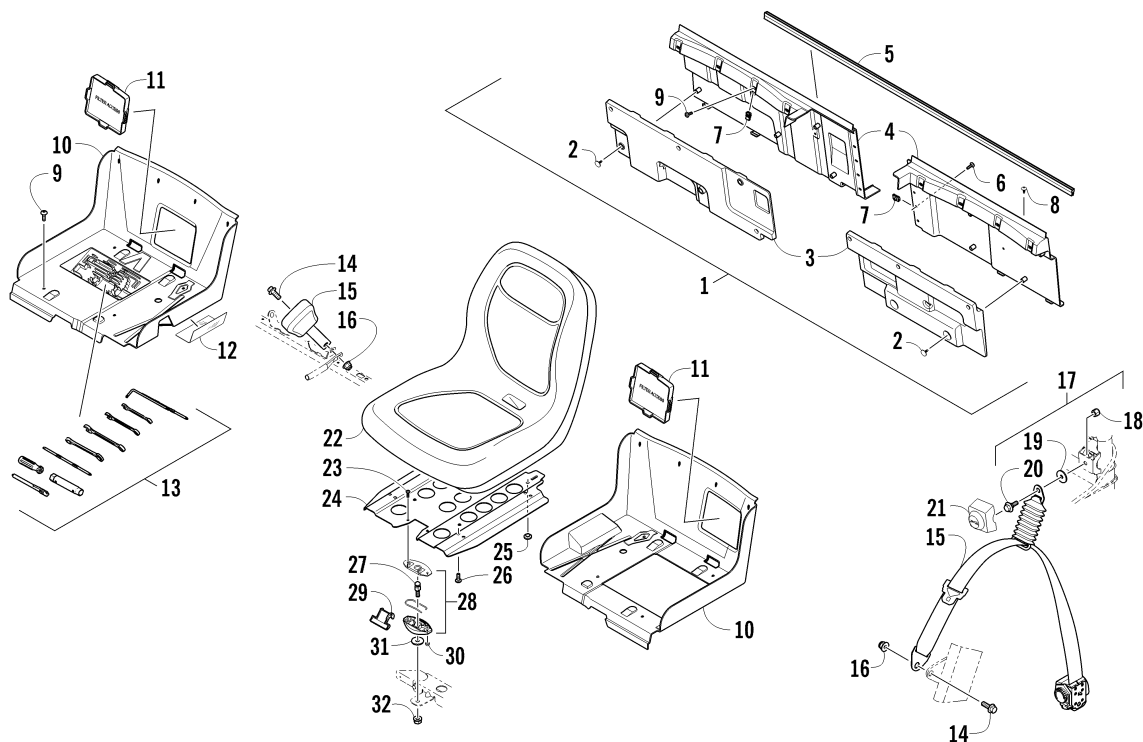
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-616	X	1	Frame, Main (inc. 2)	18	8476-820		2	Screw, Machine
2	0406-879		1	● Bumper, Seat	19	0505-688		1	Bracket, Steering Support - Right
3	8408-850		6	Screw, Cap		1502-930	X	1	Bracket, Steering Support - Left
4	1506-842		2	Bracket, Seat Support - Rear	20	8424-802		6	Nut
5	0423-577		12	Clip, U-Nut	21	8409-020		2	Screw, Cap
6	8427-802		14	Nut, Lock	22	2516-556		1	Bracket, Mounting - Bumper
7	2516-644		1	Bracket, Seat Support - Front - Right	23	8427-002		2	Nut, Lock
	2516-645		1	Bracket, Seat Support - Front - Left	24	2506-779		1	Bumper
8	8408-870		4	Screw, Cap	25	8408-860		4	Screw, Cap
9	4506-506		1	Support, Overhead - Right	26	8477-616		4	Screw, Machine
	4506-507		1	Support, Overhead - Left	27	2406-713		1	Fascia, Bumper - Front
10	0423-817		8	Screw, Machine	28	2416-076		1	Plate, Skid - Center
11	1423-051		2	Spacer	29	1406-721		2	Panel, Belly - Side
12	0423-886		2	Screw, Machine	30	0423-545		20	Screw, Shoulder
13	2411-522		1	Decal, Warning - ROPS	31	2506-612		2	Plate, Skid - Side
14	2506-638		1	Support, ROPS	32	0423-849		8	Screw, Self-Tapping
15	8476-616		4	Screw, Machine	33	1411-122		1	Decal, Warning - Towing - Front
16	4506-019		1	Support, Steering	34	1411-123		1	Decal, Warning - Towing - Rear
17	8408-820		8	Screw, Cap					



## TILT FRAME ASSEMBLY

0743-177

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2506-919		1	Rod, Cargo Box Latch	9	2416-086		1	Spring
2	1406-736		1	Grip, Latch Rod	10	0423-356		2	Screw, Shoulder
3	1406-674		4	Bushing, Pivot	11	2506-194		1	Support, Lift
4	8408-840		2	Screw, Cap	12	0423-505		4	Screw, Shoulder
5	2506-197		1	Frame, Box	13	0405-166		2	Cap, Housing
6	8427-802		2	Nut, Lock	14	0405-138		2	Housing, Lower
7	0423-628		4	Grommet	15	0405-139		2	Housing, Upper
8	8427-602		2	Nut, Lock					

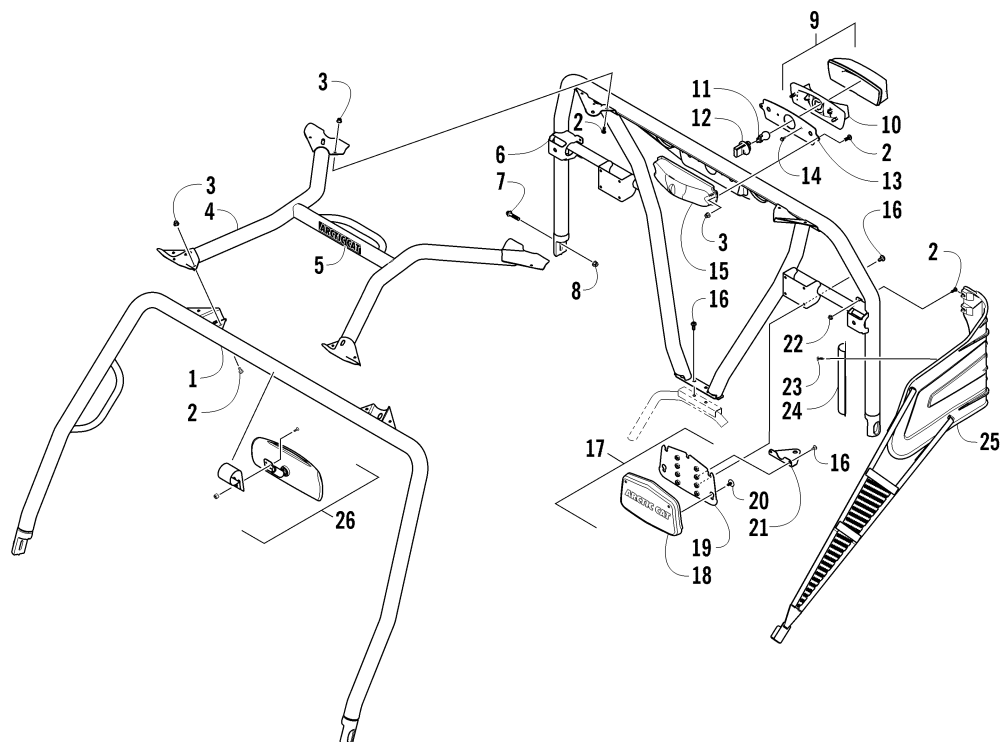


## SEAT ASSEMBLY

0746-199

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-094		1	Panel, Seat - Assembly (inc. 2-6 and five No. 7)	15	2516-325		2	Belt, Seat
2	0623-544		11	● Clip, Retaining	16	8427-002		6	Nut, Lock
3	2516-146		1	● Panel, Seat - Front Right	17	0423-915		2	Screw, Shoulder - Assembly (inc. 18-20)
	2516-147		1	● Panel, Seat - Front Left	18	—		2	● Nut, Lock - Not a Service Part
4	2406-912		1	● Panel, Seat - Rear Right	19	—		2	● Washer - Not a Service Part
	2406-913		1	● Panel, Seat - Rear Left	20	—		2	● Screw, Shoulder - Not a Service Part
5	2406-915		1	● Seal, Seat Panel	21	2416-638		2	Cover, Seat Belt
6	8476-620		5	● Screw, Machine	22	1506-925		2	Seat, Low-Back
7	0423-577		13	● Clip, U-Nut	23	8468-620		4	Screw, Machine
8	0623-784		3	Screw, Self-Tapping	24	2506-780		2	Plate, Base - Seat
9	8477-620		16	Screw, Machine	25	0406-877		8	Bumper, Seat
10	2406-910		1	Base, Seat - Right	26	8468-820		8	Screw, Machine
	2406-911		1	Base, Seat - Left	27	0423-559		2	Stud, Latch - Seat
11	2416-091		2	Cover, Access - Air Filter	28	2706-164		2	Latch - Assembly (inc. 298)
12	0412-560	AR		Foil, Protective	29	2606-854		2	● Lever, Release - Seat Latch
13	0444-122		1	Tool Kit - Assembly	30	0623-038		4	Nut w/Washer
14	8408-020		6	Screw, Cap	31	0423-073		2	Washer
					32	8424-002		2	Nut

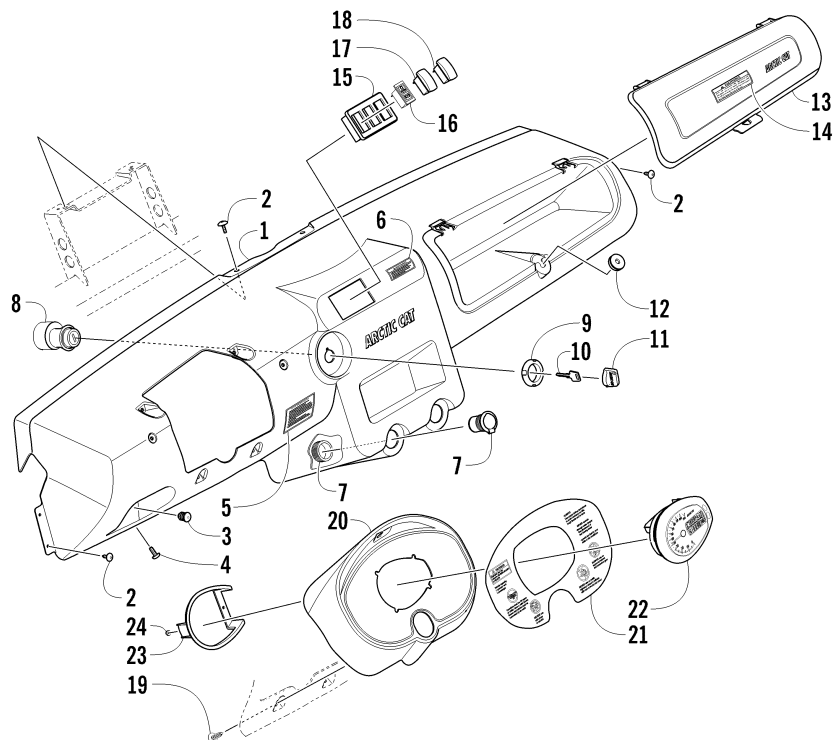




## ROPS AND TAILLIGHT ASSEMBLY

0745-960

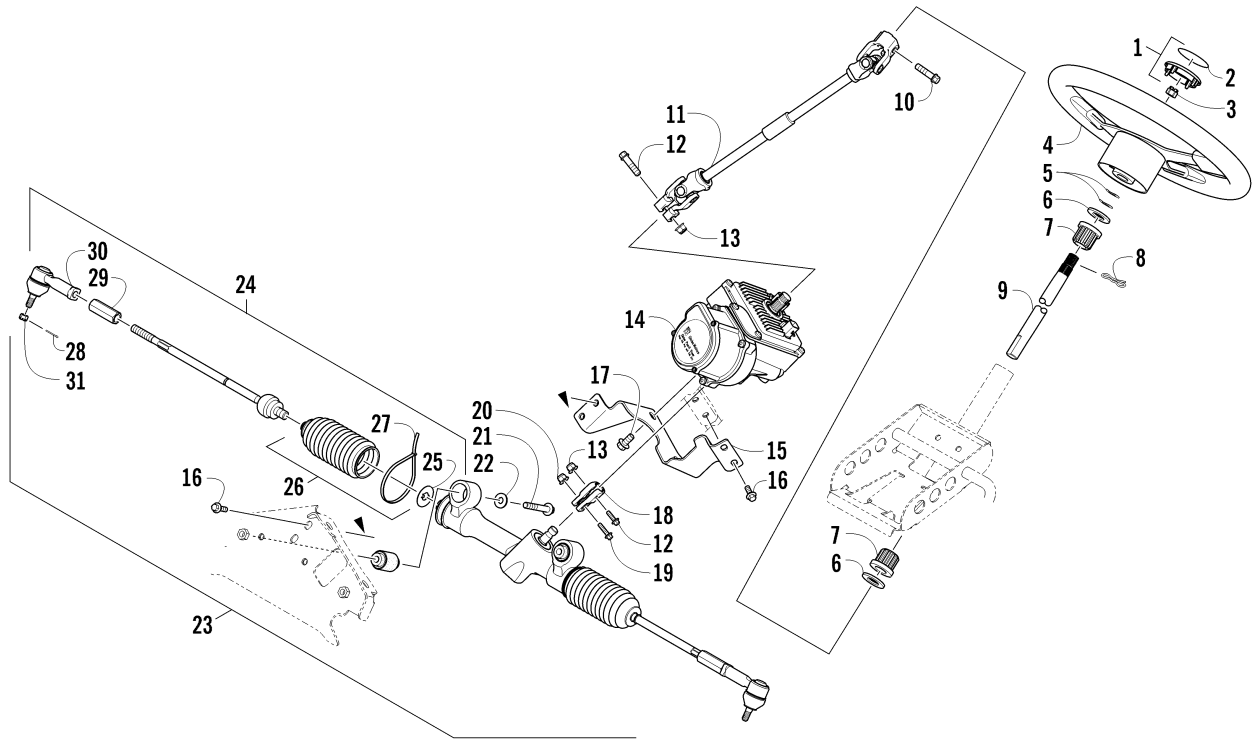
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	2516-653		1	Tube, ROPS - Front	15	2516-893		1	Cover, Taillight
2	8468-616		14	Screw, Machine	16	0423-361		10	Screw, Machine
3	8427-602		10	Nut, Lock	17	1506-795		2	Pad, Headrest - Assembly (inc. 18-20)
4	2516-658		1	Support, ROPS	18	1406-884		2	● Pad, Headrest
5	0411-501		1	Decal, "Arctic Cat"	19	1506-722		2	● Mount, Headrest
6	2516-656		1	Tube, ROPS - Rear	20	0623-544		10	● Clip, Retaining
7	8410-835		8	Screw, Cap	21	4506-296		1	Bracket, Mounting - Flag
8	8432-802		8	Nut, Lock	22	8424-602		4	Nut
9	0509-022		1	Taillight Assembly (inc. 10-12)	23	0623-784		8	Screw, Self-Tapping
10	0509-025		1	● Housing, Taillight	24	4506-149		2	Bracket, Mounting - Side Restraint
11	0409-056		1	● Bulb, Taillight	25	0517-146	X	1	Restraint, Side - Right
12	0409-057		1	● Socket, Taillight		0517-147	X	1	Restraint, Side - Left
13	2406-069		1	Bracket, Taillight Mounting	26	1436-414		1	Kit, Mirror
14	0623-301		2	Screw, Self-Tapping					



## DASH ASSEMBLY

0745-936

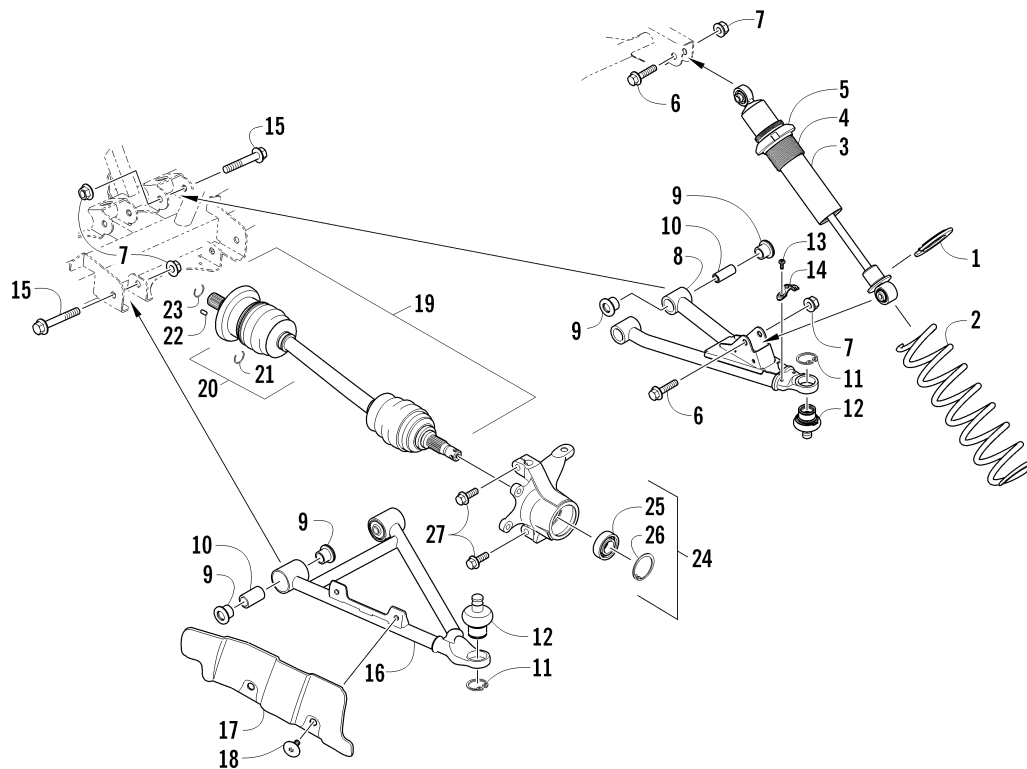
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	4506-357		1	Panel, Dash	12	0423-541		1	Grommet, Latch - Glove Box
2	0623-784		8	Screw, Self-Tapping	13	4506-420		1	Cover, Glove Box (inc. 14)
3	1623-697		1	Plug	14	2411-512		1	● Decal, Warning - Passenger
4	0423-419		3	Screw, Machine	15	0409-069		1	Panel, Switch-Mount
5	1411-904		1	Decal, Starting	16	0420-111		1	Light, Indicator
6	1411-124		1	Decal, Warning - Differential Lock	17	0409-067		1	Switch, Light
7	0641-897		2	Outlet, Accessory - 12V	18	0409-061		1	Switch, 2WD/4WD/Differential Lock
8	0430-089		1	Switch, Ignition (inc. 9-11)	19	0423-342		6	Screw, Self-Tapping
9	0430-050		1	● Nut, Retaining	20	1406-727		1	Pod, Instrument
10	0430-042		1	● Key, Ignition - Series (Y Series - Left-Side Cut)	21	1411-125		1	Decal, Warning - Dash
	0430-043		1	● Key, Ignition - Series (Z Series - Right-Side Cut)	22	0520-159	X	1	Gauge, Analog/LCD
11	0430-054		1	● Cover, Key	23	0420-065		1	Bracket, Retaining
					24	0423-493		2	Nut w/Washer



## STEERING ASSEMBLY

0746-015

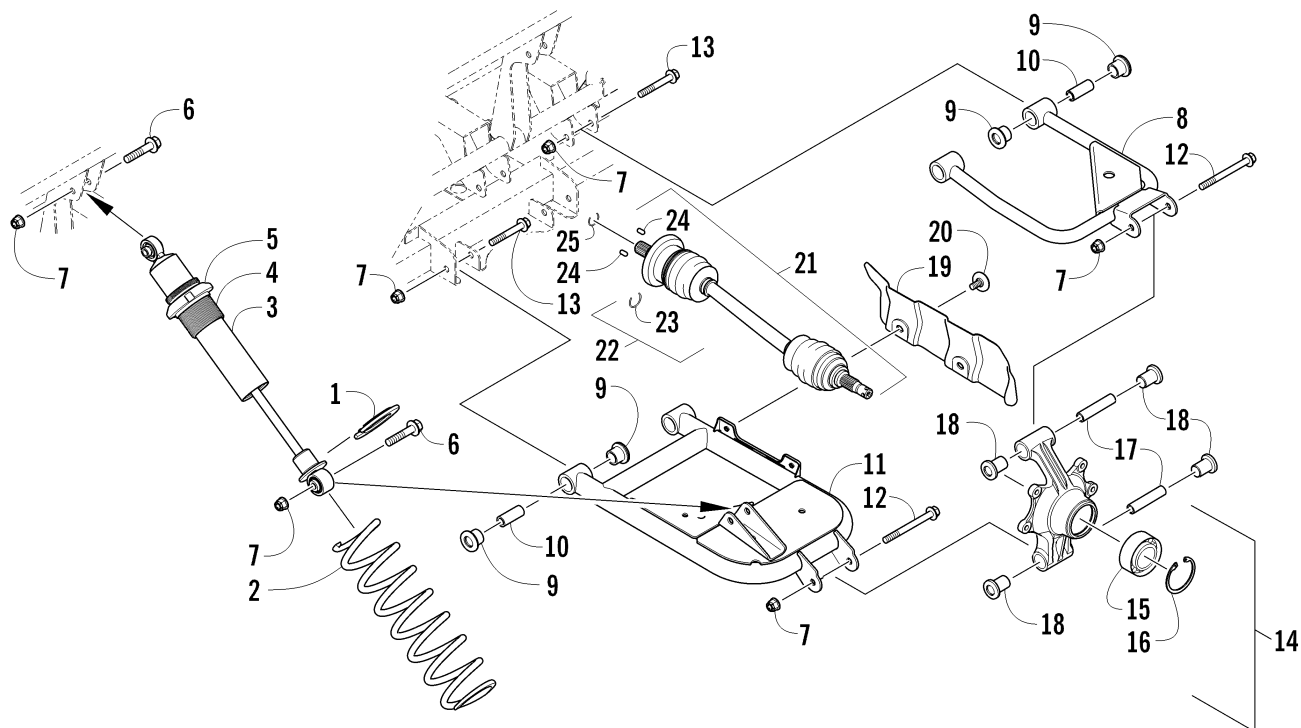
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0505-690		1	Cap, Steering Wheel (inc. 2)	17	8409-020		4	Screw, Cap
2	1411-798		1	● Decal, Steering Wheel	18	0405-440	X	1	Coupler, Steering
3	0423-884		1	Nut	19	1423-053		1	Screw, Cap
4	0405-398		1	Wheel, Steering - Assembly	20	8427-802		1	Nut, Lock
5	0828-071		2	Washer	21	8408-070		2	Screw, Cap
6	0423-558		2	Washer	22	0623-728		2	Washer
7	0405-155		2	Bushing	23	0505-689		1	Housing, Rack and Pinion (inc. 24-30)
8	1423-045		1	Clip, Retaining	24	0505-719		2	● Tie Rod - Assembly (inc. 25-30)
9	0405-321		1	Shaft, Upper Steering	25	0405-428		2	●● Plate, Retaining
10	1423-047		1	Screw, Cap	26	0505-745		2	●●● Kit, Tie Rod Boot (inc. 27-28)
11	0405-435	X	1	Shaft, Steering - Assembly	27	0123-903		2	●●● Tie, Cable - 11.5 in.
12	1423-076	X	2	Screw, Cap	28	0623-175		2	●●● Pin, Cotter
13	8427-602		2	Nut, Lock	29	0505-744		2	●● Kit, Nut (inc. 28)
14	0505-769	X	1	Assembly, Electronic Power Steering	30	0505-743		2	●● Kit, Tie Rod End (inc. 28)
15	4506-152		1	Bracket, Mounting	31	0423-072		2	Nut
16	8408-816		4	Screw, Cap					



## FRONT SUSPENSION ASSEMBLY

0745-671

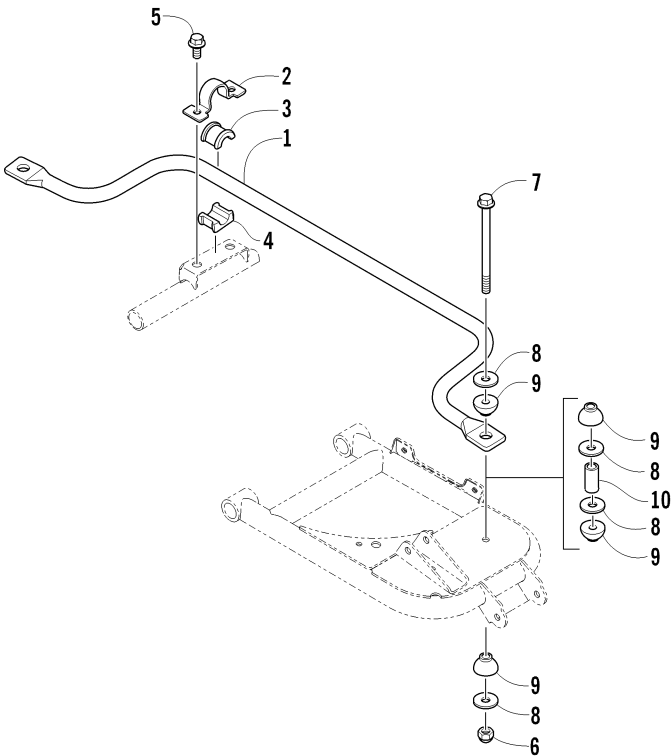
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-920		2	Retainer, Spring	16	0503-376		1	A-Arm, Lower Right - Black (inc. 9-12)
2	0503-437		2	Spring, Suspension - White		0503-377		1	A-Arm, Lower Left - Black (inc. 9-12)
3	0403-215		2	Shock Absorber (inc. 4)	17	1406-034		1	Guard, Boot - Right - Black
4	0423-917		2	● Sleeve, Shock - Threaded		1406-035		1	Guard, Boot - Left - Black
5	0423-919		2	Nut, Spring Retainer	18	0423-545		4	Screw, Shoulder
6	8409-055		4	Screw, Cap	19	1502-803		1	Axle - Front - Right (inc. 20-23)
7	8428-002		12	Nut, Lock		1502-802		1	Axle - Front - Locking - Left (inc. 20-23)
8	0503-432		1	A-Arm, Upper Right - Black (inc. 9-12)	20	1436-419		2	● Repair Kit, Boot (inc. 21)
	0503-433		1	A-Arm, Upper Left - Black (inc. 9-12)	21	1441-988		2	● Clip, Retaining
9	0403-208		16	● Bushing	22	1402-885		4	● Pin, Detent
10	0403-214		8	● Axle	23	1402-889		2	● Clip, Retaining
11	0423-009		4	● Ring, Retaining	24	0505-580		1	Knuckle - Assembly - Right (inc. 25-26)
12	0405-115		4	● Ball Joint		0505-581		1	Knuckle - Assembly - Left (inc. 25-26)
13	0423-946		4	Screw, Self-Tapping	25	1402-809		2	● Bearing
14	1502-594		2	Clamp, Routing	26	0423-423		2	● Ring, Retaining
15	8409-075		8	Screw, Cap	27	0423-998		4	Screw, Shoulder



## REAR SUSPENSION ASSEMBLY

0745-672

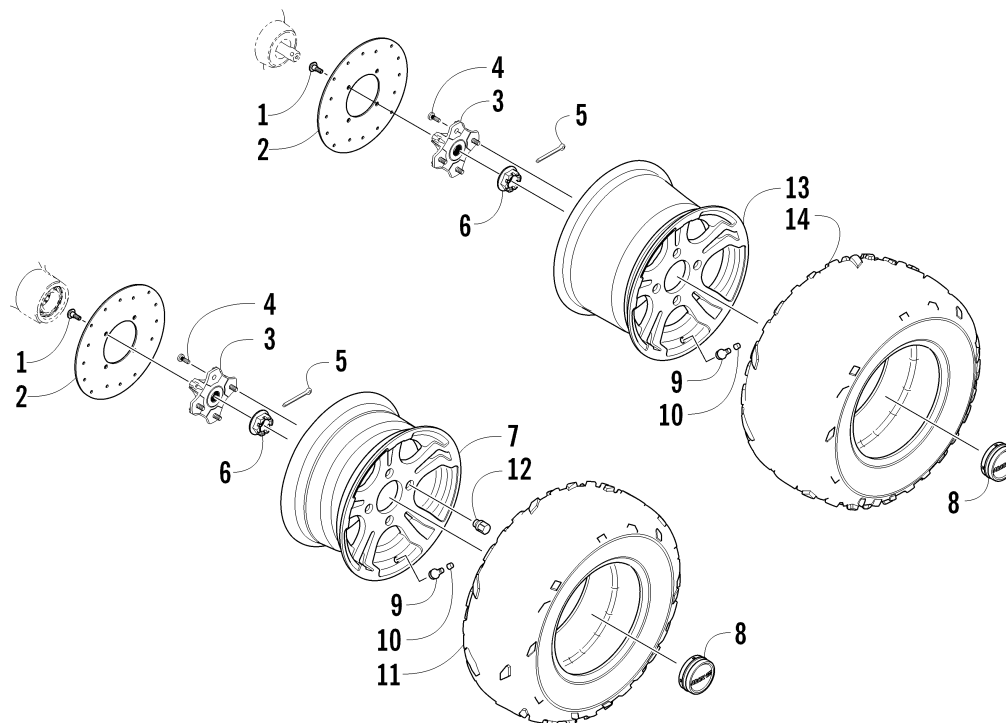
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-920	2		Retainer, Spring	12	8409-000	4		Screw, Cap
2	0504-629	2		Spring, Suspension - White	13	8409-075	8		Screw, Cap
3	0404-182	2		Shock Absorber (inc. 4)	14	0504-613	2		Knuckle, Rear - Assembly (inc. 15-18)
4	0423-917	2		● Sleeve, Shock - Threaded	15	1402-809	2		● Bearing
5	0423-919	2		Nut, Spring Adjuster	16	0423-423	2		● Ring, Retaining
6	8409-060	4		Screw, Cap	17	0403-213	4		● Axle
7	8428-002	16		Nut, Lock	18	0403-206	8		● Bushing
8	0504-598	1		A-Arm, Rear - Upper Right - Black (inc. 9-10)	19	1406-068	1		Guard, Boot - Right - Black
	0504-599	1		A-Arm, Rear - Upper Left - Black (inc. 9-10)		1406-069	1		Guard, Boot - Left - Black
9	0403-208	16		● Bushing	20	0423-545	4		Screw, Shoulder
10	0403-214	8		● Axle	21	1502-801	2		Axle, Drive (inc. 22-25)
11	0504-592	1		A-Arm, Rear - Lower Right - Black (inc. 9-10)	22	1436-419	2		● Repair Kit, Boot (inc. 23)
	0504-593	1		A-Arm, Rear - Lower Left - Black (inc. 9-10)	23	1441-988	2		● Clip, Retaining
					24	1402-884	4		● Pin, Detent
					25	1402-890	2		● Clip, Retaining



SWAY BAR ASSEMBLY

0744-233

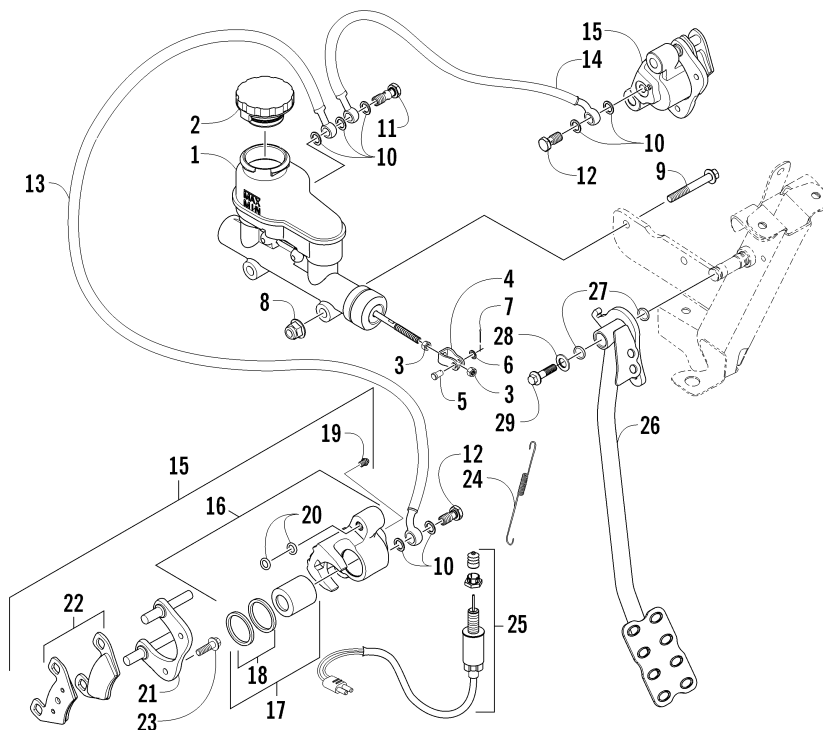
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0404-110		1	Bar, Sway	6	8422-002		2	Nut, Lock
2	0404-135		2	Clamp, Sway Bar Bushing	7	0423-335		2	Screw, Cap
3	0404-094		2	Bushing, Sway Bar - Upper	8	0423-073		8	Washer
4	0404-095		2	Bushing, Sway Bar - Lower	9	1402-434		8	Bushing
5	8409-016		4	Screw, Cap	10	0423-620		2	Spacer



## WHEEL AND TIRE ASSEMBLY

0745-673

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0423-557		16	Screw, Shoulder	7	1402-732		2	Wheel - Front (inc. 8)
2	1436-418		2	Disc, Brake - Front	8	1402-736		4	● Cap, Wheel
	1436-164		2	Disc, Brake - Rear	9	0402-064		4	Stem, Valve (inc. 10)
3	1502-433		2	Hub, Wheel - Front (inc. 4)	10	0402-140		4	● Cap, Valve Stem
	1502-437		2	Hub, Wheel - Rear (inc. 4)	11	1402-937		2	Tire - Front
4	0402-974		16	● Stud	12	0423-618		16	Nut, Lug - Chrome
5	0423-407		4	Pin, Cotter	13	1402-918		2	Wheel - Rear (inc. 8)
6	0423-607		4	Nut, Castle	14	1402-938		2	Tire - Rear

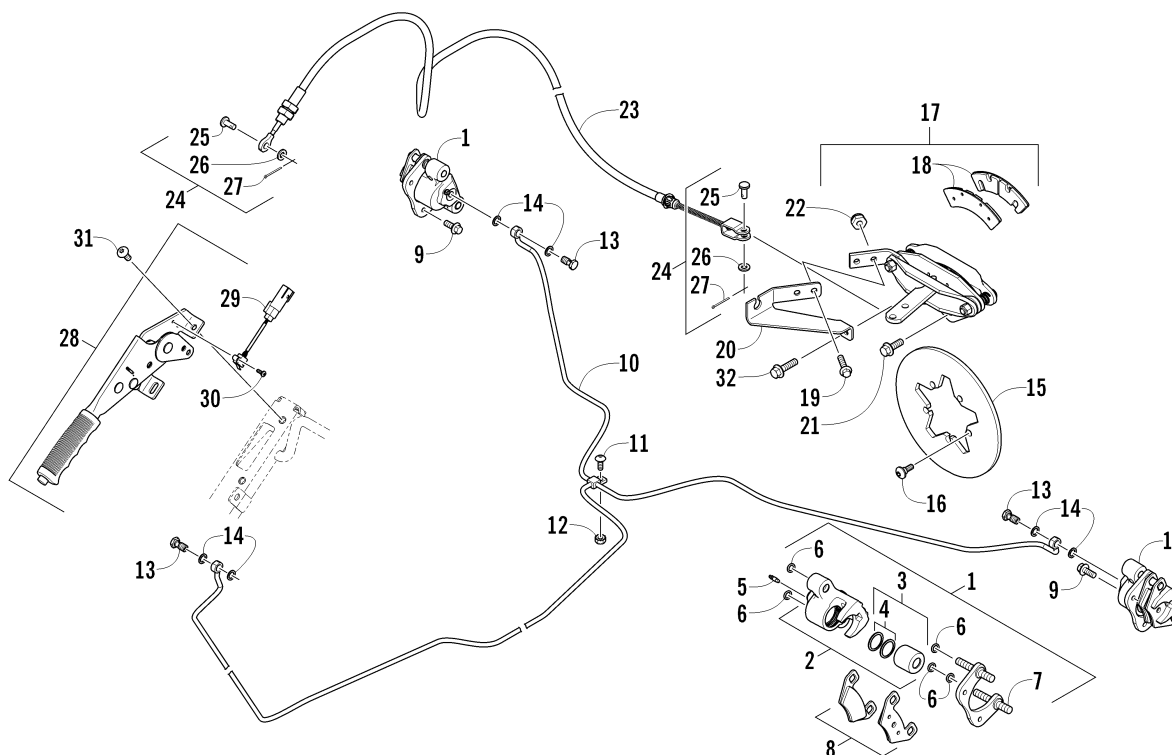


## FRONT BRAKE ASSEMBLY

0745-378

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0502-786		1	Cylinder, Master Brake - Assembly (inc. 2-4)	16	1436-160		1	● Housing, Caliper - Assembly - Front Right (inc. 17-19)
2	0405-225		1	● Cap, Reservoir		1436-161		1	● Housing, Caliper - Assembly - Front Left (inc. 17-19)
3	0402-592		2	● Nut					
4	1402-520		1	● Clevis	17	0502-606		2	●● Piston/Seal Set (inc. 18)
5	1402-377		1	Pin, Clevis	18	0502-607		2	●●● Seal Set
6	8050-217		1	Washer	19	0502-609		2	●● Valve, Bleed
7	0117-868		1	Pin, Cotter	20	0502-608		2	● O-Ring, Guide - Set
8	8424-802		2	Nut	21	0502-960		2	● Bracket Assembly
9	8408-860		2	Screw, Cap	22	1502-694		2	● Pad, Brake - Set
10	0423-178		7	Washer, Crush	23	8408-826		4	Screw, Cap
11	0423-610		1	Bolt, Double Banjo-Fitting	24	0502-785		1	Spring, Brake Switch
12	0423-413		2	Bolt, Banjo-Fitting	25	0409-089		1	Switch, Brake - Assembly
13	1402-389		1	Hose, Brake - Left	26	1502-692		1	Lever, Brake
14	1402-290		1	Hose, Brake - Right	27	1602-213		2	O-Ring
15	1502-730		1	Caliper, Brake - Front Right (inc. 16-22)	28	0623-044		1	Washer
	1502-731		1	Caliper, Brake - Front Left (inc. 16-22)	29	8408-822		1	Screw, Cap



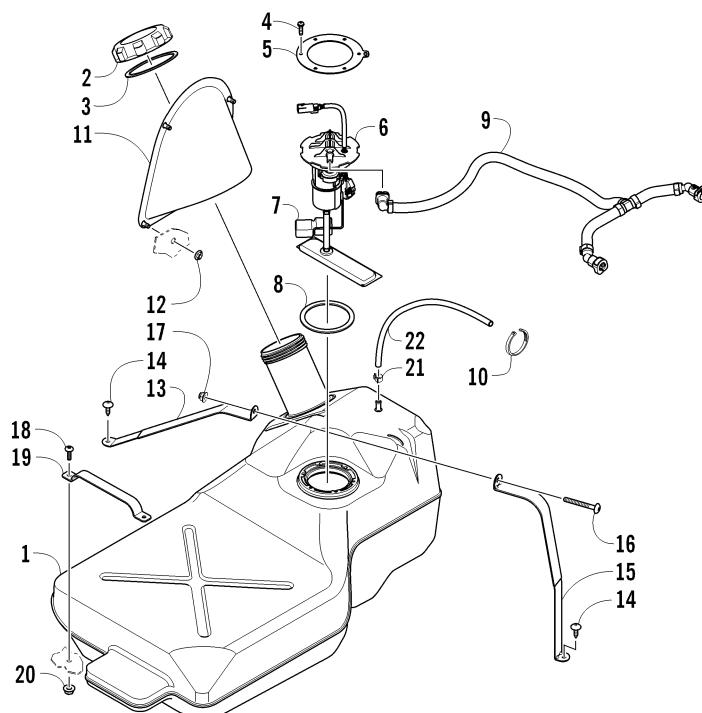


## REAR AND PARKING BRAKE ASSEMBLY

0744-136

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1436-422		1	Caliper, Brake - Right (inc. 2-8 and two No. 9)	15	1402-914		1	Disc, Brake
	1436-423		1	Caliper, Brake - Left (inc. 2-8 and two No. 9)	16	0423-557		5	Screw, Shoulder
2	1436-160		1	● Housing, Caliper - Assembly - Right (inc. 3-5)	17	1502-581		1	Caliper, Parking Brake (inc. 18)
	1436-161		1	● Housing, Caliper - Assembly - Left (inc. 3-5)	18	1502-582		1	● Pad, Brake - Set
3	0502-606		2	●● Piston/Seal Set (inc. 4)	19	8408-825		2	Screw, Cap
4	0502-607		2	●●● Seal Set	20	1502-579		1	Bracket, Mounting - Cable
5	0502-609		2	●● Valve, Bleed	21	8408-836		1	Screw, Cap
6	0502-608		2	● O-Ring, Guide - Set	22	8432-802		2	Nut, Lock
7	0502-605		2	● Bracket Assembly	23	0487-061		1	Cable, Parking Brake
8	1502-694		2	● Pad, Brake - Set	24	0423-894		2	Pin, Retaining - Assembly (inc. 25-27)
9	8408-821		4	● Screw, Cap	25	0423-989		2	● Pin
10	1402-845		1	Hose, Brake	26	0423-990		2	● Washer
11	8476-616		1	Screw, Machine	27	0423-991		2	● Pin, Cotter
12	0623-038		1	Nut w/Washer	28	1502-497		1	Lever, Parking Brake - Assembly (inc. 29-30)
13	0423-413		3	Bolt, Banjo-Fitting	29	0409-131		1	● Switch, Limiter
14	0423-178		6	Washer, Crush	30	0423-992		1	● Screw, Machine
					31	8468-820		2	Screw, Machine
					32	8408-841		1	Screw, Cap

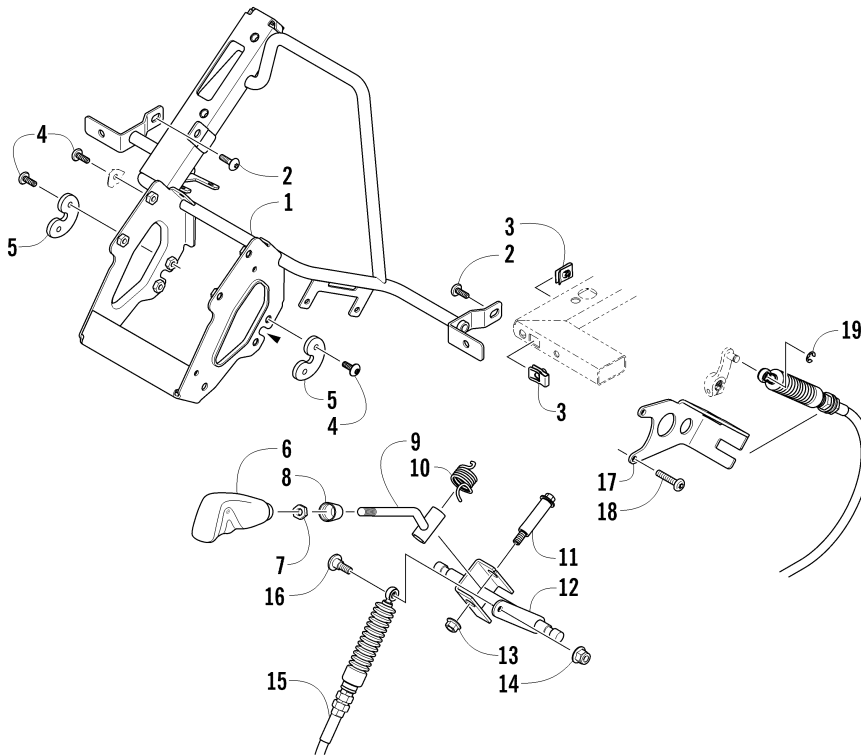
16



## GAS TANK ASSEMBLY

0745-674

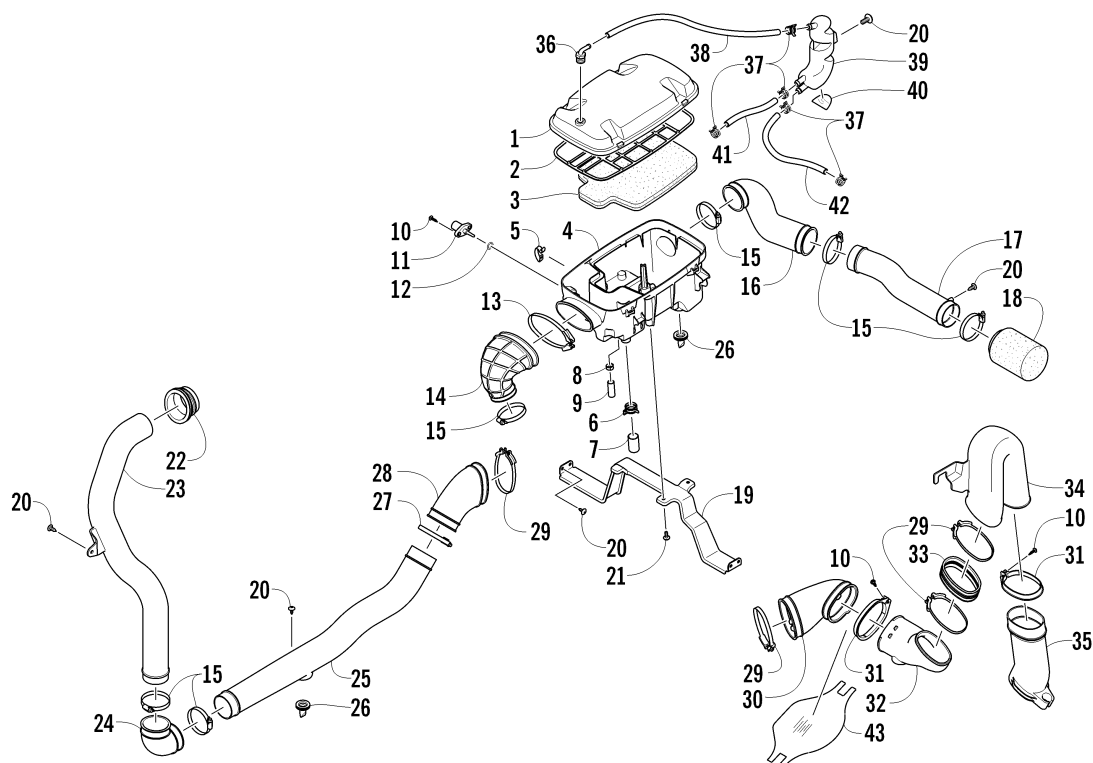
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0570-309		1	Tank, Gas - Assembly (inc. 2-5)	12	0423-357		4	Nut, Stamped
2	0470-541		1	● Cap, Gas Tank (inc. 3)	13	0470-829		1	Bracket, Hold-Down - Right
3	1670-228		1	●● Gasket, Gas Tank Cap	14	0623-784		2	Screw, Self-Tapping
4	0423-898		6	● Screw, Self-Tapping	15	0470-830		1	Bracket, Hold-Down - Left
5	2670-042		1	● Plate, Retaining	16	8476-650		1	Screw, Machine
6	0570-334		1	Pump, Fuel - Assembly (inc. 7-8)	17	8427-602		1	Nut, Lock
7	2670-235		1	● Float	18	8476-620		2	Screw, Machine
8	0470-838		1	● Seal	19	0470-544		1	Bracket, Hold-Down - Front
9	0570-293		1	Hose, Gasline	20	0623-038		2	Nut w/Washer
10	0123-788	AR		Tie, Cable - 8 in.	21	0423-688		1	Clamp, Hose
11	1406-886		1	Insert, Gas Tank Cap	22	0410-070		AR	Hose, Gasline - 25 ft



## SHIFTER ASSEMBLY

0746-202

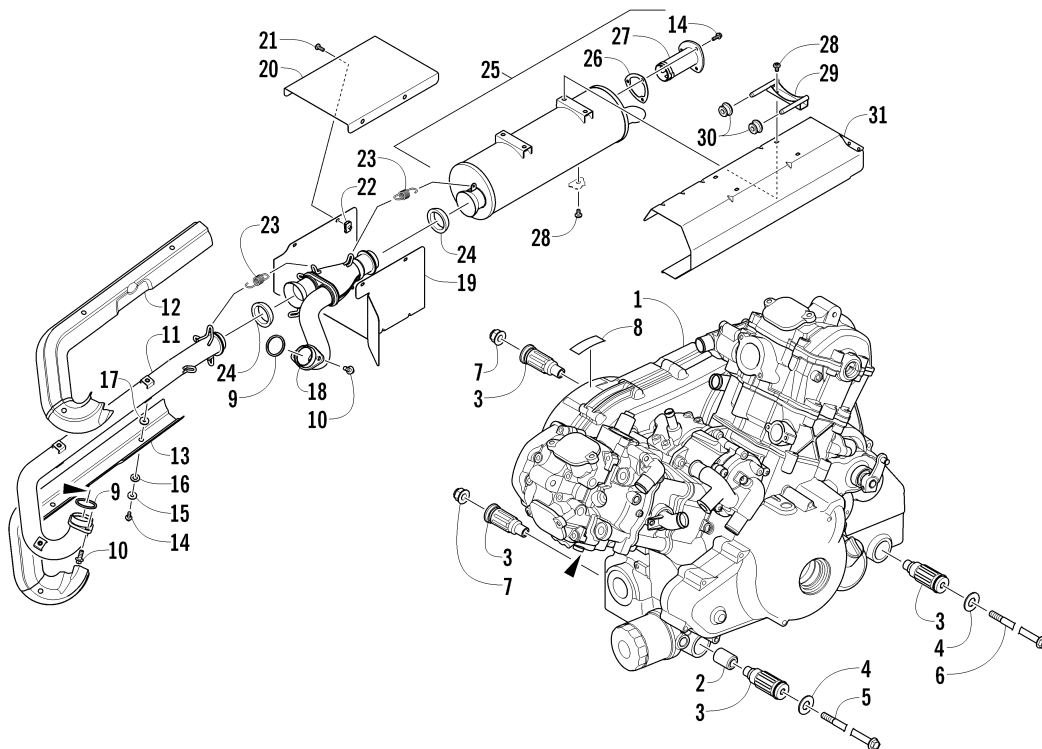
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1502-516		1	Mount, Shift	11	0423-505		1	Screw, Shoulder
2	8476-620		4	Screw, Machine	12	1502-666		1	Axle, Shift
3	0423-577		4	Clip, U-Nut	13	8424-802		1	Nut
4	8477-616		8	Screw, Machine	14	8427-602		1	Nut, Lock
5	1402-275		2	Retainer, Shift Linkage	15	0487-063		1	Cable, Shift
6	1402-844		1	Knob, Shift	16	0423-356		1	Screw, Shoulder
7	0423-885		1	Nut	17	2516-609		1	Bracket, Shift Cable
8	1402-854		1	End Cap, Shift Knob	18	8468-635		2	Screw, Machine
9	1502-510		1	Lever, Shift	19	0124-057		1	E-Ring
10	1402-880		1	Spring					



## AIR INTAKE ASSEMBLY

0745-059

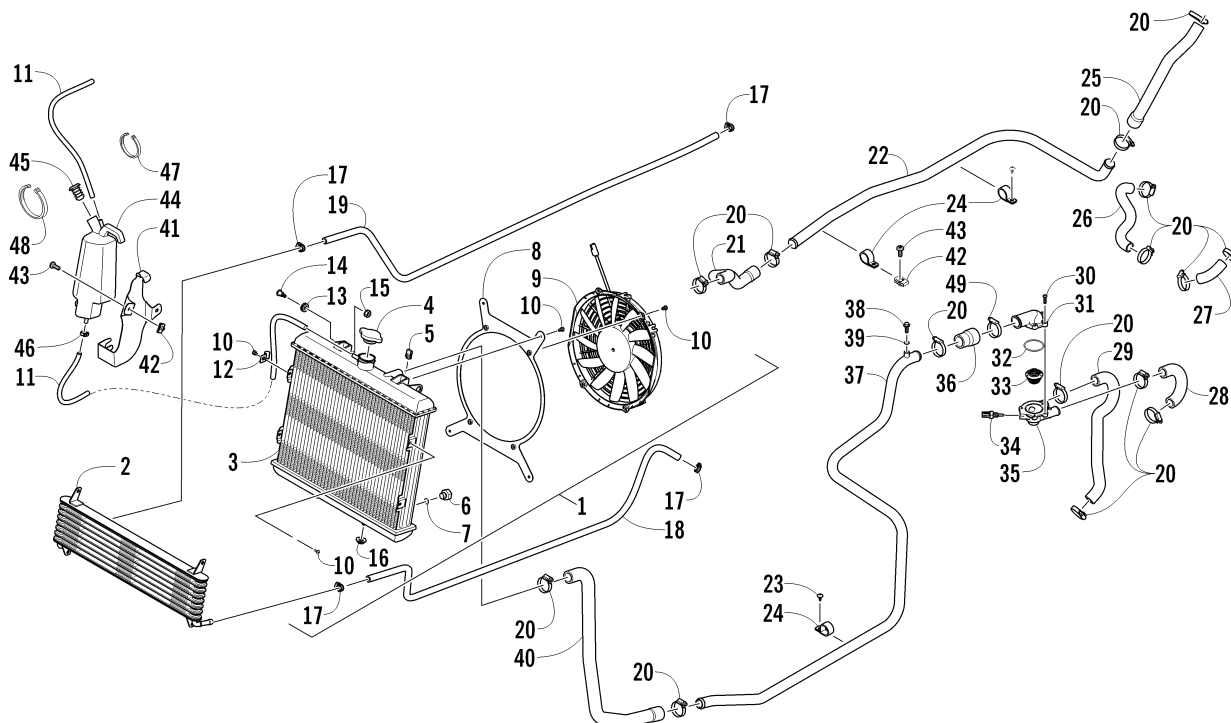
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-861		1	Cover, Air Intake	23	0413-237		1	Duct, Air-In
2	0470-560		1	Screen, Air Filter	24	0413-098		1	Boot, Air-In
3	0470-558		1	Filter, Air	25	0413-236		1	Duct, Air-In
4	0470-728		1	Housing, Air Intake	26	0470-442		2	Valve, Drain
5	0423-455		4	Clip, Spring	27	0423-018		1	Clamp
6	1623-287		1	Clamp, Hose	28	0413-233		1	Boot, Air-In
7	0423-766		1	Cap, Drain	29	0423-730		4	Clamp
8	0610-563		1	Clamp, Hose	30	0413-234		1	Boot, Air-Out
9	0470-863		1	Valve, Drain	31	0423-550		2	Clamp
10	0423-342		5	Screw, Self-Tapping	32	0413-247		1	Duct, Air-Out
11	0430-055		1	Sensor, Air Temperature (inc. 12)	33	0413-248		1	Boot, Air-Out
12	5507-224		1	● O-Ring	34	0413-235		1	Duct, Air-Out
13	0423-554		1	Clamp	35	0413-226		1	Duct, Air-Out
14	0413-225		1	Boot, Intake	36	0470-881		1	Fitting, 90°
15	0423-019		6	Clamp	37	1623-281		5	Clamp, Hose
16	0413-232		1	Duct, Intake	38	0410-187		1	Hose, Vent
17	0413-219		1	Duct, Intake	39	0470-857		1	Separator, Oil
18	0470-834		1	Filter, Intake	40	1441-822		1	Foil, Protective
19	2516-166		1	Bracket, Support	41	0410-221		1	Hose, Vent
20	0623-784		8	Screw, Self-Tapping	42	0410-220		1	Hose, Vent
21	8476-616		2	Screw, Machine	43	0412-576		1	Foil, Protective
22	2416-088		1	Boot, Air-In					



## ENGINE AND EXHAUST

0745-212

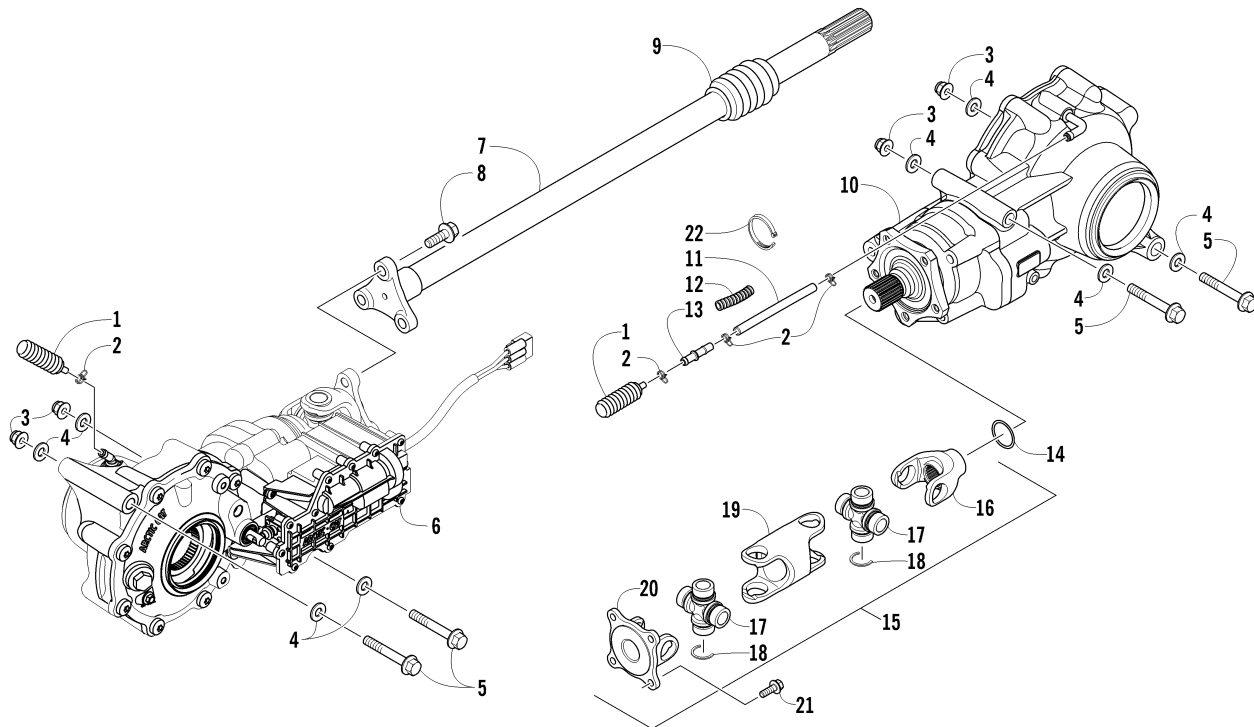
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0800-095		1	Engine, A950GH2 (inc. 2-3)	17	0423-908		6	Isolator
2	0801-128		1	● Spacer, Engine Mount	18	0512-519		1	Pipe, Exhaust - Rear
3	0801-091		4	● Mount, Engine	19	0412-543		1	Shield, Exhaust Pipe - Rear
4	0423-426		2	Washer	20	0412-561		1	Shield, Heat
5	0423-734		1	Screw, Cap	21	8476-616		4	Screw, Machine
6	0423-451		1	Screw, Cap	22	0423-577		4	Clip, U-Nut
7	8428-002		2	Nut, Lock	23	0612-668		6	Spring, Extension
8	0411-426		1	Decal, Warning - Clutch Cover	24	0412-375		2	Seal, Exhaust Pipe
9	0412-338		2	Gasket, Exhaust Pipe	25	0512-500		1	Muffler - Assembly
10	8408-820		4	Screw, Cap					(inc. 26-27 and three No. 14)
11	0512-517		1	Pipe, Exhaust - Front	26	0412-313		1	● Gasket, Spark Arrester
12	0512-528		1	Shield, Exhaust Pipe - Upper	27	0512-219		1	● Arrester, Spark - Assembly
13	0512-529		1	Shield, Exhaust Pipe - Lower	28	8476-612		6	Screw, Machine
14	8408-616		9	Screw, Cap	29	0412-553		2	Bracket, Muffler Support
15	8050-222		6	Washer	30	0412-544		4	Bushing
16	0423-909		6	Isolator	31	0412-551		1	Cover, Muffler



## COOLING ASSEMBLY

0744-674

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0513-036		1	Radiator Assembly (inc. 2-13)	26	0410-116		1	Hose, Coolant - Crossover
2	0413-241		1	● Cooler, Oil	27	0410-115		1	Hose, Coolant - Crossover
3	0413-216		1	● Radiator	28	0410-191		1	Hose, Coolant - Cylinder/Thermostat
4	0413-255		1	● Cap, Radiator	29	0410-190		1	Hose, Coolant - Cylinder/Thermostat
5	1623-637		4	● Clip, U-Nut	30	8470-520		4	Screw, Machine
6	0413-195		1	● Plug, Drain	31	0808-092		1	Cover, Thermostat
7	1602-213		1	● O-Ring	32	0830-173		1	O-Ring
8	0413-217		1	● Bracket, Mounting - Fan	33	0808-093		1	Thermostat
9	0413-123		1	● Fan, Cooling	34	0808-124		1	Sensor, Engine Coolant Temperature
10	8470-510		12	● Screw, Machine	35	0808-189		1	Housing, Thermostat
11	0610-011	AR		● Hose - 25 ft	36	0410-189		1	Hose, Coolant - Thermostat/Coolant Pipe
12	0423-351		1	● Clamp, Routing					
13	0423-030		2	● Grommet	37	0510-597	X	1	Pipe, Coolant w/Bleed Valve
14	0423-484		2	Screw, Shoulder	38	0423-984		1	Screw, Bleed
15	0623-038		2	Nut w/Washer	39	0423-921		1	O-Ring
16	0423-028		2	Bushing, Stem	40	0410-092		1	Hose, Coolant - Coolant Pipe/Radiator
17	0423-632		4	Clamp, Hose	41	0410-199		1	Bracket, Mounting - Overflow Bottle
18	0410-183		1	Hose, Oil Cooler - In	42	0423-577		3	Clip, U-Nut
19	0410-184		1	Hose, Oil Cooler - Out	43	8476-616		3	Screw, Machine
20	0423-496		15	Clamp, Hose	44	0413-086		1	Bottle, Overflow
21	0410-251	X	1	Hose, Coolant - Radiator/Coolant Pipe	45	0413-087		1	Plug
22	0410-249	X	1	Pipe, Coolant	46	0124-045		1	Clamp, Hose
23	0623-784		1	Screw, Self-Tapping	47	0623-751	AR		Cable Tie - 11.75 in.
24	0423-594		3	Clamp, Routing	48	0623-316	AR		Tie, Cable - 14 in.
25	0410-252	X	1	Hose, Coolant - Coolant Pipe/Water Pump	49	1623-093		1	Clamp, Hose

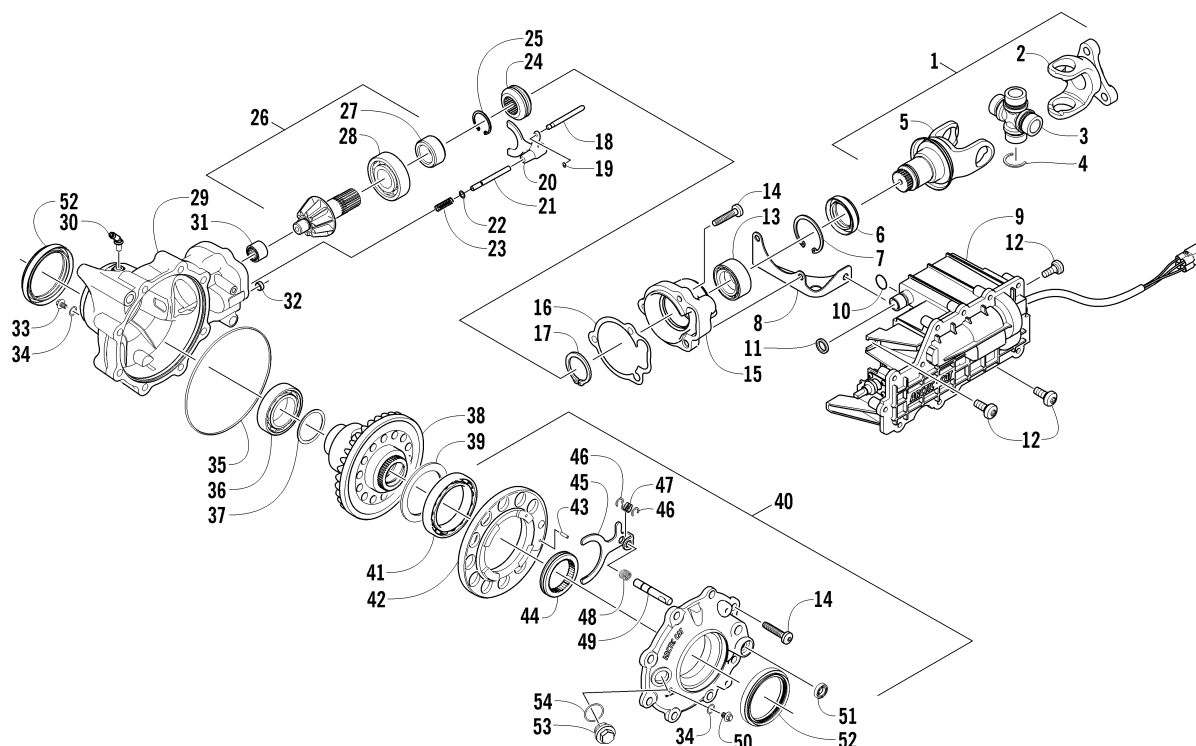


## DRIVE TRAIN ASSEMBLY

0746-017

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	1402-620		2	Bladder, Gearcase	12	0419-392		AR	Conduit, Flexible - 3 ft
2	0423-315		4	Clamp, Hose	13	0470-702		1	Fitting, Vent
3	8428-002		4	Nut, Lock	14	1402-203		1	O-Ring
4	0423-426		8	Washer	15	1502-560		1	Driveshaft, Rear - Assembly (inc. 16-20)
5	0423-404		4	Screw, Cap	16	0502-522		1	● Yoke, Slip
6	1502-890	X	1	Gearcase, Front	17	0402-944		2	● Joint, Universal (inc. 18)
7	1402-795		1	Driveshaft, Front	18	0423-395		8	●● Ring, Retaining
8	8409-025		3	Screw, Cap	19	1502-561		1	● Driveshaft, Rear
9	0402-966		1	Boot, Shaft	20	1402-689		1	● Yoke, Flange
10	1502-891	X	1	Gearcase, Rear	21	8408-820		4	Screw, Cap
11	0410-070		AR	Hose, Vent - 25 ft	22	0123-788		AR	Tie, Cable - 8 in.

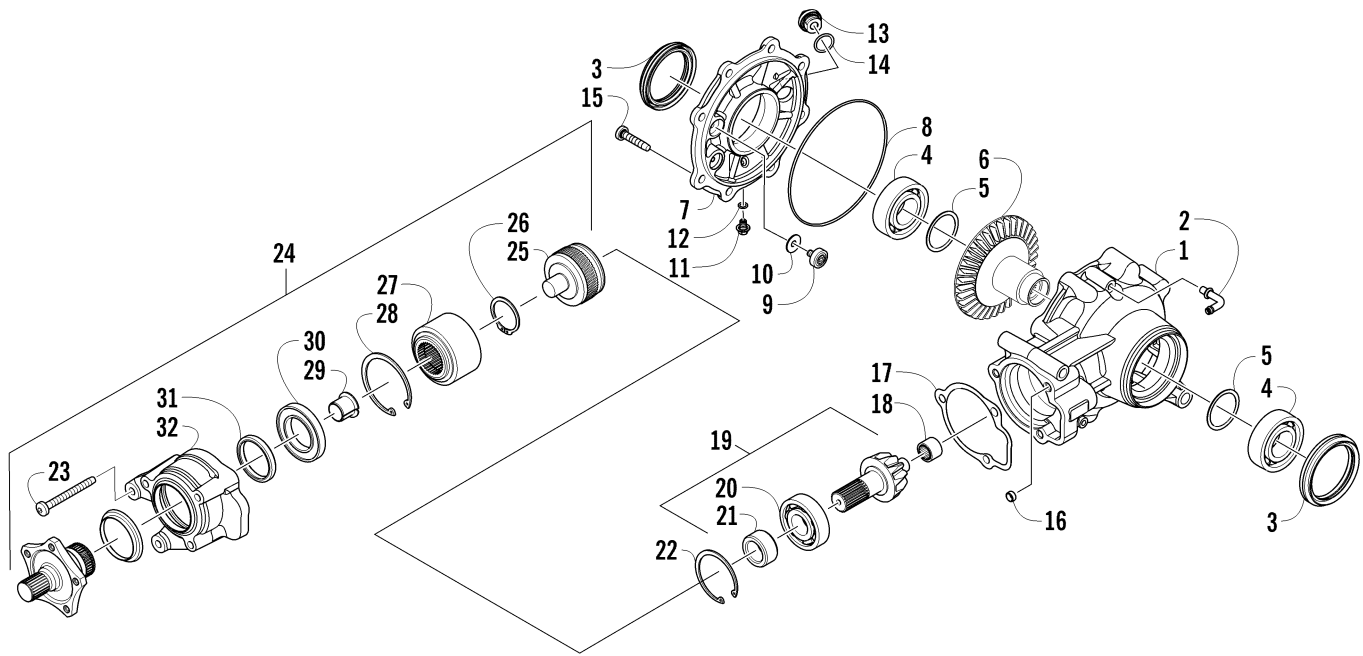




## FRONT DRIVE GEARCASE ASSEMBLY

0746-021

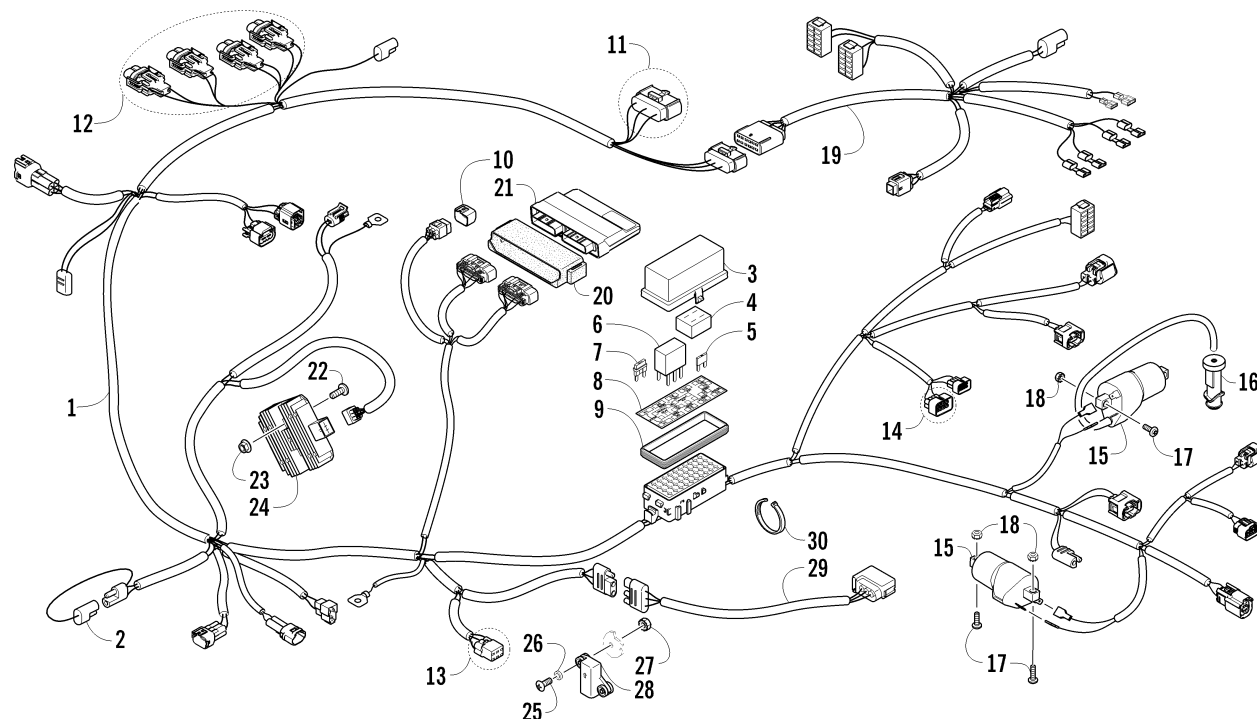
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-890	X	1	Complete Front Drive Gearcase Assembly	31	0402-328		1	Bearing
1	1502-559		1	Shaft, Coupler - Assembly (inc. 2-5)	32	0402-411		1	Pin, Dowel
2	0502-331		1	● Coupler, Driveshaft	33	1402-210		1	Plug, Magnetic (inc. one No. 34)
3	0402-944		1	● Joint, Universal (inc. 4)	34	0423-153		2	● O-Ring
4	0423-395		4	●● Ring, Retaining	35	0423-149		1	O-Ring
5	0502-518		1	● Yoke, Slip	36	0402-393		1	Bearing
6	1402-011		1	Seal	37	0402-405		AR	Shim, 41 x 49 x 1.3 mm
7	0423-423		1	Ring, Retaining		0402-406		AR	Shim, 41 x 49 x 1.4 mm
8	1502-237		1	Bracket, Actuator		0402-407		AR	Shim, 41 x 49 x 1.5 mm
9	1502-909	X	1	Actuator (inc. 10)		0402-408		AR	Shim, 41 x 49 x 1.6 mm
10	1402-981		1	● O-Ring		0402-409		AR	Shim, 41 x 49 x 1.7 mm
11	0423-892		1	O-Ring	38	1502-859	X	1	Gear, Ring - 34T
12	0423-396		3	Screw, Self-Tapping	39	1402-074		AR	Shim, 61 x 69 x 1.3 mm
13	1402-043		1	Bearing		1402-075		AR	Shim, 61 x 69 x 1.4 mm
14	0423-118		11	Screw, Self-Tapping		1402-076		AR	Shim, 61 x 69 x 1.5 mm
15	0502-528		1	Housing, Pinion		1402-077		AR	Shim, 61 x 69 x 1.6 mm
16	0402-947		1	Gasket		1402-078		AR	Shim, 61 x 69 x 1.7 mm
17	0423-417		1	Ring, Retaining	40	1502-895	X	1	Cover, Gearcase (inc. one No. 34, 41-51, and one No. 52)
18	0402-997		1	Shaft, Selector	41	1402-053		1	● Bearing
19	0423-402		1	Ring, Retaining	42	0502-413		1	● Flange, Bearing
20	0402-998		1	Fork, Selector	43	1402-079		1	● Pin, Alignment
21	0402-417		1	Shaft, Shuttle	44	1402-042		1	● Collar, Sliding
22	0423-147		1	O-Ring	45	1402-054		1	● Fork
23	0402-999		1	Spring, Return	46	1402-058		2	● Ring, Retaining
24	0402-413		1	Coupler, Drive	47	1402-057		1	● Spring
25	1423-067	X	1	Ring, Retaining	48	1402-063		1	● Spring
26	1502-851	X	1	Gear, Pinion - Assembly - 11T (inc. 27-28)	49	1402-656		1	● Shaft, Lock
27	1402-977	X	1	● Collar, Retaining	50	1402-211		1	● Plug, Oil Level (inc. one No. 34)
28	0402-327		1	● Bearing	51	1402-056		1	● Seal
29	1502-856	X	1	Housing, Gearcase	52	1402-950	X	2	● Seal
30	1402-980	X	1	Fitting, 45°	53	0402-333		1	Plug, Fill (inc. 54)
					54	0423-154		1	● O-Ring



## REAR DRIVE GEARCASE ASSEMBLY

0746-023

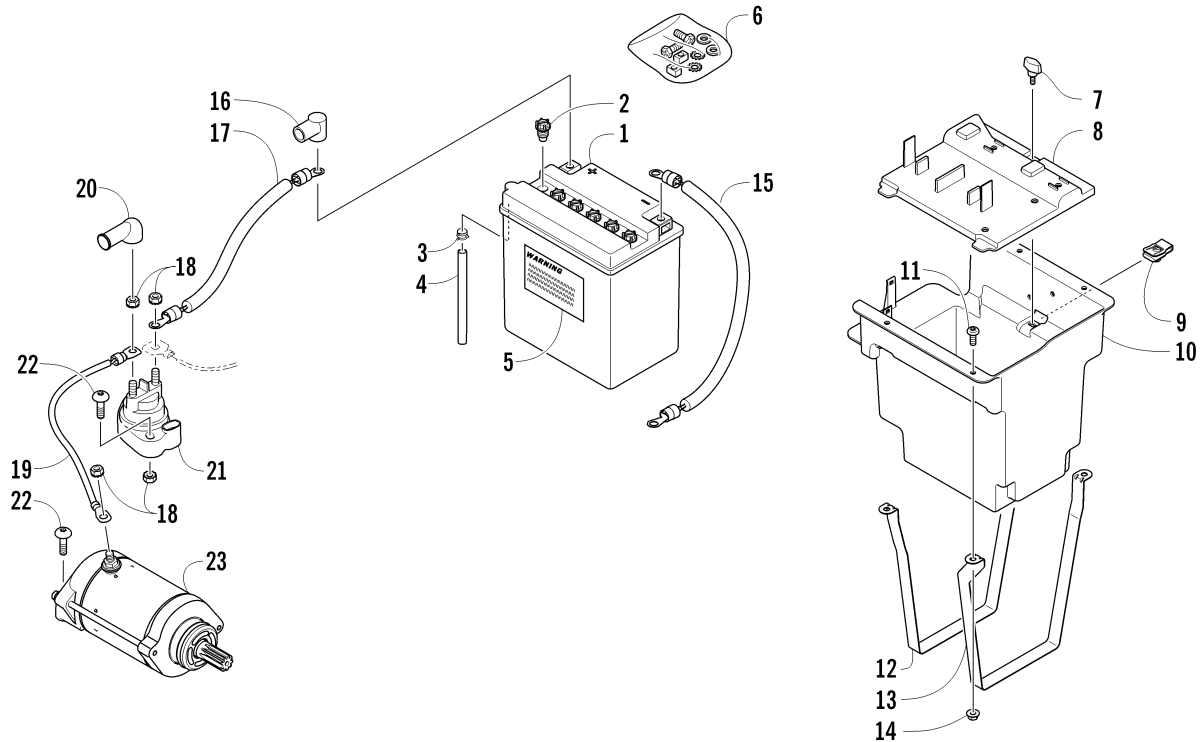
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
-	1502-891	X	1	Complete Rear Drive Gearcase Assembly	13	0402-333		1	Plug, Fill (inc. 14)
1	1502-900	X	1	Housing, Gearcase	14	0423-154		1	● O-Ring
2	1402-442		1	Fitting, 90°	15	0423-118		8	Screw, Self-Tapping
3	1402-950	X	2	Seal	16	0402-411		1	Pin, Dowel
4	0402-393		2	Bearing	17	0402-947		1	Gasket
5	0402-405	AR		Shim, 41 x 49 x 1.3 mm	18	0402-328		1	Bearing
	0402-406	AR		Shim, 41 x 49 x 1.4 mm	19	1502-851	X	1	Gear, Pinion - Assembly - 11T (inc. 20-21)
	0402-407	AR		Shim, 41 x 49 x 1.5 mm	20	0402-327		1	● Bearing
	0402-408	AR		Shim, 41 x 49 x 1.6 mm	21	1402-977	X	1	● Collar, Retaining
	0402-409	AR		Shim, 41 x 49 x 1.7 mm	22	1423-067	X	1	Ring, Retaining
6	1402-033		1	Gear, Ring - 34T	23	0423-834		3	Screw, Self-Tapping
7	1502-588		1	Cover, Gearcase	24	1502-563		1	Shaft, Input (inc. 25-32)
8	0423-149		1	O-Ring	25	1502-564		1	● Cartridge, Clutch - Assembly
9	0402-326		1	Button, Thrust	26	0423-799		1	● Ring, Retaining - External
10	0402-429	AR		Shim, 6.3 x 18 x 1.3 mm	27	1402-682		1	● Basket, Clutch
	0402-430	AR		Shim, 6.3 x 18 x 1.4 mm	28	0423-798		1	● Ring, Retaining - Internal
	0402-431	AR		Shim, 6.3 x 18 x 1.5 mm	29	1402-678		1	● Bearing, Flange
	0402-432	AR		Shim, 6.3 x 18 x 1.6 mm	30	1402-677		1	● Bearing
	0402-433	AR		Shim, 6.3 x 18 x 1.7 mm	31	1402-687		1	● Seal
11	1402-210		1	Plug, Magnetic (inc. 12)	32	1502-565		1	● Housing, Input
12	0423-153		1	● O-Ring					



## WIRING HARNESS ASSEMBLY

0745-675

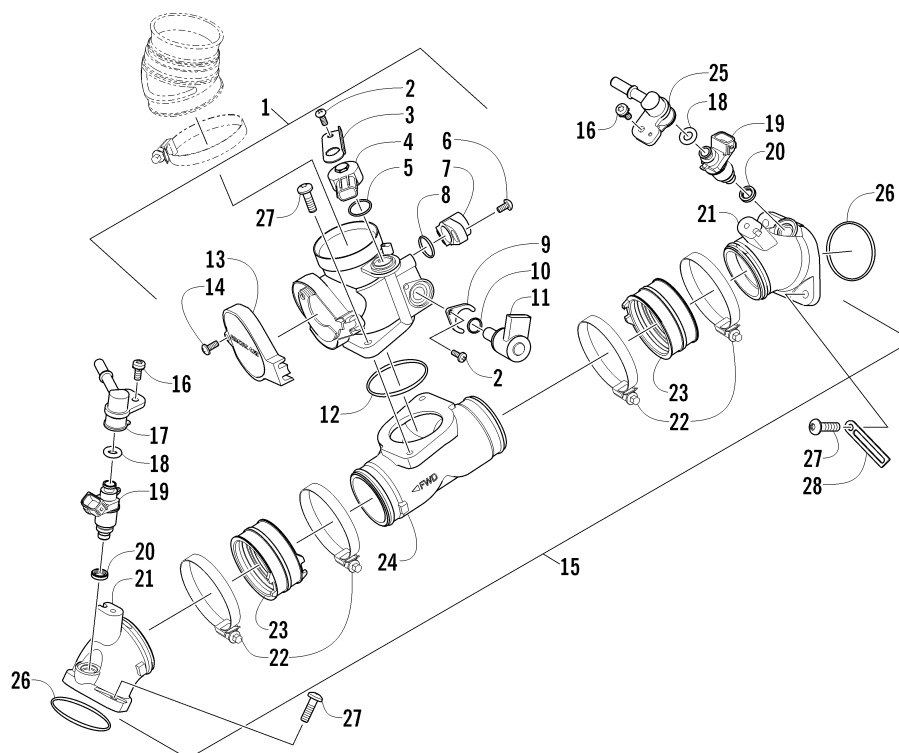
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0486-391		1	Harness, Main (inc. 2-10)	16	0824-049		2	Cap, Spark Plug
2	0486-164		1	● Tether, Accessory Connector	17	8476-620		3	Screw, Machine
3	0430-085		1	● Cover, Fuse Block	18	0623-038		3	Nut w/Washer
4	0430-037		1	● Holder, Fuse	19	0486-399		1	Harness, Console
5	0430-032		5	● Fuse - 10 Amp	20	0430-059		1	Cushion, ECU
	0430-031		4	● Fuse - 15 Amp	21	0530-025		1	ECU
	0430-030		3	● Fuse - 30 Amp	22	8476-625		2	Screw, Machine
6	0430-045		6	● Relay (4-Pin) - 20 Amp	23	8424-602		2	Nut
7	0430-034		2	● Diode	24	0824-037		1	Regulator, Voltage
8	2411-213		1	● Decal, Fuse Block	25	8468-425		2	Screw, Machine
9	0430-086		1	● Seal	26	0123-802		2	Washer
10	0430-097		1	● Cover, Diagnostics Connector	27	0423-493		2	Nut w/Washer
11	1436-415		1	Repair Kit, Connector - LCD Gauge	28	0409-064		1	Sensor, Tilt
12	1436-290	AR		Repair Kit, Connector - Headlight	29	0486-403		1	Harness, Adapter - Taillight
13	1436-416		1	Repair Kit, Connector - Tilt Sensor	30	0123-788	AR		Tie, Cable - 8 in.
14	1436-417		1	Repair Kit, Connector - Idle Speed Control		0123-903	AR		Tie, Cable - 11.5 in.
15	0824-043		2	Coil, Ignition - Assembly		0623-144	AR		Tie, Cable - 17.5 in.



## BATTERY AND STARTER MOTOR ASSEMBLY

0745-380

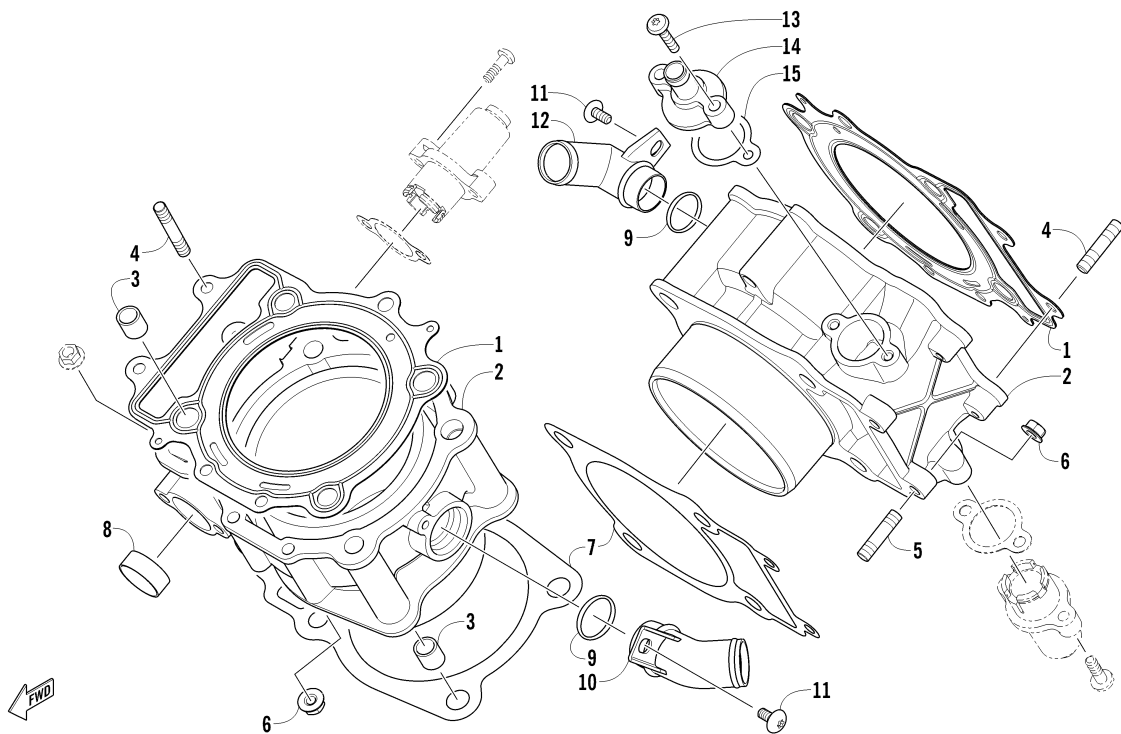
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0445-081		1	Battery (inc. 2-6)	13	0470-855		1	Hold-Down, Battery Box - Left
2	0645-588		6	● Cap, Battery	14	8424-602		4	Nut
3	0645-152		1	● Clamp, Hose	15	0445-079		1	Cable, Battery/Ground
4	0645-262		1	● Hose, Vent	16	0645-019		1	Boot, Terminal
5	0645-430		2	● Decal, Warning	17	0445-078		1	Cable, Battery/Solenoid
6	0445-082		1	● Kit, Hardware	18	0623-038		5	Nut w/Washer
7	1441-624		1	Screw, Thumb	19	0445-080		1	Cable, Solenoid/Starter
8	2406-949		1	Cover, Battery Box	20	0645-327		1	Boot, Terminal - Solenoid
9	0423-577		1	Clip, U-Nut	21	0445-058		1	Solenoid
10	2406-914		1	Box, Battery	22	8476-625		4	Screw, Machine
11	8476-616		4	Screw, Machine	23	0825-015		1	Motor, Starter - Assembly
12	0470-854		1	Hold-Down, Battery Box - Right					



## THROTTLE BODY ASSEMBLY

0744-676

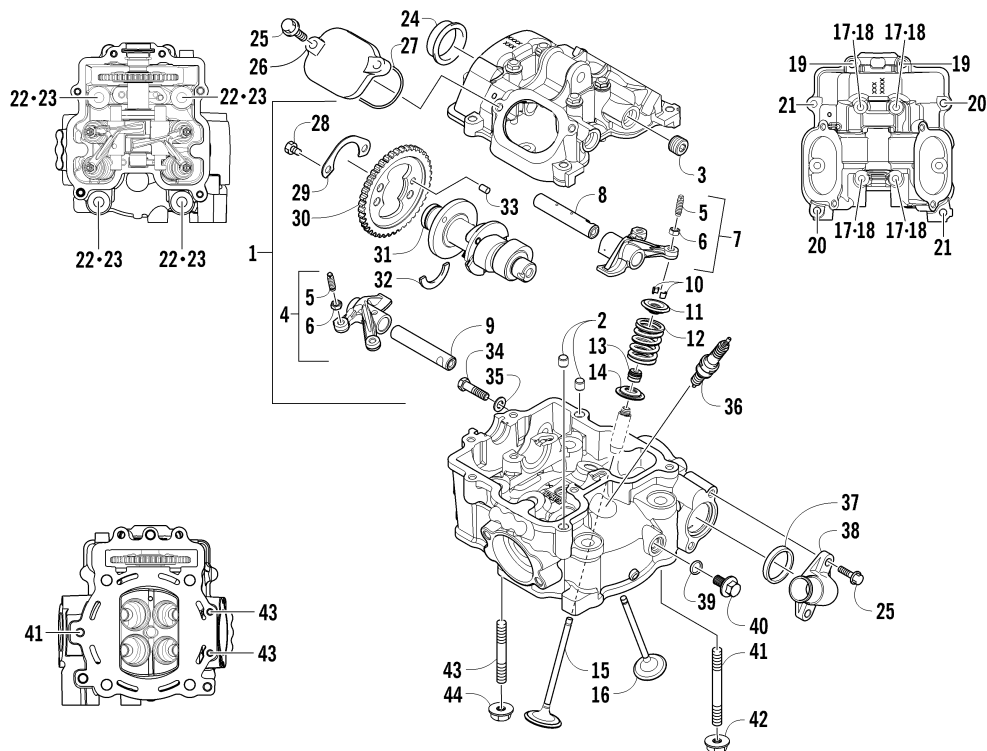
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0470-686	1	1	Throttle - Assembly (inc. 2-14)	15	0570-319	1	1	Manifold, Intake - Assembly (inc. 16-25)
2	5507-117	2	2	● Screw, Machine	16	0423-371	2	2	● Screw, Machine
3	5507-227	1	1	● Bracket, MAP Sensor	17	0470-893	1	1	● Rail, Fuel - Front Cylinder
4	0430-073	1	1	● Sensor, MAP	18	0470-767	2	2	● O-Ring, Fuel Injector
5	5507-232	1	1	● O-Ring, MAP Sensor	19	0470-688	2	2	● Injector, Fuel
6	5507-231	1	1	● Screw, Machine	20	0470-768	2	2	● Ring, Seal - Fuel Injector
7	0430-072	1	1	● Sensor, Throttle Position	21	0570-140	2	2	● Manifold, Intake
8	5507-234	1	1	● O-Ring, Throttle Position Sensor	22	0423-066	4	4	● Clamp
9	5507-229	1	1	● Plate, ISC Valve	23	0470-660	2	2	● Boot, Intake - Manifold
10	5507-233	1	1	● O-Ring, ISC Valve	24	0570-156	1	1	● Plenum, Intake
11	0430-074	1	1	● Valve, ISC	25	0470-764	1	1	● Rail, Fuel - Rear Cylinder
12	5507-235	1	1	● O-Ring	26	0830-090	2	2	O-Ring
13	5507-223	1	1	● Cover	27	0826-008	6	6	Screw, Machine
14	5507-037	1	1	● Screw, Machine	28	3002-964	1	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					



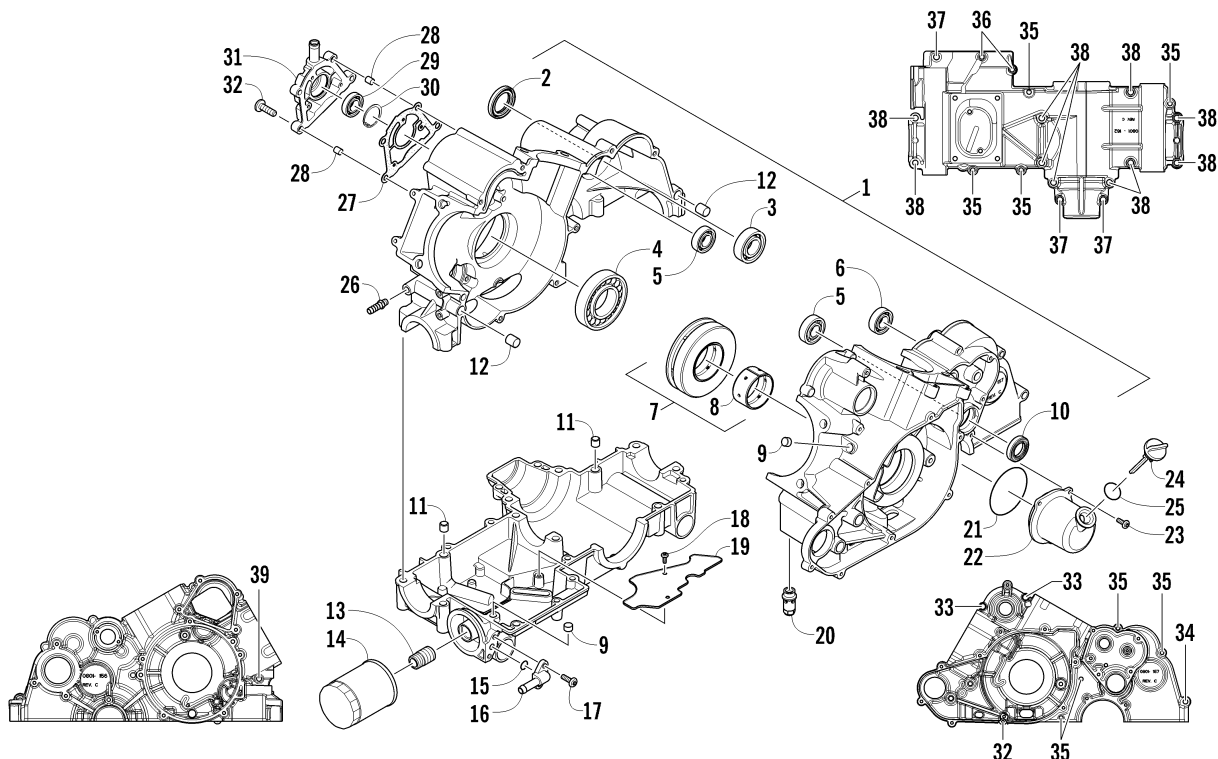
## CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0745-535

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0808-175		2	Head, Cylinder - Assembly (inc. 2-17)	23	0830-147		8	Washer
2	0829-048		4	● Pin, Dowel	24	0808-077		2	Plug, Cylinder Head
3	0831-092	X	4	● Plug, Shaft	25	0826-007		12	Screw, Cap
4	0809-237		2	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	26	0808-003		4	Cap, Inspection
5	0809-240		8	●● Screw, Adjuster	27	0830-167		4	O-Ring
6	0827-059		8	●● Nut	28	0826-034		4	Screw, Cap
7	0809-234		2	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	29	0828-004		2	Plate, Retainer
8	0809-241		2	● Shaft, Rocker Arm - Intake	30	0809-212	X	2	Sprocket
9	0809-242		2	● Shaft, Rocker Arm - Exhaust	31	0809-246		1	Camshaft, Front Cylinder
10	0809-233		16	● Cotter, Valve		0809-248		1	Camshaft, Rear Cylinder
11	0809-232		8	● Retainer, Spring	32	0809-003		2	C-Ring
12	0809-231		8	● Spring, Valve	33	0829-049		2	Pin, Dowel
13	0830-186		8	● Seal, Oil	34	8400-812		2	Screw, Cap
14	0809-230		8	● Seat, Spring - Valve	35	0830-025		2	Washer, Crush
15	0809-228		4	● Valve, Intake	36	0217-799		2	Spark Plug - CPR8E
16	0809-229		4	● Valve, Exhaust	37	0830-120		2	Seal
17	0826-149		8	● Screw, Cap	38	0808-008		2	Cover, Thermostat
18	0830-155		8	Gasket	39	0830-213		2	O-Ring
19	0826-002		4	Screw, Cap	40	0826-157		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

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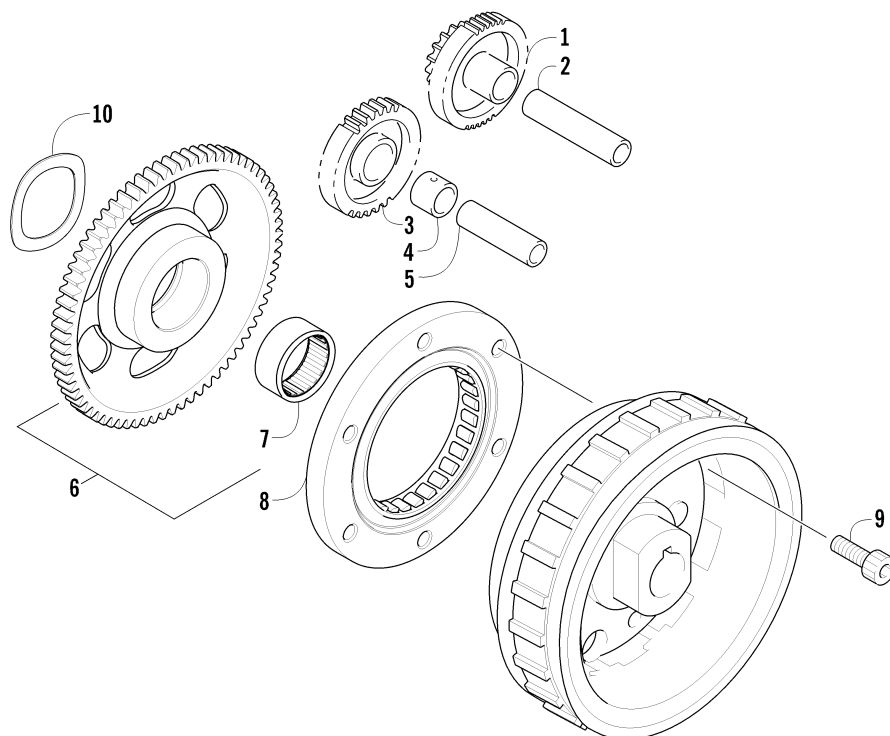


## CRANKCASE ASSEMBLY

0745-051

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0801-172	1	1	Crankcase - Assembly (inc. 2-13)	21	0830-162	1	1	O-Ring, Oil Filler Cover
2	0830-035	1	1	● Seal, Driveshaft	22	0812-081	1	1	Cover, Oil Filler
3	0832-048	1	1	● Bearing	23	8468-616	3	3	Screw, Machine
4	0832-042	1	1	● Bearing	24	0801-179	1	1	Stick, Oil Level
5	0832-050	2	2	● Bearing	25	0830-010	1	1	O-Ring
6	0832-049	1	1	● Bearing	26	0812-078	1	1	Fitting, Oil - Threaded
7	0832-055	1	1	● Bearing - Assembly (inc. 8)	27	0830-191	1	1	Gasket, Breather
8	0832-057	1	1	● Bearing	28	0829-048	2	2	Pin, Dowel
9	0801-002	2	2	● Plug, Engine Case	29	0832-084	1	1	Bearing
10	0822-052	1	1	● Seal, Countershaft - Right	30	0831-086	1	1	Circlip
11	0829-003	2	2	● Pin, Dowel	31	0801-193	1	1	Cover, Breather
12	0829-002	2	2	● Pin, Dowel	32	8468-625	5	5	Screw, Machine
13	0812-008	1	1	● Union, Oil Filter	33	8468-630	2	2	Screw, Machine
14	0812-029	1	1	Filter, Oil	34	8412-875	1	1	Screw, Cap
15	0830-172	1	1	O-Ring	35	8468-660	8	8	Screw, Machine
16	0812-060	1	1	Fitting, Oil	36	8468-640	2	2	Screw, Machine
17	8468-620	2	2	Screw, Machine	37	8412-830	3	3	Screw, Cap
18	0623-914	2	2	Screw, Self-Tapping	38	8412-860	10	10	Screw, Cap
19	0812-079	1	1	Plate, Oil Sump	39	8412-850	1	1	Screw, Cap
20	0812-052	1	1	Valve, Oil-Relief - Assembly					

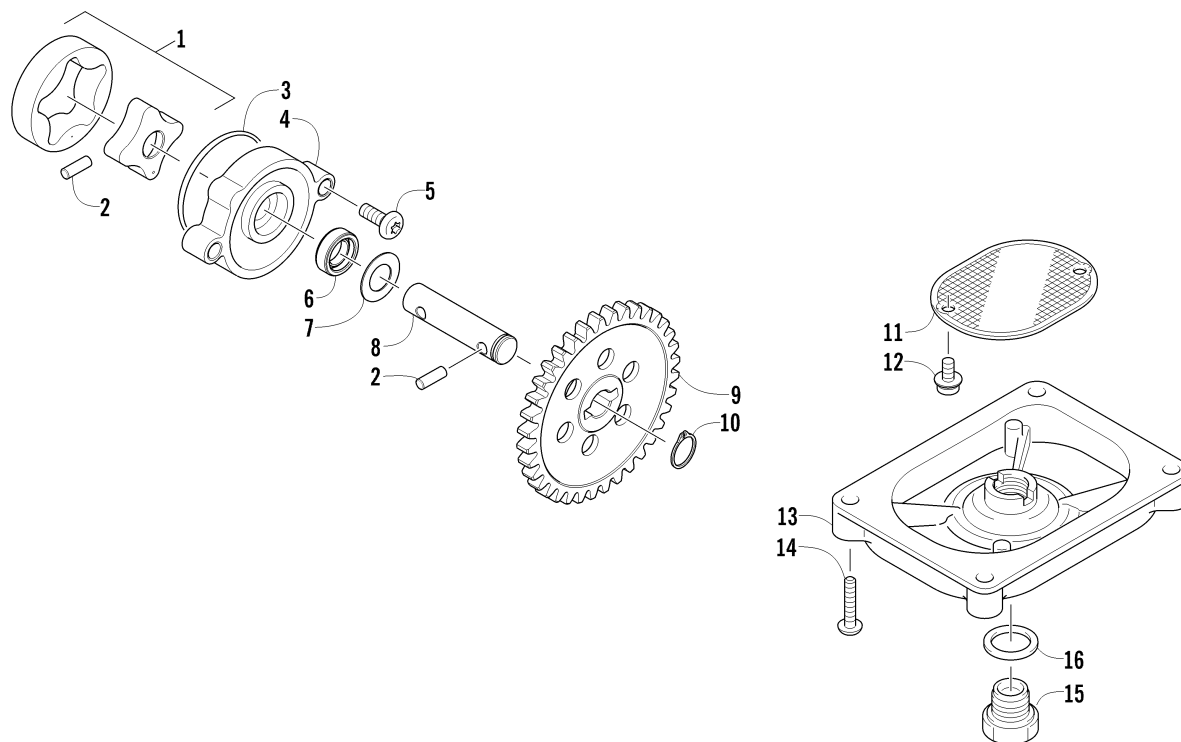
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## STARTER CLUTCH ASSEMBLY

0745-071

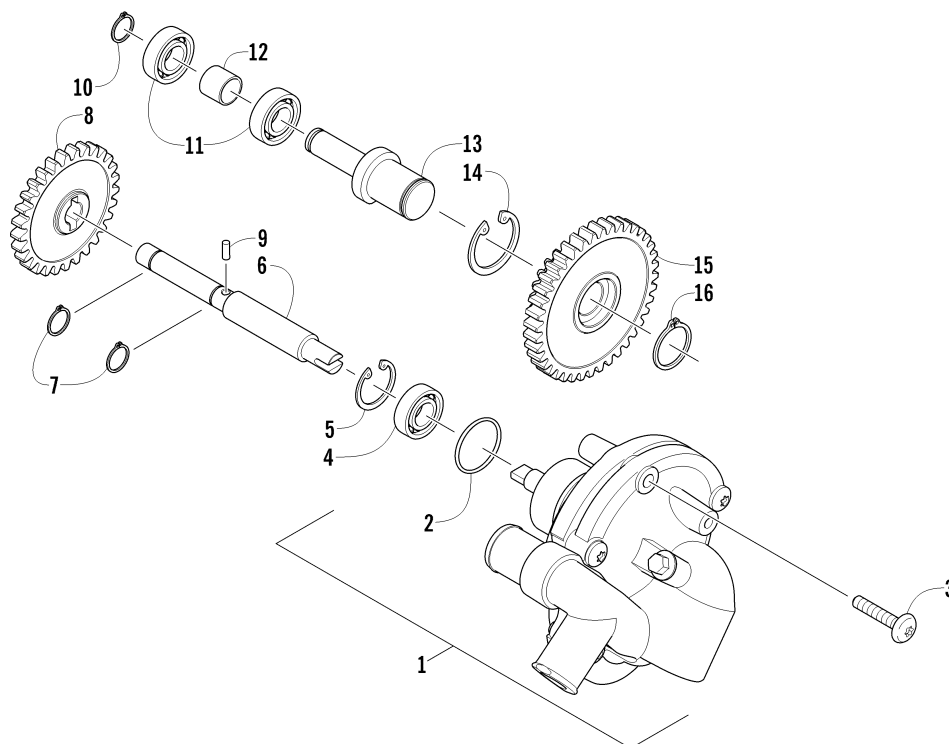
Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0815-026	1		Gear, Starter Idler - No. 1	6	0815-004	1		Gear, Starter Clutch (inc. 7)
2	0829-031	1		Shaft, Starter Gear	7	0832-079	1		● Bearing
3	0815-002	1		Gear, Starter Idler - No. 2	8	0802-035	1		Clutch, Starter
4	0815-003	1		Spacer, 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

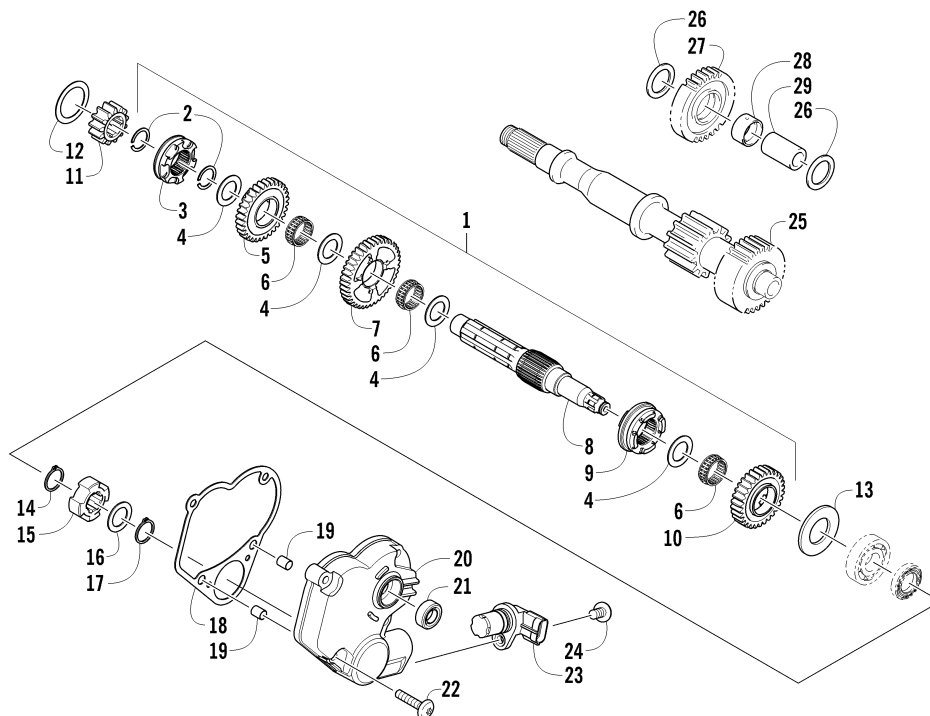


## WATER PUMP ASSEMBLY

0745-053

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0813-056	1		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

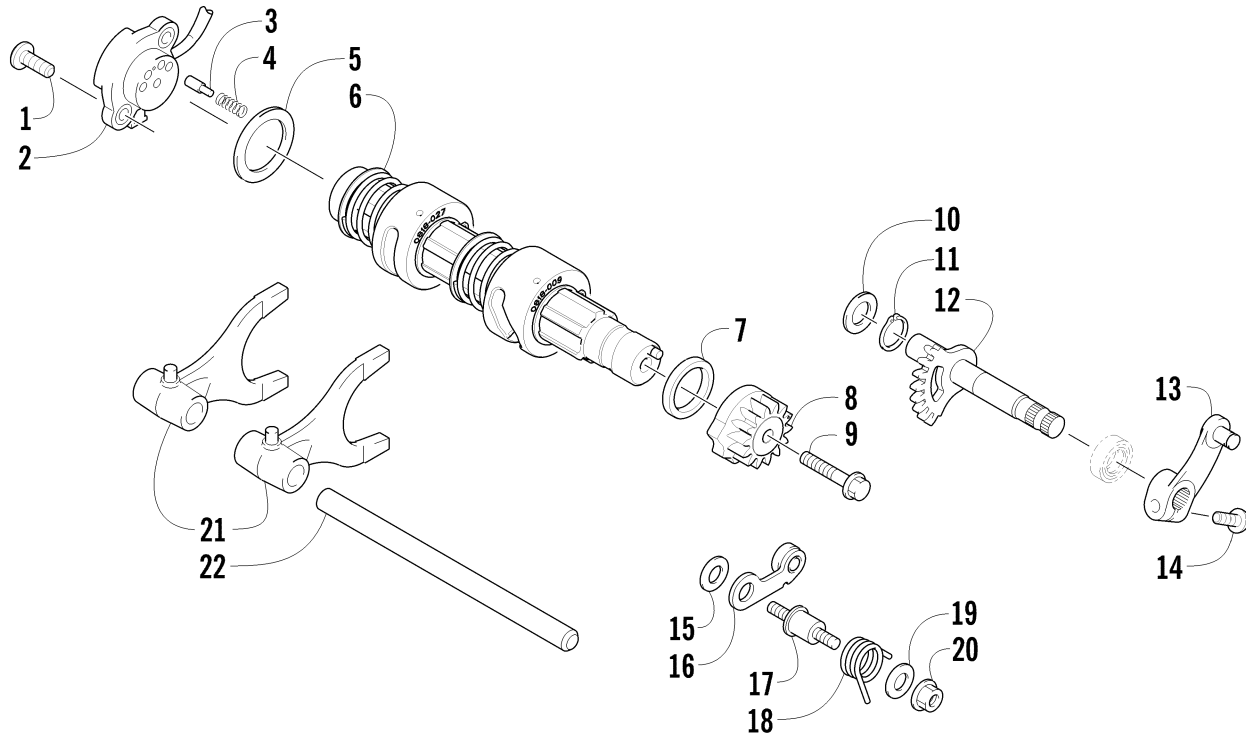
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## SECONDARY TRANSMISSION ASSEMBLY

0745-540

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

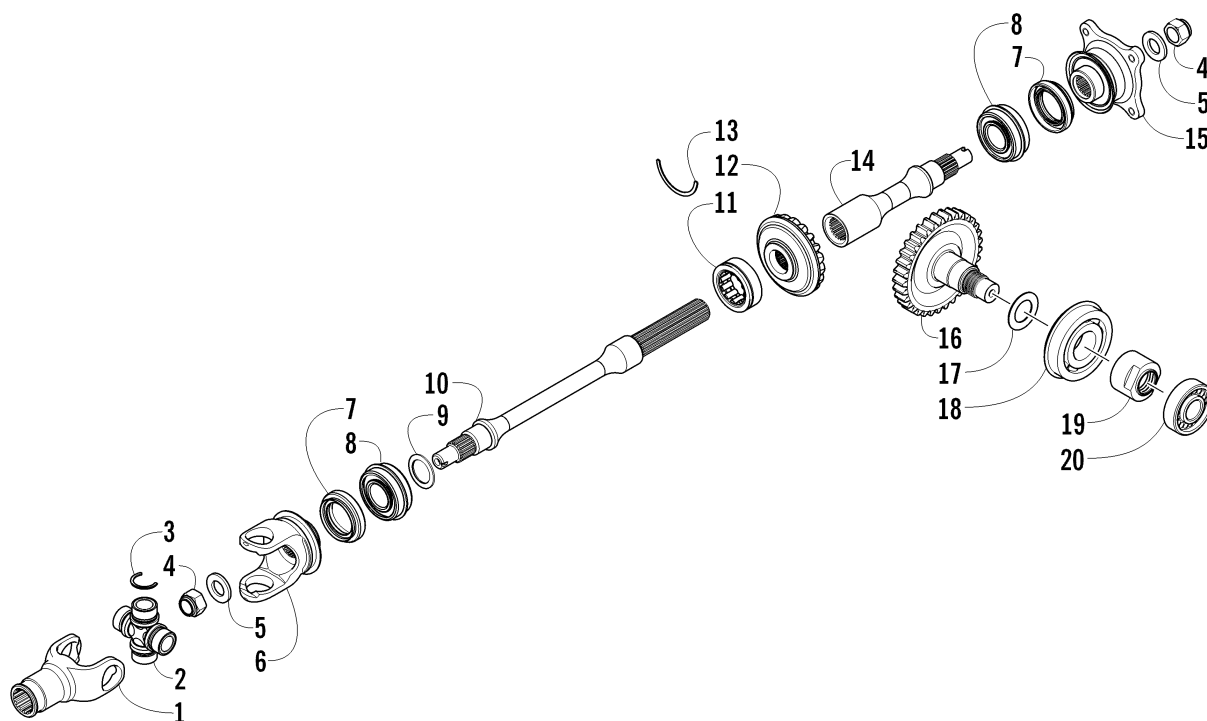


## GEAR SHIFTING ASSEMBLY

0746-025

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	8470-516		2	Screw, Machine	12	0818-095		1	Shaft, Sub-Gear Shift
2	0409-091		1	Switch, Gear Position	13	0818-014		1	Arm, Shift
3	0818-013		2	Contact	14	8468-620		1	Screw, Machine
4	0818-017		2	Spring	15	0828-038		1	Washer
5	0828-040		1	Washer	16	0818-002		1	Stopper, Cam
6	0818-046		1	Shaft, Gear Shift - Assembly	17	0818-004		1	Support, Cam Stopper
7	0828-131	X	1	Spacer	18	0818-090		1	Spring
8	0818-055		1	Cam, Gear Shift	19	0828-035		1	Washer
9	0826-006		1	Screw, Cap	20	8424-602		1	Nut
10	0828-036		1	Washer	21	0818-072		2	Fork, Shift
11	0831-010		1	Ring, Retaining	22	0818-006		1	Shaft, Shift Fork



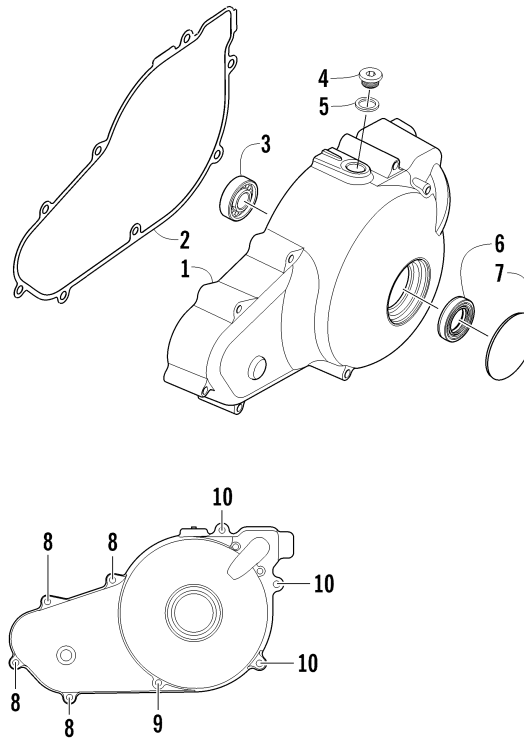


## SECONDARY DRIVE ASSEMBLY

0745-215

Ref	Part No.	New	Qty	Description	Ref	Part No.	New	Qty	Description
1	0502-829	1	1	Yoke, Drive Output	11	0832-016	1	1	Bearing, Driven Gear
2	0402-944	1	1	Joint, Universal - Set (inc. 3)	12	0822-106	1	1	Gear, Secondary Driven
3	0423-395	4	4	● Ring, Retaining	13	0819-011	1	1	Ring, Driven Bearing
4	0827-013	2	2	Nut	14	0819-053	1	1	Shaft, Secondary Driven - Rear
5	0828-020	2	2	Washer	15	0819-005	1	1	Flange, Output Joint
6	0502-828	1	1	Yoke, Propeller Shaft Joint	16	0822-132	1	1	Gear, Secondary Drive
7	0830-043	2	2	Seal, Oil	17	0828-119	AR		Shim, 30 x 48 x 0.25 mm
8	0832-017	2	2	Bearing		0828-120	AR		Shim, 30 x 48 x 0.30 mm
9	0828-021	AR		Shim, 25 x 34 x 0.25 mm		0828-121	AR		Shim, 30 x 48 x 0.35 mm
	0828-022	AR		Shim, 25 x 34 x 0.30 mm		0828-122	AR		Shim, 30 x 48 x 0.90 mm
	0828-023	AR		Shim, 25 x 34 x 0.70 mm		0828-123	AR		Shim, 30 x 48 x 0.95 mm
	0828-024	AR		Shim, 25 x 34 x 0.90 mm		0828-124	AR		Shim, 30 x 48 x 1.00 mm
	0828-025	AR		Shim, 25 x 34 x 0.95 mm		0828-125	AR		Shim, 30 x 48 x 1.05 mm
	0828-026	AR		Shim, 25 x 34 x 1.00 mm		0828-126	AR		Shim, 30 x 48 x 1.10 mm
	0828-027	AR		Shim, 25 x 34 x 1.05 mm		0828-127	AR		Shim, 30 x 48 x 1.15 mm
	0828-028	AR		Shim, 25 x 34 x 1.10 mm	18	0832-083	1	1	Bearing
	0828-029	AR		Shim, 25 x 34 x 1.15 mm	19	0827-060	1	1	Nut
10	0819-089	1	1	Shaft, Secondary Driven - Front	20	0832-050	1	1	Bearing

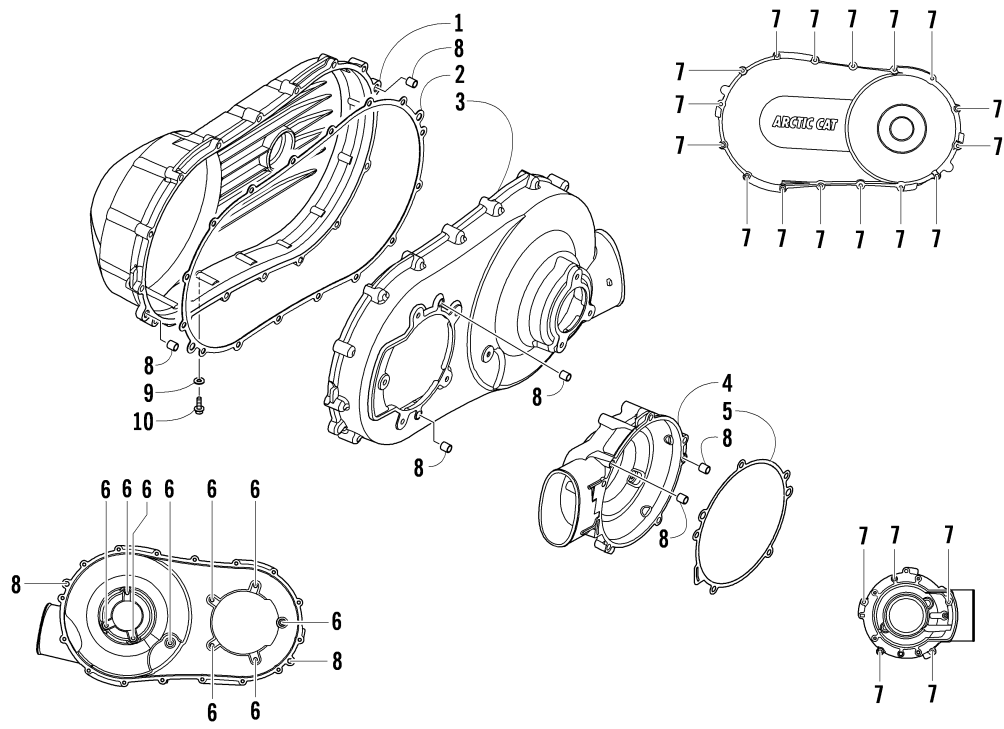
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## MAGNETO SIDE ENGINE COVERS

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	Cover, Outside	6	8468-616		9	Screw, Machine
2	0830-137		1	Gasket, Cover	7	8468-630		21	Screw, Machine
3	0806-110		1	Cover, Inside	8	0829-048		6	Pin, Dowel
4	0806-109		1	Cover, Clutch	9	0830-013		1	Washer, Crush
5	0830-133		1	Gasket, Clutch Cover	10	8408-812		1	Screw, Cap

# NOTES

## NOTES



