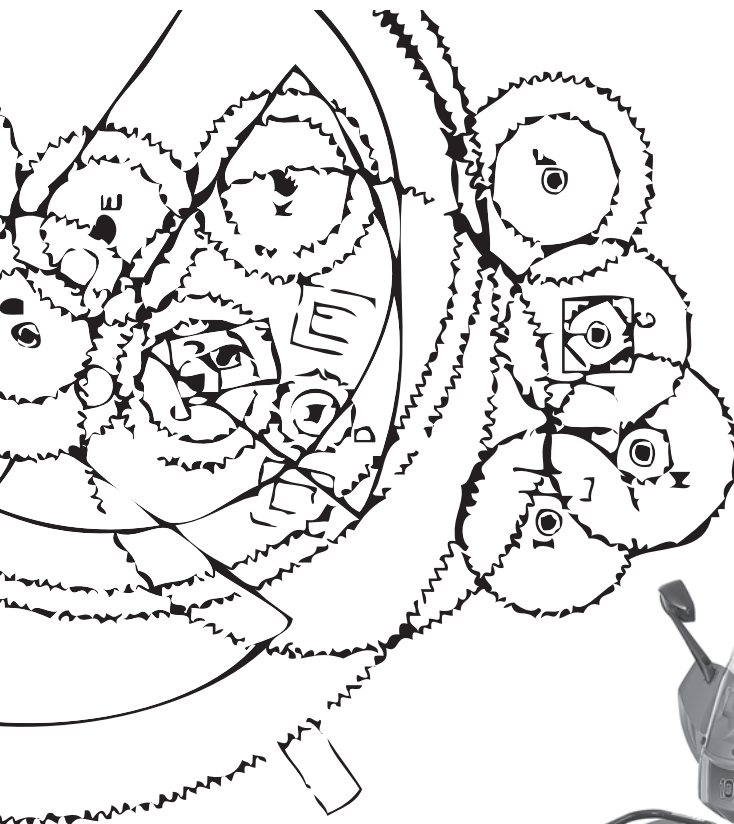




ARCTIC CAT®

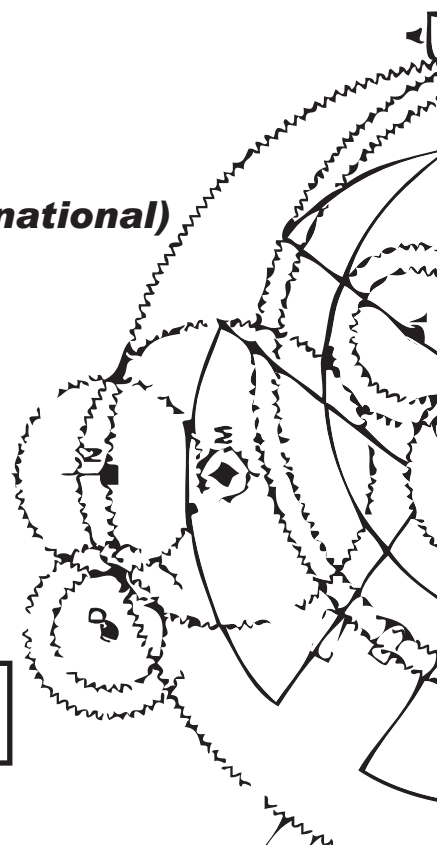
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1000 H2 Cruiser



Model Number A2009TCW4EUSK (Sunset Orange)

Model Number A2009TCW4EOSK (Sunset Orange - International)



2009

illustrated parts manual

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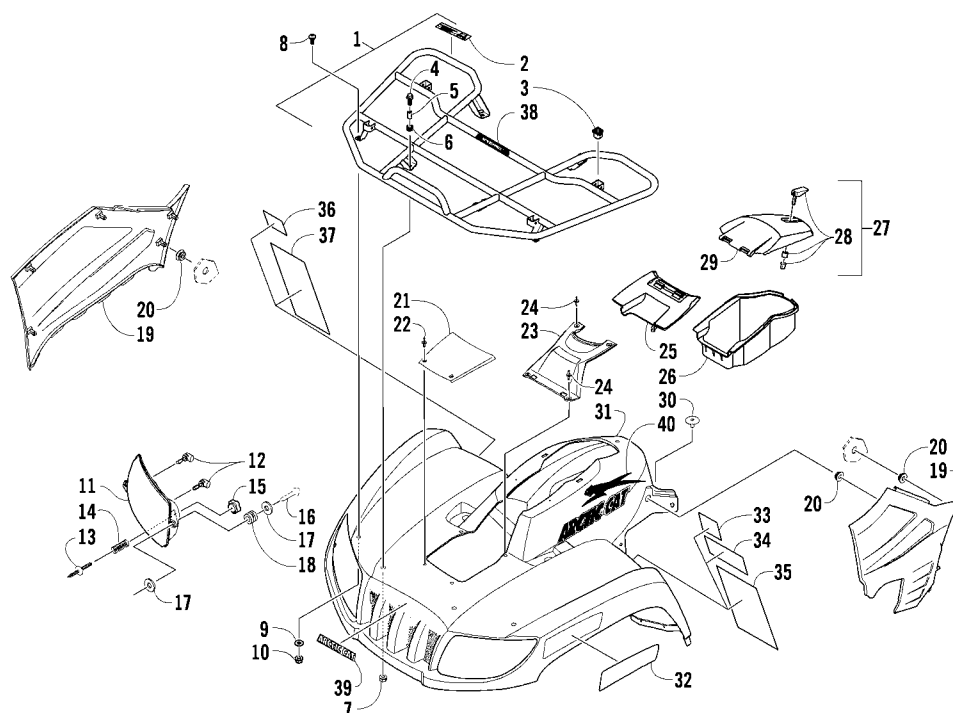
2009 ATV 1000 H2 Cruiser

Sunset Orange (Model No. A2009TCW4EUSK)

Sunset Orange - International (Model No. A2009TCW4EOSK)

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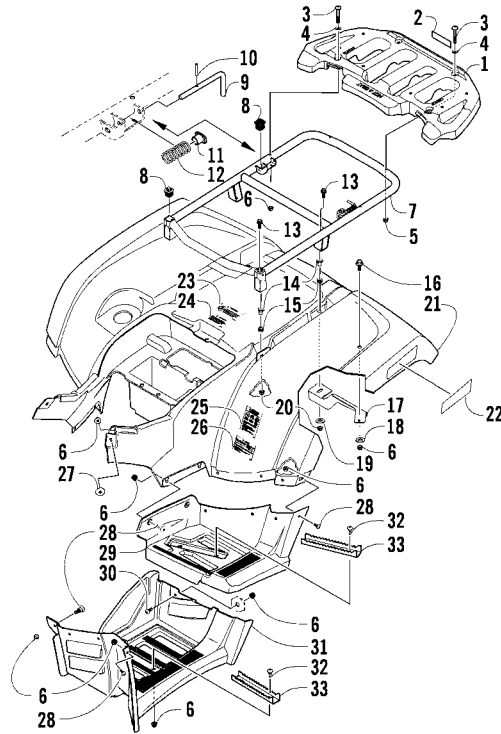
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2009 model year. For a complete list of related items, refer to the current accessory catalog.



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0743-290

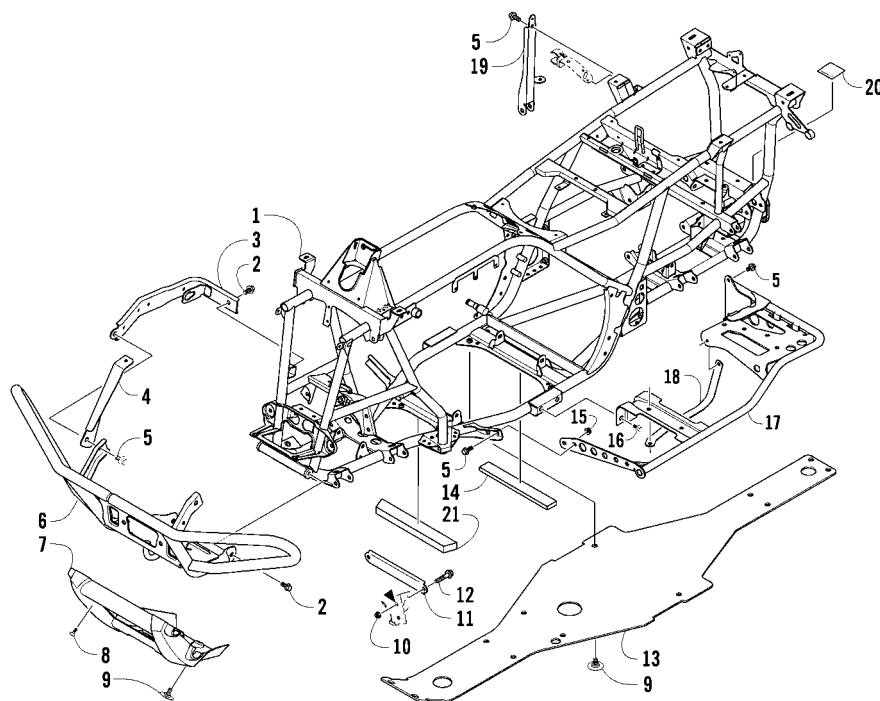
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-106	1	Rack, Front - Assembly (inc. 2-3)	22	0423-535	2	Rivet, Reinstallable
2	0411-576	1	● Decal, Warning - Load	23	1406-484	1	Cover, Steering Post
3	0441-592	4	● Bushing	24	0623-362	4	Rivet, Reinstallable
4	8410-830	4	Screw, Cap	25	0470-513	1	Cover, Storage Box
5	0423-669	4	Spacer	26	1406-573	1	Box, Storage
6	0423-465	4	Grommet	27	2506-234	1	Lid, Storage Box w/Latch (inc. 28-29)
7	8432-802	4	Nut, Lock	28	1406-599	1	● Latch, Storage Box
8	0423-654	2	Screw, Shoulder	29	0470-514	1	● Lid, Storage Box
9	8050-222	2	Washer	30	0423-101	2	Screw, Shoulder
10	0423-540	2	Nut, Lock	31	<u>2516-070</u>	1	Panel, Fender - Assembly - Front - Orange (inc. 32-37)
11	<u>0509-044</u>	1	Headlight Assembly - Right (inc. 12)	32	0411-818	1	● Decal, Reflector - Front - Right
	0509-035	1	Headlight Assembly - Left (inc. 12)		0411-819	1	● Decal, Reflector - Front - Left
12	0409-055	4	● Bulb, Headlight	33	<u>1411-930</u>	1	● Decal, Warning - Age
13	0423-514	2	Stud, Adjuster - Headlight	34	1411-574	1	● Decal, Warning - Off-Road Only
14	0423-522	2	Spring, Adjuster	35	1411-906	1	● Decal, Warning - Throttle
15	0423-513	2	Knob, Adjuster	36	0411-894	1	● Decal, Warning - Turn/Hill
16	0623-785	4	Screw, Self-Tapping	37	1411-250	1	● Decal, Warning - Reverse/Pre-Ride
17	8050-217	8	Washer	38	1411-050	1	Decal, "Speedtrack"
18	0423-447	4	Grommet	39	1411-725	1	Decal, Front
19	<u>2406-802</u>	1	Panel, Side - Lower - Right	40	1411-634	1	Decal, Side - Upper Right
	<u>2406-803</u>	1	Panel, Side - Lower - Left		1411-635	1	Decal, Side - Upper Left
20	0423-678	8	Grommet				
21	1406-358	1	Cover, Access				



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0744-241

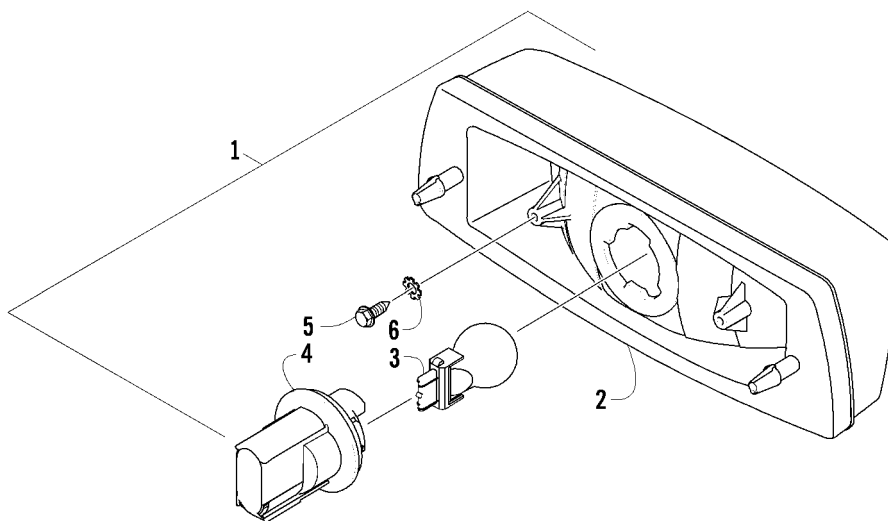
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2516-339	1	Cover, Rack (inc. 2)	19	0423-087	2	Washer
2	1411-201	1	● Decal, Warning - Load	20	8432-802	4	Nut, Lock
3	8410-640	4	Screw, Cap	21	2516-087	1	Fender, Rear - Assembly - Orange (inc. 22-26)
4	8050-223	4	Washer	22	1411-592	1	● Decal, Reflector - Rear - Right
5	0423-891	2	Nut, Cap		1411-593	1	● Decal, Reflector - Rear - Left
6	0423-540	40	Nut, Lock	23	1411-269	1	● Decal, Warning - Passenger
7	2516-169	1	Rack, Rear - Assembly (inc. 8-12)	24	1411-251	1	● Decal, Warning - Seat/Passenger
8	0441-592	4	● Bushing	25	1411-956	1	● Decal, Passenger
9	0541-504	2	● Pin - Assembly (inc. 10-12)	26	1411-957	1	● Decal, Warning - Tire Pressure
10	0423-635	2	●● Pin, Roll	27	0423-101	2	Screw, Shoulder
11	0423-677	2	●● Bushing, Flanged	28	0423-419	24	Screw, Machine
12	0423-636	2	●● Spring	29	2406-042	1	Footwell, Rear - Right
13	8410-835	4	Screw, Cap		2406-043	1	Footwell, Rear - Left
14	0423-669	4	Spacer	30	8477-620	2	Screw, Machine
15	0423-465	4	Grommet	31	2506-856	1	Footwell - Right
16	0423-654	2	Screw, Shoulder		2506-857	1	Footwell - Left
17	2506-092	1	Bracket, Rear Fender - Right	32	0423-355	8	Screw, Shoulder
	2506-093	1	Bracket, Rear Fender - Left	33	1506-125	4	Footpeg
18	8050-222	2	Washer				



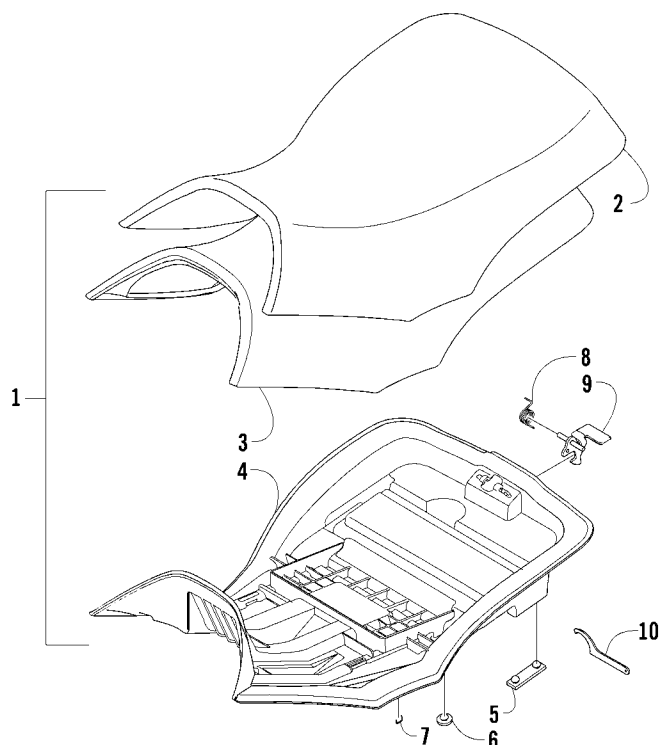
FRAME AND RELATED PARTS

0744-080

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-769	1	Frame, Main	12	8409-025	2	Screw, Cap
2	8409-020	4	Screw, Cap	13	2406-718	1	Panel, Belly
3	2506-813	1	Channel, Bumper Mounting - Right	14	0406-289	1	Pad, Frame
	2506-285	1	Channel, Bumper Mounting - Left	15	8424-802	4	Nut
4	1506-562	1	Bracket, Mounting - Bumper - Right	16	8409-016	4	Screw, Cap
	1506-563	1	Bracket, Mounting - Bumper - Left	17	2506-776	1	Footrest - Right
5	8408-816	11	Screw, Cap		1506-849	1	Footrest - Left
6	1506-855	1	Bumper	18	2406-788	1	Strap, Footrest - Right
7	1406-360	1	Grille, Bumper		2406-789	1	Strap, Footrest - Left
8	0423-419	2	Screw, Machine	19	2506-447	1	Bracket, Support
9	0423-101	12	Screw, Shoulder	20	1411-077	1	Decal, Warning - Towing
10	0423-744	2	Nut, Lock	21	2506-701	1	Pad, Frame
11	1506-429	1	Brace, A-Arm				



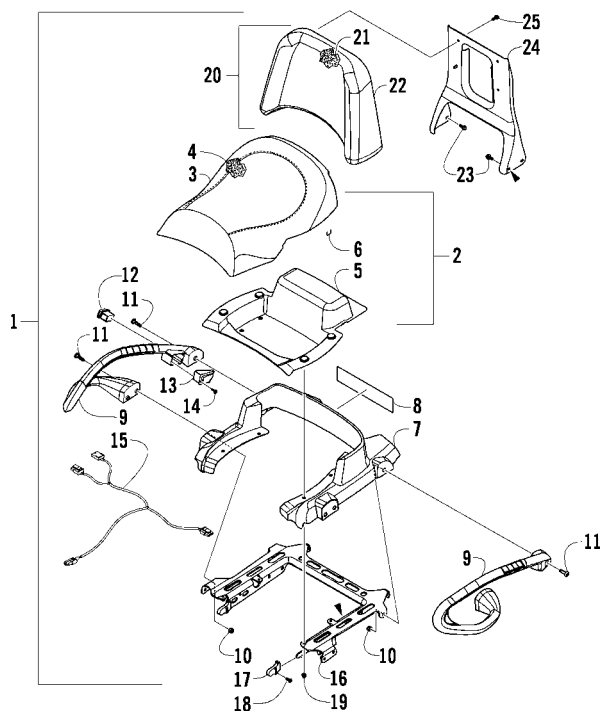
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-022	1	Taillight Assembly (inc. 2-4)	4	0409-057	1	● Socket, Taillight
2	0509-025	1	● Housing, Taillight	5	0623-301	2	Screw, Self-Tapping
3	0409-056	1	● Bulb, Taillight	6	8053-212	2	Washer, External Tooth Lock



SEAT ASSEMBLY

0743-243

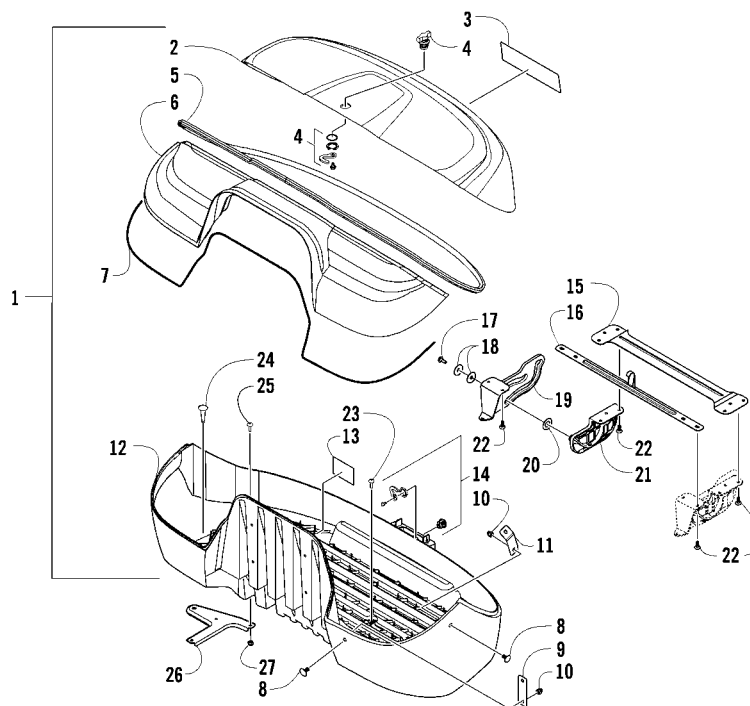
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-384	1	Seat Assembly (inc. 2-9)	6	0406-877	4	●● Bumper, Seat - Front
2	2506-756	1	● Cover, Seat	7	0624-528	AR	● Staple
3	2506-755	1	● Foam, Seat	8	1406-592	1	● Spring, Seat Latch
4	2406-525	1	● Base, Seat - Assembly (inc. 5-6)	9	1506-156	1	● Latch, Seat
5	0406-879	2	●● Bumper, Seat - Rear	10	0441-587	1	Wrench, Spanner



PASSENGER SEAT AND BACKREST ASSEMBLY

0744-079

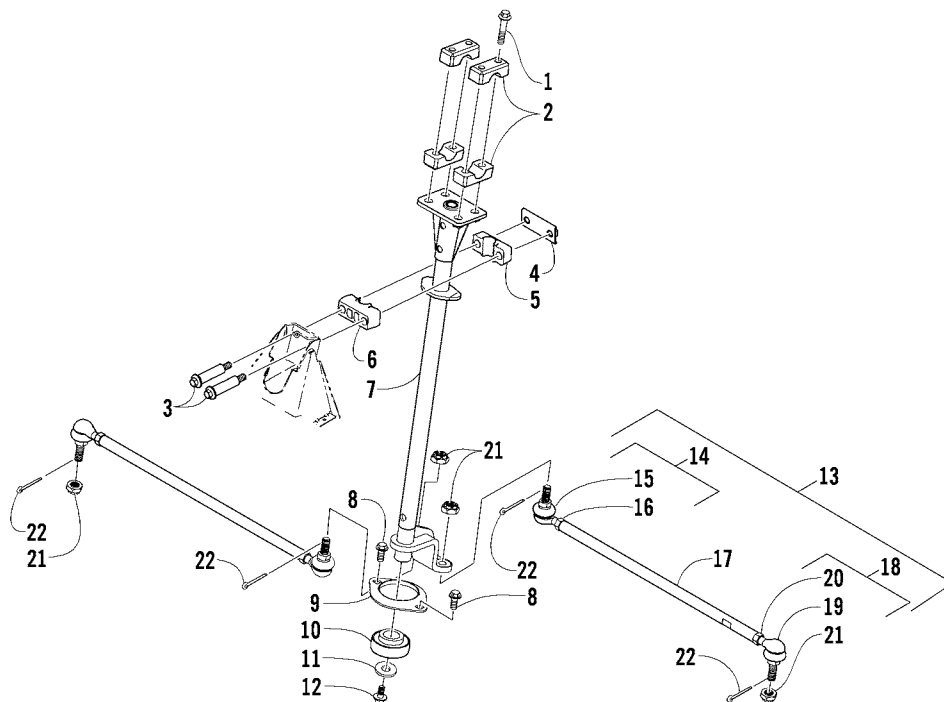
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2506-938</u>	1	Seat, Passenger - Assembly (inc. 2-19)	13	<u>2416-042</u>	1	● Cover, Switch
2	<u>2506-940</u>	1	● Seat, Passenger - Sub-Assembly (inc. 3-6)	14	0423-342	2	● Screw, Self-Tapping
3	<u>2506-944</u>	1	●● Cover, Seat - Passenger	15	<u>0486-318</u>	1	● Harness, Adapter - Handwarmer
4	<u>2506-942</u>	1	●● Foam, Seat - Passenger	16	<u>2516-040</u>	1	● Bracket, Seat Support - Assembly
5	2406-110	1	●● Base, Seat - Inner	17	<u>2406-895</u>	2	● End Cap, Seat Support
6	0624-263	AR	●● Staple	18	0423-538	2	● Screw, Self-Tapping
7	2406-044	1	● Base, Seat - Passenger	19	8427-602	4	● Nut, Lock
8	0411-814	1	● Decal, "Arctic Cat"	20	2506-806	1	Backrest Assembly (inc. 21-22)
9	2406-744	1	● Handhold, Passenger - Right	21	2406-765	1	● Foam, Backrest
	2406-745	1	● Handhold, Passenger - Left	22	2406-768	1	● Cover, Backrest
10	8432-802	6	● Nut, Lock	23	8408-816	4	Screw, Cap
11	8468-830	6	● Screw, Machine	24	2506-955	1	Bracket, Backrest Support
12	0409-126	1	● Switch, Handwarmer	25	<u>0423-889</u>	4	Screw, Cap



STORAGE BOX ASSEMBLY

0744-076

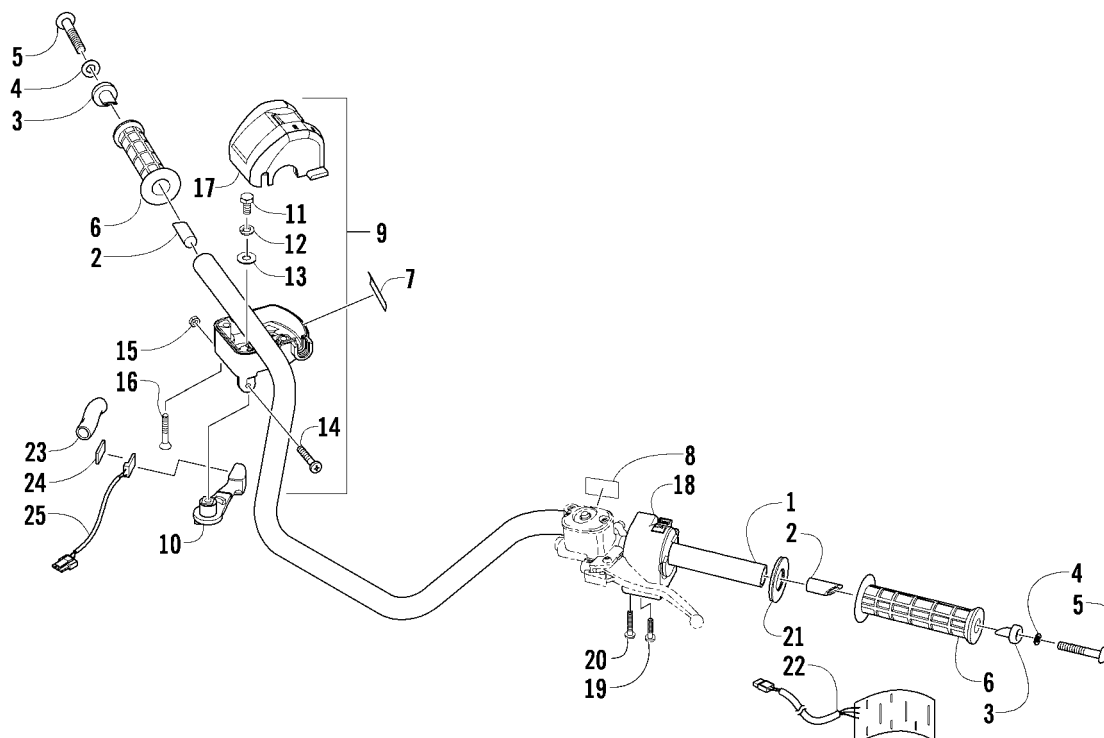
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>2516-096</u>	1	Box, Storage - Assembly (inc. 2-22)	15	2506-922	1	● Brace, Lid - Storage Box
2	<u>2516-098</u>	1	● Lid, Storage Box	16	2506-921	1	● Brace, Top - Storage Box
3	1411-725	1	● Decal, "Arctic Cat"	17	0423-355	4	● Screw, Shoulder
4	2406-907	1	● Latch, Storage Box Top	18	0423-087	8	● Washer
5	2406-787	1	● Seal, Storage Box Lid	19	2406-760	2	● Hinge, Half w/Slot
6	<u>2516-124</u>	1	● Top, Storage Box	20	0623-675	4	● Washer
7	2406-793	1	● Seal, Storage Box Top	21	2406-761	2	● Hinge, Half w/Tab
8	<u>0423-895</u>	8	● Bolt, Carriage	22	8477-616	12	● Screw, Machine
9	<u>2516-116</u>	2	● Plate, Retaining	23	0423-889	10	Screw, Machine
10	<u>0423-901</u>	8	● Nut, Cap	24	2406-843	4	Plug
11	<u>2516-117</u>	2	● Plate, Retaining	25	8477-620	3	Screw, Machine
12	<u>2516-337</u>	1	● Bottom, Storage Box (inc. 13)	26	2506-926	1	Bracket, Mounting - Safety Flag
13	1411-877	1	● Decal, Warning - Storage Box	27	0423-540	3	Nut, Lock
14	2406-792	1	● Latch, Storage Box Lid				



STEERING ASSEMBLY

0742-327 *Not a Service Part

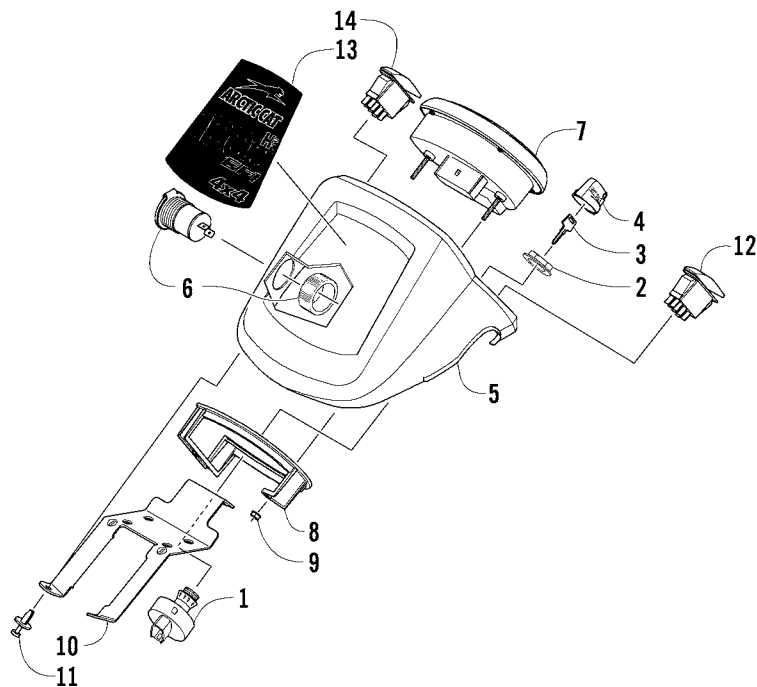
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	13	0505-499	2	Tie Rod - Assembly (inc. 14-20)
2	0405-035	4	Cap, Steering Adjuster	14	0505-511	2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 15-16)
3	0423-505	2	Screw, Shoulder	15	*	2	●● End, Tie Rod - Left-Hand Thread
4	0505-484	1	Cap, Housing	16	0423-013	2	●● Nut - Left-Hand Thread
5	0405-138	1	Housing, Lower	17	0405-281	2	● Tie Rod
6	0405-139	1	Housing, Upper	18	0505-510	2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 19-20)
7	0505-451	1	Post, Steering	19	*	2	●● End, Tie Rod - Right-Hand Thread
8	8408-816	2	Screw, Cap	20	8420-002	2	●● Nut - Right-Hand Thread
9	0602-233	1	Flange, Bearing	21	0423-157	4	Nut, Lock
10	0405-052	1	Bearing w/Inverted Oil Seal	22	0623-175	4	Pin, Cotter
11	0423-073	1	Washer				
12	8409-020	1	Screw, Cap				



HANDLEBAR ASSEMBLY

0744-058

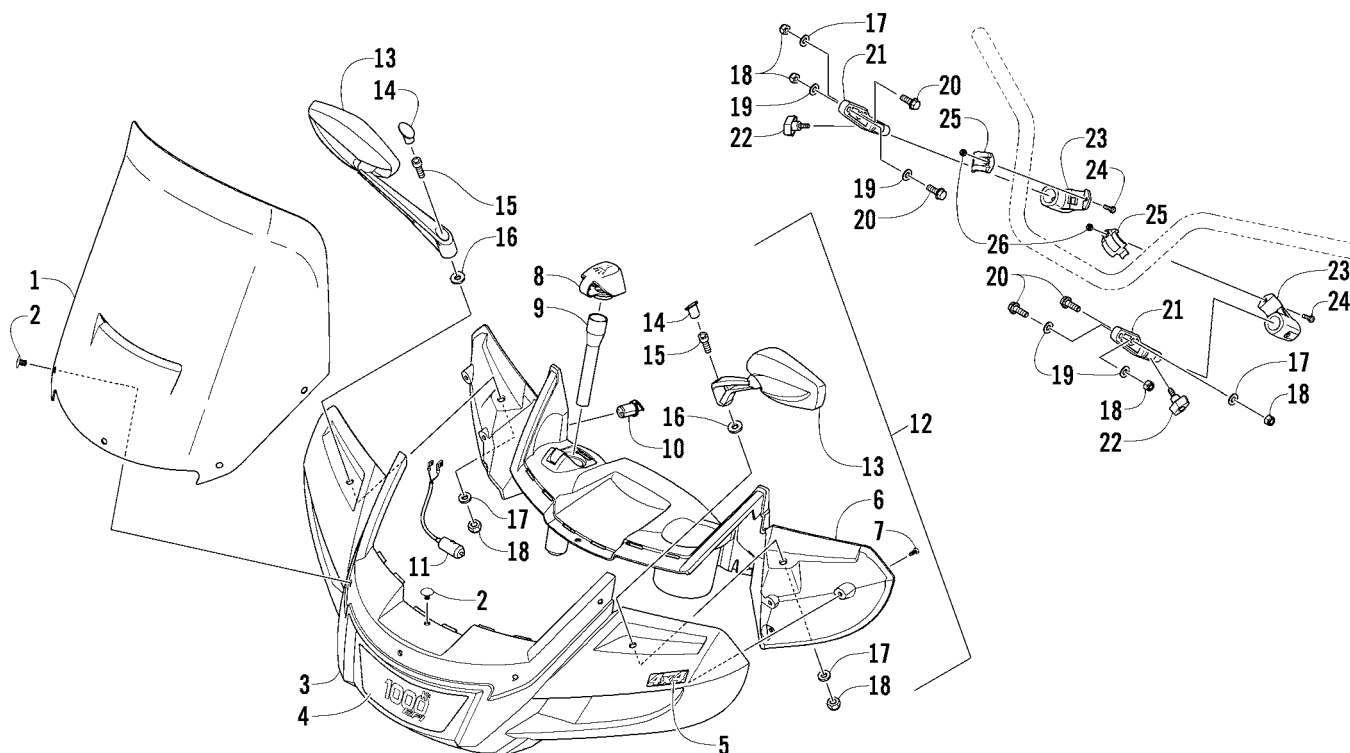
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-418	1	Handlebar	14	3423-014	1	● Screw, Machine
2	0405-218	2	Plug, Handlebar	15	3423-327	1	● Nut
3	0405-149	2	End Cap, Handlebar	16	3423-199	2	● Screw, Machine
4	8050-247	2	Washer	17	0409-119	1	● Cover, Throttle Case w/Switch
5	8477-845	2	Screw, Machine	18	0509-014	1	Switch, Control - Assembly (inc. 19-20)
6	0405-147	2	Grip, Handlebar	19	0409-027	1	● Screw, Machine
7	0411-966	1	Decal, Warning - Differential Lock	20	0409-028	1	● Screw, Machine
8	1411-865	1	Decal, Warning - Brake Lever Lock	21	3409-019	1	Cover, Switch Housing
9	0509-045	1	Case, Throttle - Assembly (inc. 10-17)	22	0609-800	2	Element, Handwarmer
10	3409-001	1	● Lever	23	0441-498	1	Tube, Shrink
11	3007-392	1	● Screw, Cap	24	0617-248	1	Pad, Insulator
12	3004-447	1	● Washer, Lock	25	0409-117	1	Element, Thumbwarmer
13	3003-030	1	● Washer				



INSTRUMENT POD ASSEMBLY

0744-081

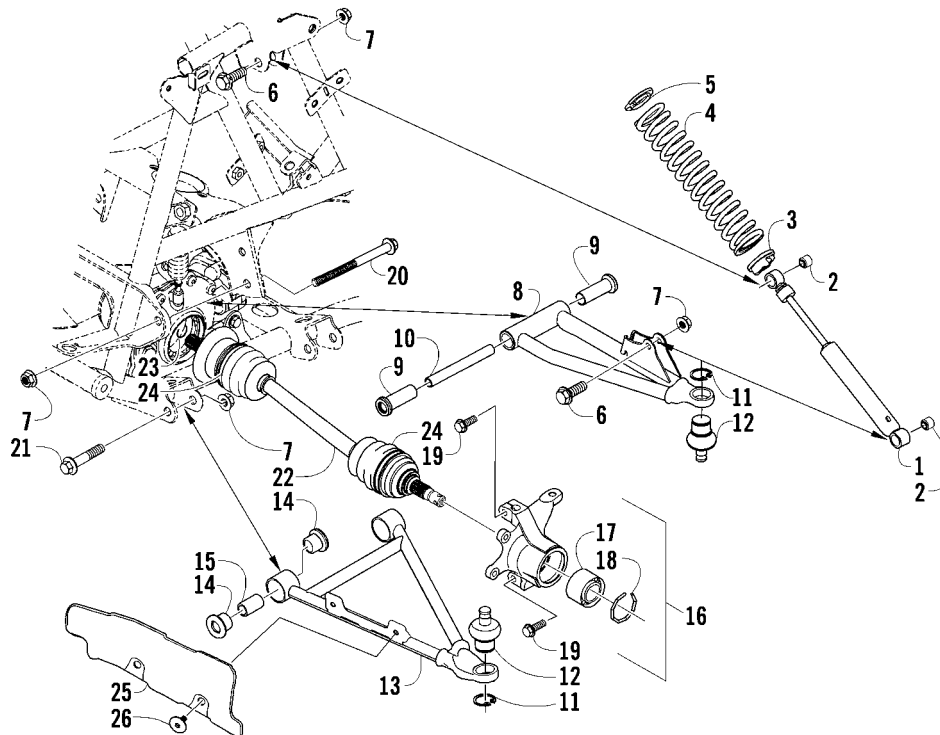
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0430-090	1	Switch, Ignition - Assembly (inc. 2-4)	8	0420-065	1	Bracket, Retaining
2	0430-050	1	● Nut, Retaining	9	0423-493	2	Nut w/Washer
3	0430-042	1	● Key, Ignition (Y Series - Left-Side Cut)	10	2506-470	1	Bracket, Mounting - Instrument Pod
	0430-043	1	● Key, Ignition (Z Series - Right-Side Cut)	11	0423-535	2	Rivet, Reinstallable
4	0430-054	1	● Cover, Key	12	0409-120	1	Switch, Differential Lock
5	0505-545	1	Instrument Pod	13	1411-843	1	Decal, Instrument Pod
6	0641-897	1	Outlet, Accessory - 12V	14	0409-121	1	Switch, Handwarmer
7	0520-032	1	Gauge, LCD				



WINDSHIELD ASSEMBLY

0744-231

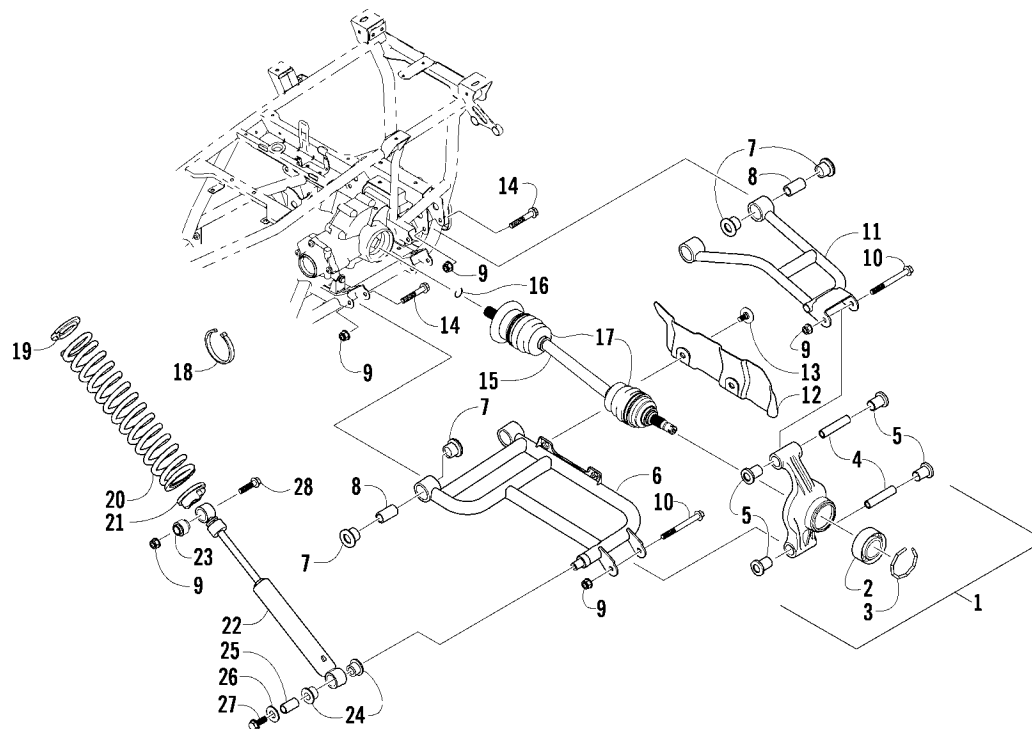
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0405-333</u>	1	Windshield	14	<u>0423-952</u>	2	● Plug
2	<u>0423-767</u>	6	Clip, Retaining	15	<u>8440-830</u>	2	● Screw, Cap
3	<u>0505-554</u>	1	Base, Windshield - Orange	16	<u>0423-951</u>	2	● Washer, Rubber
4	<u>1411-987</u>	1	Decal, Base - 1000 EFI	17	<u>8450-128</u>	4	● Washer
5	<u>1411-989</u>	1	Decal, Base - "4x4"	18	<u>8431-803</u>	6	● Nut
6	<u>0405-332</u>	1	Console - Black	19	<u>0423-948</u>	4	Washer
7	<u>0423-950</u>	6	Screw, Self-Tapping	20	<u>0423-949</u>	4	Screw, Cap
8	<u>0405-353</u>	1	Cover, Flashlight	21	<u>0405-352</u>	2	Pin, Mounting - Tapered
9	<u>1441-839</u>	1	Flashlight	22	<u>1441-624</u>	2	Knob, Adjuster
10	<u>0641-897</u>	1	Outlet, Accessory - 12V	23	<u>0405-350</u>	2	Clamp, Handlebar
11	<u>0486-319</u>	1	Adapter, Harness - Outlet Accessory	24	<u>8471-520</u>	2	Screw, Machine
12	<u>1436-326</u>	1	Kit, Mirror (inc. 13-16 and two No. 17-18)	25	<u>0405-351</u>	2	Cap, Handlebar Clamp
13	<u>0405-322</u>	1	● Mirror - Right	26	<u>8431-503</u>	2	Nut, Lock
	<u>0405-323</u>	1	● Mirror - Left				



FRONT SUSPENSION ASSEMBLY

0743-294

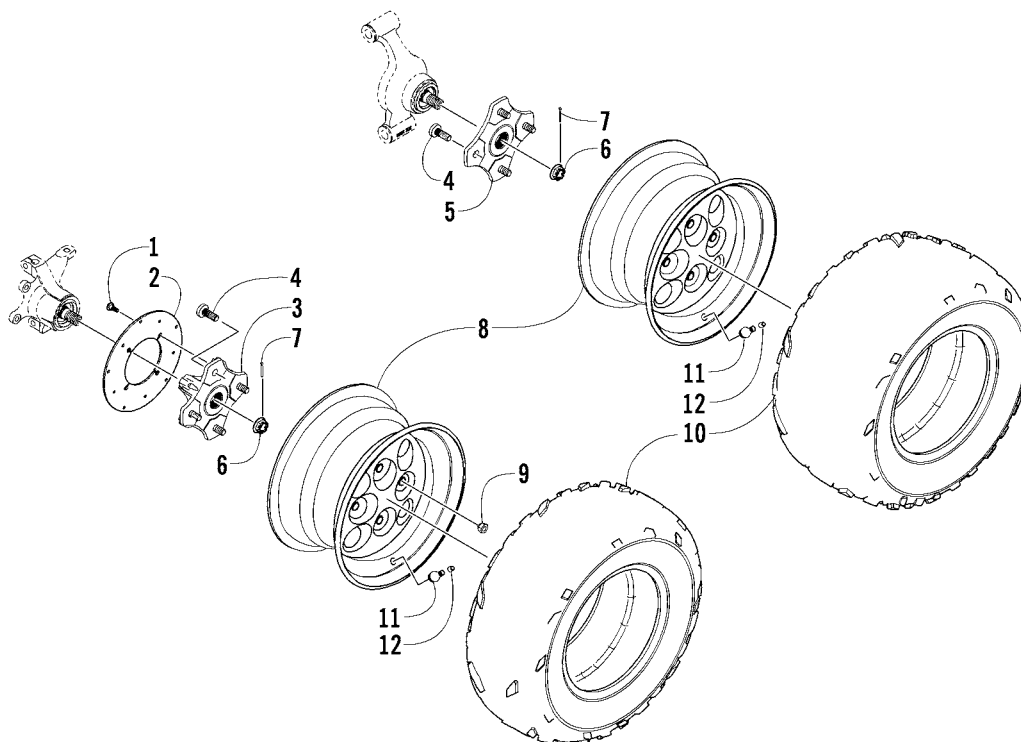
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0403-209	2	Shock Absorber (inc. 2)	14	0403-115	8	● Bushing
2	0403-182	4	● Bushing	15	0403-114	4	● Axle
3	0403-102	2	Cam, Spring Adjuster	16	0505-578	1	Knuckle - Assembly - Right (inc. 17-18)
4	0503-353	2	Spring, Suspension - Black		0505-579	1	Knuckle - Assembly - Left (inc. 17-18)
5	1603-889	2	Retainer, Spring	17	1402-809	2	● Bearing
6	8409-040	4	Screw, Cap	18	0423-423	2	● Ring, Retaining
7	0423-744	10	Nut, Lock	19	8409-030	4	Screw, Cap
8	0503-196	1	A-Arm, Upper Right - Black (inc. 9-12)	20	0423-334	2	Screw, Cap
	0503-197	1	A-Arm, Upper Left - Black (inc. 9-12)	21	8409-075	4	Screw, Cap
9	0403-081	4	● Bushing	22	1502-344	1	Axle, Drive - Right (inc. 23-24)
10	0403-080	2	● Axle		1502-345	1	Axle, Drive - Left (inc. 23-24)
11	0423-009	4	● Ring, Retaining	23	0423-844	2	● Clip, Retaining
12	0405-115	4	● Ball Joint	24	0436-276	2	● Repair Kit, Boot
13	0503-376	1	A-Arm, Lower Right - Black (inc. 14-15 and two No. 11-12)	25	1406-034	1	Guard, Boot - Right - Black
	0503-377	1	A-Arm, Lower Left - Black (inc. 14-15 and two No. 11-12)		1406-035	1	Guard, Boot - Left - Black
				26	0423-545	4	Screw, Shoulder



REAR SUSPENSION ASSEMBLY

0743-295

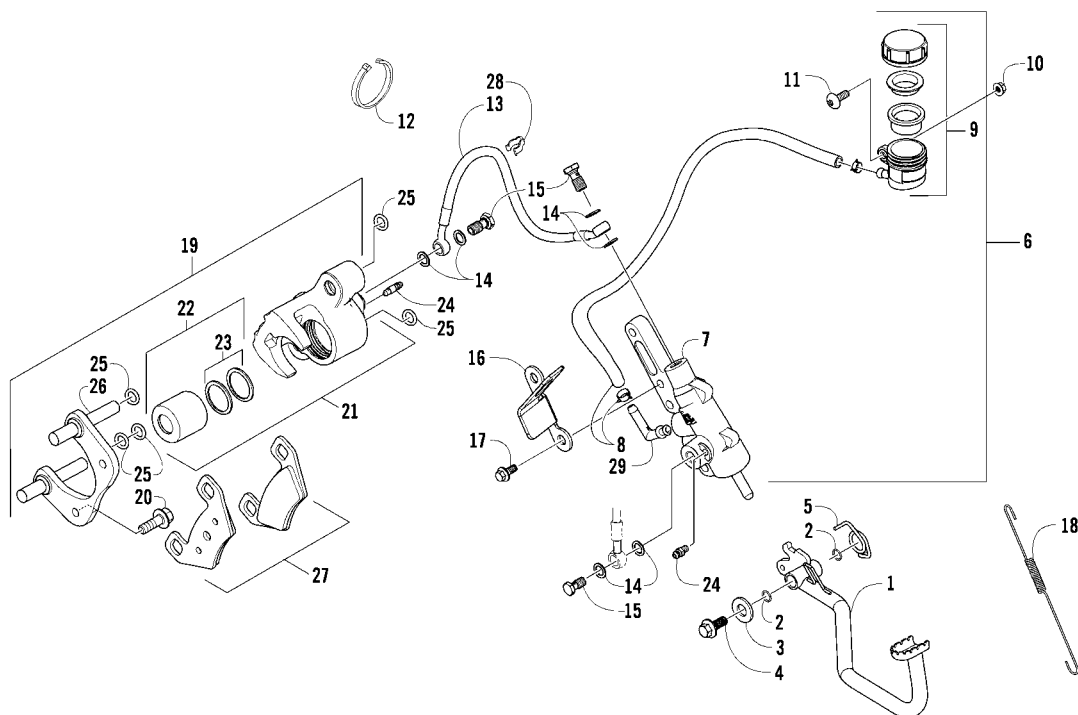
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0504-550</u>	1	Knuckle, Right Rear - Assembly (inc. 2-5)	13	0423-545	4	Screw, Shoulder
	<u>0504-551</u>	1	Knuckle, Left Rear - Assembly (inc. 2-5)	14	8409-075	8	Screw, Cap
2	<u>1402-809</u>	2	● Bearing	15	<u>1502-343</u>	2	Axle, Drive (inc. 16-17)
3	0423-423	2	● Ring, Retaining	16	<u>0423-845</u>	2	● Clip, Retaining
4	0403-038	4	● Axle	17	0436-276	2	● Repair Kit, Boot
5	0403-032	8	● Bushing	18	0123-788	AR	Tie, Cable - 8 in.
6	<u>0504-572</u>	1	A-Arm, Rear - Lower Right - Black (inc. 7-8)	19	1603-889	2	Retainer, Spring
	<u>0504-573</u>	1	A-Arm, Rear - Lower Left - Black (inc. 7-8)	20	<u>0504-542</u>	2	Spring, Suspension - Black
7	0403-115	16	● Bushing	21	0404-057	2	Cam, Spring Adjuster
8	0403-114	8	● Axle	22	0404-158	2	Shock Absorber (inc. 23-25)
9	0423-744	14	Nut, Lock	23	0403-182	2	● Bushing, Double-Bonded
10	8409-000	4	Screw, Cap	24	0603-955	4	● Bushing
11	<u>0504-582</u>	1	A-Arm, Rear - Upper Right - Black (inc. 7-8)	25	1603-219	2	● Sleeve
	<u>0504-583</u>	1	A-Arm, Rear - Upper Left - Black (inc. 7-8)	26	0423-087	2	Washer
12	1406-068	1	Guard, Boot - Rear - Right - Black	27	8408-820	2	Screw, Cap
	1406-069	1	Guard, Boot - Rear - Left - Black	28	8409-050	2	Screw, Cap



WHEEL AND TIRE ASSEMBLY

0743-964

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder	8	1402-730	2	Wheel - Front - Aluminum
2	1436-164	3	Disc, Brake		1402-731	2	Wheel - Rear - Aluminum
3	1502-437	2	Hub, Wheel - Front (inc. 4)	9	0423-618	16	Nut, Lug - Chrome
4	0402-974	16	● Stud	10	1402-699	2	Tire - Front
5	1502-437	2	Hub, Wheel - Rear (inc. 4)		1402-700	2	Tire - Rear
6	0423-607	4	Nut, Castle	11	0402-064	4	Stem, Valve (inc. 12)
7	0423-407	4	Pin, Cotter	12	0402-140	4	● Cap, Valve Stem



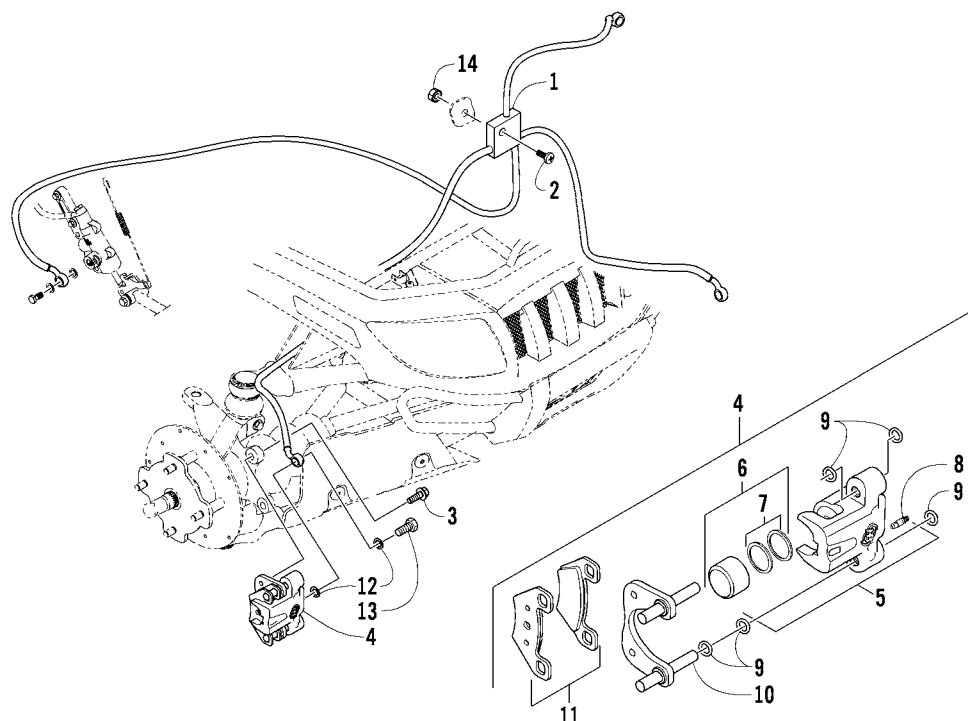
AUXILIARY BRAKE ASSEMBLY

(Master Cylinder Replacement Kit p/n 1502-294)

0744-083 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-162	1	Lever, Brake	17	8408-625	2	Screw, Cap
2	1602-213	2	O-Ring	18	0502-785	1	Spring, Brake Switch
3	8050-252	1	Washer	19	1436-162	1	Caliper, Brake
4	8408-816	1	Screw, Cap				(inc. 20-23, one No. 24, and 25-27)
5	0502-807	1	Spring, Brake Lever	20	8408-821	2	● Screw, Cap
6	1502-293	1	Brake Assembly (inc. 7-9)	21	1436-160	1	● Housing, Caliper - Assembly - Right Rear
7	*	1	● Master Cylinder				(inc. 20, 22-23, and one No. 24)
8	*	1	● Hose, Brake Reservoir w/Clamps	22	0502-606	1	●● Piston/Seal Set (inc. 23)
9	1502-155	1	● Reservoir, Brake w/Clamp	23	0502-607	1	●●● Seal Set
10	0623-038	1	Nut w/Washer	24	0502-609	2	●● Valve, Bleed
11	8476-616	1	Screw, Machine	25	0502-608	1	● O-Ring, Guide - Set
12	0123-788	AR	Cable Tie - 8 in.	26	0502-605	1	● Bracket Assembly
13	1502-140	1	Hose, Brake	27	1436-165	1	● Pad, Brake - Set
14	0423-178	6	Washer, Crush	28	1502-115	2	Clip, Brake Hose
15	0423-413	3	Bolt, Banjo-Fitting	29	1502-296	1	Adapter, Hose
16	0502-840	1	Bracket, Switch				

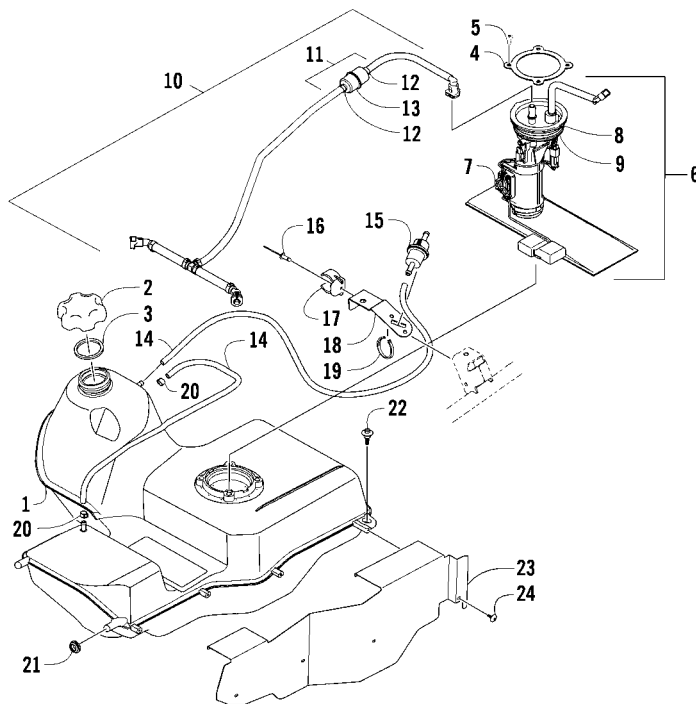
16



HYDRAULIC BRAKE ASSEMBLY

0742-383

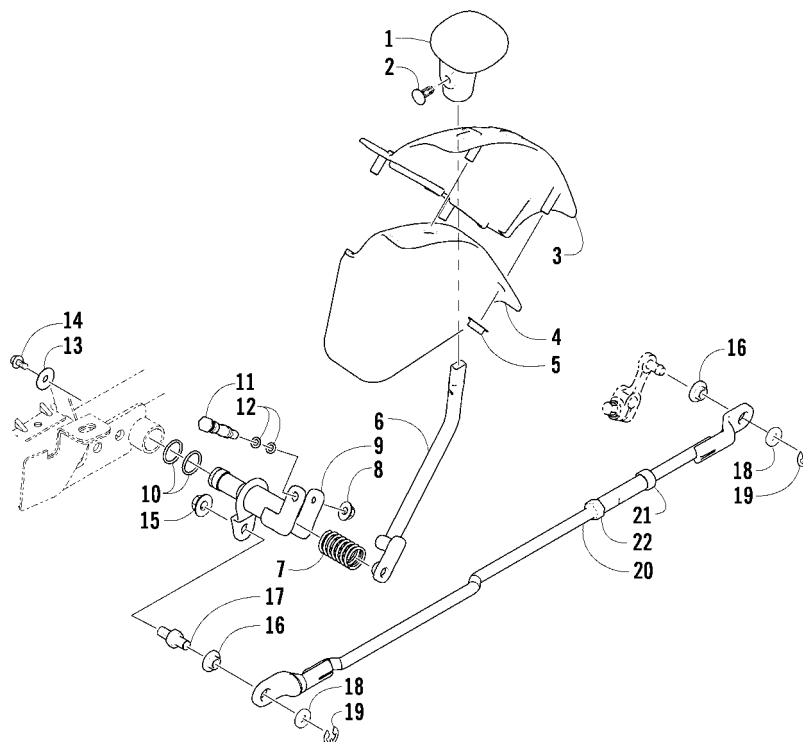
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-015	1	Hose, Brake - Assembly	6	0502-606	2	●● Piston/Seal Set (inc. 7)
2	8476-625	1	Screw, Machine	7	0502-607	2	●●● Seal Set
3	8408-821	4	Screw, Cap	8	0502-609	2	●● Valve, Bleed
4	1436-162	1	Caliper, Brake - Right Front (inc. two No. 3 and 5-11)	9	0502-608	2	● O-Ring, Guide - Set
	1436-163	1	Caliper, Brake - Left Front (inc. two No. 3 and 5-11)	10	0502-605	2	● Bracket Assembly
5	1436-160	1	● Housing, Caliper - Assembly - Right Front (inc. 6-8)	11	1436-165	2	● Pad, Brake - Set
	1436-161	1	● Housing, Caliper - Assembly - Left Front (inc. 6-8)	12	0423-178	4	Washer, Crush
				13	0423-413	2	Bolt, Banjo-Fitting
				14	0623-038	1	Nut w/Washer



GAS TANK ASSEMBLY

0744-085 *Not a Service Part

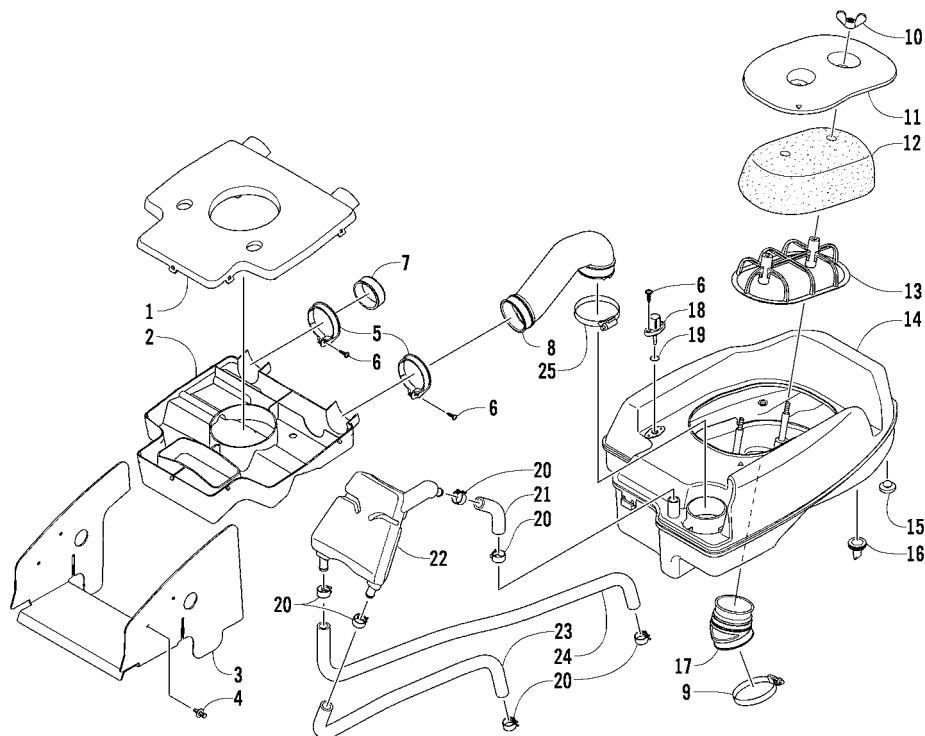
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-206	1	Tank, Gas - Assembly (inc. 2-5)	13	*	1	●● Filter, Fuel
2	0470-438	1	● Cap, Gas Tank (inc. 3)	14	0410-070	AR	Hose, Gasline - 25 ft
3	0109-733	1	●● Gasket, Gas Tank Cap	15	0510-335	1	Filter, In-Line
4	0470-606	1	● Plate, Mounting - Fuel Pump	16	8060-628	1	Rivet
5	8476-612	4	● Screw, Self-Tapping	17	1670-826	1	Bracket, Fuel Filter
6	0570-271	1	Pump, Fuel - Assembly (inc. 7-9)	18	0470-794	1	Bracket, Filter Mounting
7	0570-252	1	● Sensor, Fuel Level - Kit (inc. 8-9)	19	0123-788	AR	Tie, Cable - 8 in.
8	0470-614	1	●● Seal, Fuel Pump	20	0423-688	2	Clamp, Hose
9	0470-613	1	●● Seal, Fuel Pump	21	0423-460	2	Grommet
10	0570-247	1	Hose, Gasline - Assembly (inc. 11-13)	22	0423-732	2	Screw, Shoulder
11	0570-246	1	● Filter, Fuel - Kit (inc. 12-13)	23	0470-822	1	Shield, Heat
12	*	2	●● Clamp, Hose	24	0623-797	4	Screw, Self-Tapping



SHIFT LEVER ASSEMBLY

0744-084

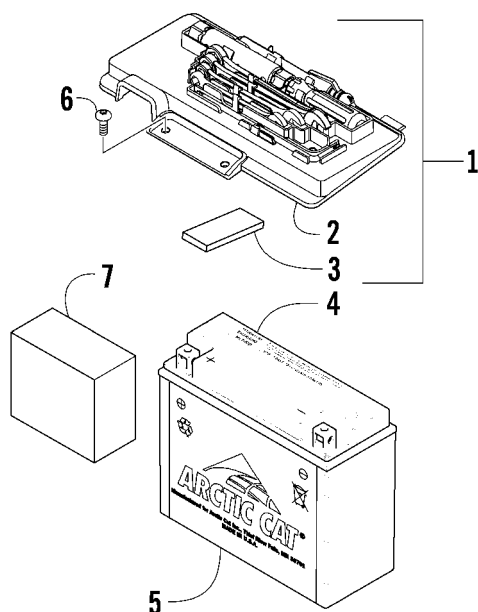
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Shift	12	0423-182	2	O-Ring
2	0423-345	1	Clip, Retaining	13	0423-087	1	Washer
3	1402-576	1	Plate, Shift	14	8408-812	1	Screw, Cap
4	2406-345	1	Shield, Shift Plate	15	8424-802	1	Nut
5	0423-357	4	Nut, Stamped	16	0423-091	2	Bushing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



AIR INTAKE ASSEMBLY

0743-898

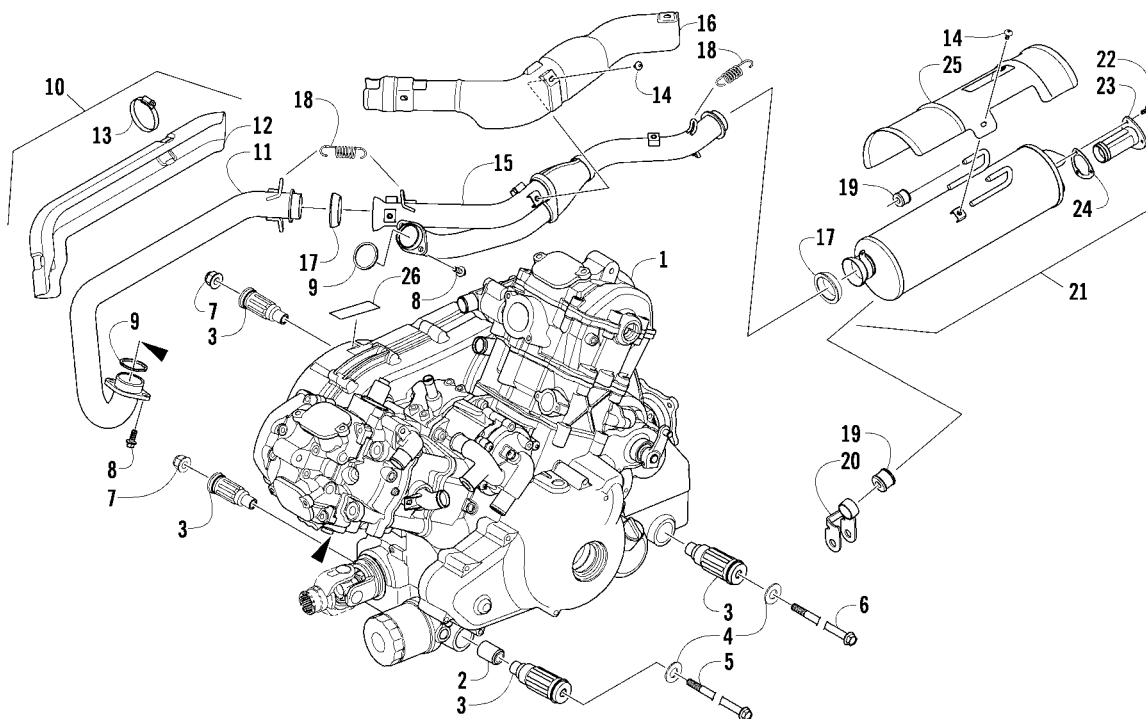
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-091	1	Diverter, Air - Top	14	0570-221	1	Housing, Air Intake
2	0413-093	1	Diverter, Air - Bottom	15	0406-877	4	Bumper
3	2406-509	1	Shroud, Splash	16	0470-442	2	Valve, Drain
4	0623-362	2	Rivet, Reinstallable	17	0470-638	1	Boot, Throttle 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	1623-285	6	Clamp, Hose
8	0470-583	1	Boot, Air Intake	21	0410-152	1	Hose, Separator Tank
9	0423-019	1	Clamp	22	0470-718	1	Tank, Separator
10	0423-716	2	Wing Nut	23	0410-150	1	Hose, Crankcase
11	0470-832	1	Cover, Air Intake	24	0410-151	1	Hose, Crankcase
12	0470-828	1	Filter, Air	25	0423-066	1	Clamp, Hose
13	0470-731	1	Support, Air Filter				



BATTERY ASSEMBLY

0742-782 *Not Illustrated

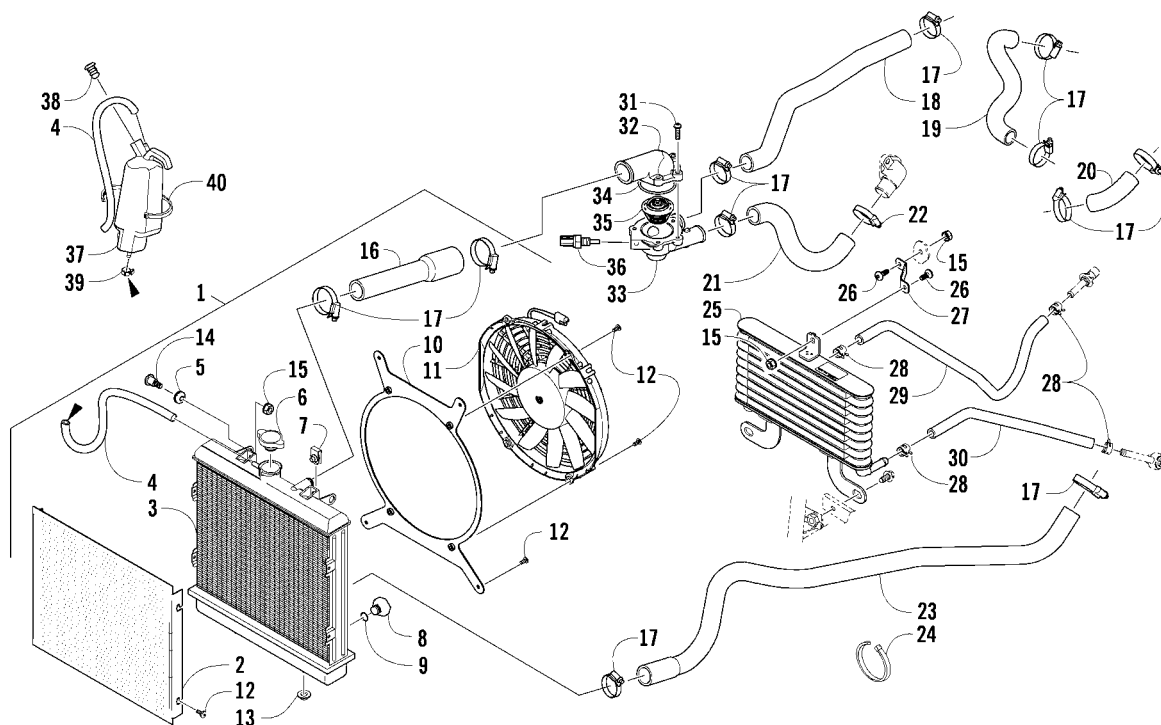
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>5991-655</u>	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	4	<u>0645-480</u>	1	Battery Assembly (inc. 5)
2	<u>2406-815</u>	1	● Cover, Battery	5	<u>0645-430</u>	1	● Decal, Warning
3	<u>0417-016</u>	1	● Pad, Battery	6	<u>8476-620</u>	2	Screw, Machine
*	<u>0444-122</u>	1	● Kit, Tool	7	<u>0417-017</u>	1	Foam, Battery



ENGINE AND EXHAUST

0744-086

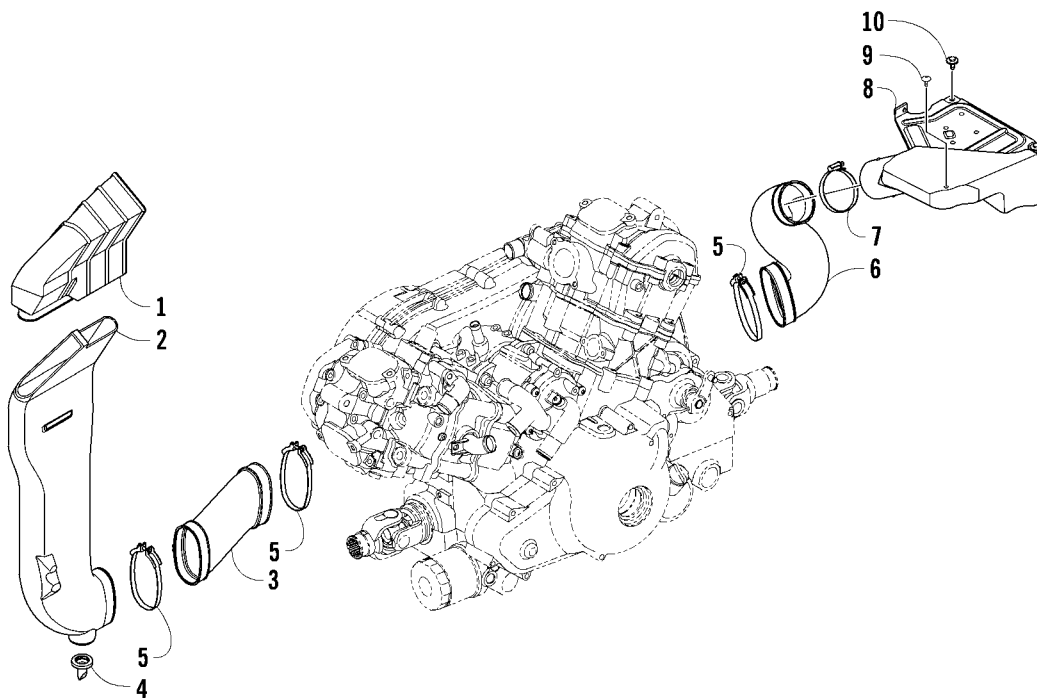
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0800-075	1	Engine, A950D (inc. 2-3)	14	8477-610	8	Screw, Machine
2	0801-128	1	● Spacer, Engine Mount	15	0512-453	1	Pipe, Exhaust - Rear
3	0801-091	4	● Mount, Engine	16	0412-484	1	Shield, Exhaust Pipe - Rear
4	0423-426	2	Washer	17	0412-375	2	Seal, Exhaust Pipe
5	0423-734	1	Screw, Cap	18	0612-668	4	Spring, Extension
6	0423-451	1	Screw, Cap	19	0412-215	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

0743-628

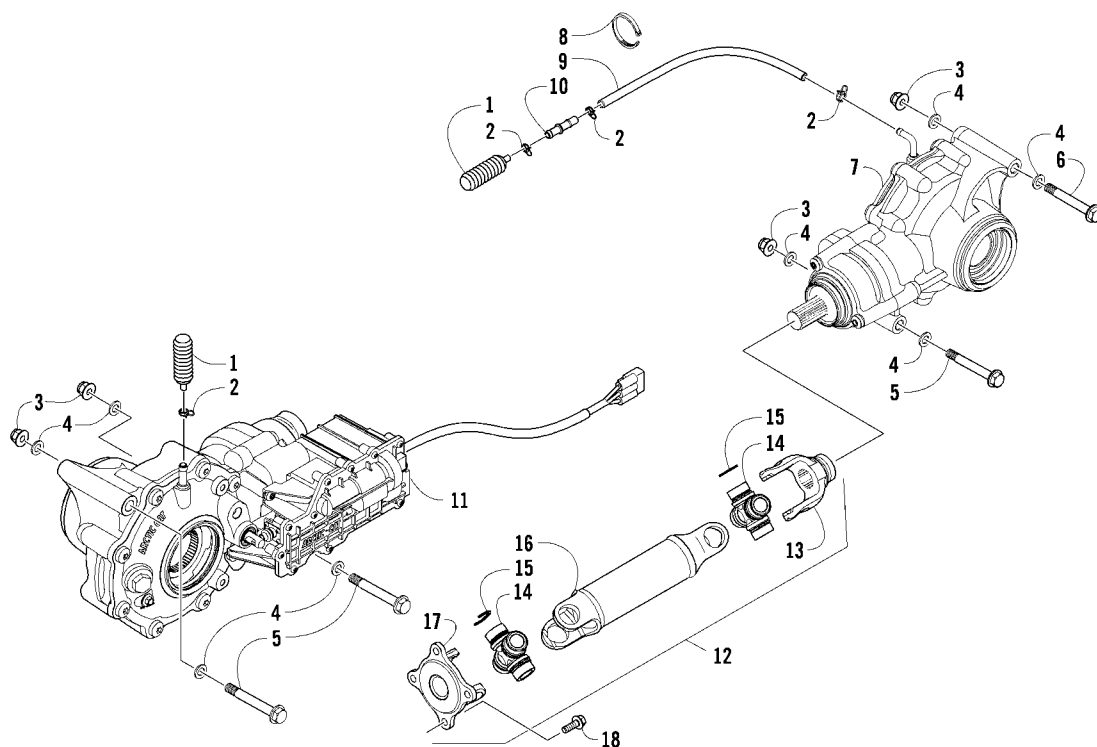
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0413-212</u>	1	Radiator Assembly (inc. 2-12)	21	0410-117	1	Hose, Coolant - No. 1
2	<u>0413-214</u>	1	● Screen, Radiator	22	1623-093	1	Clamp, Hose
3	<u>0413-216</u>	1	● Radiator	23	0410-119	1	Hose, Coolant - Suction Pump - Lower
4	0610-011	AR	● Hose - 25 ft	24	0123-788	AR	Cable Tie - 8 in.
5	0423-030	2	● Grommet	25	<u>0413-211</u>	1	Cooler, Oil
6	0413-002	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	0410-168	1	Hose, Oil Cooler - Out
10	<u>0413-217</u>	1	● Bracket, Mounting - Fan	30	0410-149	1	Hose, Oil Cooler - In
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	0808-091	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	0410-118	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.



CASE/BELT COOLING ASSEMBLY

0742-968

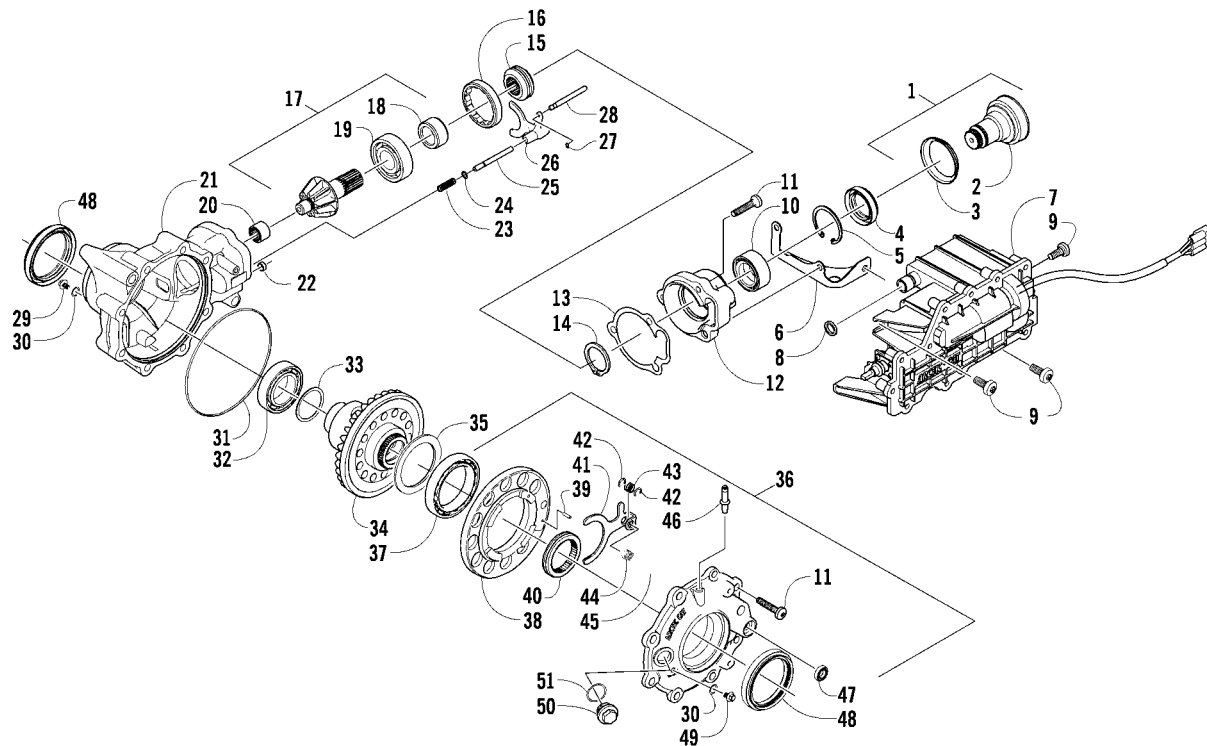
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-137	1	Shroud, Air - Air In	6	0413-135	1	Boot, Cooling - Air Out
2	0413-138	1	Duct, Cooling - Air In	7	0423-019	1	Clamp
3	0413-139	1	Boot, Cooling - Air In	8	<u>0413-207</u>	1	Duct, Cooling - Air Out
4	0470-442	1	Valve, Drain	9	0623-797	1	Screw, Self-Tapping
5	0423-730	3	Clamp	10	0623-362	2	Rivet, Reinstallable



DRIVE TRAIN ASSEMBLY

0744-087

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1402-620	2	Bladder, Gearcase	10	0470-702	1	Fitting, Vent
2	0423-315	4	Clamp, Fitting	11	<u>1502-395</u>	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. four No. 15)
6	0423-830	1	Screw, Cap	15	0423-395	8	● Ring, Retaining
7	<u>1502-403</u>	1	Gearcase, Rear	16	1502-099	1	● Driveshaft, Rear
8	0123-788	AR	Tie, Cable - 8 in.	17	1402-689	1	● Yoke, Flange
9	0410-070	AR	Hose, Vent - 25 ft	18	8408-820	4	Screw, Cap

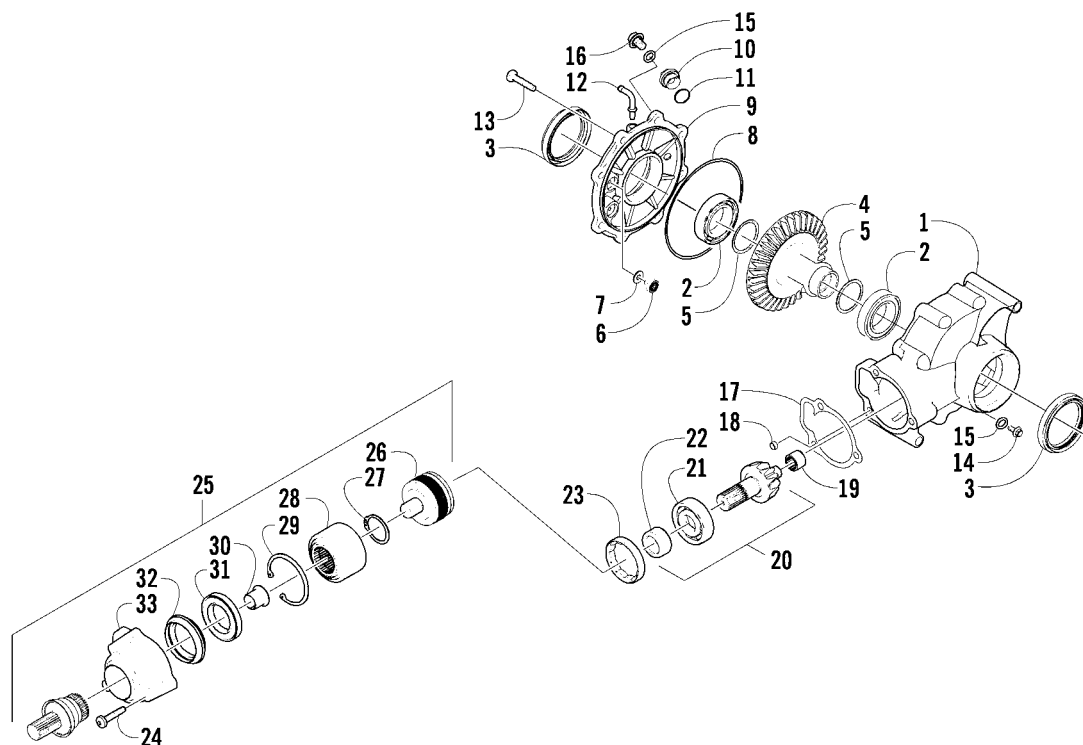


FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-395)

0743-254

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
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	<u>1502-237</u>	1	Bracket, Actuator		0402-408	AR	Shim
7	<u>0502-585</u>	1	Actuator		0402-409	AR	Shim
8	<u>0423-892</u>	1	O-Ring	34	<u>1502-554</u>	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	<u>1502-389</u>	1	Cover, Gearcase
15	0402-413	1	Coupler, Drive				(inc. one No. 30 and 37-49)
16	0402-357	1	Collar, Lock	37	1402-053	1	● Bearing
17	0502-784	1	Gear, Pinion - Assembly - 11T (inc. 18-19)	38	0502-413	1	● Flange, Bearing
18	0402-336	1	● Collar, Retaining	39	1402-079	1	● Pin, Alignment
19	0402-327	1	● Bearing	40	1402-042	1	● Collar, Sliding
20	0402-328	1	Bearing	41	1402-054	1	● Fork
21	0502-514	1	Housing, Gearcase	42	1402-058	2	● Ring, Retaining
22	0402-411	1	Pin, Dowel	43	1402-057	1	● Spring
23	0402-999	1	Spring, Return	44	1402-063	1	● Spring
24	0423-147	1	O-Ring	45	<u>1402-656</u>	1	● Shaft, Lock
25	0402-417	1	Shaft, Shuttle	46	1402-104	1	● Fitting
26	0402-998	1	Fork, Selector	47	1402-056	1	● Seal
27	0423-402	1	Ring, Retaining	48	<u>1402-713</u>	2	● Seal
28	0402-997	1	Shaft, Selector	49	1402-211	1	● Plug, Oil Level (inc. one No. 30)
29	1402-210	1	Plug, Magnetic (inc. one No. 30)	50	0402-333	1	Plug, Fill (inc. 51)
30	0423-153	2	● O-Ring	51	0423-154	1	● O-Ring

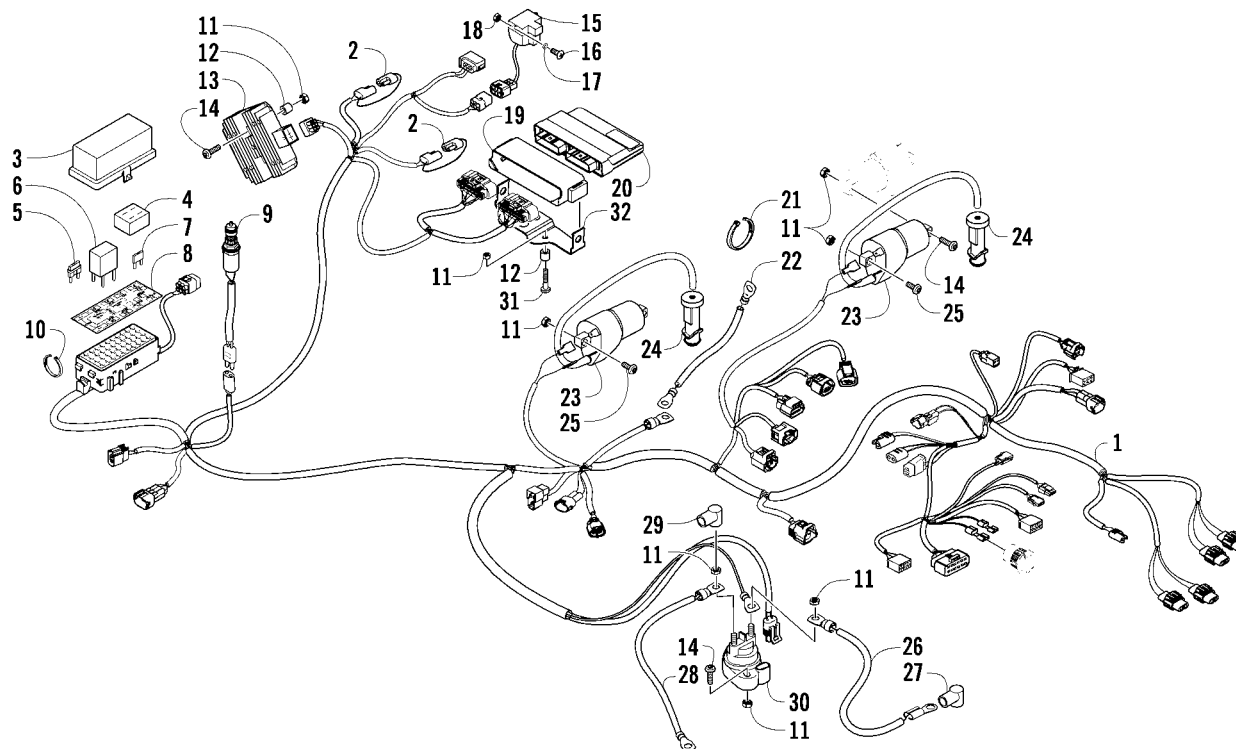


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-403)

0742-972

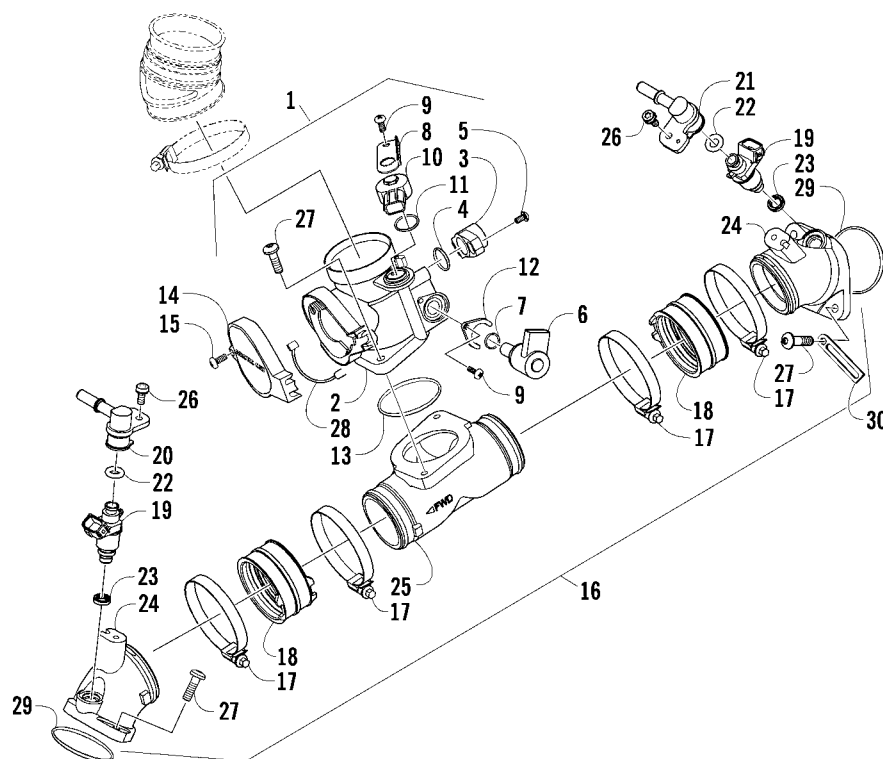
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-317	1	Housing, Gearcase	14	0402-450	1	Plug, Magnetic (inc. one No. 15)
2	0402-393	2	Bearing	15	0423-153	2	● O-Ring
3	<u>1402-713</u>	2	Seal	16	1402-211	1	Plug, Oil Level (inc. one No. 15)
4	1402-033	1	Gear, Ring - 34T	17	0402-947	1	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
13	0423-118	8	Screw, Self-Tapping				



WIRING HARNESS ASSEMBLY

0744-089

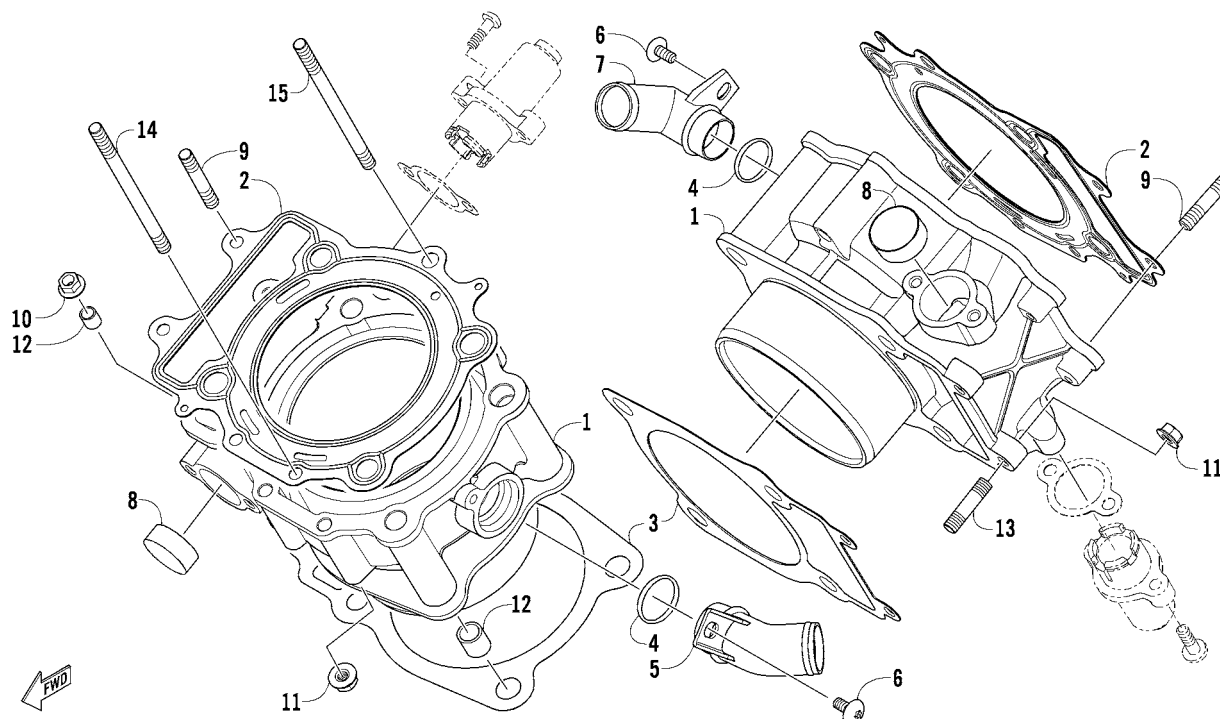
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-317	1	Harness, Main (inc. 2-8)	16	8468-425	2	Screw, Machine
2	0486-164	2	● Tether, Accessory Connector	17	0123-802	2	Washer
3	0530-008	1	● Cover, Fuse Block	18	0423-493	2	Nut w/Washer
4	0430-037	1	● Holder, Fuse	19	0430-059	1	Cushion, ECU
5	0430-034	2	● Diode	20	0530-016	1	ECU
6	0430-045	5	● Relay (4-Pin) - 20 Amp	21	0123-903	AR	Tie, Cable - 11.5 in.
7	0430-032	6	● Fuse - 10 Amp	22	0445-071	1	Cable, Battery/Ground
	0430-031	3	● Fuse - 15 Amp	23	0824-043	2	Coil, Ignition - Assembly
	0430-030	2	● Fuse - 30 Amp	24	0824-049	2	Cap, Spark Plug
8	1411-940	1	● Decal, Fuse Block	25	8476-620	2	Screw, Machine
9	0409-089	1	Switch, Brake - Assembly	26	0445-066	1	Cable, Solenoid/Starter (inc. 27)
10	0123-788	AR	Tie, Cable - 8 in.	27	0645-019	1	● Boot, Terminal
11	0623-038	11	Nut w/Washer	28	0445-062	1	Cable, Battery/Solenoid
12	0423-036	4	Spacer	29	0645-327	1	Boot, Terminal - Solenoid
13	0824-037	1	Regulator, Voltage	30	0445-058	1	Solenoid
14	8476-630	5	Screw, Machine	31	8476-635	2	Screw, Machine
15	0409-064	1	Switch, Tilt Sensor	32	2406-728	1	Bracket, Mounting - ECU



THROTTLE BODY ASSEMBLY

0742-977 *Not a Service Part

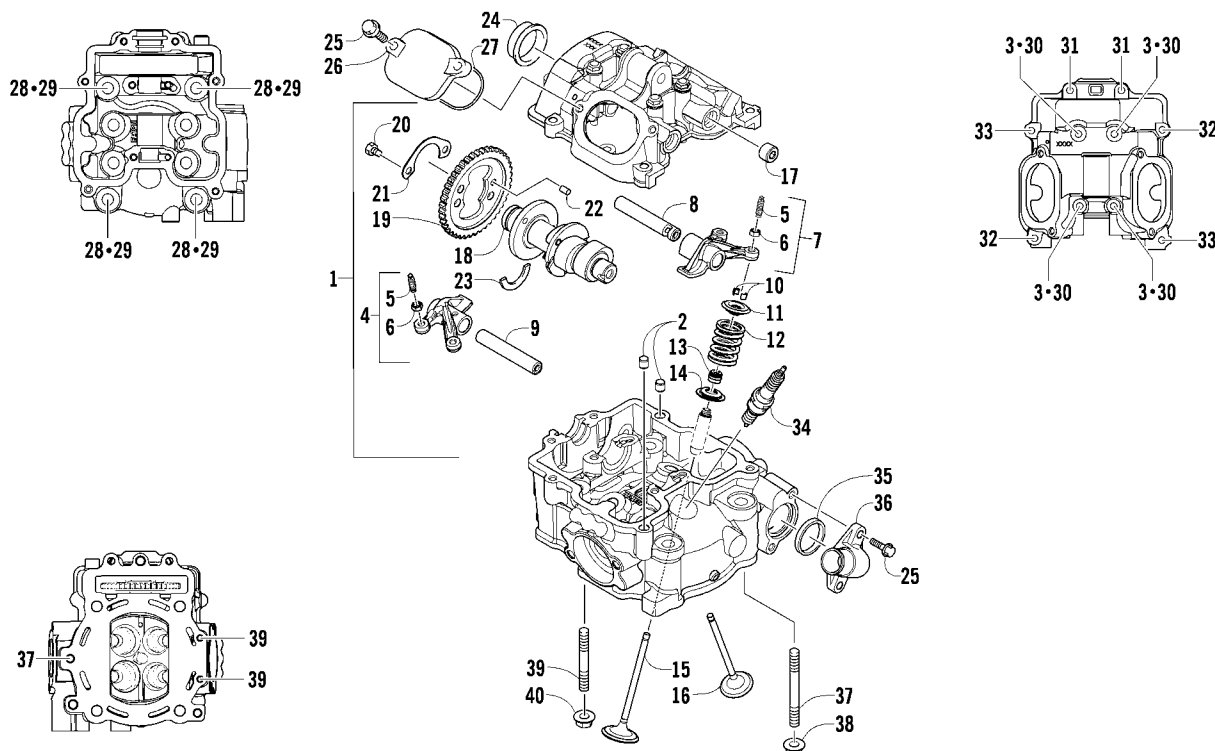
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0470-686	1	Throttle - Assembly (inc. 2-15)	16	0570-230	1	Manifold, Intake - Assembly (inc. 17-26)
2	*	1	● Throttle Body	17	0423-066	4	● Clamp
3	0430-072	1	● Sensor, Throttle Position	18	0470-660	2	● Boot, Intake - Manifold
4	5507-234	1	● 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

0743-910

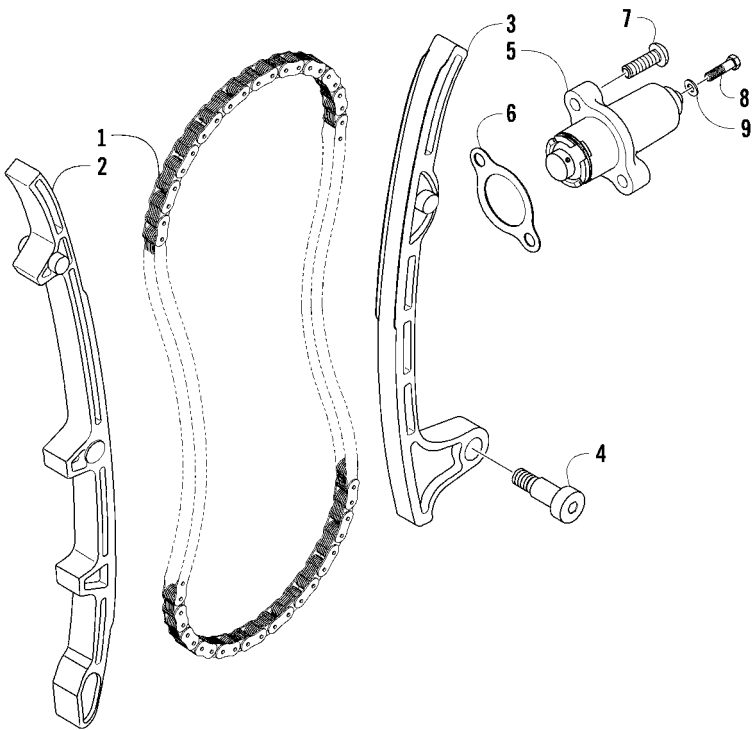
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0804-031	2	Cylinder	9	0827-002	4	Bolt, Stud
2	0830-126	2	Gasket, Head	10	8424-804	2	Nut
3	0830-127	2	Gasket, Base	11	8424-604	8	Nut
4	0830-007	2	O-Ring	12	0829-002	8	Pin, Dowel
5	0804-046	1	Union, Coolant Hose	13	0827-018	4	Bolt, Stud
6	8468-612	2	Screw, Machine	14	0827-030	4	Bolt, Stud
7	0804-030	1	Union, Coolant Hose	15	0827-031	2	Bolt, Stud
8	0804-037	2	Plug, Cylinder				



CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0743-989

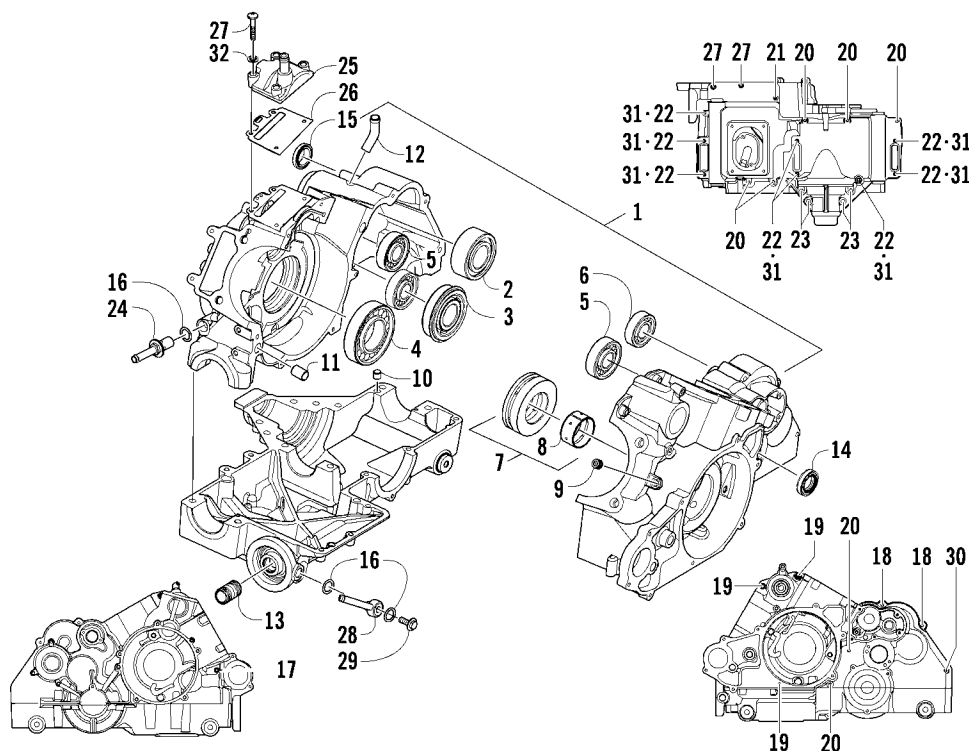
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0808-135	2	Head, Cylinder - Assembly (inc. 2-17)	20	0826-034	4	Screw, Cap
2	0829-001	4	● Pin, Dowel	21	0828-004	2	Plate, Retainer
3	0826-001	8	● Screw, Cap	22	0829-049	2	Pin, Dowel
4	0809-202	2	● Arm, Valve Rocker - Intake (inc. two No. 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	0831-066	4	● Plug, Shaft	36	0808-008	2	Cover, Thermostat
18	0809-246	1	Camshaft, Front Cylinder	37	0827-031	2	Bolt, Stud
19	0809-248	1	Camshaft, Rear Cylinder	38	8424-804	2	Nut
	0809-002	2	Sprocket	39	0827-002	4	Bolt, Stud
				40	8424-604	4	Nut



CAM CHAIN ASSEMBLY

0742-979

Ref. Part No. Qty. Description				Ref. Part No. 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				



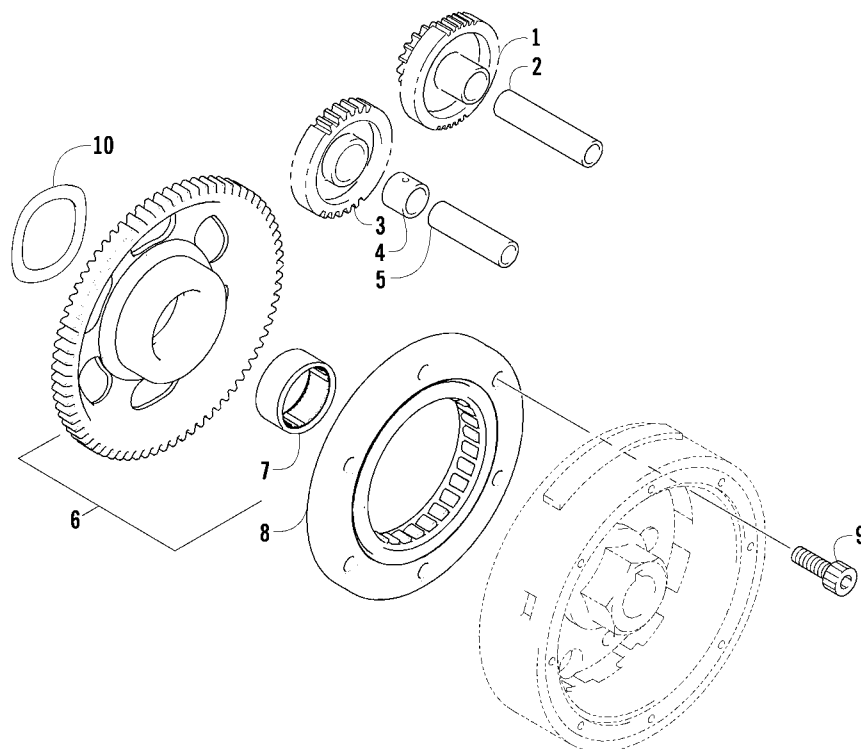
CRANKCASE ASSEMBLY

0743-990

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

0742-235

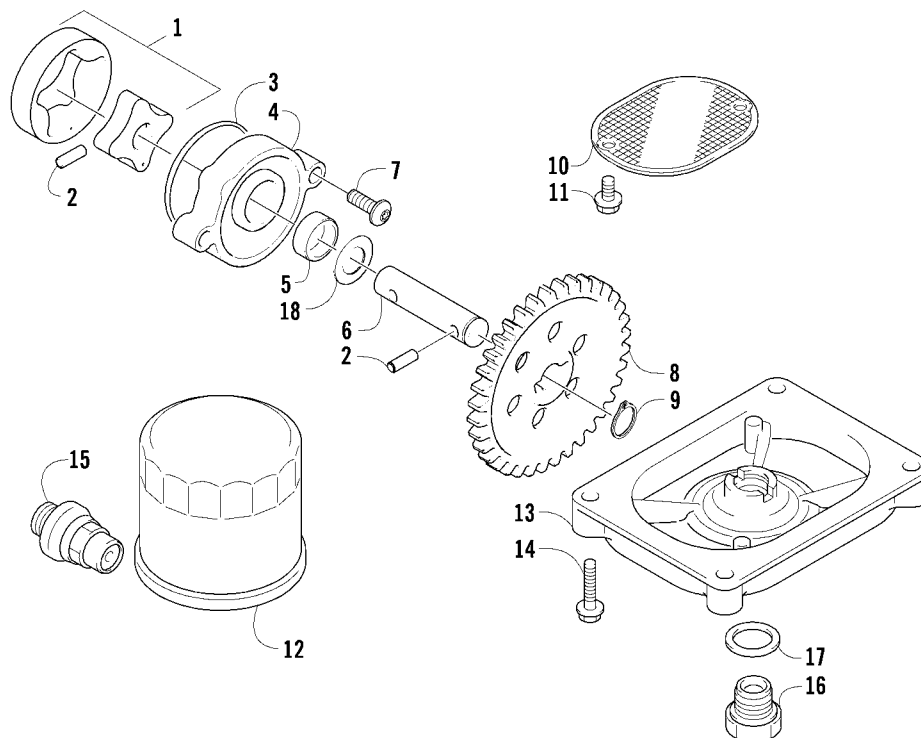
34



STARTER CLUTCH ASSEMBLY

0743-009

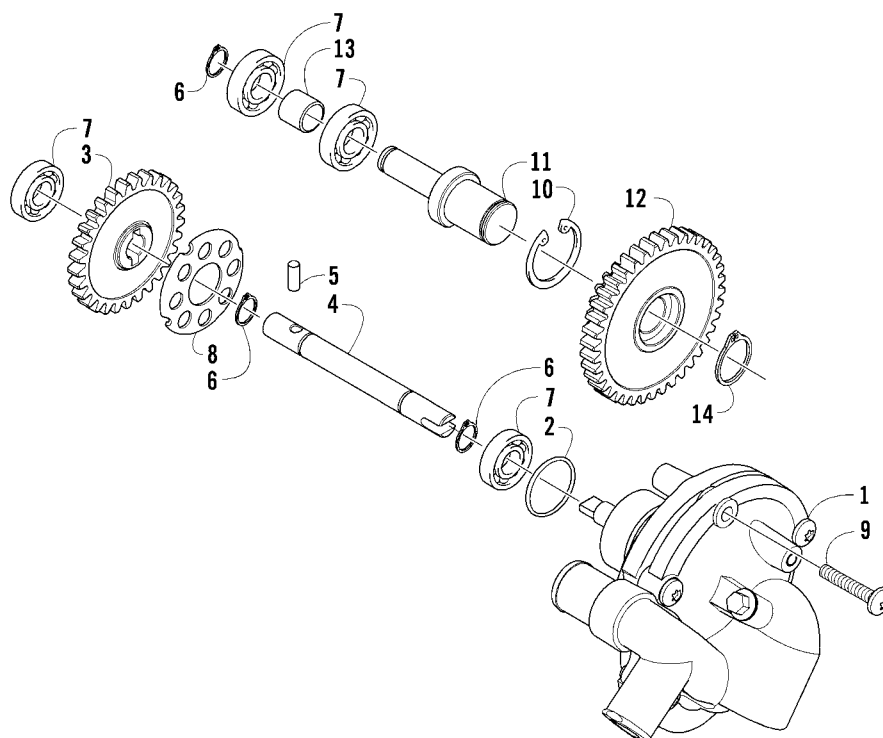
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0815-001	1	Gear, Starter Idler - No. 1	6	0815-004	1	Gear, Starter Clutch (inc. 7)
2	0829-031	1	Shaft, Starter Gear	7	<u>0832-079</u>	1	● Bearing
3	0815-002	1	Gear, Starter Idler - No. 2	8	0802-035	1	Clutch, Starter
4	0815-003	1	Spacer, Starter 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

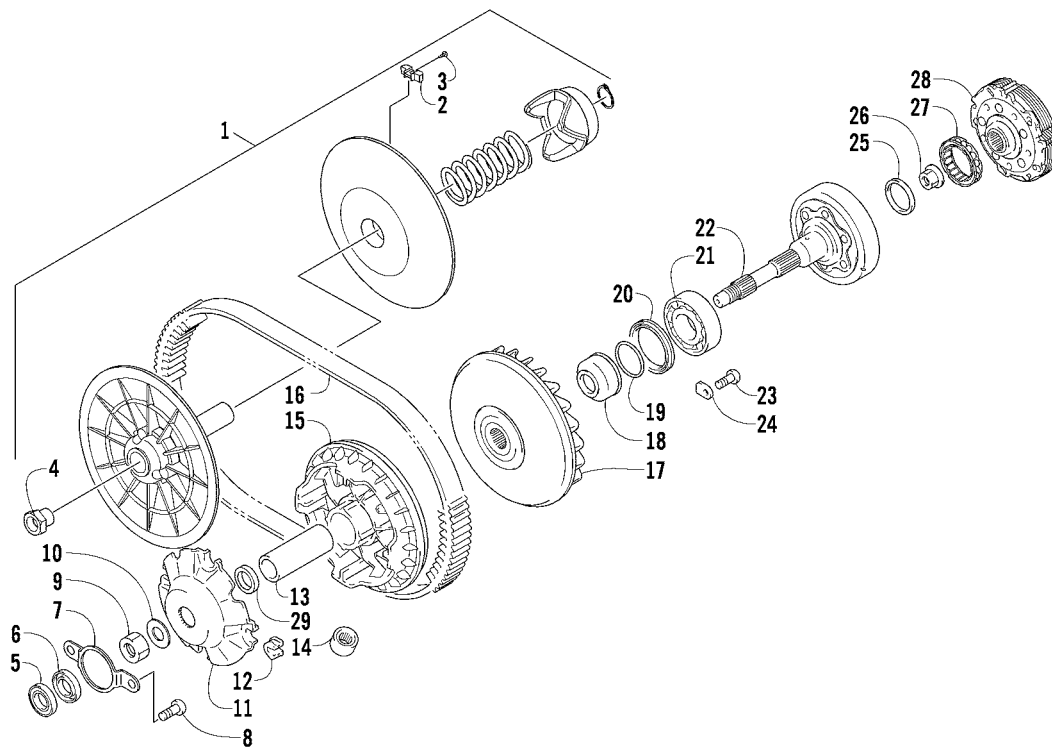
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0812-041	1	Gerotor - Set	10	0812-057	1	Strainer, Oil
2	0829-009	2	Pin, Dowel	11	0826-040	2	Screw, Machine
3	0812-048	1	O-Ring	12	0812-029	1	Filter, Oil
4	0812-040	1	Housing, Oil Pump	13	0812-053	1	Cap, Oil Strainer
5	0812-047	1	Seal, Oil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

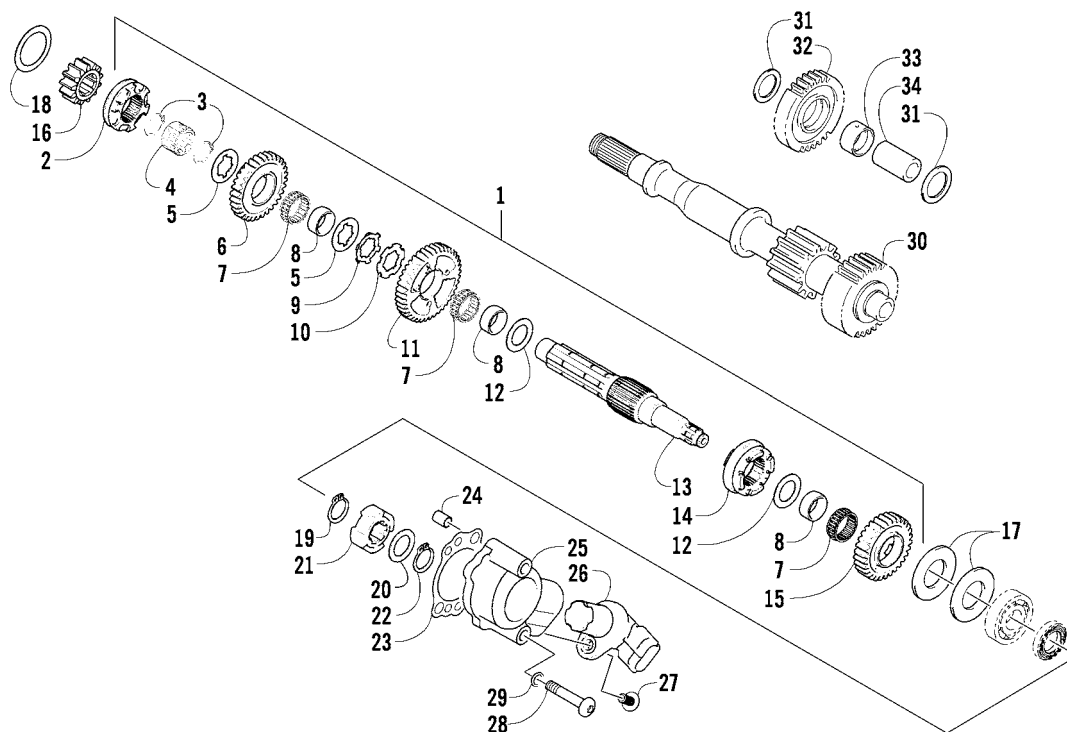
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0813-036	1	Pump, Water - Assembly (inc. 2)	8	0801-089	1	Disc, Breather
2	0830-029	1	● O-Ring	9	8468-650	2	Screw, Machine
3	0813-029	1	Gear, Driven	10	0831-004	1	Ring, Retaining
4	0813-030	1	Shaft, Driven Gear	11	0813-026	1	Shaft, Water Pump 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

0744-238

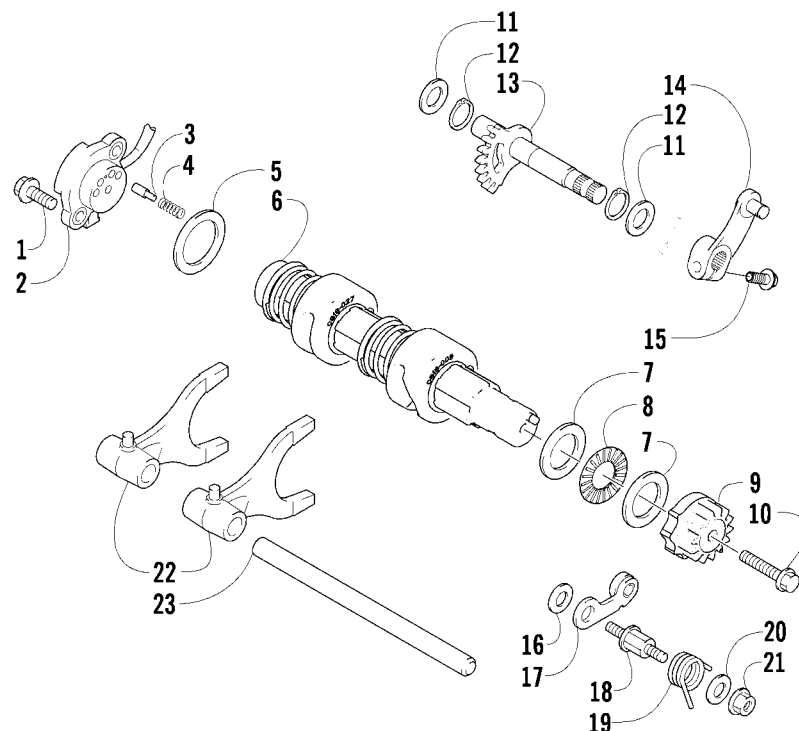
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-231	1	Belt, Drive
2	0823-176	3	● Shoe, Cam	17	0823-156	1	Face, Fixed Drive
3	0823-177	3	● Screw, Machine	18	0823-015	1	Spacer, Fixed Drive Face
4	0823-178	1	● Nut, Driven Pulley	19	0470-531	1	O-Ring
5	0832-010	1	Bearing	20	<u>0830-188</u>	1	Seal, Clutch Housing - Right
6	0830-176	1	Seal	21	0832-047	1	Bearing
7	0823-020	1	Retainer, Bearing	22	0823-096	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	<u>0830-189</u>	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	0823-098	1	Clutch, Centrifugal - 6 Plate
14	0823-170	8	Roller, Movable Drive Face	29	<u>0823-292</u>	1	Spacer
15	0823-159	1	Face, Movable Drive				



SECONDARY TRANSMISSION ASSEMBLY

0743-914

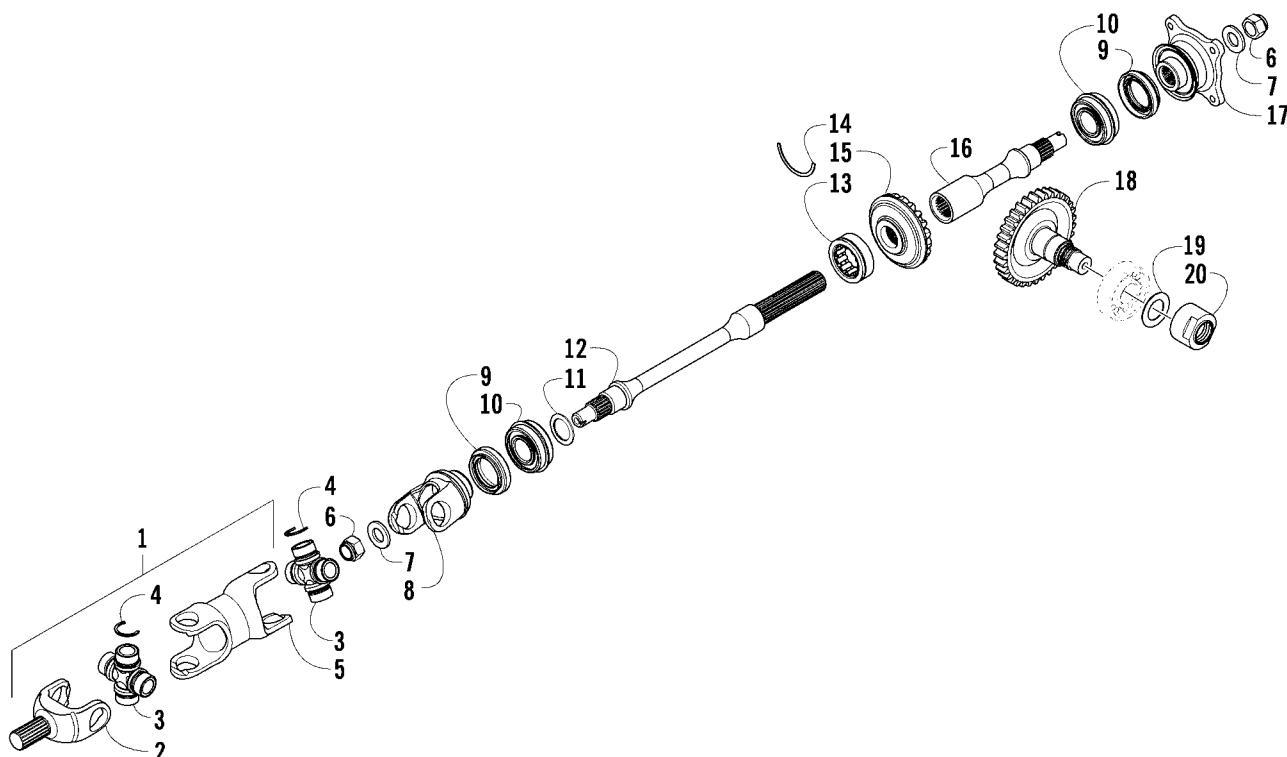
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-149	1	Countershaft Assembly (inc. 2-15)	18	0828-019	1	Washer, Thrust
2	0822-014	1	● Gear Select, Reverse	19	0831-040	1	Ring, Retaining
3	0831-011	2	● Ring, Retaining	20	0828-069	1	Washer, Thrust
4	0822-045	1	● Spacer, Reverse Driven 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	Seal
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.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8470-520	2	Screw, Machine	13	0818-007	1	Shaft, Sub-Gear Shift
2	0409-091	1	Switch, Gear Shift 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				

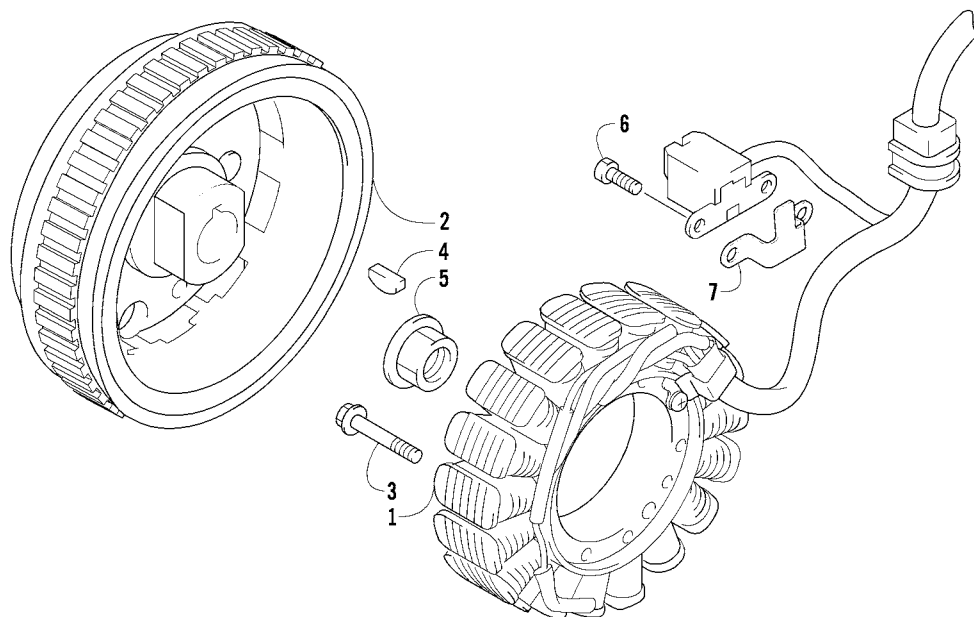


SECONDARY DRIVE ASSEMBLY

0744-004

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1502-342</u>	1	Driveshaft, Front - Assembly (inc. 2, one No. 3, four No. 4, and 5)	12	0819-003	1	Shaft, Secondary Driven - Front
2	<u>1402-701</u>	1	● Yoke, Slip	13	0832-016	1	Bearing, Driven Gear
3	0402-944	2	● Joint, Universal (inc. four No. 4)	14	0819-011	1	Ring, Driven Bearing
4	0423-395	8	●● Ring, Retaining	15	<u>0822-106</u>	1	Gear, Secondary Driven
5	<u>1502-341</u>	1	● Driveshaft, Front	16	0819-053	1	Shaft, Secondary Driven - Rear
6	0827-013	2	Nut	17	0819-005	1	Flange, Output Joint
7	0828-020	2	Washer	18	<u>0822-108</u>	1	Gear, Secondary Drive
8	1502-325	1	Yoke, Drive Output	19	<u>0828-119</u>	AR	Shim, 30 x 48 x 0.25 mm
9	0830-043	2	Seal, Oil		<u>0828-120</u>	AR	Shim, 30 x 48 x 0.30 mm
10	0832-017	2	Bearing		<u>0828-121</u>	AR	Shim, 30 x 48 x 0.35 mm
11	0828-021	AR	Shim, 25 x 34 x 0.25 mm		<u>0828-122</u>	AR	Shim, 30 x 48 x 0.90 mm
	0828-022	AR	Shim, 25 x 34 x 0.30 mm		<u>0828-123</u>	AR	Shim, 30 x 48 x 0.95 mm
	0828-023	AR	Shim, 25 x 34 x 0.70 mm		<u>0828-124</u>	AR	Shim, 30 x 48 x 1.00 mm
	0828-024	AR	Shim, 25 x 34 x 0.90 mm		<u>0828-125</u>	AR	Shim, 30 x 48 x 1.05 mm
	0828-025	AR	Shim, 25 x 34 x 0.95 mm		<u>0828-126</u>	AR	Shim, 30 x 48 x 1.10 mm
	0828-026	AR	Shim, 25 x 34 x 1.00 mm		<u>0828-127</u>	AR	Shim, 30 x 48 x 1.15 mm
	0828-027	AR	Shim, 25 x 34 x 1.05 mm	20	<u>0827-060</u>	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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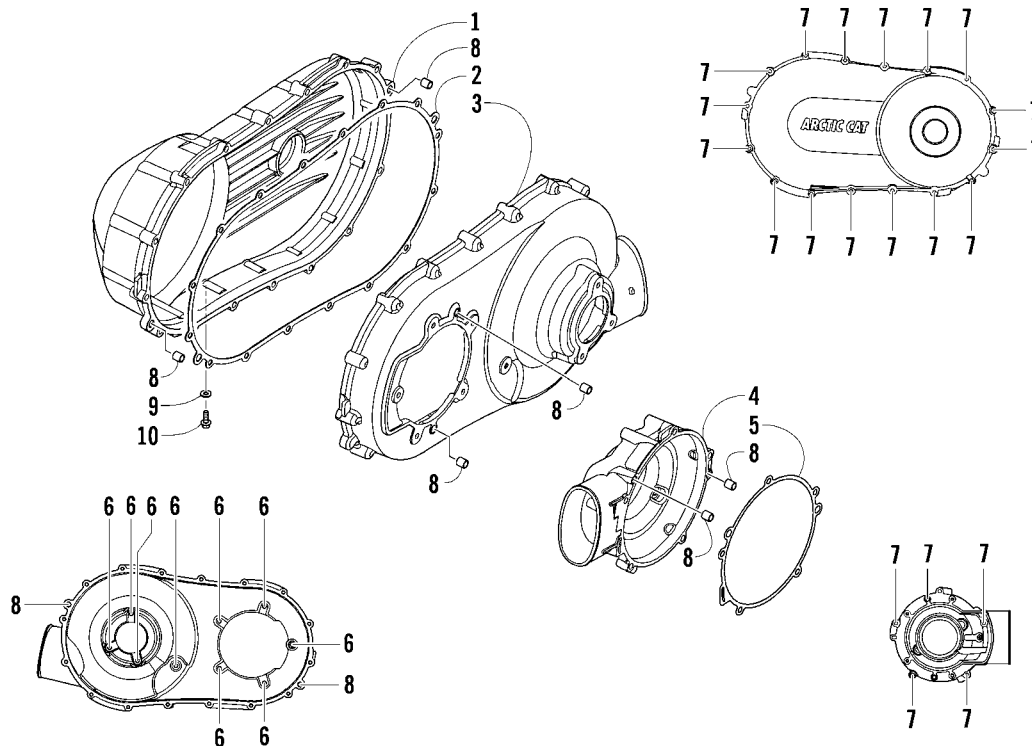


MAGNETO ASSEMBLY

0742-984

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0802-041	1	Stator - Assembly	5	0827-010	1	Nut
2	0802-042	1	Rotor/Flywheel	6	8470-510	4	Screw, Machine
3	0826-102	3	Screw, Machine	7	0831-064	1	Clamp
4	0829-012	1	Key				

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CLUTCH SIDE ENGINE COVERS

0742-232

Ref.	Part No.	Qty.	Description	Ref.	Part No.	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

