



ARCTIC CAT[®]

SHARE OUR PASSION.[™]

700 H1 EFI TRV EFT



Model Number A2009TBT4EETR (RED)
Model Number A2009TBT4EETG (GREEN)
Model Number A2009TBT4EETZ (CAT GREEN)

2009

illustrated parts manual



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2009 ATV 700 H1 EFI TRV EFT

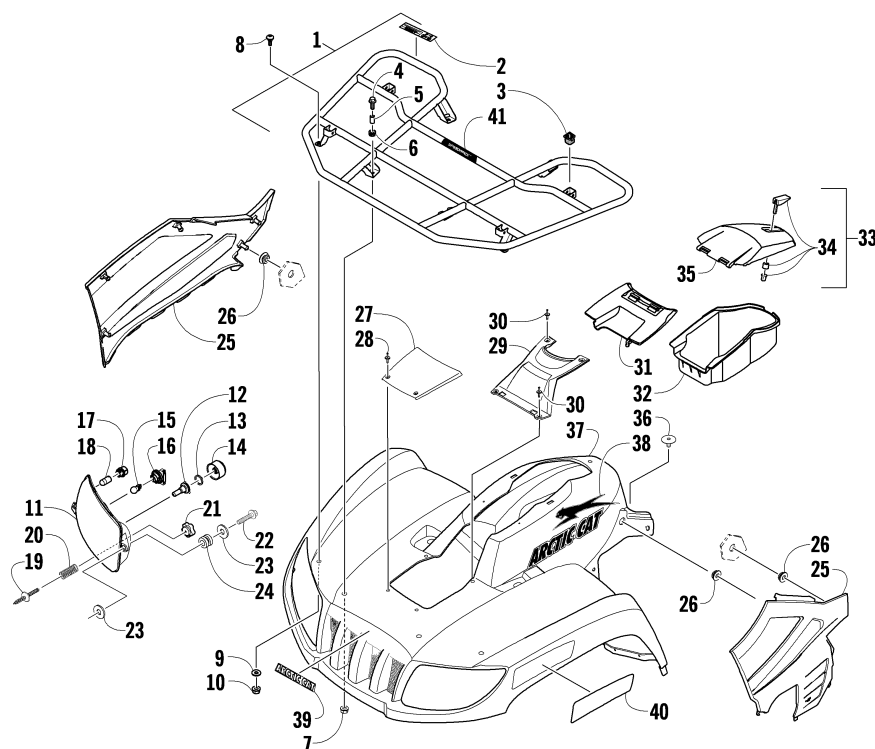
Red (Model No. A2009TBT4EETR)

Green (Model No. A2009TBT4EETG)

Cat Green (Model No. A2009TBT4EETZ)

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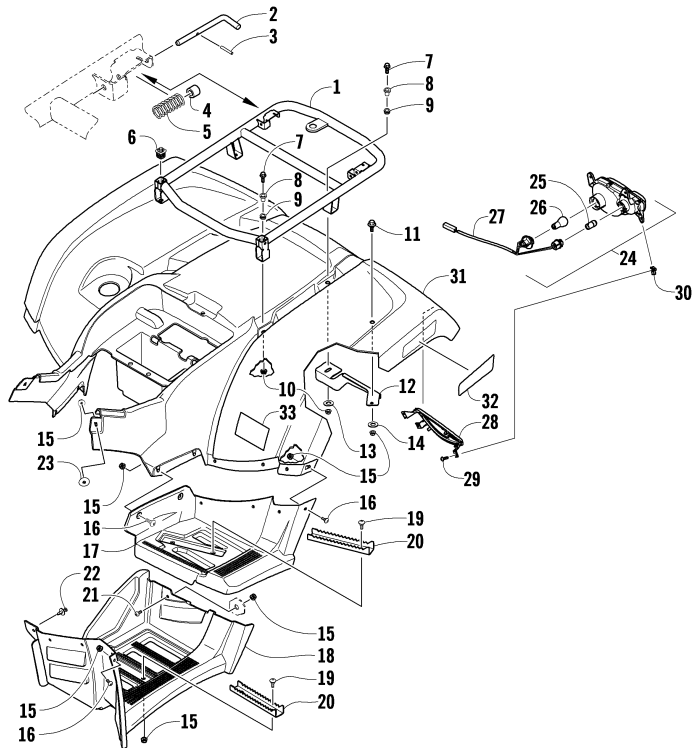
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2009 model year. For a complete list of related items, refer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



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0743-266

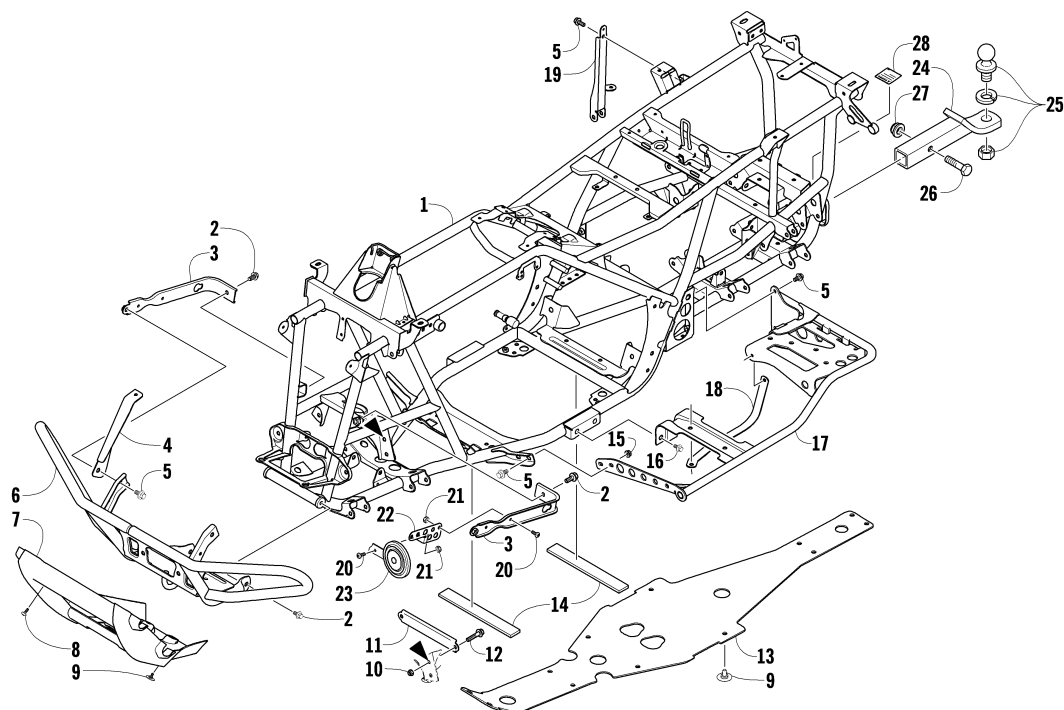
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-106	1	Rack, Front - Assembly (inc. 2-3)	24	0423-447	4	Grommet
2	0411-576	1	● Decal, Warning - Load	25	2406-324	1	Panel, Side - Lower - Right
3	0441-592	4	● Bushing		2406-421	1	Panel, Side - Lower - Left
4	8410-830	4	Screw, Cap	26	0423-678	8	Grommet
5	0423-669	4	Spacer	27	1406-358	1	Cover, Access
6	0423-465	4	Grommet	28	0423-535	2	Rivet, Reinstallable
7	8432-802	4	Nut, Lock	29	1406-484	1	Cover, Steering Post
8	0423-654	2	Screw, Shoulder	30	0623-362	4	Rivet, Reinstallable
9	8050-222	2	Washer	31	0470-513	1	Cover, Storage Box
10	0423-540	2	Nut, Lock	32	1406-573	1	Box, Storage
11	0509-036	1	Headlight Assembly - Right (inc. 12-18)	33	2506-234	1	Lid, Storage Box w/Latch (inc. 34-35)
	0509-037	1	Headlight Assembly - Left (inc. 12-18)	34	1406-599	1	● Latch, Storage Box
12	0409-096	2	● Bulb, Headlight	35	0470-514	1	● Lid, Storage Box
13	0409-097	2	● Retainer, Spring	36	0423-101	2	Screw, Body
14	0409-098	2	● Boot, Rubber	37	2406-520	1	Panel, Fender - Front - Red
15	0409-099	2	● Bulb, Turn Signal - Front		2406-522	1	Panel, Fender - Front - Green (Green)
16	0409-100	2	● Socket, Turn Signal Bulb		2406-521	1	Panel, Fender - Front - Cat Green
17	0409-102	2	● Socket, Position Bulb				(Cat Green)
18	0409-101	2	● Bulb, Position	38	1411-634	1	Decal, Side - Upper Right
19	0423-514	2	Stud, Adjuster - Headlight		1411-635	1	Decal, Side - Upper Left
20	0423-522	2	Spring, Adjuster	39	1411-725	1	Decal, Front
21	0423-513	2	Knob, Adjuster	40	0411-818	1	Decal, Reflector - Front - Right
22	0623-785	4	Screw, Self-Tapping		0411-819	1	Decal, Reflector - Front - Left
23	8050-217	8	Washer	41	1411-050	1	Decal, "Speedrack"



REAR RACK, BODY PANEL, AND TAILLIGHT ASSEMBLIES

0743-267

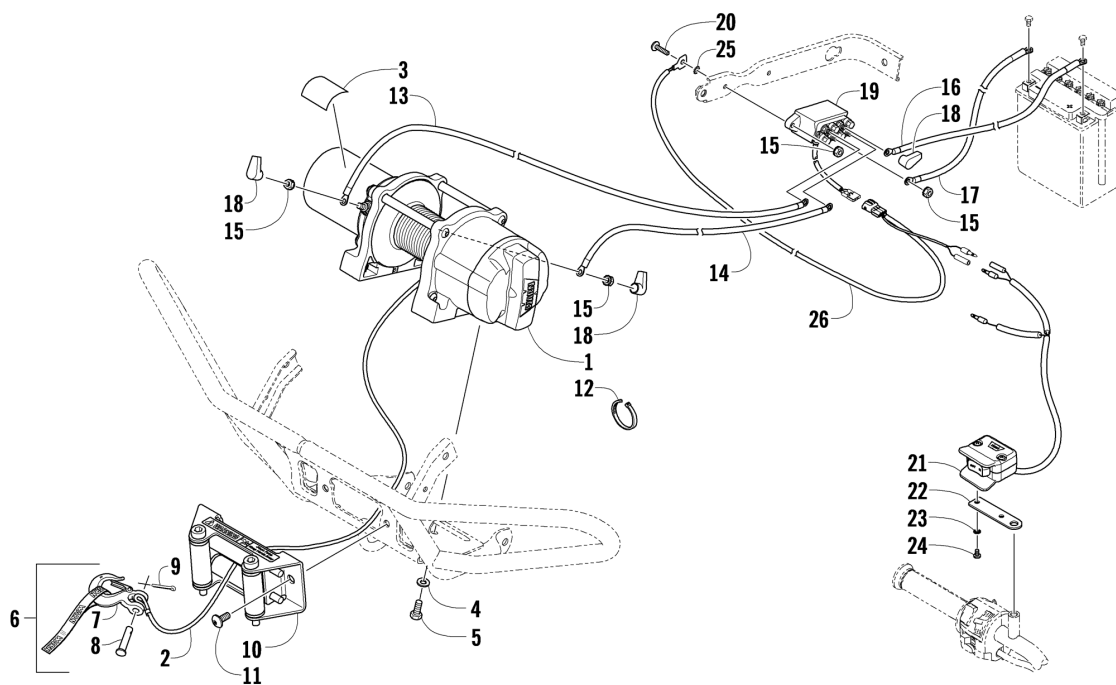
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-221	1	Rack, Rear - Assembly (inc. 2-6)	20	1506-125	4	Footpeg
2	0541-504	2	● Pin - Assembly (inc. 3-5)	21	8477-620	2	Screw, Machine
3	0423-635	2	●● Pin, Roll	22	0623-362	2	Rivet, Reinstallable
4	0423-677	2	●● Collar	23	0423-101	2	Screw, Body
5	0423-636	2	●● Spring	24	3313-392	1	Taillight Assembly - Right (inc. 25-27)
6	0441-592	4	● Bushing		3313-393	1	Taillight Assembly - Left (inc. 25-27)
7	8410-835	4	Screw, Cap	25	3313-506	2	● Bulb, Turn Signal - Rear
8	0423-669	4	Spacer	26	3303-849	2	● Bulb, Taillight
9	0423-465	4	Grommet	27	3313-509	1	● Socket, Taillight - Right
10	8432-802	4	Nut, Lock		3313-507	1	● Socket, Taillight - Left
11	0423-654	2	Screw, Shoulder	28	0409-112	1	Bezel, Taillight - Right
12	2506-092	1	Bracket, Rear Fender - Right		0409-113	1	Bezel, Taillight - Left
	2506-093	1	Bracket, Rear Fender - Left	29	8476-516	6	Screw, Machine
13	0423-087	2	Washer	30	3304-061	6	Nut, Clip
14	8050-222	2	Washer	31	2506-952	1	Panel, Fender - Rear - Red
15	0423-540	34	Nut, Lock		2506-954	1	Panel, Fender - Rear - Green (Green)
16	0423-419	22	Screw, Machine		2506-953	1	Panel, Fender - Rear - Cat Green
17	2406-042	1	Footwell, Rear - Right				(Cat Green)
	2406-043	1	Footwell, Rear - Left	32	1411-592	1	Decal, Reflector - Rear - Right
18	1506-813	1	Footwell - Right		1411-593	1	Decal, Reflector - Rear - Left
	2406-471	1	Footwell - Left	33	0411-832	1	Decal, Warning - Tire Pressure
19	0423-355	8	Screw, Shoulder				



FRAME AND RELATED PARTS

0743-270

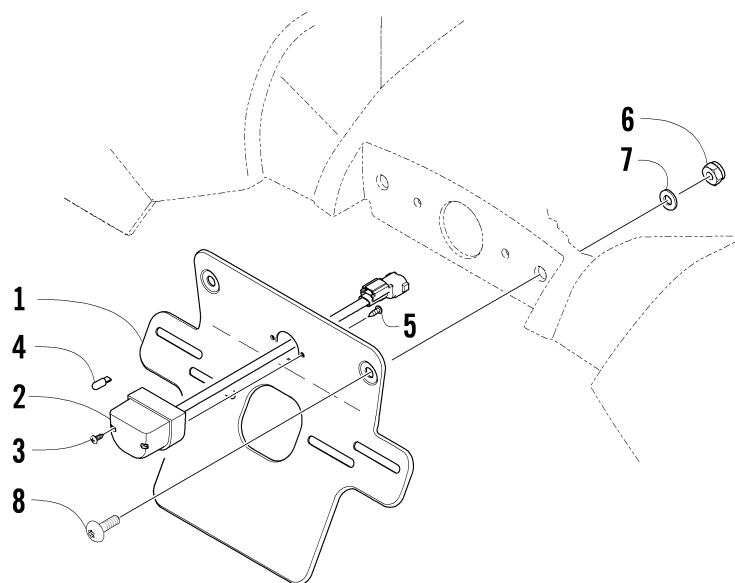
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-535	1	Frame, Main	15	8424-802	4	Nut
2	8409-020	4	Screw, Cap	16	8409-016	4	Screw, Cap
3	1506-596	1	Channel, Bumper Mounting - Right	17	1506-848	1	Footrest - Right
	0506-653	1	Channel, Bumper Mounting - Left		1506-849	1	Footrest - Left
4	1506-562	1	Bracket, Mounting - Bumper - Right	18	2406-216	1	Strap, Footrest - Right
	1506-563	1	Bracket, Mounting - Bumper - Left		2406-217	1	Strap, Footrest - Left
5	8408-816	11	Screw, Cap	19	2506-447	1	Channel, Shock Support
6	1506-855	1	Bumper	20	8477-616	3	Screw, Machine
7	1406-360	1	Grille, Bumper	21	0623-038	3	Nut w/Washer
8	0423-419	2	Screw, Machine	22	2406-321	1	Bracket, Mounting - Horn
9	0423-101	14	Screw, Body	23	0430-053	1	Horn, Electric - 12V
10	8428-002	2	Nut, Lock	24	0541-714	1	Mount, Ball Hitch
11	1506-429	1	Brace, A-Arm	25	0436-715	1	Kit, Ball Hitch
12	8409-025	2	Screw, Cap	26	0423-693	1	Screw, Cap
13	2406-091	1	Panel, Belly	27	0423-690	1	Nut, Lock
14	0406-289	2	Pad, Frame	28	1411-077	1	Decal, Warning - Towing



WINCH ASSEMBLY

0743-257

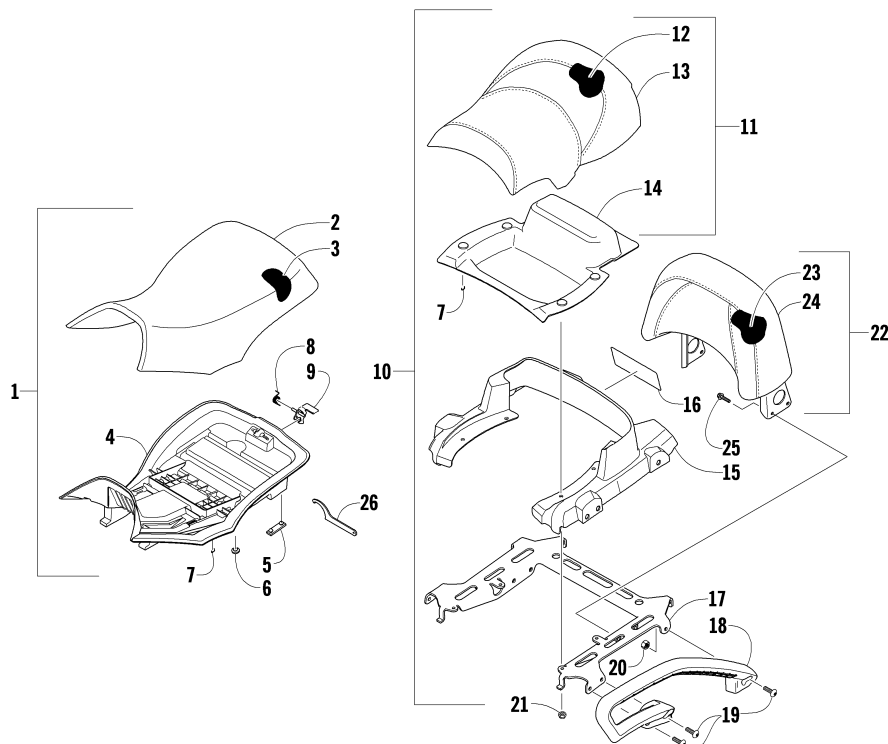
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1441-657	1	Winch (inc. 2-3)	14	0445-069	1	Cable, Winch/Solenoid - Blue
2	0441-061	1	● Cable, Winch	15	0623-038	8	Nut w/Washer
3	1411-826	1	● Decal, Warning	16	1441-112	1	Cable, Solenoid/Battery - Black
4	8051-246	4	Washer, Lock	17	1441-113	1	Cable, Solenoid/Battery - Red
5	8408-820	4	Screw, Cap	18	0441-060	3	Boot, Terminal
6	0441-426	1	Hook, Winch w/Strap - Assembly (inc. 7-9)	19	0409-066	1	Solenoid
7	1441-131	1	● Hook, Winch w/Strap	20	8476-625	2	Screw, Machine
8	1441-130	1	● Pin	21	0505-552	1	Switch, Winch - Assembly (inc. 22-26)
9	1441-129	1	● Pin, Cotter	22	0505-551	1	● Bracket, Winch Switch
10	0441-403	1	Roller, Winch	23	8052-093	2	● Washer, Internal Tooth Lock
11	8468-820	2	Screw, Machine	24	8009-243	2	● Screw, Machine
12	0123-788	AR	Tie, Cable - 8 in.	25	8053-212	1	● Washer, External Tooth Lock
13	0445-068	1	Cable, Winch/Solenoid - Yellow	26	0486-276	1	● Harness, Adapter - Solenoid



LICENSE PLATE HOLDER ASSEMBLY

0743-236 *Not a Service Part

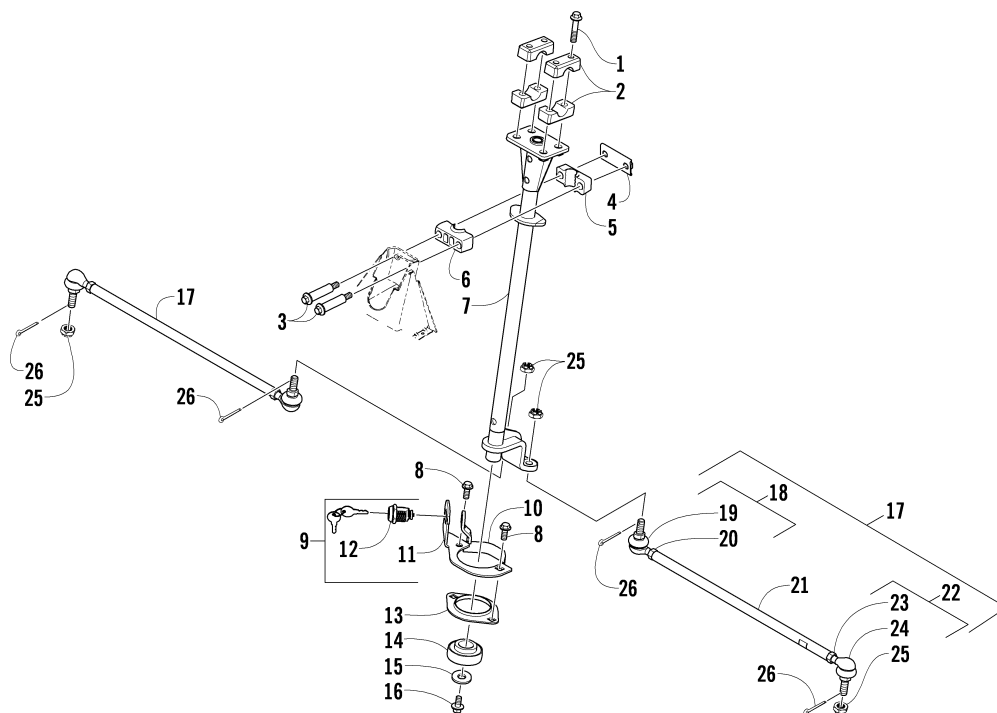
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-914	1	Holder, License Plate	5	0123-950	2	Screw, Self-Tapping
2	3304-772	1	Light, License Plate (inc. 3-4)	6	8432-802	2	Nut, Lock
3	*	2	● Screw, Self-Tapping	7	8050-247	2	Washer
4	3303-847	1	● Bulb	8	8408-820	2	Screw, Cap



SEAT AND BACKREST ASSEMBLY

0743-271

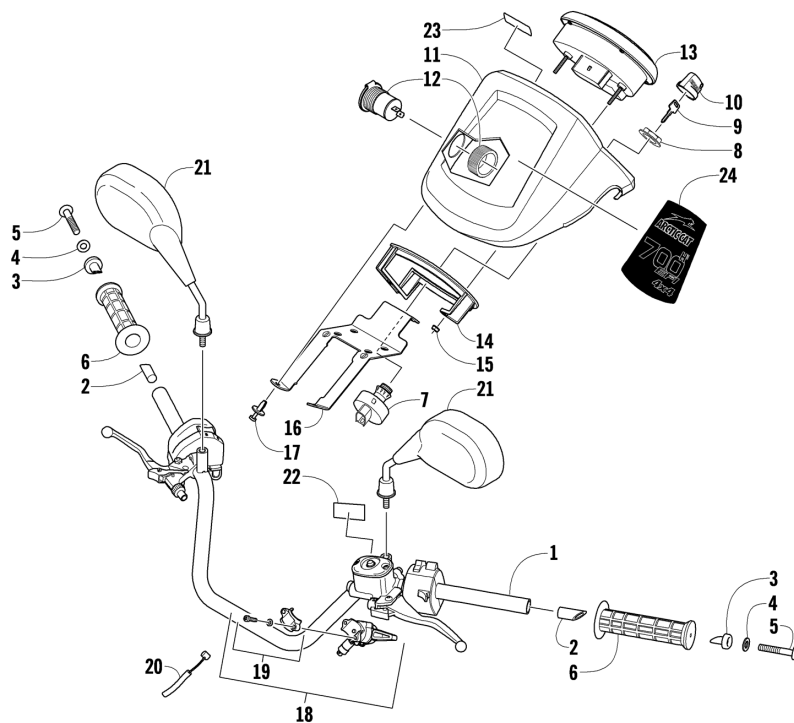
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1506-937	1	Seat Assembly (inc. 2-9)	14	2406-110	1	● ● Base, Seat - Inner
2	1506-209	1	● Cover, Seat	15	2406-044	1	● Base, Seat - Passenger
3	1506-208	1	● Foam, Seat	16	0411-814	1	● Decal, "Arctic Cat" - White
4	2406-144	1	● Base, Seat - Assembly (inc. 5-6)	17	1506-932	1	● Bracket, Seat Support - Assembly
5	0406-879	2	● ● Bumper, Seat - Rear	18	2406-112	1	● Handhold, Passenger - Right
6	0406-877	4	● ● Bumper, Seat - Front	19	2406-113	1	● Handhold, Passenger - Left
7	0624-528	AR	● Staple	20	0423-362	6	● Screw, Machine
8	1406-592	1	● Spring, Seat Latch	21	8432-802	6	● Nut, Lock
9	1506-156	1	● Latch, Seat	22	8427-602	4	● Nut, Lock
10	1506-938	1	Seat, Passenger - Assembly (inc. 11-21)	23	1506-939	1	Backrest Assembly (inc. 23-24)
11	2506-064	1	● Seat, Passenger - Sub-Assembly (inc. 7 and 12-14)	24	1506-818	1	● Foam, Backrest
12	1506-816	1	● ● Foam, Seat - Passenger	25	1506-817	1	● Cover, Backrest
13	1506-815	1	● ● Cover, Seat - Passenger	26	8408-816	4	Screw, Cap
					0441-587	1	Wrench, Spanner



STEERING POST ASSEMBLY

0743-209 *Not a Service Part

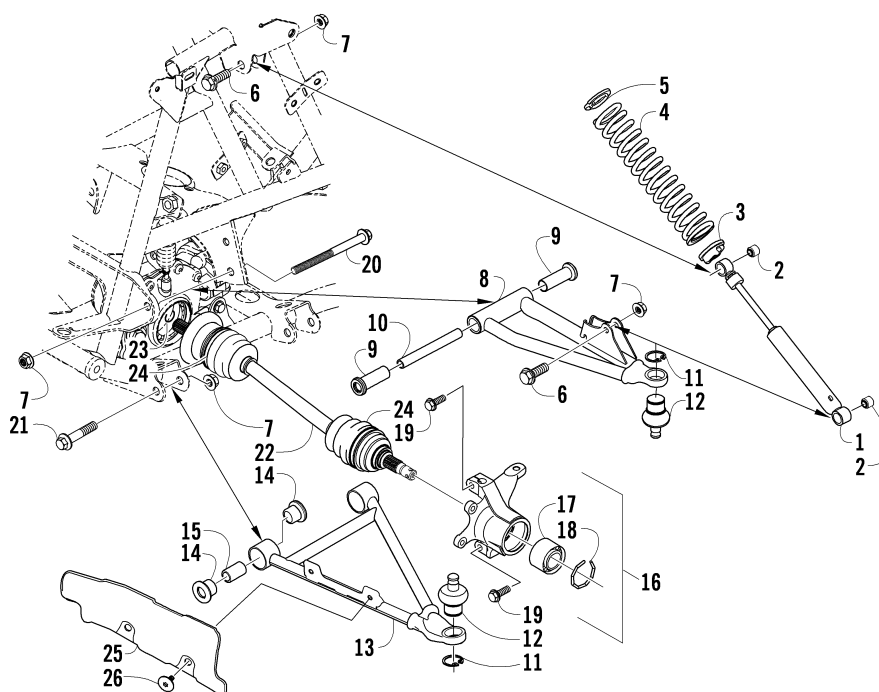
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	15	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	16	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	17	0505-499	2	Tie Rod - Assembly (inc. 18-24)
4	0505-484	1	Cap, Housing	18	0505-511	2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 19-20 and two No. 25-26)
5	0405-138	1	Housing, Lower	19	*	2	● ● End, Tie Rod - Left-Hand Thread
6	0405-139	1	Housing, Upper	20	0423-013	2	● ● Nut - Left-Hand Thread
7	0505-451	1	Post, Steering	21	0405-281	2	● Tie Rod
8	8408-816	2	Screw, Cap	22	0505-510	2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 23-24 and two No. 25-26)
9	2406-355	1	Lock, Steering - Assembly (inc. 10-12)	23	*	2	● ● End, Tie Rod - Right-Hand Thread
10	2506-173	1	● Latch	24	8420-002	2	● ● Nut - Right-Hand Thread
11	2406-354	1	● Lock	25	0423-157	4	Nut, Lock
12	2406-349	1	● Bracket, Mounting - Lock	26	0623-175	4	Pin, Cotter
13	0602-233	1	Flange, Bearing				
14	0405-052	1	Bearing w/Inverted Oil Seal				



HANDLEBAR ASSEMBLY

0743-318

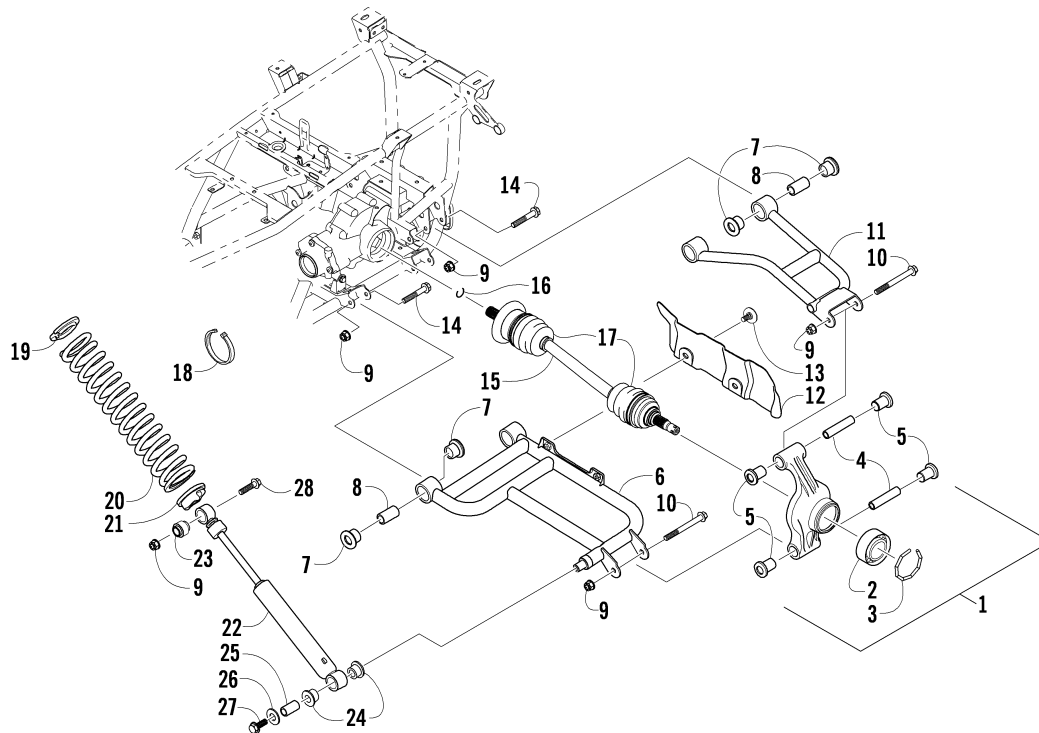
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-522	1	Tube, Handlebar	12	0641-897	1	Outlet, Accessory - 12V
2	0405-218	2	Plug, Handlebar	13	0520-034	1	Gauge, LCD
3	0405-149	2	End Cap, Handlebar	14	0420-065	1	Clamp, Plastic
4	8050-247	2	Washer	15	0423-493	2	Nut w/Washer
5	8477-845	2	Screw, Machine	16	2506-470	1	Bracket, Mounting - Instrument Pod
6	0405-147	2	Grip, Handlebar	17	0423-535	2	Rivet, Reinstallable
7	0430-069	1	Switch, Ignition - Assembly (inc. 8-10)	18	0502-527	1	Control, Differential Lock (inc. 19)
8	0430-050	1	● Nut, Flange - Ignition Switch	19	0502-613	1	● Clamp, Differential Lock Control - Kit
9	0430-042	1	● Key, Ignition (Y Series - Left-Side Cut)	20	0487-050	1	Cable, Differential Lock
	0430-043	1	● Key, Ignition (Z Series - Right-Side Cut)	21	2406-630	1	Mirror - Right
10	0430-054	1	● Cover, Key		2406-631	1	Mirror - Left
11	0405-273	1	Instrument Pod	22	1411-865	1	Decal, Warning - Brake Lever Lock
	0405-274	1	Instrument Pod (Green)	23	0411-966	1	Decal, Warning - Differential Lock
	0405-275	1	Instrument Pod (Cat Green)	24	1411-564	1	Decal, Instrument Pod



FRONT SUSPENSION ASSEMBLY

0743-294

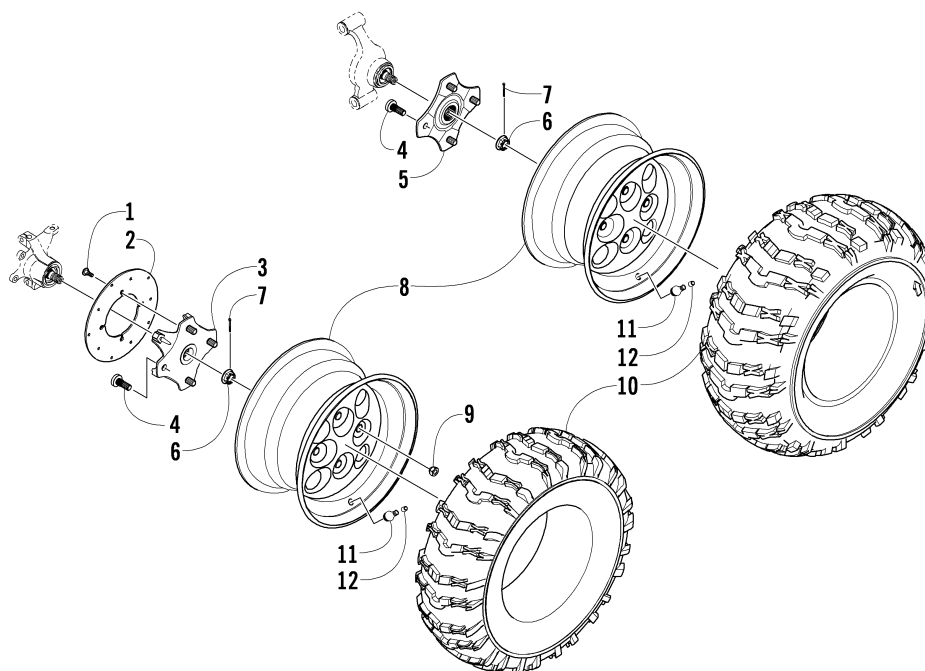
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0403-176	2	Shock Absorber (inc. 2)	16	0505-460	1	Knuckle - Assembly - Right (inc. 17-18)
2	0403-182	4	● Bushing		0505-461	1	Knuckle - Assembly - Left (inc. 17-18)
3	0403-102	2	Cam, Spring Adjuster	17	1402-027	2	● Bearing
4	0403-174	2	Spring, Suspension - Platinum	18	0423-423	2	● Ring, Retaining
5	1603-889	2	Retainer, Spring	19	8409-030	4	Screw, Cap
6	8409-040	4	Screw, Cap	20	0423-334	2	Screw, Cap
7	0423-744	10	Nut, Lock	21	8409-075	4	Screw, Cap
8	0503-272	1	A-Arm, Upper Right - Platinum (inc. 9-12)	22	0502-812	1	Axle, Drive - Front - Right (inc. 23-24)
	0503-273	1	A-Arm, Upper Left - Platinum (inc. 9-12)		0502-813	1	Axle, Drive - Front - Left (inc. 23-24)
9	0403-081	4	● Bushing	23	1441-109	2	● Ring, Retaining
10	0403-080	2	● Axle	24	0436-276	2	● Repair Kit, Boot
11	0423-009	4	● Clip, Ball Joint	25	0441-752	1	Guard, Boot - Right - Red
12	0405-115	4	● Ball Joint - Front		0441-753	1	Guard, Boot - Left - Red
13	0503-342	1	A-Arm, Lower Right - Platinum (inc. 14-15 and two No. 11-12)		1441-002	1	Guard, Boot - Right - Green (Green)
	0503-343	1	A-Arm, Lower Left - Platinum (inc. 14-15 and two No. 11-12)		1441-003	1	Guard, Boot - Left - Green (Green)
14	0403-115	8	● Bushing		0441-756	1	Guard, Boot - Right - Cat Green (Cat Green)
15	0403-114	4	● Axle		0441-757	1	Guard, Boot - Left - Cat Green (Cat Green)
				26	0423-545	4	Screw, Body



REAR SUSPENSION ASSEMBLY

0743-295

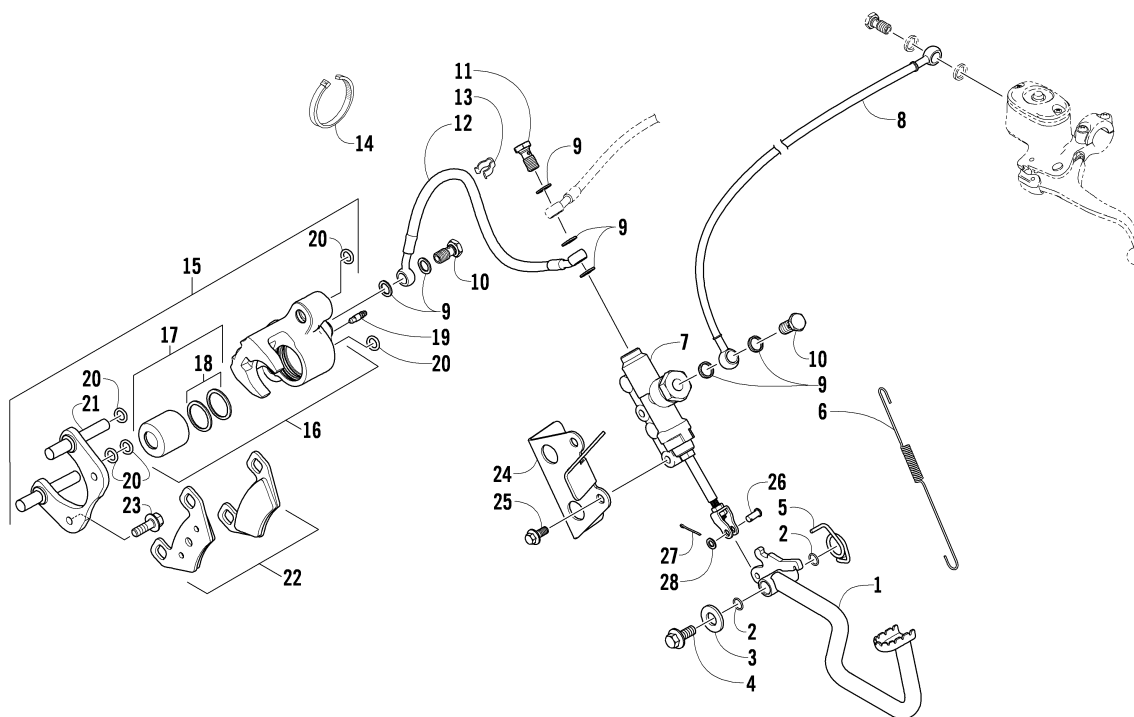
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0504-374	1	Knuckle, Right Rear - Assembly (inc. 2-5)	13	0423-545	4	Screw, Body
	0504-373	1	Knuckle, Left Rear - Assembly (inc. 2-5)	14	8409-075	8	Screw, Cap
2	1402-027	2	● Bearing	15	0502-811	2	Axle, Drive - Rear (inc. 16-17)
3	0423-423	2	● Ring, Retaining	16	0441-893	2	● Ring, Retaining
4	0403-038	4	● Axle	17	0436-276	2	● Repair Kit, Boot
5	0403-032	8	● Bushing	18	0123-788	2	Tie, Cable - 8 in.
6	0504-440	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)	19	1603-889	2	Retainer, Spring
	0504-441	1	A-Arm, Rear - Lower Left - Platinum (inc. 7-8)	20	0404-145	2	Spring, Suspension - Platinum
7	0403-115	16	● Bushing	21	0404-057	2	Cam, Spring Adjuster
8	0403-114	8	● Axle	22	0404-147	2	Shock Absorber (inc. 23-25)
9	0423-744	14	Nut, Lock	23	0403-182	2	● Bushing
10	8409-000	4	Screw, Cap	24	0603-955	4	● Bushing
11	0504-512	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	25	1603-219	2	● Sleeve
	0504-513	1	A-Arm, Rear - Upper Left - Platinum (inc. 7-8)	26	0423-087	2	Washer
12	0441-754	1	Guard, Boot - Right - Red	27	8408-820	2	Screw, Cap
	0441-755	1	Guard, Boot - Left - Red	28	8409-040	1	Screw, Cap - Right
	1441-004	1	Guard, Boot - Right - Green (Green)		8409-050	1	Screw, Cap - Left
	1441-005	1	Guard, Boot - Left - Green (Green)				
	0441-758	1	Guard, Boot - Right - Cat Green (Cat Green)				
	0441-759	1	Guard, Boot - Left - Cat Green (Cat Green)				



WHEEL AND TIRE ASSEMBLY

0743-260

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder	8	1402-127	2	Wheel - Front - Platinum
2	1436-164	3	Disc, Brake		1402-115	2	Wheel - Rear - Platinum
3	0502-599	2	Hub, Wheel - Front (inc. 4)	9	0423-408	16	Nut, Mounting - Wheel
4	0402-974	16	● Stud, Wheel Hub	10	1402-100	2	Tire - Front
5	0502-601	1	Hub, Wheel - Rear - Left (inc. 4)		1402-137	2	Tire - Rear
	0502-599	1	Hub, Wheel - Rear - Right (inc. 4)	11	0402-064	4	Stem, Valve (inc. 12)
6	0423-607	4	Nut, Castle	12	0402-140	4	● Cap, Valve Stem
7	0423-407	4	Pin, Cotter				



AUXILIARY BRAKE ASSEMBLY

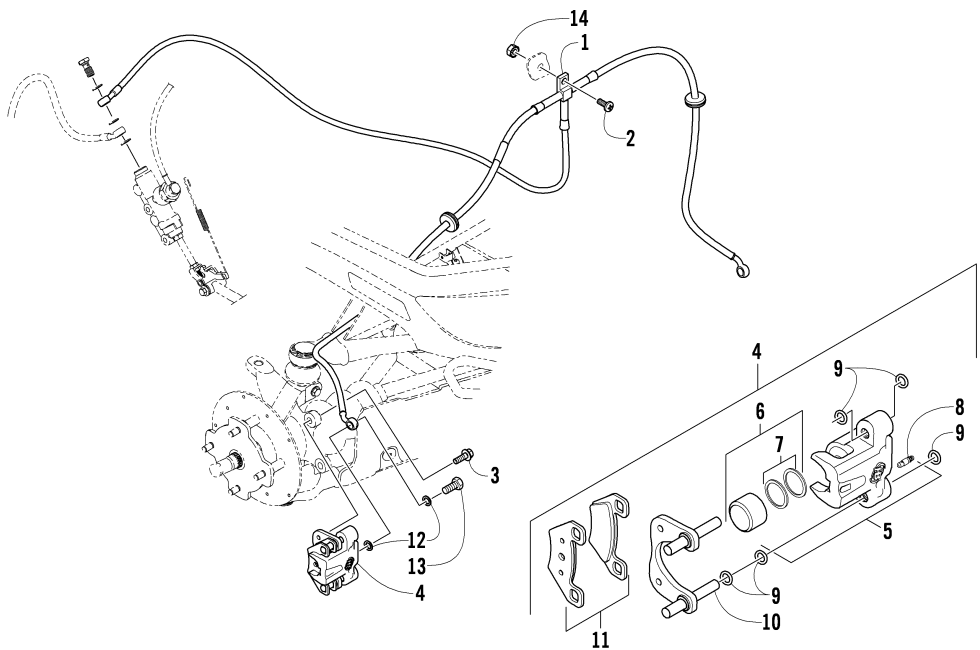
0743-261

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-063	1	Lever, Brake	16	1436-161	1	● Housing, Caliper - Assembly - Left Rear (inc. 17-19)
2	1602-213	2	O-Ring	17	0502-606	1	● ● Piston/Seal Set (inc. 18)
3	8050-252	1	Washer	18	0502-607	1	● ● ● Seal Set
4	8408-816	1	Screw, Cap	19	0502-609	1	● ● Valve, Bleed
5	0502-807	1	Spring, Brake Lever	20	0502-608	1	● O-Ring, Guide - Set
6	0502-785	1	Spring, Brake Switch	21	0502-605	1	● Bracket Assembly
7	1502-147	1	Master Cylinder	22	1436-165	1	● Pad, Brake - Set
8	1402-592	1	Hose, Brake	23	8408-821	2	● Screw, Cap
9	0423-178	7	Washer, Crush	24	1502-179	1	Bracket, Switch
10	0423-413	2	Bolt, Banjo-Fitting	25	8408-625	2	Screw, Cap
11	0423-610	1	Bolt, Banjo-Fitting - Double	26	1402-377	1	Pin, Clevis
12	1402-594	1	Hose, Brake	27	0117-868	1	Pin, Cotter
13	1502-115	2	Clip, Brake Hose	28	8050-217	1	Washer
14	0123-788	AR	Tie, Cable - 8 in.				
15	1436-163	1	Caliper, Brake (inc. 16-23)				

0743-214			
Ref.	Part No.	Qty.	Description
1	1502-150	1	Lever, Parking Brake - Assembly (inc. 2-5)
2	1502-429	1	● Lever, Parking Brake - Kit
3	1502-432	1	● Clamp, Handlebar - Kit
4	1502-430	1	● Adjuster, Thumb Nut - Kit
5	1502-431	1	● Lock, Parking Brake Lever - Kit

Ref.	Part No.	Qty.	Description
6	0487-058	1	Cable, Brake - Rear
7	1502-176	1	Mechanical Brake Assembly
8	1402-602	2	Pad, Brake
9	8408-826	2	Screw, Cap
10	0402-379	1	Wire Form, Cable

14



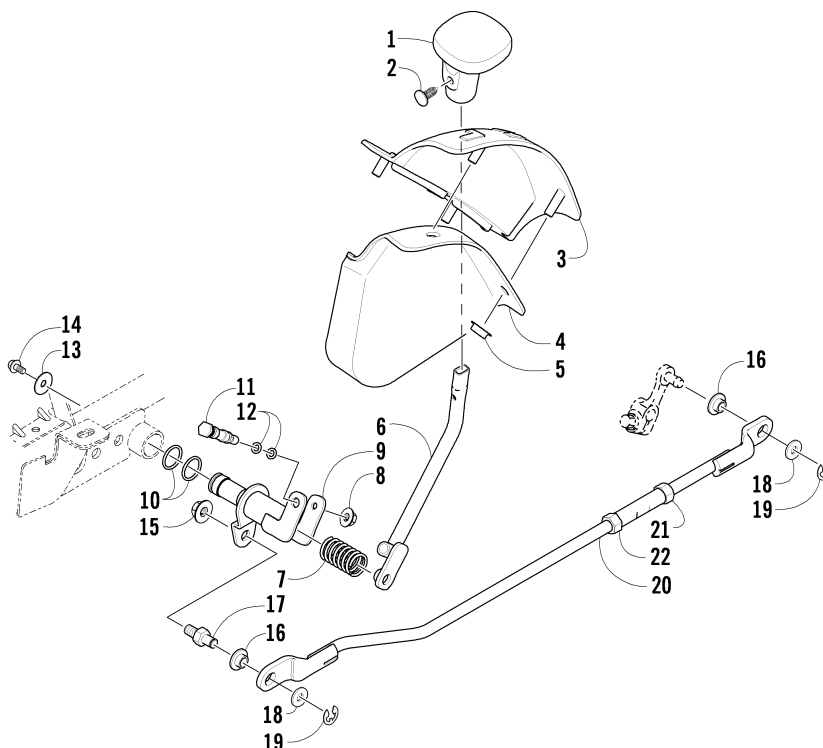
HYDRAULIC BRAKE ASSEMBLY

0743-262

Ref. Part No. Qty. Description				Ref. Part No. Qty. Description			
1	1502-148	1	Hose, Brake - Assembly	6	0502-606	2	● ● Piston/Seal Set (inc. 7)
2	8476-625	1	Screw, Cap	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. 5-11 and two No. 3)	9	0502-608	2	● O-Ring, Guide - Set
	1436-163	1	Caliper, Brake - Left Front (inc. 5-11 and two No. 3)	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



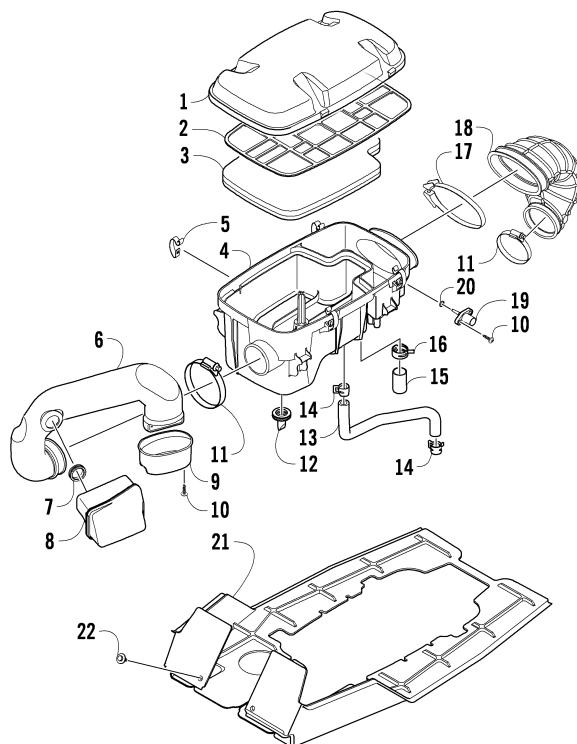
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0570-206	1	Tank, Gas - Assembly (inc. 2-4)	13	*	1	● ● Filter, Fuel
2	0470-438	1	● Cap, Gas Tank (inc. 3)	14	0410-143	AR	Hose, Gasline - 25 ft
3	0109-733	1	● ● Gasket, Gas Tank Cap	15	0510-335	1	Filter, In-Line
4	0470-606	1	● Plate, Mounting - Fuel Pump	16	8060-628	1	Rivet
5	8476-612	4	Screw, Self-Tapping	17	1670-826	1	Bracket, Fuel Filter
6	0570-207	1	Pump, Fuel - Assembly (inc. 7-9)	18	0470-794	1	Bracket, Filter Mounting
7	0570-208	1	● Sensor, Fuel Level - Kit (inc. 8-9)	19	0123-788	1	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	0570-277	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	24	0623-797	4	Screw, Self-Tapping



SHIFT LEVER ASSEMBLY

0742-508

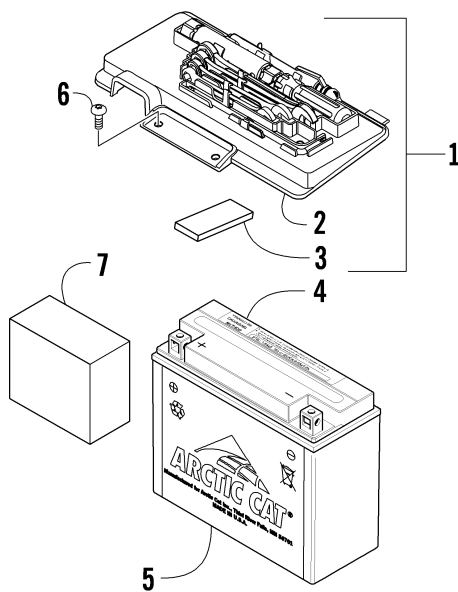
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Shift Lever	12	0423-182	2	O-Ring
2	0423-345	1	Clip, Push	13	0423-087	1	Washer
3	1402-576	1	Plate, Shift	14	8408-812	1	Screw, Cap
4	2406-345	1	Shield, Shift Plate	15	8424-802	1	Nut
5	0423-357	4	Nut, Stamped	16	0423-091	2	Bushing, Shift Linkage
6	0502-659	1	Lever, Shift	17	1402-621	1	Pin, Mounting - Shift Linkage
7	0402-678	1	Spring, Shift Lever	18	0623-094	2	Washer
8	8424-602	1	Nut	19	0423-169	2	E-Ring
9	0502-742	1	Axle, Shift Lever	20	1502-200	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

0742-598

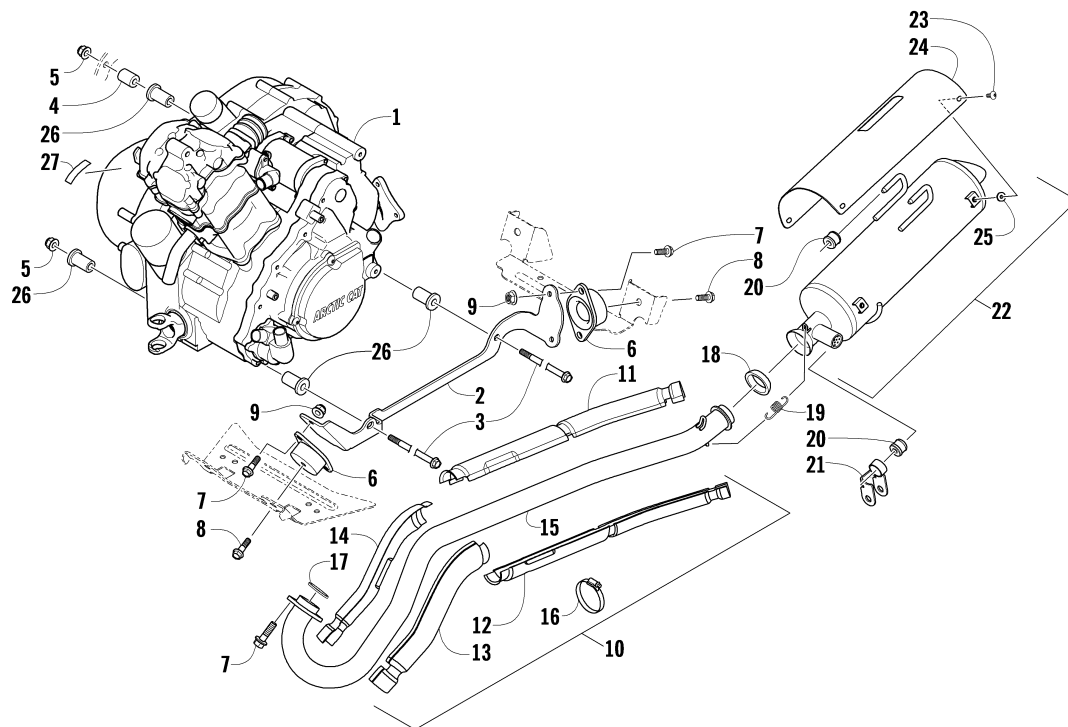
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0470-850	1	Cover, Air Intake	12	0470-442	1	Valve, Drain
2	0470-560	1	Screen, Air Filter	13	0410-079	1	Hose, Vent - Crankcase
3	0470-558	1	Filter, Air	14	1623-281	2	Clamp, Hose
4	0470-728	1	Housing, Air Intake	15	1623-287	1	Clamp
5	0423-455	4	Clip, Spring	16	0423-766	1	Cap, Drain
6	0470-749	1	Duct, Air Intake - Engine	17	0423-554	1	Clamp, Boot
7	0423-763	1	Grommet, Air Intake	18	0470-511	1	Boot, Air Intake
8	0570-215	1	Resonator	19	0430-055	1	Sensor, Air Temperature (inc. 20)
9	0470-729	1	Boot, Air Intake	20	5507-224	1	● O-Ring
10	0423-342	5	Screw, Self-Tapping	21	2406-604	1	Panel, Shield
11	0423-019	2	Clamp	22	0623-362	2	Rivet, Reinstallable



BATTERY ASSEMBLY

0742-782 *Not Illustrated

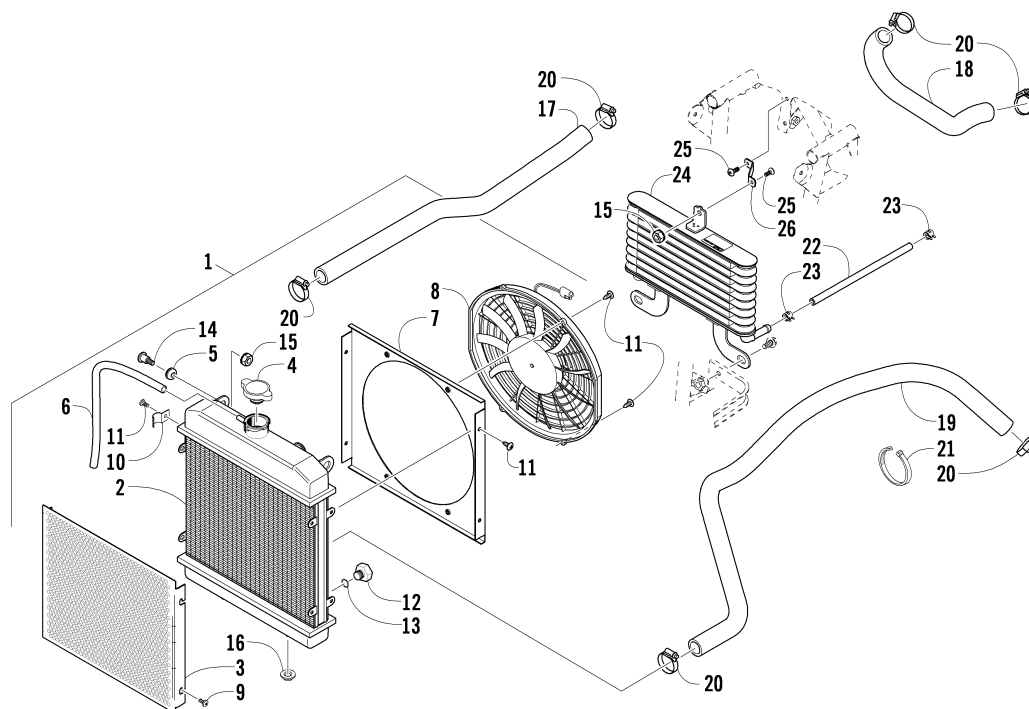
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5991-395	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	4	0645-480	1	Battery Assembly (inc. 5)
2	2406-815	1	● Cover, Battery	5	0645-430	1	● Decal, Warning
3	0406-288	2	● Pad, Battery	6	8476-620	2	Screw, Machine
*	0444-122	1	● Kit, Tool	7	0417-012	1	Foam, Battery



ENGINE AND EXHAUST

0743-272

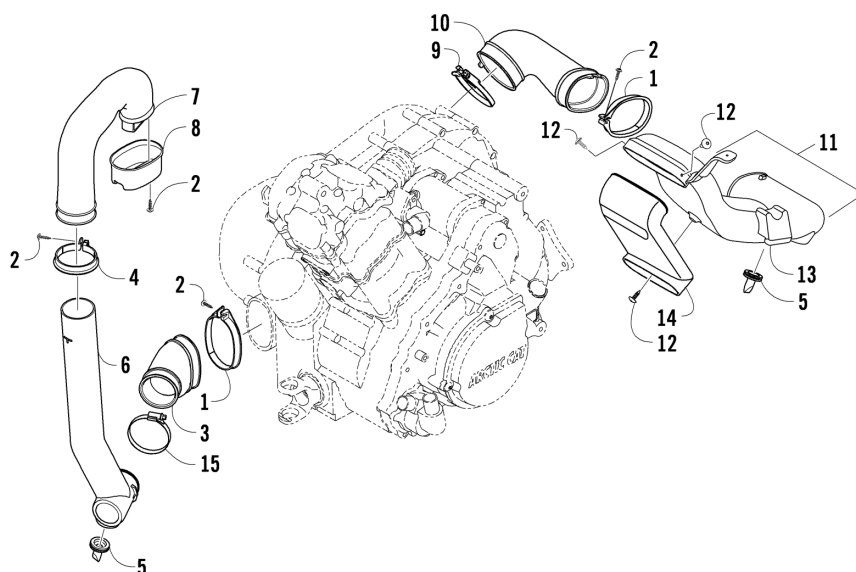
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0800-039	1	Engine, A700CH1	14	0412-348	1	● Shield, Exhaust Pipe - Outer - Front
2	1506-740	1	Bracket, Engine - Right	15	0512-362	1	● Pipe, Exhaust
	1506-741	1	Bracket, Engine - Left	16	0423-317	4	● Hose Clamp
3	0423-405	2	Screw, Cap	17	0412-338	1	Gasket, Exhaust Pipe
4	0423-042	1	Spacer, Engine	18	0412-375	1	Seal, Exhaust
5	8428-002	2	Nut, Lock	19	0612-668	2	Spring, Extension
6	2406-065	4	Mount, Rubber - Engine	20	0412-215	3	Bushing
7	8408-820	10	Screw, Cap	21	1506-732	1	Channel, Muffler Support
8	8408-012	4	Screw, Cap	22	0512-430	1	Muffler - Assembly (inc. 21-23)
9	8432-802	8	Nut, Lock	23	8477-610	3	● Screw, Machine
10	0512-363	1	Pipe, Exhaust - Assembly (inc. 11-16)	24	0412-489	1	● Cover, Muffler
11	0412-355	1	● Shield, Exhaust Pipe - Lower - Rear	25	0412-490	3	● Washer
12	0412-354	1	● Shield, Exhaust Pipe - Upper - Rear	26	0801-108	4	Bushing, Engine Mount
13	0412-349	1	● Shield, Exhaust Pipe - Inner - Front	27	0411-426	1	Decal, Warning - Clutch Cover



COOLING ASSEMBLY

0742-668

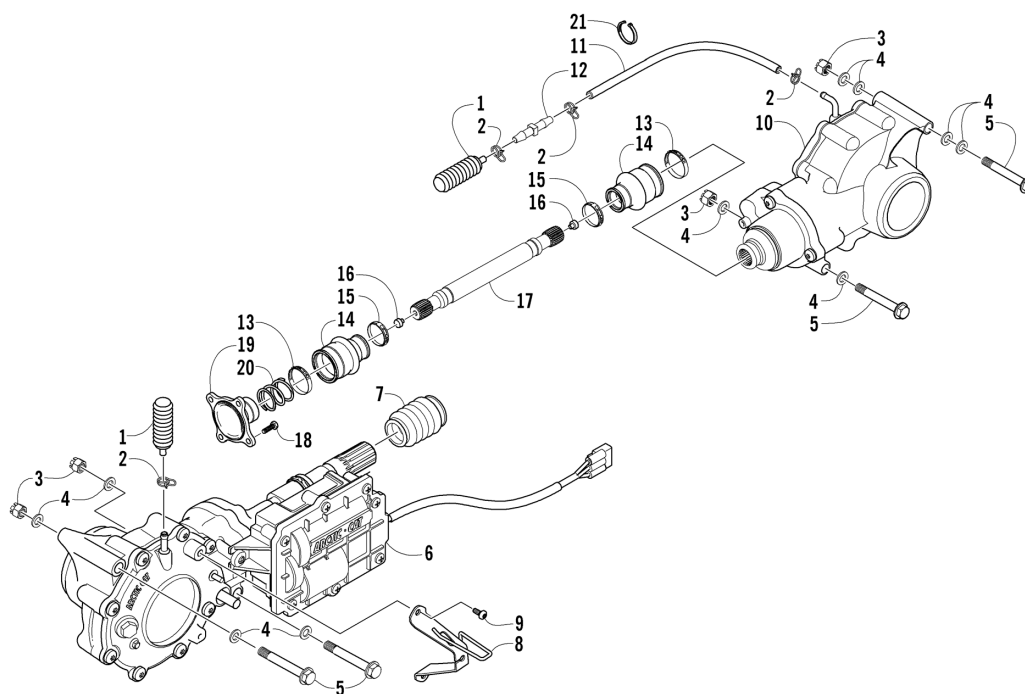
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-199	1	Radiator Assembly (inc. 2-13)	14	0423-484	2	Screw, Shoulder
2	0413-205	1	● Radiator	15	0623-038	4	Nut w/Washer
3	0413-007	1	● Screen, Radiator	16	0423-028	2	Bushing, Stem
4	0413-002	1	● Cap, Radiator	17	0410-002	1	Hose, Coolant - Upper
5	0423-030	2	● Grommet	18	0410-022	1	Hose, Coolant - Crossover
6	0610-016	AR	● Hose - 25 ft	19	0410-041	1	Hose, Coolant - Lower
7	0413-203	1	● Shroud, Fan	20	0423-496	6	Clamp, Hose
8	0413-123	1	● Fan, Cooling	21	0123-788	2	Tie, Cable
9	8475-512	4	● Screw, Machine	22	0410-127	2	Hose, Oil Cooler
10	0423-351	1	● Clamp, Wire	23	0423-632	4	Clamp, Hose
11	0623-378	8	● Screw, Self-Tapping	24	0413-163	1	Cooler, Oil
12	0413-195	1	● Plug, Drain	25	8476-612	2	Screw, Machine
13	1602-213	1	● O-Ring	26	0513-022	1	Bracket, Mounting - Oil Cooler - Upper



CASE/BELT COOLING ASSEMBLY

0743-100

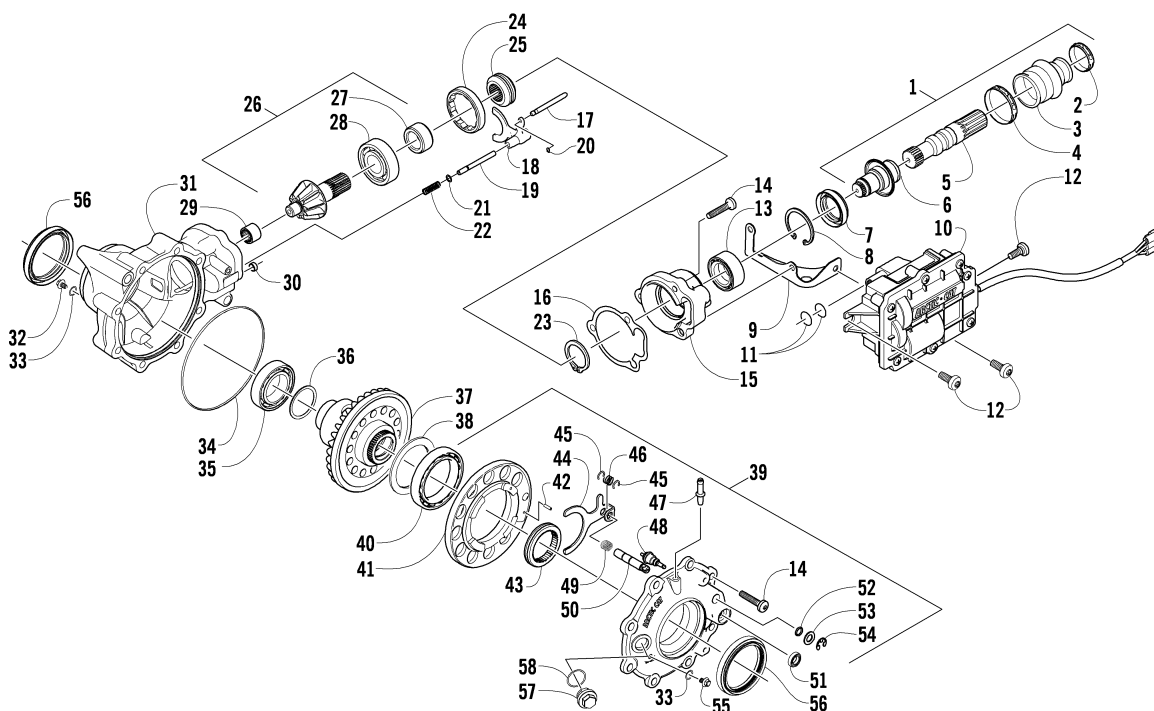
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-550	2	Clamp, Plastic	9	0423-730	1	Clamp, Boot
2	0423-342	5	Screw, Self-Tapping	10	0413-187	1	Boot, Duct - Air Out - Rear
3	0413-198	1	Boot, Duct - Air Intake - Front	11	0470-824	1	Duct, Air Out - Rear
4	0423-551	1	Clamp, Boot				(inc. three No. 12 and 13-14)
5	0470-442	2	Valve, Drain	12	0623-784	4	● Screw, Self-Tapping
6	0513-010	1	Duct, Air Intake - Front - Lower	13	0470-825	1	● Duct
7	0470-750	1	Duct, Air Intake - Front - Upper	14	0470-778	1	● Duct
8	0470-729	1	Cup, Air Intake	15	0423-019	1	Clamp, Boot



DRIVE TRAIN ASSEMBLY

0742-342

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1402-620	2	Bladder, Gearcase	12	0470-462	1	Fitting, Vent
2	0423-315	4	Clamp, Fitting	13	0423-393	2	Clamp, Boot
3	8428-002	4	Nut, Lock	14	0402-985	2	Boot
4	0423-426	10	Washer	15	0423-411	2	Clamp, Boot
5	0423-404	4	Screw, Cap	16	0673-618	2	Bumper, Propeller Shaft
6	1502-306	1	Gearcase, Front	17	1402-092	1	Shaft, Propeller
7	0402-966	1	Boot, Shaft	18	8408-820	4	Screw, Cap
8	0502-500	1	Plate, Cable	19	0402-950	1	Flange, Output
9	0423-396	2	Screw, Self-Tapping	20	1402-026	1	Spring
10	1502-080	1	Gearcase, Rear	21	0123-788	1	Tie, Cable
11	0410-048	AR	Hose, Vent				

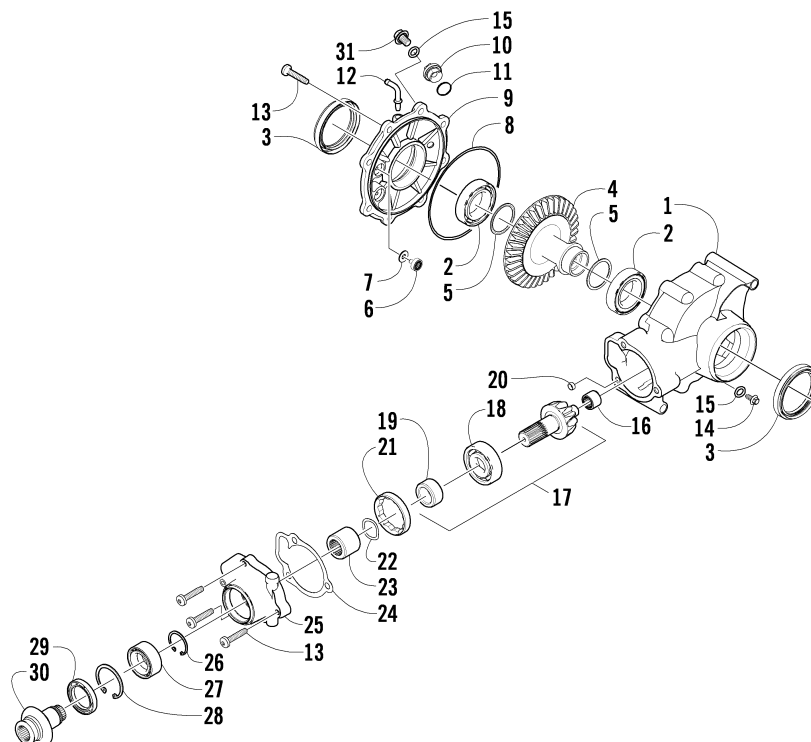


FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-306)

0742-344

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-083	1	Shaft, Propeller - Assembly (inc. 2-6)	35	0402-393	1	Bearing
2	0423-411	1	● Clamp, Boot	36	0402-405	AR	Shim
3	0402-985	1	● Boot, Propeller Shaft		0402-406	AR	Shim
4	0423-393	1	● Clamp, Boot		0402-407	AR	Shim
5	1402-045	1	● Shaft, Output		0402-408	AR	Shim
6	1502-085	1	● Shaft, Input		0402-409	AR	Shim
7	1402-011	1	Seal	37	1502-233	1	Gear, Ring - 34T
8	0423-423	1	Ring, Retaining	38	1402-074	AR	Shim
9	0502-347	1	Bracket, Actuator		1402-075	AR	Shim
10	0502-579	1	Actuator (inc. one No. 11)		1402-076	AR	Shim
11	0423-498	2	● O-Ring		1402-077	AR	Shim
12	0423-396	3	Screw, Self-Tapping		1402-078	AR	Shim
13	1402-043	1	Bearing	39	1502-097	1	Cover, Gearcase (inc. one No. 33, 40-55, and one No. 56)
14	0423-118	11	Screw, Self-Tapping	40	1402-053	1	● Bearing
15	0502-528	1	Housing, Pinion	41	0502-413	1	● Flange, Bearing
16	0402-947	1	Gasket, Flange	42	1402-079	1	● Pin, Parallel
17	0402-997	1	Shaft, Selector	43	1402-042	1	● Collar, Sliding
18	0402-998	1	Fork, Selector	44	1402-054	1	● Fork
19	0402-417	1	Shaft, Shuttle	45	1402-058	2	● Ring, Retaining
20	0423-402	1	Ring, Retaining	46	1402-057	1	● Spring
21	0423-147	1	O-Ring	47	1402-104	1	● Fitting
22	0402-999	1	Spring, Return	48	0402-419	1	● Switch, Indicator
23	0423-417	1	Ring, Retaining	49	1402-063	1	● Spring
24	0402-357	1	Collar, Lock	50	1402-055	1	● Shaft, Lock
25	0402-413	1	Coupler, Drive	51	1402-056	1	● Seal
26	0502-784	1	Gear, Pinion - Assembly - 11T (inc. 27-28)	52	0423-133	1	● O-Ring
27	0402-336	1	● Collar, Retaining	53	0423-132	1	● Washer
28	0402-327	1	● Bearing	54	0423-424	1	● Ring, Retaining
29	0402-328	1	Bearing	55	1402-211	1	● Plug, Oil Level (inc. one No. 33)
30	0402-411	1	Pin, Dowel	56	1402-441	2	● Seal
31	0502-514	1	Housing, Gearcase	57	0402-333	1	Plug, Fill (inc. 58)
32	1402-210	1	Plug, Magnetic (inc. one No. 33)	58	0423-154	1	● O-Ring
33	0423-153	2	● O-Ring				
34	0423-149	1	O-Ring				

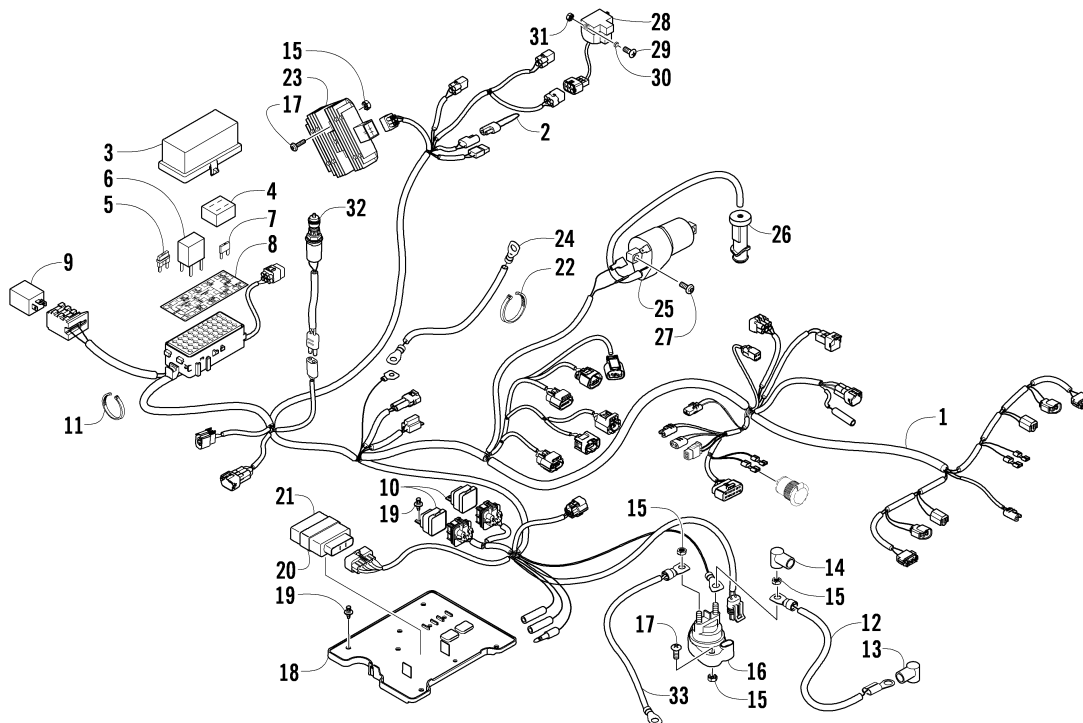


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-080)

0741-524

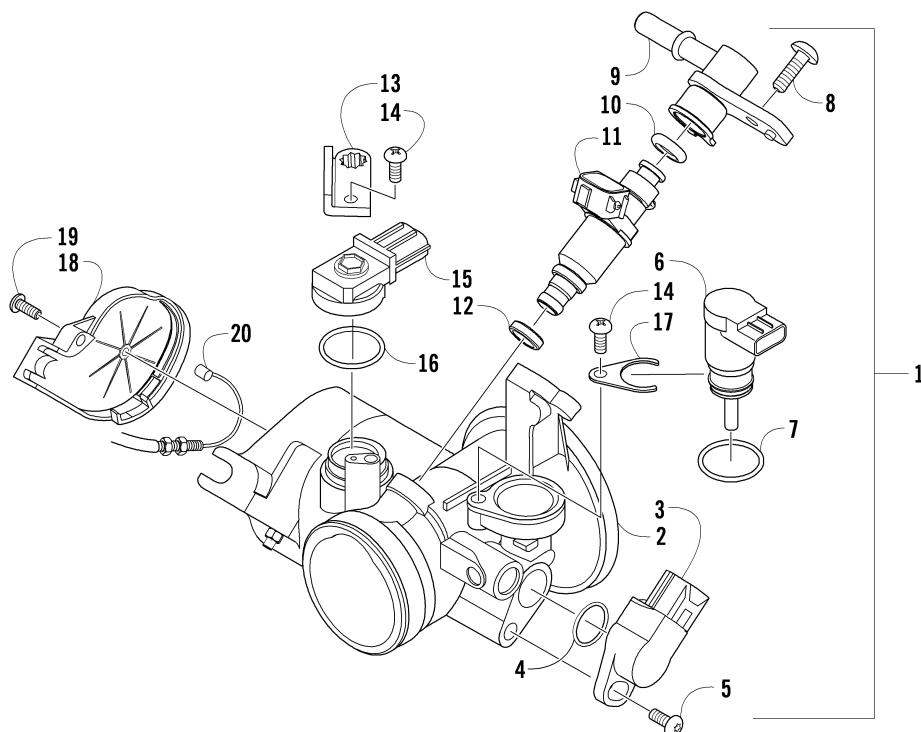
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-622	1	Housing, Gearcase	13	0423-118	11	Screw, Self-Tapping
2	0402-393	2	Bearing	14	0402-450	1	Plug, Magnetic (inc. one No. 15)
3	1402-441	2	Seal	15	0423-153	2	● O-Ring
4	1402-033	1	Gear, Ring - 34T	16	0402-328	1	Bearing
5	0402-405	AR	Shim	17	0502-784	1	Gear, Pinion - Assembly - 11T (inc. 18-19)
	0402-406	AR	Shim	18	0402-327	1	● Bearing
	0402-407	AR	Shim	19	0402-336	1	● Collar, Retaining
	0402-408	AR	Shim	20	0402-411	1	Pin, Dowel
	0402-409	AR	Shim	21	0402-331	1	Collar, Lock
6	0402-326	1	Button, Thrust	22	0402-982	1	Washer, Wave
7	0402-429	AR	Shim	23	0402-981	1	Collar, Shaft
	0402-430	AR	Shim	24	0402-947	1	Gasket, Flange
	0402-431	AR	Shim	25	0502-529	1	Housing, Pinion
	0402-432	AR	Shim	26	0423-417	1	Ring, Retaining
	0402-433	AR	Shim	27	1402-043	1	Bearing
8	0423-149	1	O-Ring	28	0423-423	1	Ring, Retaining
9	1502-082	1	Cover, Gearcase	29	1402-011	1	Seal
10	0402-333	1	Plug, Fill (inc. 11)	30	1502-085	1	Shaft, Input
11	0423-154	1	● O-Ring	31	1402-211	1	Plug, Oil Level (inc. one No. 15)
12	1402-102	1	Fitting				



WIRING HARNESS ASSEMBLY

0743-248

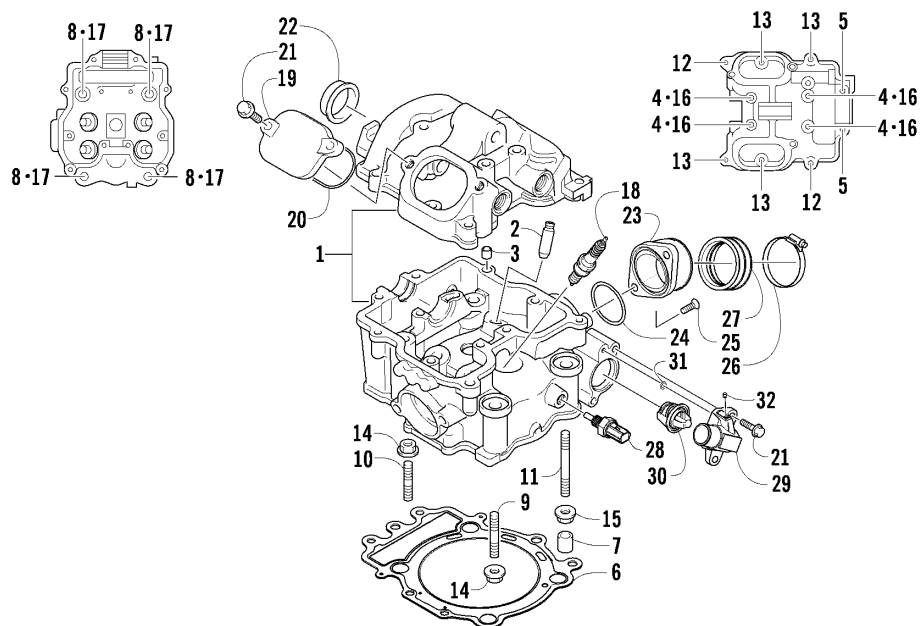
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-288	1	Harness, Main (inc. 2-10)	17	8476-625	6	Screw, Machine
2	0486-164	1	● Tether, Accessory Connector	18	2406-643	1	Tray, Electrical
3	0530-008	1	● Cover, Fuse Block	19	0623-362	5	Rivet, Reinstallable
4	0430-037	1	● Holder, Fuse	20	0430-076	1	Cushion, ECU
5	0430-034	2	● Diode	21	0530-031	1	ECU
6	0430-045	5	● Relay (4-Pin) - 20 Amp	22	0123-903	AR	Tie, Cable - 11.5 in.
7	0430-032	5	● Fuse - 10 Amp	23	0824-037	1	Regulator, Voltage
	0430-031	3	● Fuse - 15 Amp	24	0445-070	1	Cable, Battery/Ground
	0430-030	2	● Fuse - 30 Amp	25	0824-043	1	Coil, Ignition - Assembly
8	1411-526	1	● Decal, Fuse Block	26	0824-049	1	Cap, Spark Plug
9	0430-049	1	● Flasher (3-Pin)	27	8476-620	2	Screw, Machine
10	0430-052	2	● Relay (5-Pin) - 30 Amp	28	0409-064	1	Switch, Tilt Sensor
11	0123-788	AR	Tie, Cable - 8 in.	29	8468-425	2	Screw, Machine
12	0445-064	1	Cable, Solenoid/Starter (inc. 13)	30	0123-802	2	Washer
13	0645-019	1	● Boot, Terminal	31	0423-493	2	Nut w/Washer
14	0645-327	1	Boot, Terminal	32	0409-089	1	Switch, Brake - Assembly
15	0623-038	6	Nut w/Washer	33	0445-062	1	Cable, Battery/Solenoid
16	0445-058	1	Solenoid				



THROTTLE BODY ASSEMBLY

0742-670 *Not a Service Part

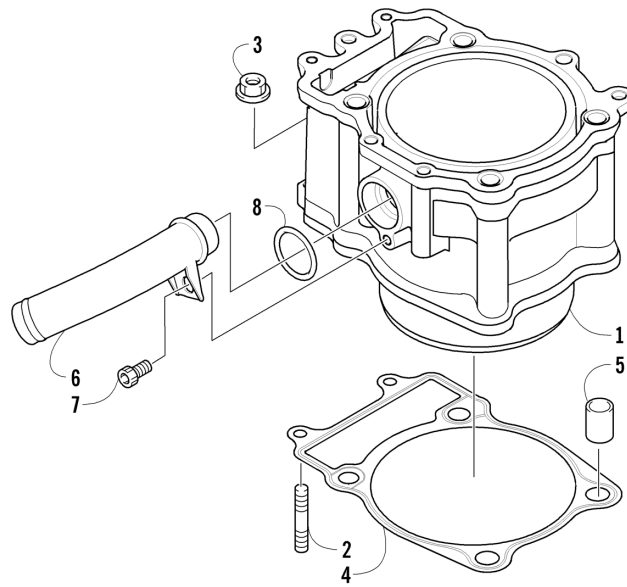
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0470-753	1	Throttle - Assembly (inc. 2-19)	11	0470-762	1	● Injector, Fuel
2	*	1	● Throttle Body	12	0470-768	1	● Seal, Fuel Injector
3	0430-072	1	● Sensor, Throttle Position	13	5507-227	1	● Bracket, MAP Sensor
4	5507-234	1	● O-Ring, Throttle Position Sensor	14	5507-117	2	● Screw
5	5507-231	1	● Screw, Throttle Position Sensor	15	0430-073	1	● Sensor, MAP
6	0430-074	1	● Valve, ISC	16	5507-232	1	● O-Ring, MAP Sensor
7	5507-233	1	● O-Ring, ISC Valve	17	5507-229	1	● Plate, ISC Valve
8	5507-238	1	● Screw	18	5507-223	1	● Cover
9	0470-687	1	● Rail, Fuel	19	5507-037	1	● Screw
10	0470-767	1	● O-Ring, Fuel Injector	20	0487-057	1	Cable, Throttle



CYLINDER HEAD ASSEMBLY

0742-683 **Not a Service Part

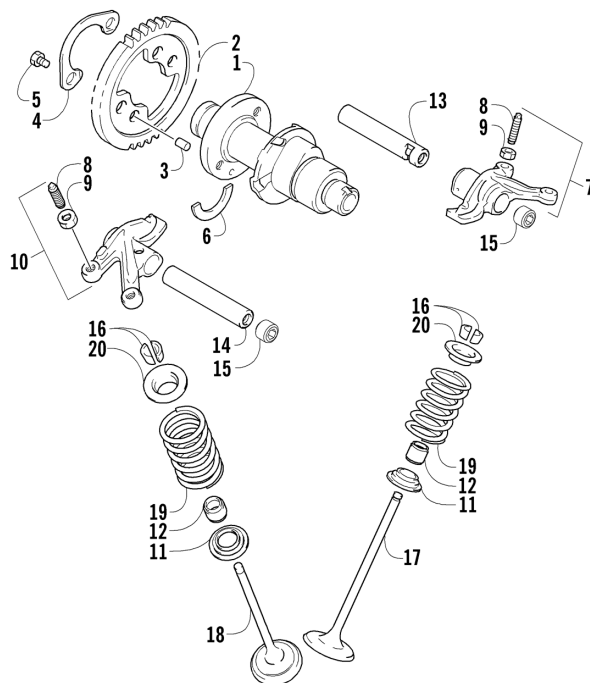
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0808-082	1	Head, Cylinder - Assembly (inc. 2-4)*	19	0808-003	2	Cap, Inspection
2	**	4	● Guide, Valve	20	0830-167	2	O-Ring
3	0829-001	2	● Pin, Dowel	21	0826-007	4	Screw, Cap
4	0826-001	4	● Screw, Cap	22	0808-077	1	Plug, Cylinder Head
5	0826-002	2	Screw, Cap	23	0470-668	1	Flange, Intake Manifold
6	0830-112	1	Gasket, Cylinder Head	24	0830-090	1	O-Ring
7	0829-002	2	Pin, Dowel	25	0826-008	2	Screw, Machine
8	0808-037	4	Screw, Cap	26	0423-066	1	Clamp
9	0827-054	2	Bolt, Stud	27	0470-669	1	Boot
10	0827-002	2	Bolt, Stud	28	0808-124	1	Switch, Engine Coolant Temperature - Assembly
11	0827-031	1	Bolt, Stud	29	0808-113	1	Cover, Thermostat
12	0826-005	2	Screw, Cap	30	0808-078	1	Thermostat
13	0826-006	4	Screw, Cap				
14	8424-604	4	Nut				
15	8424-804	1	Nut				
16	0830-107	4	Gasket				
17	0830-147	4	Washer, Crush				
18	0217-799	1	Spark Plug (CPR8E)				
							* Cylinder Head Assembly (p/n 0808-082) includes valve train components. Refer to Camshaft/Valve Assembly for complete parts listing.



CYLINDER ASSEMBLY

0742-685

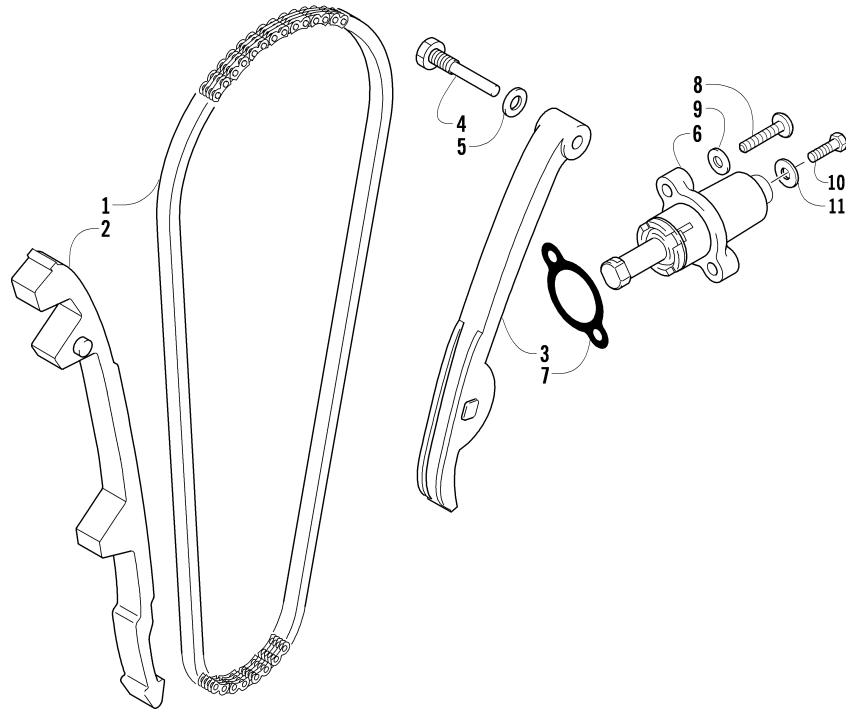
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0804-024	1	Cylinder	5	0829-002	2	Pin, Dowel
2	0827-002	2	Bolt, Stud	6	0804-047	1	Union, Coolant Hose
3	8424-604	2	Nut	7	8468-612	1	Screw, Machine
4	0830-111	1	Gasket, Base	8	0830-007	1	O-Ring



CAMSHAFT/VALVE ASSEMBLY

0739-942 *Included in Cylinder Head Assembly (p/n 0808-082)

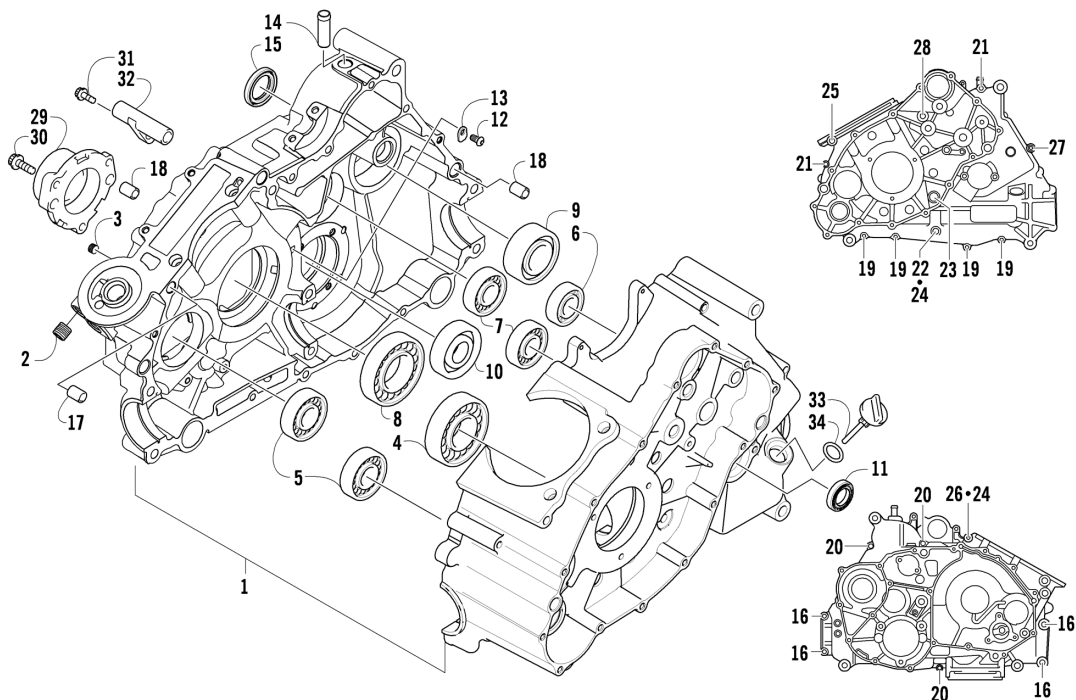
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0809-200	1	Camshaft	11	0809-006	4	Seat, Spring - Valve*
2	0809-002	1	Sprocket	12	0830-016	4	Seal, Oil*
3	0829-008	1	Pin, Dowel	13	0809-007	1	Shaft, Rocker Arm - Intake*
4	0828-004	1	Plate, Retaining	14	0809-008	1	Shaft, Rocker Arm - Exhaust*
5	0826-034	2	Screw, Cap	15	0831-066	2	Plug, Shaft*
6	0809-003	1	C-Ring	16	0809-014	8	Cotter, Valve*
7	0809-202	1	Arm, Valve Rocker - Intake (inc. two No. 8-9)*	17	0809-039	2	Valve, Intake*
8	0809-033	4	● Screw, Adjuster*	18	0809-040	2	Valve, Exhaust*
9	0827-007	4	● Nut*	19	0809-138	4	Spring, Valve*
10	0809-205	1	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)*	20	0809-013	4	Retainer, Spring*



CAM CHAIN ASSEMBLY

0732-308

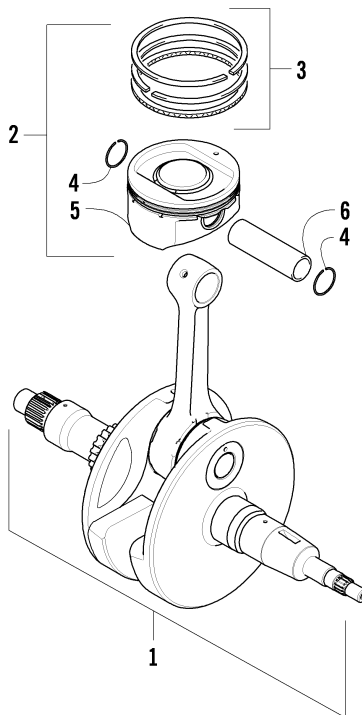
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0810-001	1	Chain, Cam	7	0830-018	1	Gasket
2	0810-002	1	Guide, Chain	8	8468-625	2	Screw, Machine
3	0810-003	1	Tensioner, Chain	9	0830-107	2	Gasket
4	0826-036	1	Screw, Cap	10	8400-610	1	Screw, Cap
5	0830-025	1	Washer	11	8428-110	1	Washer
6	0810-004	1	Adjuster, Tensioner - Assembly				



CRANKCASE ASSEMBLY

0742-655

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0837-004	1	Crankcase Assembly (inc. 2-16)	18	0829-002	5	Pin, Dowel
2	0812-064	2	● Plug	19	8468-645	4	Screw, Machine
3	0801-002	1	● Plug	20	8468-655	3	Screw, Machine
4	0832-043	1	● Bearing	21	8468-675	2	Screw, Machine
5	0832-044	2	● Bearing	22	8412-860	1	Screw, Cap
6	0832-049	1	● Bearing	23	0826-017	1	Screw, Cap
7	0832-050	2	● Bearing	24	0830-008	2	Gasket
8	0832-042	1	● Bearing	25	0826-019	1	Screw, Cap
9	0832-048	1	● Bearing	26	0826-018	1	Screw, Cap
10	0832-051	1	● Bearing	27	8468-695	1	Screw, Machine
11	0822-052	1	● Seal, Countershaft	28	8468-680	1	Screw, Machine
12	0826-100	4	● Screw, Cap	29	0801-006	1	Housing, Secondary Shaft Bearing
13	0822-010	4	● Retainer, Bearing	30	0826-105	3	Screw, Cap
14	0801-028	1	● Pipe, Breather	31	0801-069	1	Pipe, Breather
15	0830-035	1	● Seal, Driveshaft	32	0826-038	1	Bolt, Breather Pipe
16	8412-850	4	● Screw, Cap	33	0801-073	1	Stick, Oil Level
17	0829-003	1	Pin, Dowel	34	0830-010	1	O-Ring, Oil Level Stick

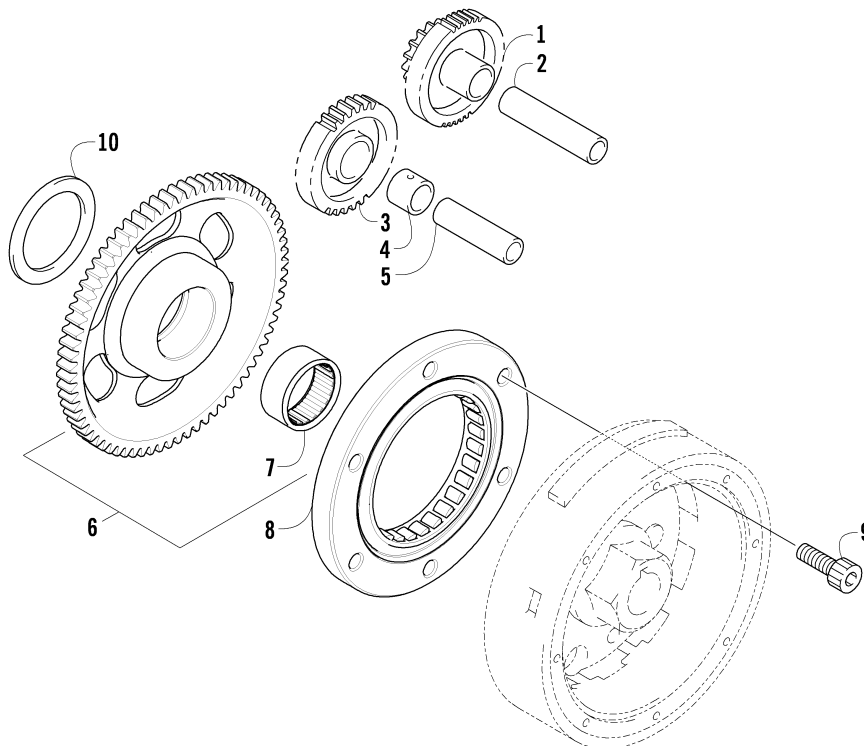


CRANKSHAFT AND PISTON ASSEMBLY

0739-932

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0805-032	1	Crankshaft Assembly	4	0831-001	2	● Circlip, Piston Pin
2	0805-158	1	Piston Set (inc. 3-6)	5	0805-131	1	● Piston
3	0805-132	1	● Ring, Piston - Set	6	0805-210	1	● Pin, Piston

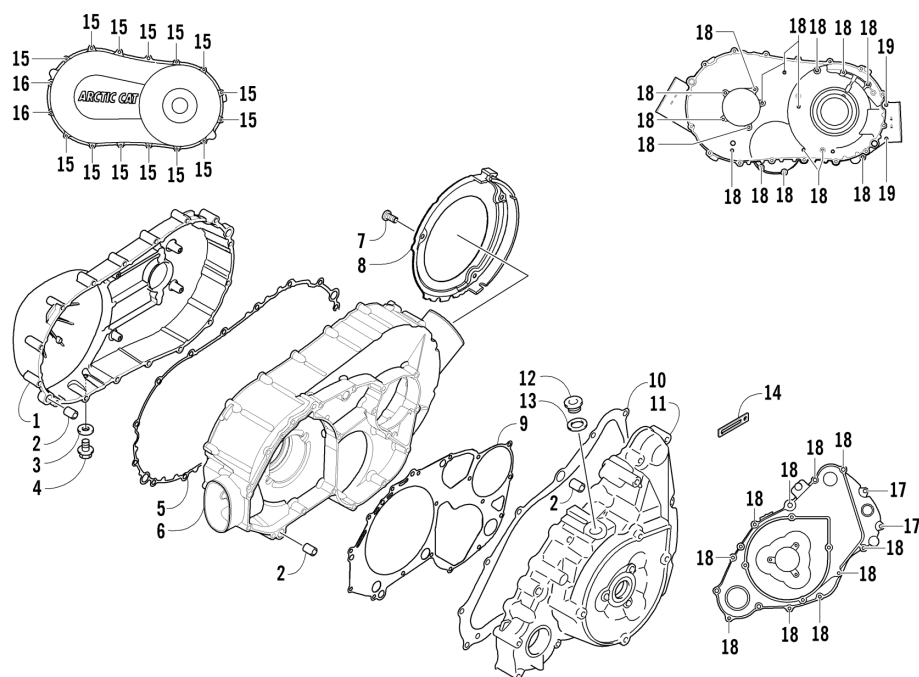
34



STARTER CLUTCH ASSEMBLY

0739-940

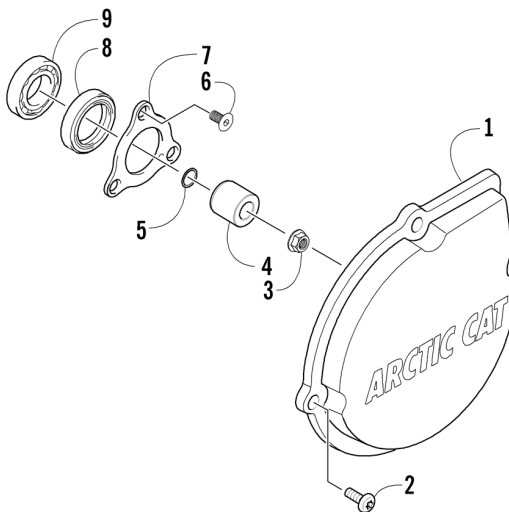
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0815-001	1	Gear, Starter Idler - No. 1	6	0815-004	1	Gear, Starter Clutch (inc. 7)
2	0829-031	1	Shaft, Starter Gear	7	0832-004	1	● Bearing
3	0815-002	1	Gear, Starter Idler - No. 2	8	0802-035	1	Clutch, Starter
4	0815-003	1	Spacer, Starter Idler Gear No. 2	9	0826-069	6	Screw, Machine
5	0829-032	1	Shaft, Starter Gear	10	0828-094	1	Washer



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0742-528

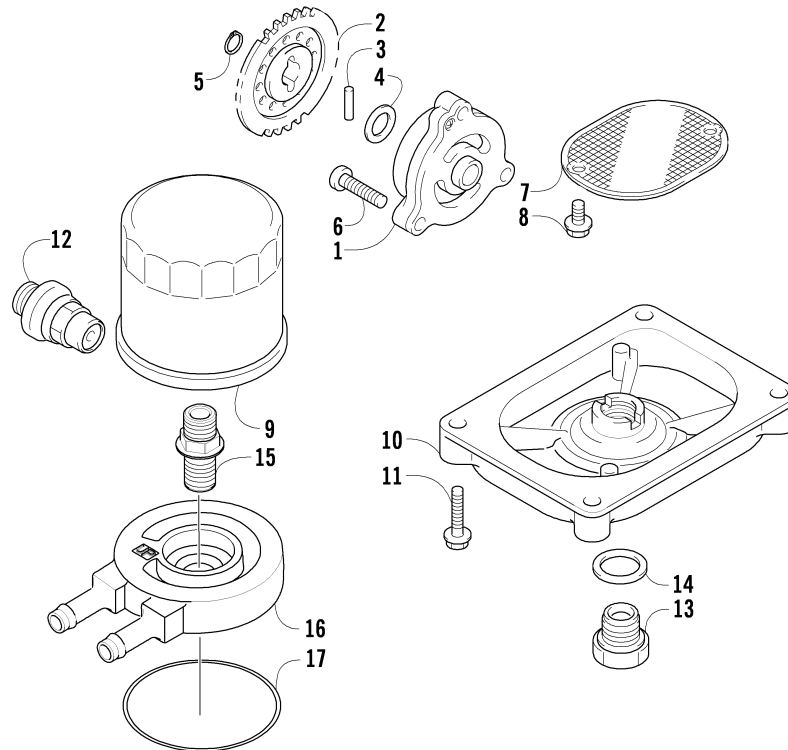
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0806-088	1	Cover, V-Belt	11	0806-082	1	Cover, Magneto - Assembly
2	0829-002	4	Pin, Dowel	12	0806-022	1	Plug
3	0830-013	1	Washer, Crush	13	0830-015	1	Washer, Crush
4	8408-812	1	Screw, Cap	14	3002-964	1	Clamp, Wire
5	0830-174	1	Gasket, V-Belt Cover	15	8468-645	14	Screw, Machine
6	0806-086	1	Cover, Clutch	16	8468-655	2	Screw, Machine
7	0826-029	3	Screw, Machine	17	8468-625	2	Screw, Machine
8	0806-048	1	Plate, Air Intake	18	8468-640	26	Screw, Machine
9	0830-116	1	Gasket, Clutch Cover	19	8468-675	2	Screw, Machine
10	0830-128	1	Gasket, Magneto Cover				



OUTER MAGNETO COVER ASSEMBLY

0742-516

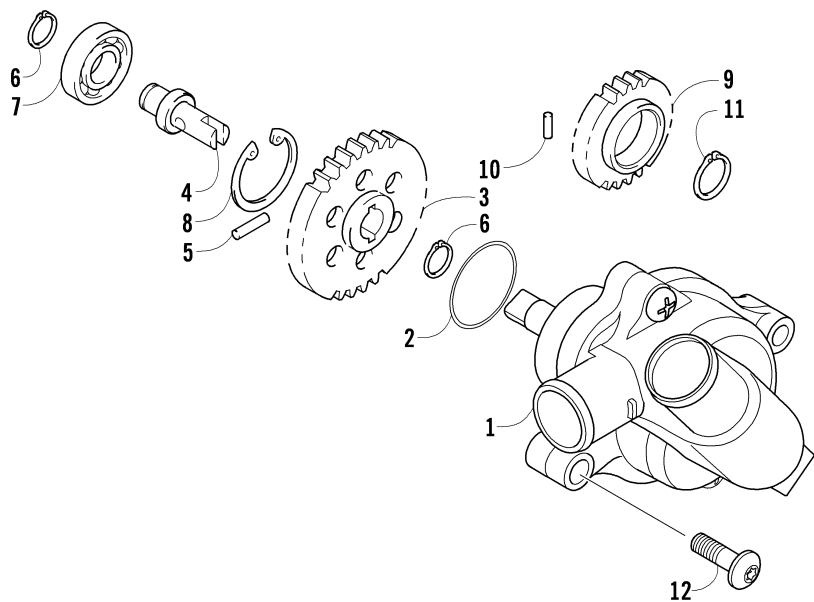
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0820-062	1	Cover, Magneto - Outer	6	0826-031	3	Screw, Machine
2	0826-008	4	Screw, Machine	7	0805-008	1	Retainer, Oil Seal
3	0827-008	1	Nut	8	0830-158	1	Seal, Oil
4	0820-061	1	Bushing	9	0832-045	1	Bearing
5	0830-108	1	O-Ring				



OIL FILTER/PUMP ASSEMBLY

0742-688

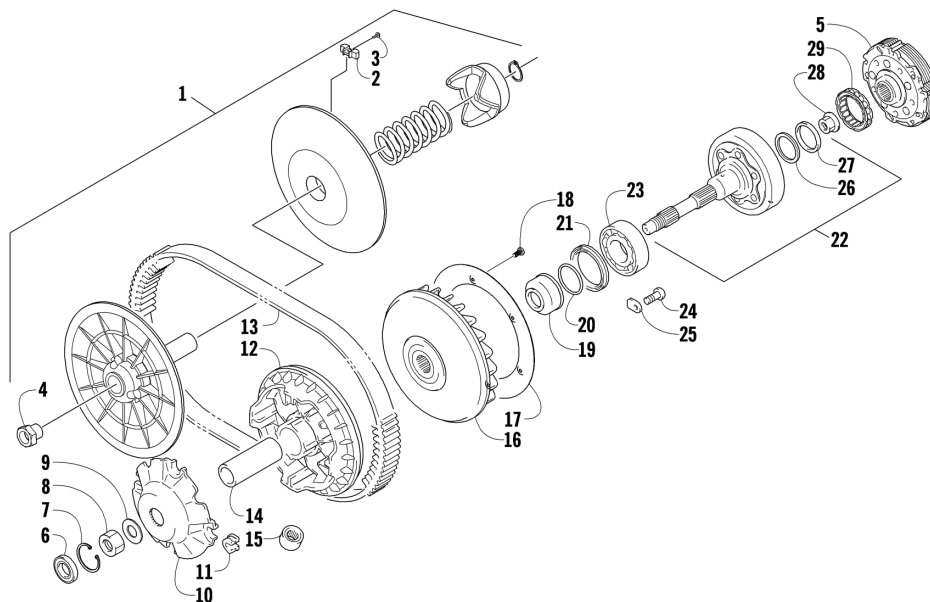
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0812-023	1	Pump, Oil	10	0812-053	1	Cap, Oil Strainer
2	0812-002	1	Gear, Driven	11	8468-625	4	Screw, Machine
3	0829-009	1	Pin	12	0812-007	1	Valve, Oil-Relief - Assembly
4	0828-007	1	Washer	13	0812-006	1	Plug, Drain
5	0831-002	1	Ring, Retaining	14	0830-017	1	Gasket, Drain Plug
6	0826-039	3	Screw, Cap	15	0812-056	1	Stand, Oil Fitting
7	0812-057	1	Strainer, Oil	16	0812-055	1	Tower, Oil Fitting
8	0826-040	2	Screw, Machine	17	0830-166	1	O-Ring, Oil Fitting
9	0812-029	1	Filter, Oil				



WATER PUMP ASSEMBLY

0739-945

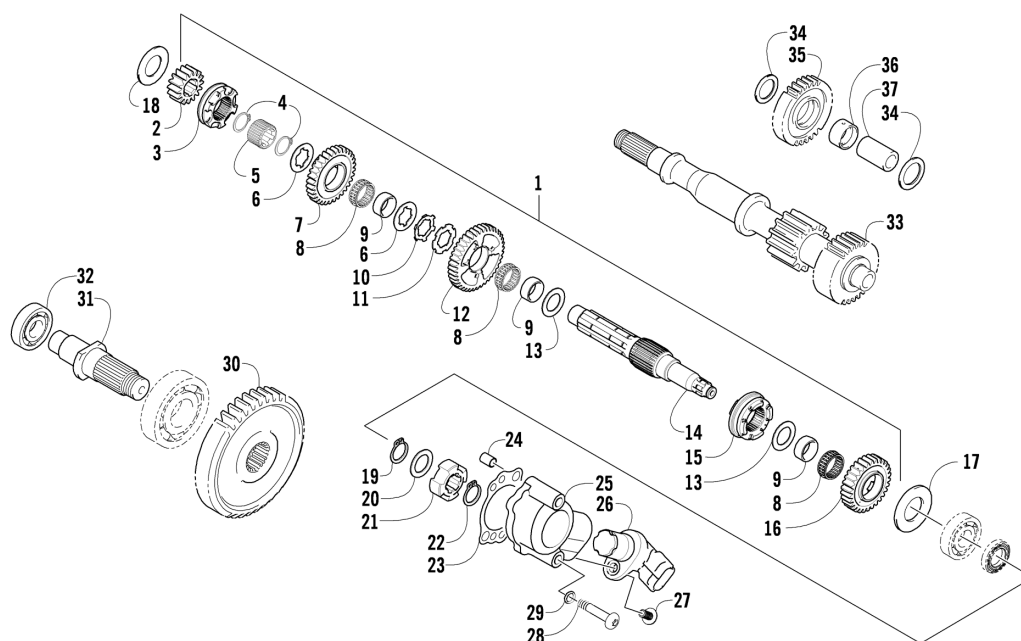
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0813-001	1	Pump, Water - Assembly (inc. 2)	7	0832-046	1	Bearing, Shaft
2	0830-029	1	● O-Ring	8	0831-004	1	Ring, Retaining
3	0813-004	1	Gear, Driven	9	0811-003	1	Gear, Water Pump Drive
4	0813-005	1	Shaft, Driven Gear	10	0829-007	1	Pin, Dowel
5	0829-009	1	Pin, Dowel	11	0831-005	1	Ring, Retaining
6	0831-002	2	Ring, Retaining	12	8468-665	2	Screw, Machine



TRANSMISSION ASSEMBLY

0742-517

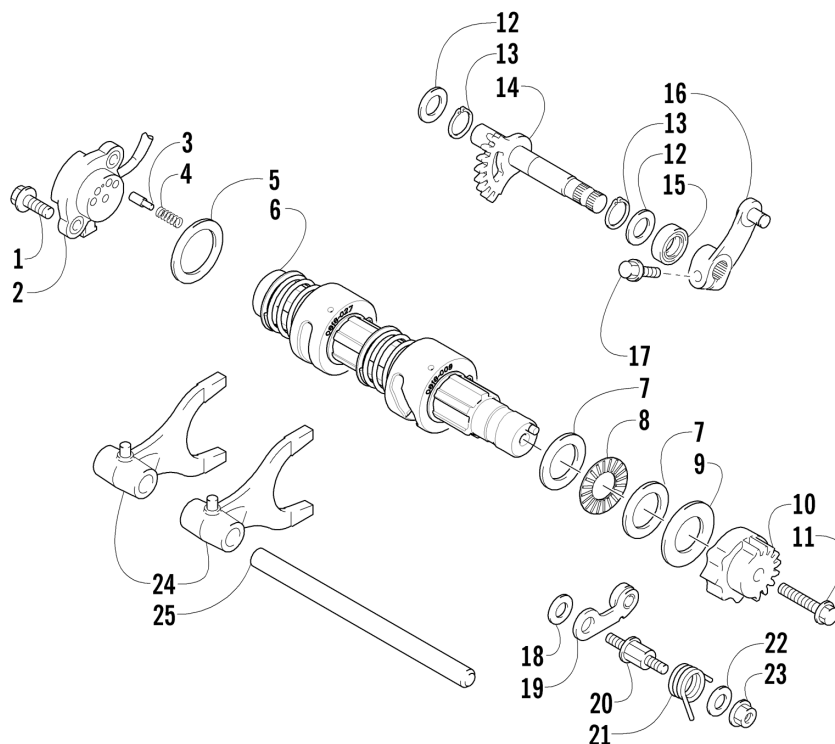
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	16	0823-156	1	Face, Fixed Drive
2	0823-176	3	● Shoe, Cam	17	0823-131	1	Shroud, Drive Face
3	0823-177	3	● Screw, Cam	18	0623-914	6	Screw, Self-Tapping
4	0823-178	1	● Nut, Driven Pulley	19	0823-015	1	Spacer, Fixed Drive Face
5	0823-098	1	Clutch, Centrifugal - 6 Plate	20	0470-531	1	O-Ring
6	0832-060	1	Bearing	21	0830-034	1	Seal, Clutch Housing - Right
7	0831-078	1	Ring, Retaining	22	0806-096	1	Housing, Clutch - Assembly (inc. 26-27)
8	0827-010	1	Nut	23	0832-047	1	Bearing
9	0828-106	1	Washer	24	0826-029	2	Screw, Machine
10	0823-008	1	Plate, Movable Drive Face	25	0822-010	2	Retainer, Bearing
11	0823-010	4	Damper, Movable Drive Face	26	0828-075	1	Shim
12	0823-159	1	Face, Movable Drive	27	0823-017	1	Seal, Clutch Housing - Left
13	0823-013	1	Belt, Drive	28	0827-011	1	Nut
14	0823-149	1	Spacer, Movable Drive Face	29	0823-018	1	Clutch, One-Way
15	0823-167	8	Roller, Movable Drive Face				



SECONDARY TRANSMISSION ASSEMBLY

0739-954

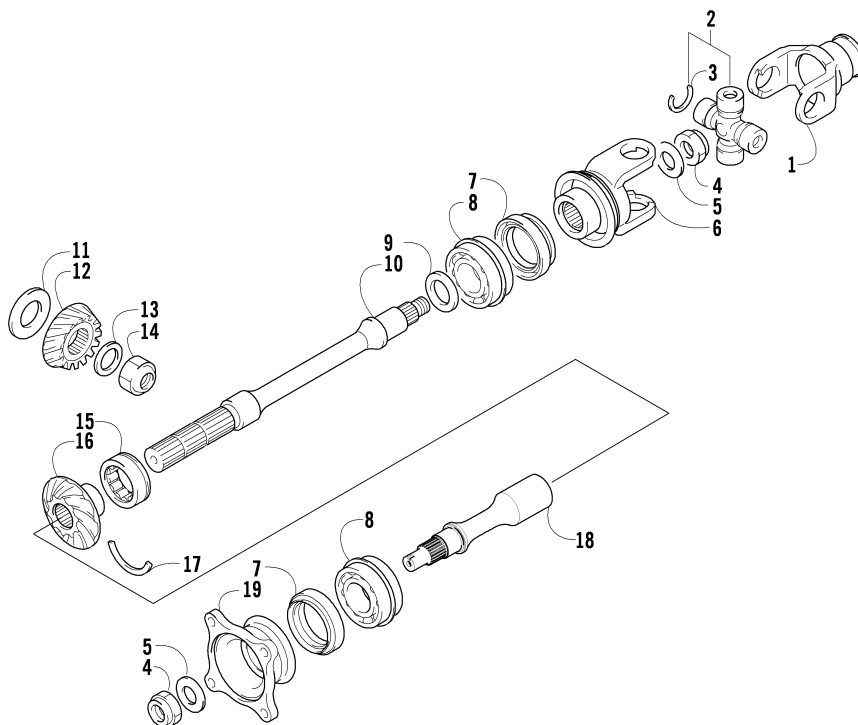
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0822-048	1	Countershaft Assembly (inc. 2-16)	20	0828-069	1	Washer, Thrust
2	0822-008	1	● Gear, Drive	21	0822-050	1	Trigger, Speedometer Sensor
3	0822-014	1	● Dog, Reverse Driven Gear	22	0831-039	1	Ring, Retaining
4	0831-011	2	● Ring, Retaining	23	0830-129	1	Gasket
5	0822-045	1	● Spacer, Reverse Driven Gear	24	0829-023	2	Pin, Dowel
6	0828-008	2	● Washer	25	0822-049	1	Housing, Speedometer Sensor
7	0822-013	1	● Gear, Reverse Driven	26	0824-042	1	Sensor, Speedometer
8	0832-011	3	● Bearing	27	8468-620	1	Screw, Machine
9	0822-005	3	● Bushing	28	8468-645	2	Screw, Machine
10	0828-014	1	● Washer, Lock	29	0830-107	2	Seal, Fastener
11	0828-015	1	● Washer, Lock	30	0822-009	1	Gear, Driven
12	0822-004	1	● Gear, Driven - Low	31	0822-067	1	Shaft, Output
13	0822-046	2	● Washer, Driven Gear	32	0832-050	1	Bearing
14	0822-003	1	● Countershaft	33	0822-001	1	Driveshaft
15	0822-007	1	● Dog, Sliding	34	0828-016	2	Washer, Reverse Idle Gear
16	0822-006	1	● Gear, Driven - High	35	0822-011	1	Gear, Reverse Idle
17	0828-011	1	Washer, Drive Gear	36	0822-012	1	Bushing, Reverse Idle Gear
18	0828-010	1	Washer, Drive Gear	37	0822-015	1	Shaft, Reverse Idle
19	0831-040	1	Ring, Retaining				



GEAR SHIFTING ASSEMBLY

0739-957

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8470-520	2	Screw, Machine	14	0818-007	1	Shaft, Sub-Gear Shift
2	0409-090	1	Switch, Gear Shift Position	15	0830-044	1	Seal, Sub-Gear Shift Shaft
3	0818-013	2	Contact	16	0818-014	1	Arm, Select
4	0818-017	2	Spring	17	8468-620	1	Screw, Machine
5	0828-040	1	Washer	18	0828-038	1	Washer
6	0818-046	1	Shaft, Gear Shift - Assembly	19	0818-002	1	Stopper, Cam
7	0828-095	2	Washer, Thrust	20	0818-004	1	Support, Cam Stopper
8	0832-052	1	Bearing, Thrust	21	0818-028	1	Spring, Cam Stopper
9	0828-037	1	Washer	22	0828-035	1	Washer
10	0818-005	1	Plate, Gear Shift Cam	23	8424-602	1	Nut
11	0826-006	1	Screw, Cap	24	0818-072	2	Fork, Shift
12	0828-036	2	Washer	25	0818-006	1	Shaft, Shift Fork
13	0831-010	2	Ring, Retaining				



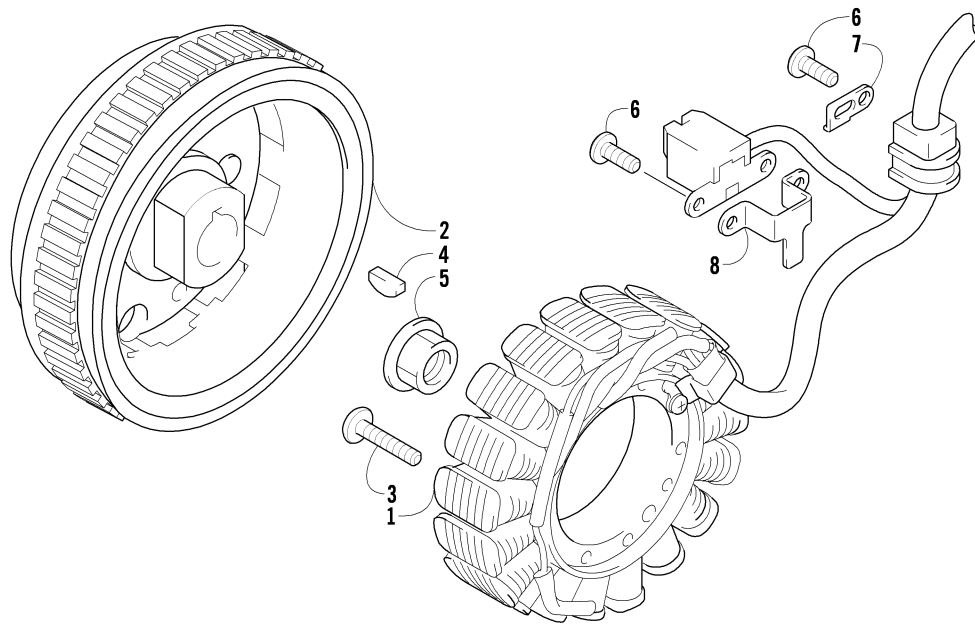
SECONDARY DRIVE ASSEMBLY

0739-956

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0819-063	1	Yoke, Propeller Shaft Joint	11	0828-030	AR	Shim, 24 x 48 x 0.25 mm
2	1402-164	1	Joint, Universal - Set (inc. 3)		0828-031	AR	Shim, 24 x 48 x 0.30 mm
3	0423-450	4	● Ring, Retaining		0828-032	AR	Shim, 24 x 48 x 0.35 mm
4	0827-013	2	Nut, Rear Output Joint		0828-033	AR	Shim, 24 x 48 x 0.90 mm
5	0828-020	2	Washer, Rear Output Flange		0828-018	AR	Shim, 24 x 48 x 0.95 mm
6	0819-061	1	Yoke, Drive Output - Front		0828-062	AR	Shim, 24 x 48 x 1.00 mm
7	0830-043	2	Seal, Oil - Driven Shaft		0828-063	AR	Shim, 24 x 48 x 1.05 mm
8	0832-017	2	Bearing, Driven Shaft		0828-064	AR	Shim, 24 x 48 x 1.10 mm
9	0828-021	AR	Shim, 25 x 34 x 0.25 mm		0828-065	AR	Shim, 24 x 48 x 1.15 mm
	0828-022	AR	Shim, 25 x 34 x 0.30 mm	12	0819-001	1	Gear, Secondary Drive
	0828-023	AR	Shim, 25 x 34 x 0.70 mm	13	0828-019	1	Washer
	0828-024	AR	Shim, 25 x 34 x 0.90 mm	14	0827-012	1	Nut
	0828-025	AR	Shim, 25 x 34 x 0.95 mm	15	0832-016	1	Bearing, Driven Gear
	0828-026	AR	Shim, 25 x 34 x 1.00 mm	16	0819-002	1	Gear, Secondary Driven
	0828-027	AR	Shim, 25 x 34 x 1.05 mm	17	0819-011	1	Ring, Driven Bearing
	0828-028	AR	Shim, 25 x 34 x 1.10 mm	18	0819-053	1	Shaft, Secondary Driven - Rear
	0828-029	AR	Shim, 25 x 34 x 1.15 mm	19	0819-005	1	Flange, Output Joint - Rear
10	0819-003	1	Shaft, Secondary Driven - Front				

0743-180

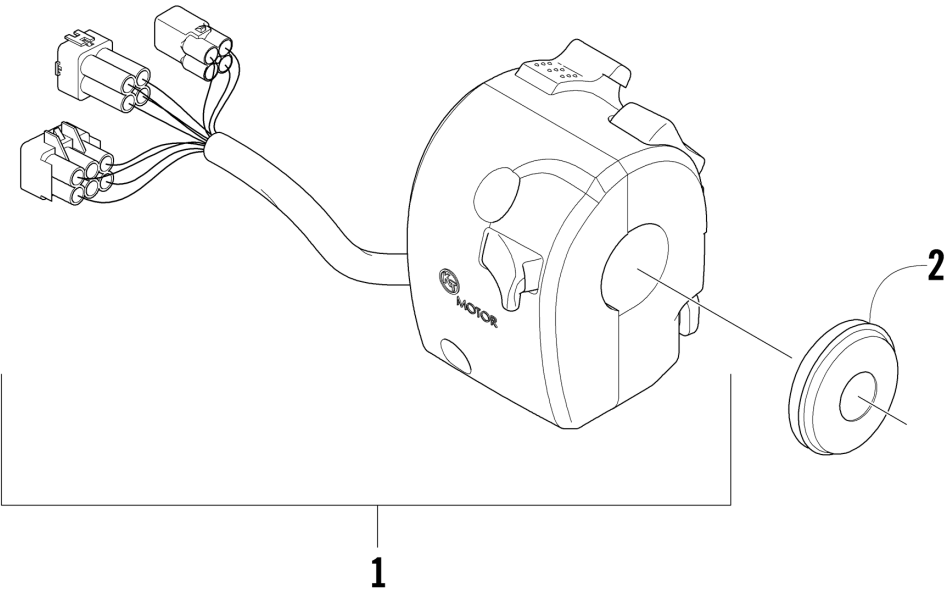
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MAGNETO ASSEMBLY

0742-692

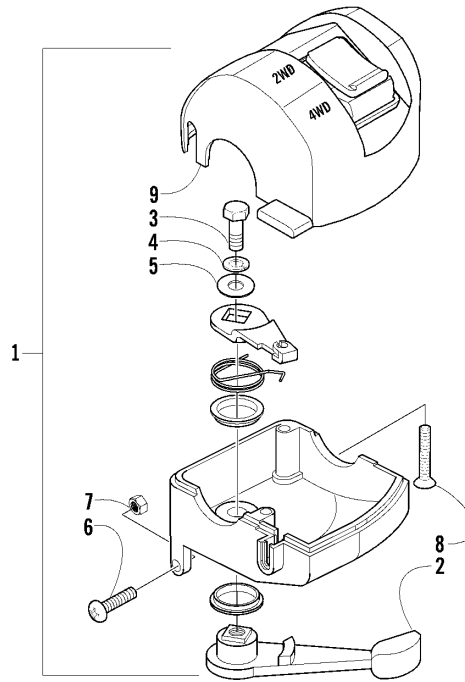
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0802-041	1	Stator - Assembly	5	0827-014	1	Nut
2	0802-048	1	Rotor/Flywheel	6	8470-510	3	Screw, Machine
3	0826-102	3	Screw, Machine	7	0802-015	1	Clamp - No. 1
4	0829-012	1	Key	8	0802-016	1	Clamp - No. 2



CONTROL SWITCH HOUSING ASSEMBLY

0743-239

Ref. Part No. Qty. Description				Ref. Part No. Qty. Description			
1	0409-081	1	Switch, Control - Assembly	2	3409-019	1	Cover, Switch Housing



THROTTLE CASE ASSEMBLY

0738-414

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0509-012	1	Case, Throttle - Assembly (inc. 2-9)	6	3423-014	1	● Screw, Machine
2	3409-001	1	● Lever	7	3423-327	1	● Nut
3	3004-533	1	● Screw, Cap	8	3423-199	2	● Screw, Machine
4	3004-447	1	● Washer, Lock	9	0409-048	1	● Cover, Throttle Case w/Switch
5	3003-030	1	● Washer				

