

ARCTIC CAT®

SHARE OUR PASSION.™

700 H1 EFI EFT (Revised)



Model Number A2009IBT4EETR (Red)
Model Number A2009IBT4EETG (Green)
Model Number A2009IBT4EETZ (Cat Green)
Model Number A2009IBT4EETQ (Black - LE)

2009

illustrated parts manual

TABLE OF CONTENTS

2009 700 H1 EFI EFT (Revised)

Red (Model No. A2009IBT4EETR)

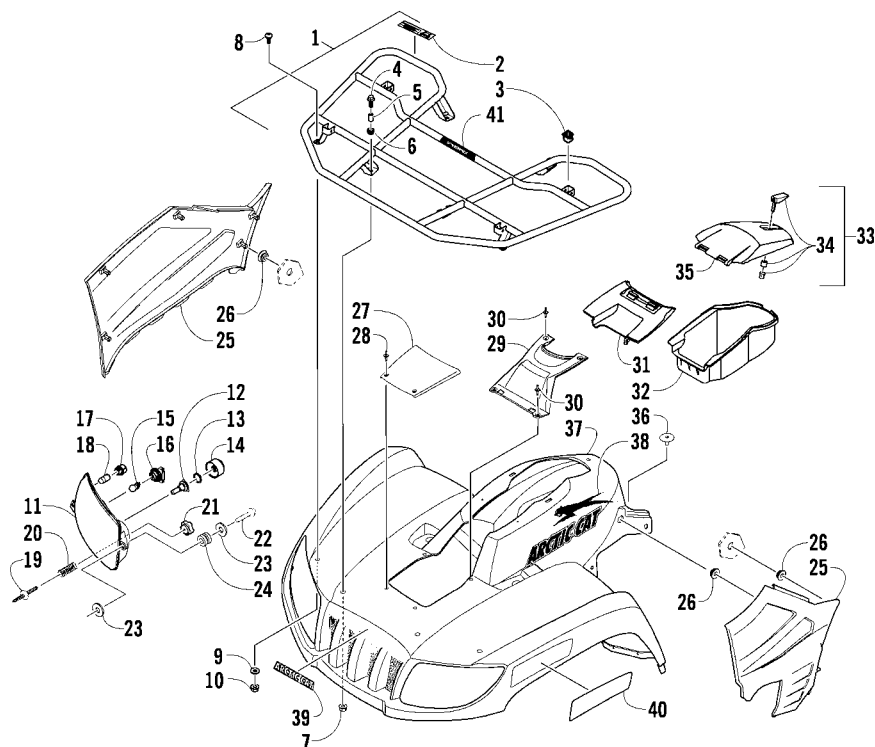
Green (Model No. A2009IBT4EETG)

Cat Green (Model No. A2009IBT4EETZ)

Black - LE (Model No. A2009IBT4EETQ)

FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES	1
FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES (LE)	2
REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES	3
FRAME AND RELATED PARTS	4
WINCH ASSEMBLY	5
LICENSE PLATE HOLDER ASSEMBLY	6
SEAT ASSEMBLY	7
STEERING ASSEMBLY	8
HANDLEBAR ASSEMBLY	9
HANDLEBAR ASSEMBLY (LE)	10
INSTRUMENT POD ASSEMBLY	11
INSTRUMENT POD ASSEMBLY (LE)	12
FRONT SUSPENSION ASSEMBLY	13
REAR SUSPENSION ASSEMBLY	14
WHEEL AND TIRE ASSEMBLY	15
AUXILIARY BRAKE ASSEMBLY	16
PARKING BRAKE ASSEMBLY	17
HYDRAULIC HAND BRAKE ASSEMBLY	18
HYDRAULIC BRAKE ASSEMBLY	19
GAS TANK ASSEMBLY	20
SHIFT LEVER ASSEMBLY	21
AIR INTAKE ASSEMBLY	22
BATTERY ASSEMBLY	23
ENGINE AND EXHAUST	24
COOLING ASSEMBLY	25
CASE/BELT COOLING ASSEMBLY	26
DRIVE TRAIN ASSEMBLY	27
DRIVE TRAIN ASSEMBLY (LE)	28
FRONT DRIVE GEARCASE ASSEMBLY	29
FRONT DRIVE GEARCASE ASSEMBLY (LE)	30
REAR DRIVE GEARCASE ASSEMBLY	31
WIRING HARNESS ASSEMBLY	32
WIRING HARNESS ASSEMBLY (LE)	33
THROTTLE BODY ASSEMBLY	34
CYLINDER ASSEMBLY	35
CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY	36
CAM CHAIN ASSEMBLY	37
CRANKCASE ASSEMBLY	38
CRANKSHAFT AND PISTON ASSEMBLY	39
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY	40
STARTER CLUTCH ASSEMBLY	41
CRANK BALANCER ASSEMBLY	42
OIL FILTER/PUMP ASSEMBLY	43
WATER PUMP ASSEMBLY	44
TRANSMISSION ASSEMBLY	45
SECONDARY TRANSMISSION ASSEMBLY (Engine Serial No. Up to 0700A60010049)	46
SECONDARY TRANSMISSION ASSEMBLY (Engine Serial No. 0700A60010050 and Up)	47
GEAR SHIFTING ASSEMBLY	48
SECONDARY DRIVE ASSEMBLY (Engine Serial No. Up to 0700A60010049)	49
SECONDARY DRIVE ASSEMBLY (Engine Serial No. 0700A60010050 and Up)	50
STARTER MOTOR ASSEMBLY	51
MAGNETO ASSEMBLY	52

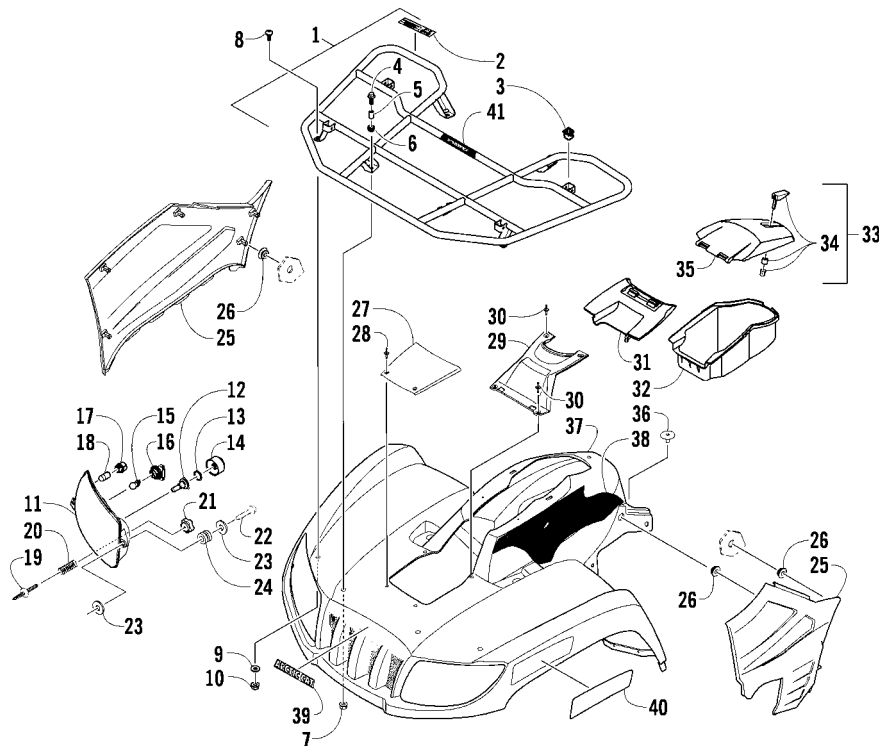
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2009 model year. For a complete list of related items, refer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



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES

0743-233

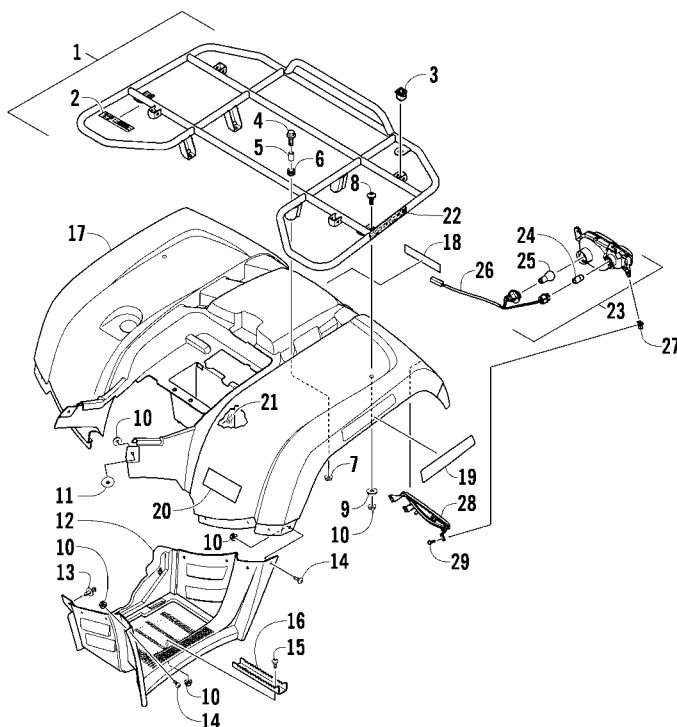
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-106	1	Rack, Front - Assembly (inc. 2-3)	24	0423-447	4	Grommet
2	0411-576	1	● Decal, Warning - Load	25	2406-300	1	Panel, Side - Lower - Right
3	0441-592	4	● Bushing		2406-419	1	Panel, Side - Lower - Left
4	8410-830	4	Screw, Cap	26	0423-678	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, Shoulder
14	0409-098	2	● Boot, Rubber	37	2406-520	1	Panel, Fender - Front - Red
15	0409-099	2	● Bulb, Turn Signal		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"



FRONT RACK, BODY PANEL, AND HEADLIGHT ASSEMBLIES (LE)

0744-132

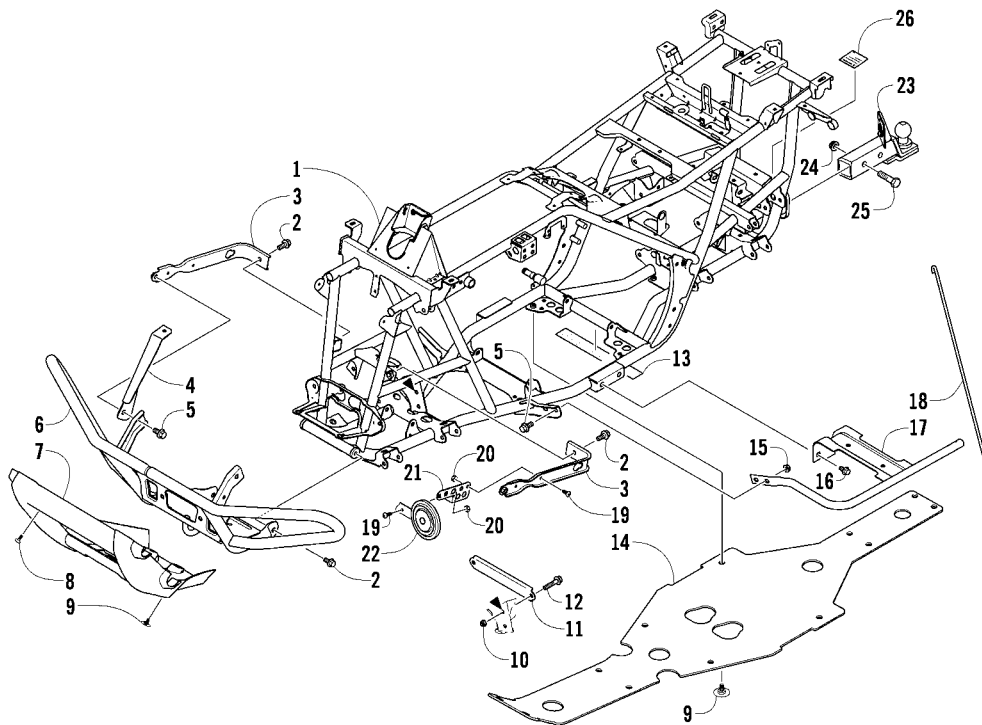
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-106	1	Rack, Front - Assembly (inc. 2-3)	23	8050-217	8	Washer
2	0411-576	1	● Decal, Warning - Load	24	0423-447	4	Grommet
3	0441-592	4	● Bushing	25	2406-300	1	Panel, Side - Lower - Right
4	8410-830	4	Screw, Cap		2406-419	1	Panel, Side - Lower - Left
5	0423-669	4	Spacer	26	0423-678	8	Grommet
6	0423-465	4	Grommet	27	1406-358	1	Cover, Access
7	8432-802	4	Nut, Lock	28	0423-535	2	Rivet, Reinstallable
8	0423-654	2	Screw, Shoulder	29	1406-484	1	Cover, Steering Post
9	8050-222	2	Washer	30	0623-362	4	Rivet, Reinstallable
10	0423-540	2	Nut, Lock	31	0470-513	1	Cover, Storage Box
11	0509-036	1	Headlight Assembly - Right (inc. 12-18)	32	1406-573	1	Box, Storage
	0509-037	1	Headlight Assembly - Left (inc. 12-18)	33	2506-234	1	Lid, Storage Box w/Latch (inc. 34-35)
12	0409-096	2	● Bulb, Headlight	34	1406-599	1	● Latch, Storage Box
13	0409-097	2	● Retainer, Spring	35	0470-514	1	● Lid, Storage Box
14	0409-098	2	● Boot, Rubber	36	0423-101	2	Screw, Shoulder
15	0409-099	2	● Bulb, Turn Signal	37	2516-209	1	Panel, Fender - Front - Black
16	0409-100	2	● Socket, Turn Signal Bulb	38	2411-040	1	Decal, Side - Upper Right
17	0409-102	2	● Socket, Position Bulb		2411-041	1	Decal, Side - Upper Left
18	0409-101	2	● Bulb, Position	39	1411-724	1	Decal, Front
19	0423-514	2	Stud, Adjuster - Headlight	40	0411-818	1	Decal, Reflector - Front - Right
20	0423-522	2	Spring, Adjuster		0411-819	1	Decal, Reflector - Front - Left
21	0423-513	2	Knob, Adjuster	41	1411-050	1	Decal, "Speedrack"
22	0623-785	4	Screw, Self-Tapping				



REAR RACK, BODY PANEL, AND FOOTWELL ASSEMBLIES

0743-231

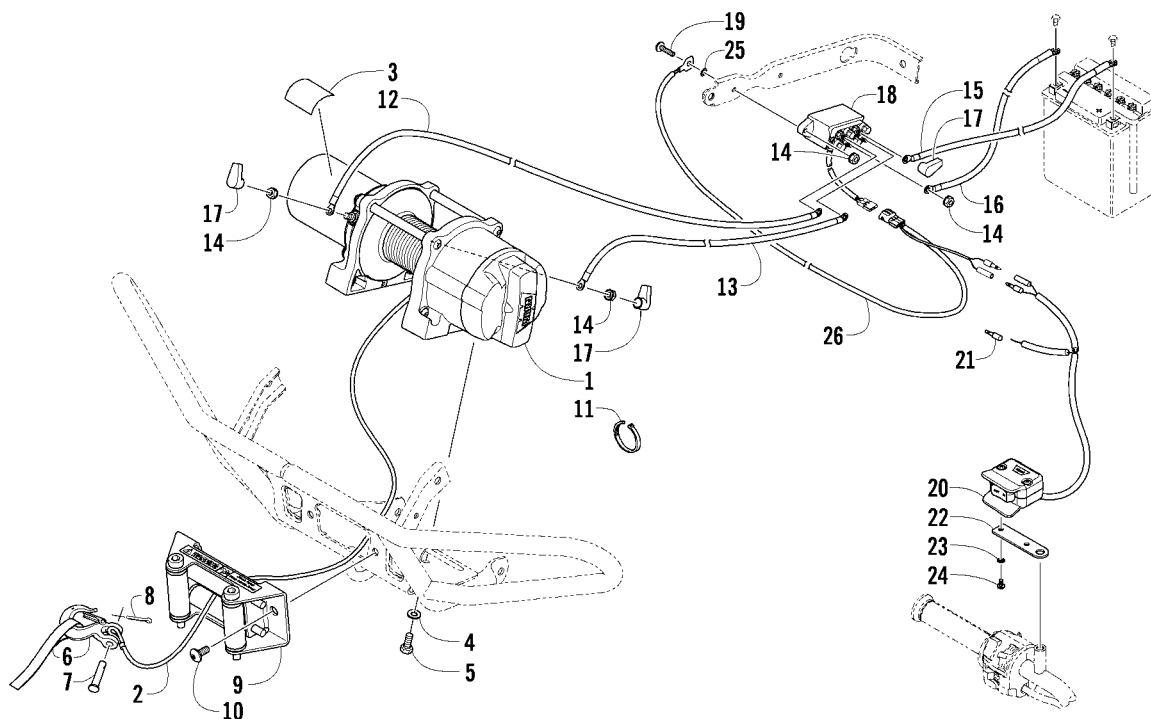
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-125	1	Rack, Rear - Assembly (inc. 2-3)	18	1411-725	1	Decal, Rear
2	0411-648	1	● Decal, Warning - Load		1411-724	1	Decal, Rear (LE)
3	0441-592	4	● Bushing	19	1411-592	1	Decal, Reflector - Rear - Right
4	8410-830	4	Screw, Cap		1411-593	1	Decal, Reflector - Rear - Left
5	0423-669	4	Spacer	20	<u>1411-806</u>	1	Decal, Warning - Tire Pressure
6	0423-465	4	Grommet	21	0470-658	1	Foil, Protective
7	8432-802	4	Nut, Lock	22	0411-965	2	Decal, "Speedrack"
8	0423-654	2	Screw, Shoulder	23	3313-392	1	Taillight Assembly - Right (inc. 24-26)
9	8050-222	2	Washer		3313-393	1	Taillight Assembly - Left (inc. 24-26)
10	0423-540	24	Nut, Lock	24	3313-506	2	● Bulb, Turn Signal - Rear
11	0423-101	2	Screw, Shoulder	25	3303-849	2	● Bulb, Taillight
12	1406-356	1	Footwell - Right	26	3313-509	1	● Socket, Taillight - Right
	2406-429	1	Footwell - Left		3313-507	1	● Socket, Taillight - Left
13	0623-362	2	Rivet, Reinstallable	27	3304-061	6	Clip, U-Nut
14	0423-419	16	Screw, Machine	28	0409-112	1	Bezel, Taillight - Right
15	0423-355	4	Screw, Shoulder		0409-113	1	Bezel, Taillight - Left
16	1506-125	2	Footpeg	29	8476-516	6	Screw, Machine
17	2506-862	1	Panel, Fender - Rear - Red				
	2506-875	1	Panel, Fender - Rear - Green (Green)				
	2506-863	1	Panel, Fender - Rear - Cat Green (Cat Green)				
	<u>2516-242</u>	1	Panel, Fender - Rear - Black (LE)				



FRAME AND RELATED PARTS

0744-135

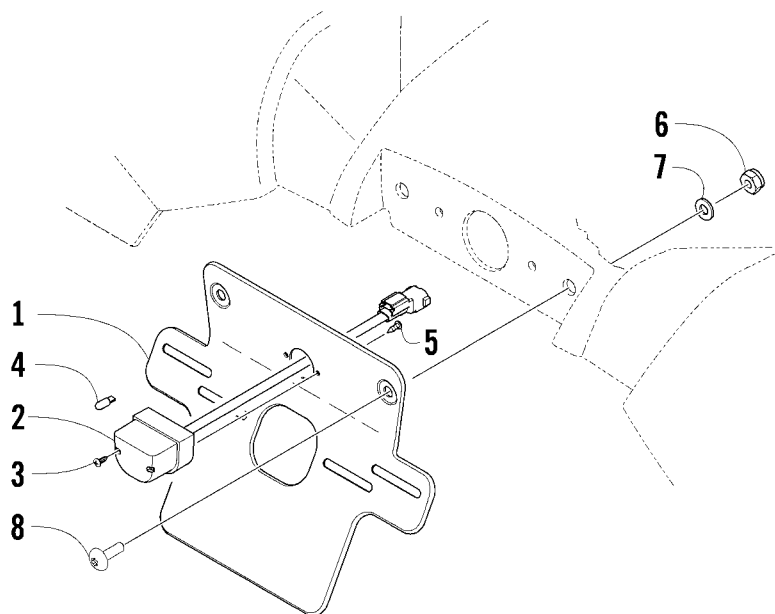
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-541	1	Frame, Main	14	1406-030	1	Panel, Belly
2	8409-020	4	Screw, Cap	15	8424-802	4	Nut
3	1506-596	2	Channel, Bumper Mounting	16	8409-016	4	Screw, Cap
4	1506-562	1	Bracket, Mounting - Bumper - Right	17	1506-380	1	Footrest - Right
	1506-563	1	Bracket, Mounting - Bumper - Left		1506-379	1	Footrest - Left
5	8408-816	6	Screw, Cap	18	2506-423	2	Rod, Support
6	1506-855	1	Bumper	19	8477-616	3	Screw, Machine
7	1406-360	1	Grille, Bumper	20	0623-038	3	Nut w/Washer
8	0423-419	2	Screw, Machine	21	2406-321	1	Bracket, Mounting - Horn
9	0423-101	12	Screw, Shoulder	22	0430-053	1	Horn, Electric - 12V
10	0423-744	2	Nut, Lock	23	0541-766	1	Mount, Ball Hitch (inc. 24-25)
11	1506-429	1	Brace, A-Arm	24	0423-690	1	● Nut, Lock
12	8409-025	2	Screw, Cap	25	0423-693	1	● Screw, Cap
13	0406-289	2	Pad, Frame	26	1411-077	1	Decal, Warning - Towing



WINCH ASSEMBLY

0744-137

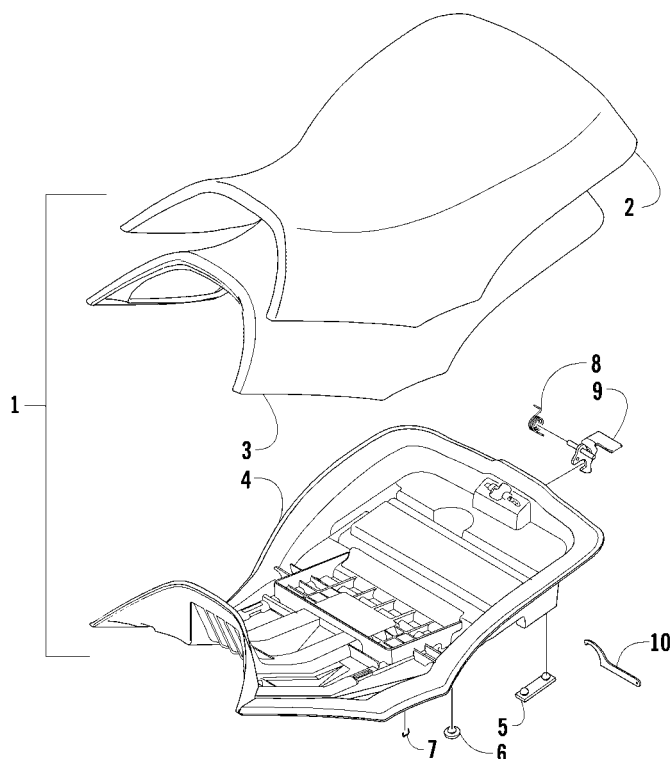
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1441-657	1	Winch (inc. 2-3)	14	0623-038	8	Nut w/Washer
2	0441-061	1	● Cable, Winch	15	1441-112	1	Cable, Solenoid/Battery - Black
3	1411-826	1	● Decal, Warning	16	1441-113	1	Cable, Solenoid/Battery - Red
4	8051-246	4	Washer, Lock	17	0441-060	3	Boot, Terminal
5	8408-820	4	Screw, Cap	18	0409-066	1	Solenoid
6	0541-760	1	Hook, Winch w/Strap	19	8476-625	2	Screw, Machine
7	1441-130	1	Pin	20	0505-552	1	Switch, Winch - Assembly (inc. 21-26)
8	1441-129	1	Cotter Pin	21	1441-428	1	● Connector, Harness
9	0441-403	1	Roller, Winch	22	0505-551	1	● Bracket, Winch Switch
10	8468-820	2	Screw, Machine	23	8052-093	2	● Washer, Internal Tooth Lock
11	0123-788	AR	Cable Tie - 8 in.	24	8009-243	2	● Screw, Machine
12	0445-068	1	Cable, Winch/Solenoid - Yellow	25	8053-212	1	● Washer, External Tooth Lock
13	0445-069	1	Cable, Winch/Solenoid - Blue	26	0486-276	1	● Harness, Adapter - Solenoid



LICENSE PLATE HOLDER ASSEMBLY

0743-236 *Not a Service Part

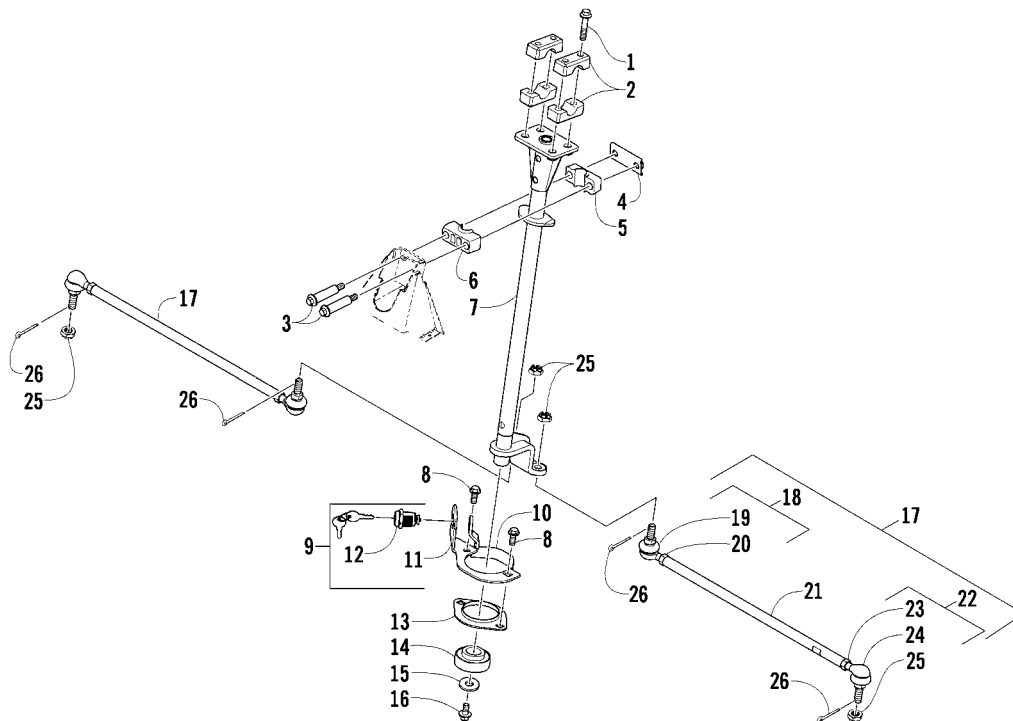
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2506-914	1	Mount, License Plate	5	0123-950	2	Screw, Self-Tapping
2	3304-772	1	Light, License Plate Assembly (inc. 3-4)	6	8432-802	2	Nut, Lock
3	*	2	● Screw, Self-Tapping	7	8050-247	2	Washer
4	3303-847	1	● Bulb	8	8468-820	2	Screw, Machine



SEAT ASSEMBLY

0743-243

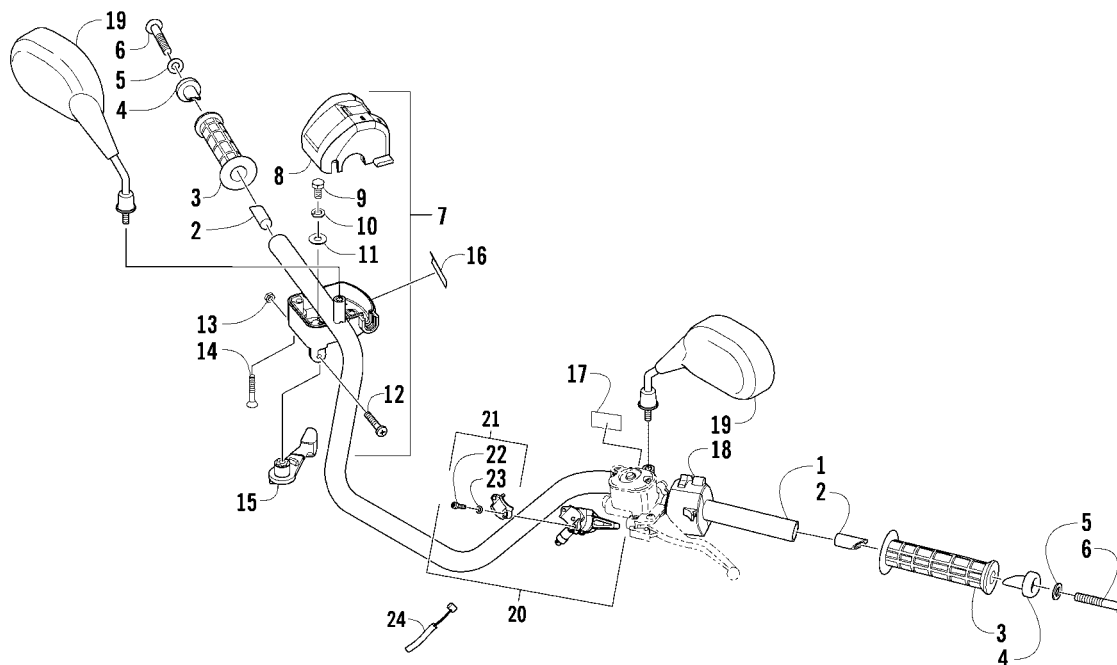
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1506-937	1	Seat Assembly (inc. 2-9)	5	0406-879	2	●● Bumper, Seat - Rear
	<u>2506-805</u>	1	Seat Assembly (inc. 2-9) (LE)	6	0406-877	4	●● Bumper, Seat - Front
2	1506-209	1	● Cover, Seat	7	0624-528	AR	● Staple
	2506-756	1	● Cover, Seat (LE)	8	1406-592	1	● Spring, Seat Latch
3	1506-208	1	● Foam, Seat	9	1506-156	1	● Latch, Seat
	2506-755	1	● Foam, Seat (LE)	10	0441-587	1	Wrench, Spanner
4	2406-144	1	● Base, Seat - Assembly (inc. 5-6)				



STEERING ASSEMBLY

0743-209 *Not a Service Part

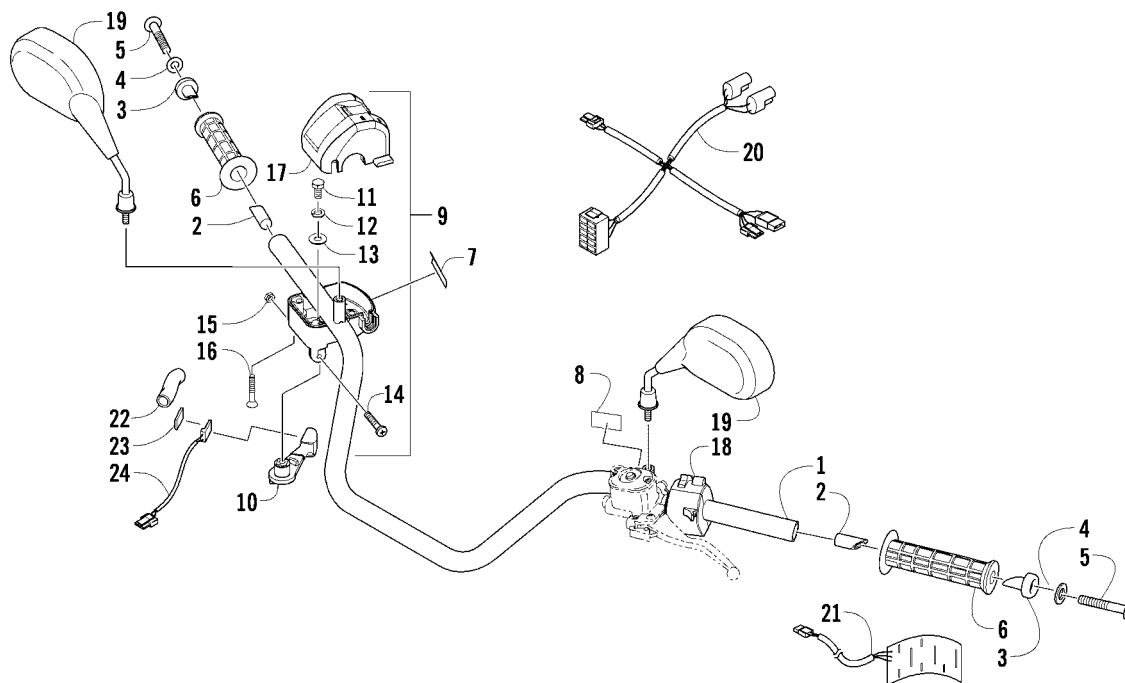
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	8408-860	4	Screw, Cap	15	0423-073	1	Washer
2	0405-035	4	Cap, Steering Adjuster	16	8409-020	1	Screw, Cap
3	0423-505	2	Screw, Shoulder	17	0505-499	2	Tie Rod - Assembly (inc. 18-24)
4	0505-484	1	Cap, Housing	18	0505-511	2	● End, Tie Rod - Left-Hand Thread - Kit (inc. 19-20)
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	8408-820	2	Screw, Cap	22	0505-510	2	● End, Tie Rod - Right-Hand Thread - Kit (inc. 23-24)
9	2406-355	1	Steering Lock Assembly (inc. 10-12)	23	8420-002	2	●● Nut - Right-Hand Thread
10	2506-173	1	● Latch	24	*	2	●● End, Tie Rod - Right-Hand Thread
11	2406-349	1	● Bracket, Mounting - Lock	25	0423-157	4	Nut, Lock
12	2406-354	1	● Lock	26	0623-175	4	Pin, Cotter
13	0602-233	1	Flange, Bearing				
14	0405-052	1	Bearing w/Inverted Oil Seal				



HANDLEBAR ASSEMBLY

0744-160

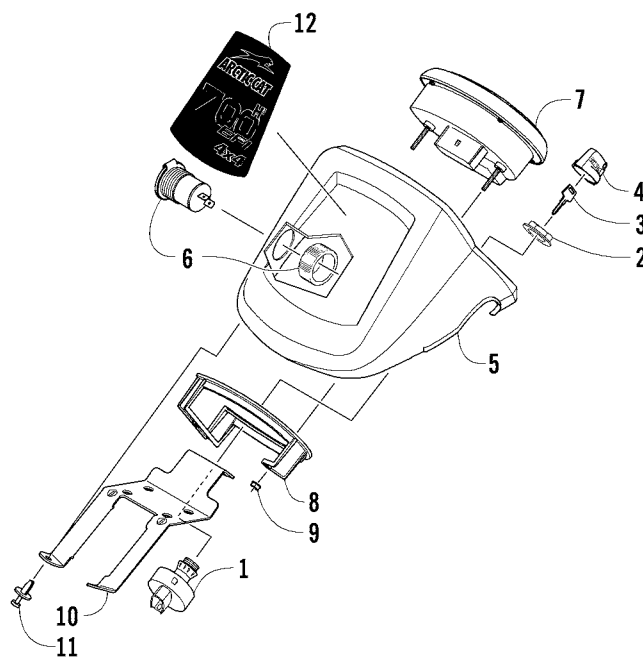
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-522	1	Handlebar	14	3423-199	2	● Screw, Machine
2	0405-218	2	Plug, Handlebar	15	3409-001	1	● Lever
3	0405-147	2	Grip, Handlebar	16	0411-966	1	Decal, Warning - Differential Lock
4	0405-149	2	End Cap, Handlebar	17	1411-865	1	Decal, Warning - Brake Lever Lock
5	8050-247	2	Washer	18	0409-081	1	Switch, Control
6	8477-845	2	Screw, Machine	19	2406-630	1	Mirror - Right
7	0509-045	1	Case, Throttle - Assembly (inc. 8-15)		2406-631	1	Mirror - Left
8	<u>0409-119</u>	1	● Cover, Throttle Case w/Switch	20	0502-527	1	Control, Differential Lock (inc. 21-23)
9	3007-392	1	● Screw, Cap	21	0502-613	1	● Clamp, Differential Lock Control - Kit (inc. 22-23)
10	3004-447	1	● Washer, Lock	22	1402-340	2	●● Screw, Cap
11	3003-030	1	● Washer	23	1402-339	2	●● Washer
12	3423-014	1	● Screw, Machine	24	0487-050	1	Cable, Differential Lock
13	3423-327	1	● Nut				



HANDLEBAR ASSEMBLY (LE)

0744-138

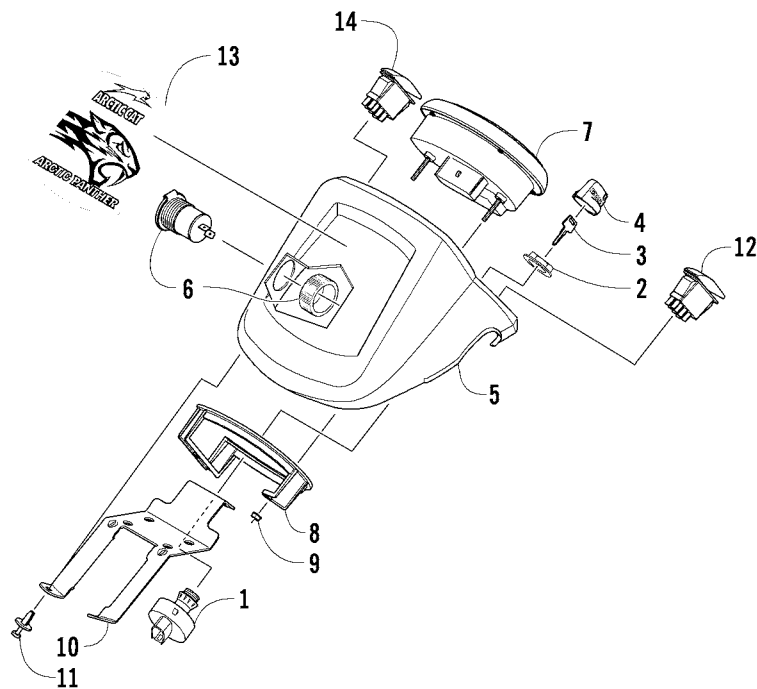
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0505-522	1	Handlebar	14	3423-014	1	● Screw, Machine
2	0405-218	2	Plug, Handlebar	15	3423-327	1	● Nut
3	0405-149	2	End Cap, Handlebar	16	3423-199	2	● Screw, Machine
4	8050-247	2	Washer	17	0409-119	1	● Cover, Throttle Case w/Switch
5	8477-845	2	Screw, Machine	18	0409-081	1	Switch, Control
6	0405-147	2	Grip, Handlebar	19	2406-630	1	Mirror - Right
7	0411-966	1	Decal, Warning - Differential Lock		2406-631	1	Mirror - Left
8	1411-865	1	Decal, Warning - Brake Lever Lock	20	0486-299	1	Harness, Handlebar
9	0509-045	1	Case, Throttle - Assembly (inc. 10-17)	21	0609-800	2	Element, Handwarmer
10	3409-001	1	● Lever	22	0441-498	1	Tube, Shrink
11	3007-392	1	● Screw, Cap	23	0617-248	1	Pad, Insulator
12	3004-447	1	● Washer, Lock	24	0409-117	1	Element, Thumbwarmer
13	3003-030	1	● Washer				



INSTRUMENT POD ASSEMBLY

0744-161

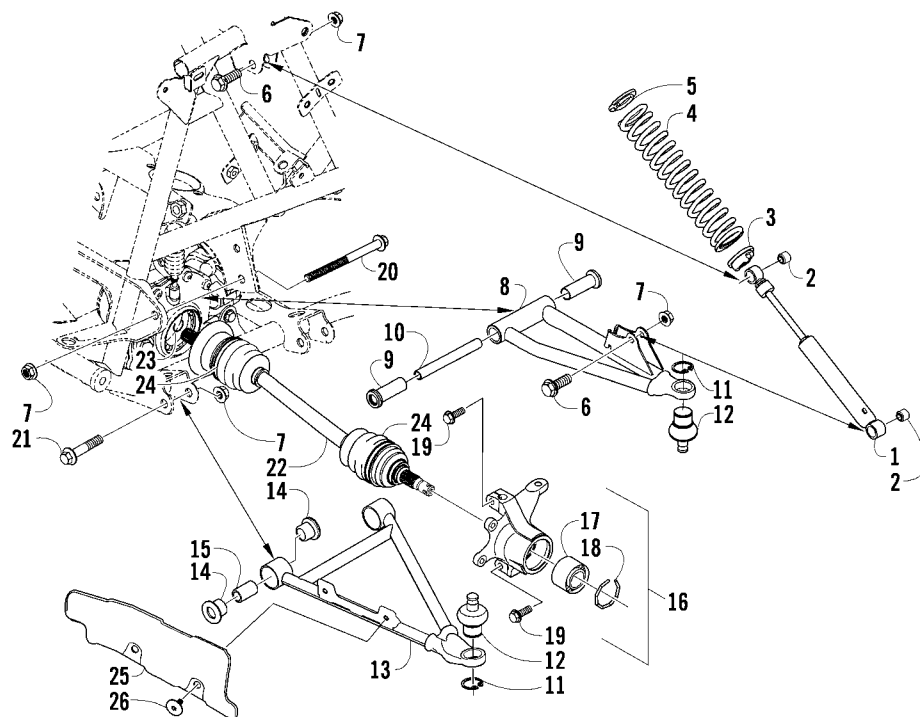
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0430-090	1	Switch, Ignition - Assembly (inc. 2-4)	6	0641-897	1	Outlet, Accessory - 12V
2	0430-050	1	● Nut, Retaining	7	0420-082	1	Gauge, LCD
3	0430-042	1	● Key, Ignition (Y Series - Left-Side Cut)	8	0420-065	1	Bracket, Retaining
	0430-043	1	● Key, Ignition (Z Series - Right-Side Cut)	9	0423-493	2	Nut w/Washer
4	0430-054	1	● Cover, Key	10	2506-470	1	Bracket, Mounting - Instrument Pod
5	0405-273	1	Instrument Pod	11	0423-535	2	Rivet, Reinstallable
	0405-274	1	Instrument Pod (Green)	12	1411-564	1	Decal, Instrument Pod
	0405-275	1	Instrument Pod (Cat Green)				



INSTRUMENT POD ASSEMBLY (LE)

0744-139

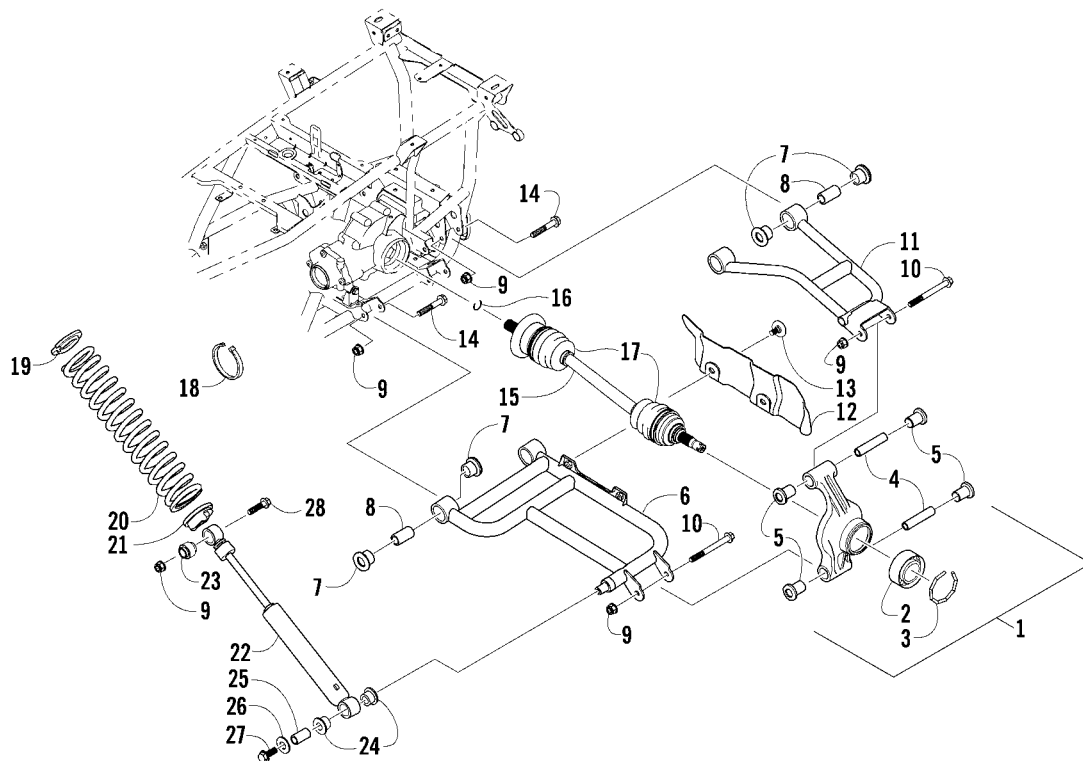
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0430-090</u>	1	Switch, Ignition - Assembly (inc. 2-4)	8	0420-065	1	Bracket, Retaining
2	0430-050	1	● Nut, Retaining	9	0423-493	2	Nut w/Washer
3	0430-042	1	● Key, Ignition (Y Series - Left-Side Cut)	10	2506-470	1	Bracket, Mounting - Instrument 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	<u>0505-585</u>	1	Instrument Pod	13	<u>2411-039</u>	1	Decal, Instrument Pod
6	0641-897	1	Outlet, Accessory - 12V	14	<u>0409-121</u>	1	Switch, Handwarmer
7	<u>0420-082</u>	1	Gauge, LCD				



FRONT SUSPENSION ASSEMBLY

0743-294

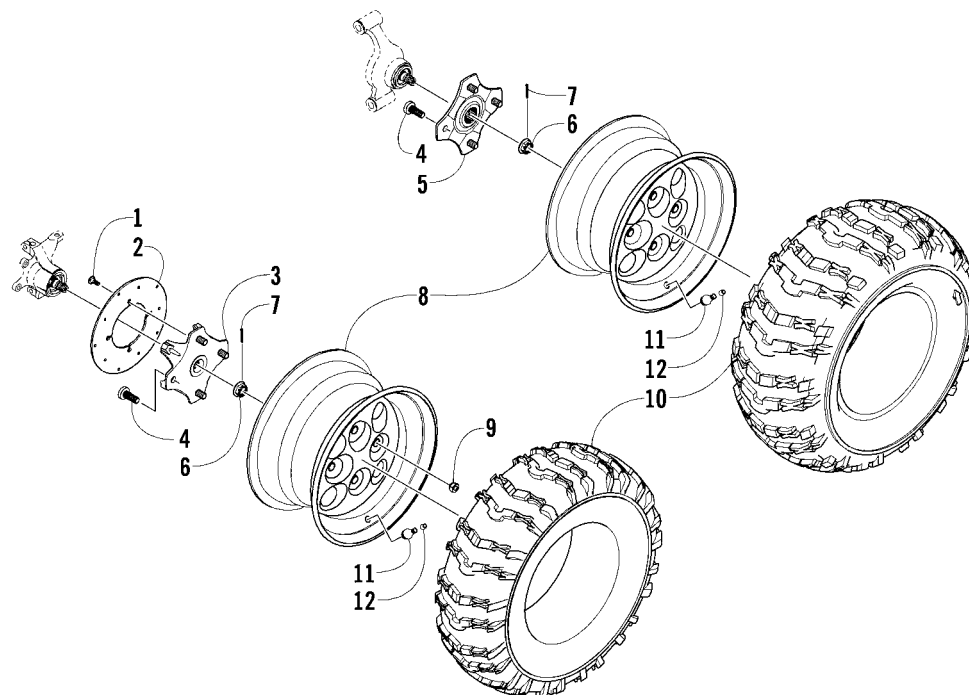
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0403-188	2	Shock Absorber (inc. 2)	17	1402-809	2	● Bearing
	<u>0403-209</u>	2	Shock Absorber (inc. 2) (LE)	18	0423-423	2	● Ring, Retaining
2	0403-182	4	● Bushing	19	8409-030	4	Screw, Cap
3	0403-102	2	Cam, Spring Adjuster	20	0423-334	2	Screw, Cap
4	0503-354	2	Spring, Suspension - Platinum	21	8409-075	4	Screw, Cap
5	1603-889	2	Retainer, Spring	22	<u>1502-344</u>	1	Axle, Drive - Right (inc. 23-24)
6	8409-040	4	Screw, Cap		<u>1502-345</u>	1	Axle, Drive - Left (inc. 23-24)
7	0423-744	10	Nut, Lock	23	<u>0423-844</u>	2	● Clip, Retaining
8	0503-272	1	A-Arm, Upper Right - Platinum (inc. 9-12)	24	0436-276	2	● Repair Kit, Boot
	0503-273	1	A-Arm, Upper Left - Platinum (inc. 9-12)	25	0441-752	1	Guard, Boot - Right - Red
9	0403-081	4	● Bushing		0441-753	1	Guard, Boot - Left - Red
10	0403-080	2	● Axle		1441-002	1	Guard, Boot - Right - Green (Green)
11	0423-009	4	● Ring, Retaining		1441-003	1	Guard, Boot - Left - Green (Green)
12	0405-115	4	● Ball Joint		0441-756	1	Guard, Boot - Right - Cat Green (Cat Green)
13	<u>0503-380</u>	1	A-Arm, Lower Right - Platinum (inc. 14-15 and two No. 11-12)		0441-757	1	Guard, Boot - Left - Cat Green (Cat Green)
	<u>0503-381</u>	1	A-Arm, Lower Left - Platinum (inc. 14-15 and two No. 11-12)		1406-034	1	Guard, Boot - Right - Black (LE)
14	0403-115	8	● Bushing		1406-035	1	Guard, Boot - Left - Black (LE)
15	0403-114	4	● Axle	26	0423-545	4	Screw, Shoulder
16	<u>0505-576</u>	1	Knuckle - Assembly - Right (inc. 17-18)				
	<u>0505-577</u>	1	Knuckle - Assembly - Left (inc. 17-18)				



REAR SUSPENSION ASSEMBLY

0743-295

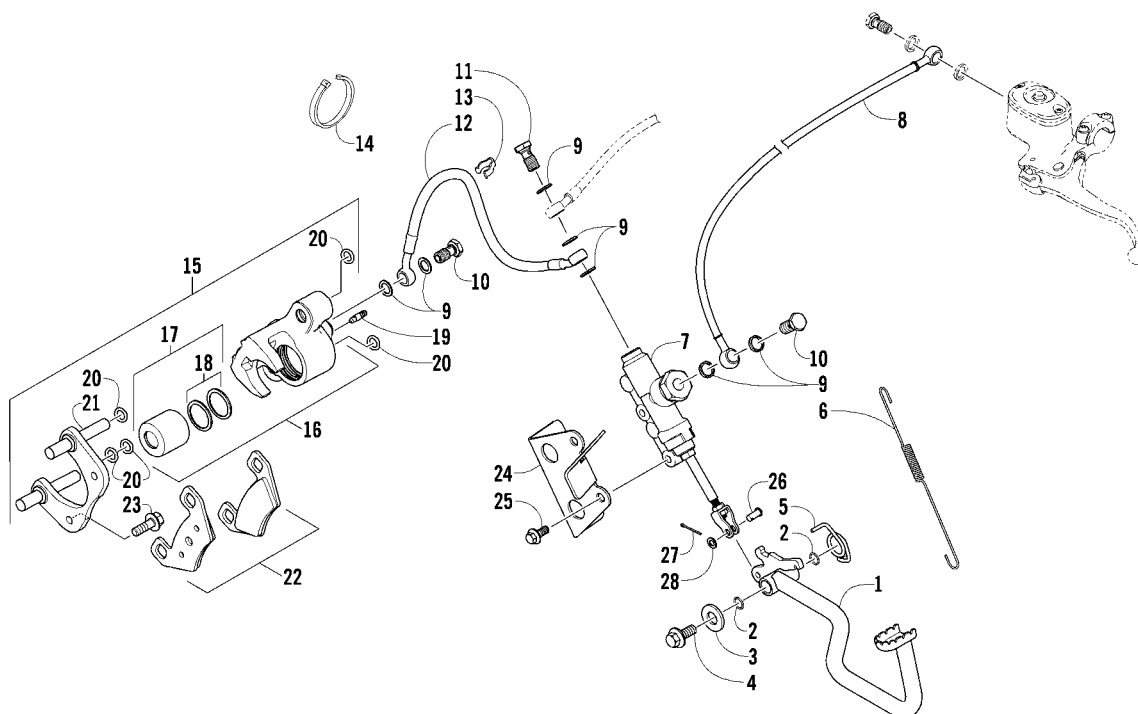
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0504-548</u>	1	Knuckle, Right Rear - Assembly (inc. 2-5)	13	0423-545	4	Screw, Shoulder
	<u>0504-549</u>	1	Knuckle, Left Rear - Assembly (inc. 2-5)	14	8409-075	8	Screw, Cap
2	<u>1402-809</u>	2	● Bearing	15	<u>1502-343</u>	2	Axle, Drive (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>0504-576</u>	1	A-Arm, Rear - Lower Right - Platinum (inc. 7-8)	19	1603-889	2	Retainer, Spring
	<u>0504-577</u>	1	A-Arm, Rear - Lower Left - Platinum (inc. 7-8)	20	0504-517	2	Spring, Suspension - Platinum
7	0403-115	16	● Bushing		<u>0504-538</u>	2	Spring, Suspension - Platinum (LE)
8	0403-114	8	● Axle	21	0404-057	2	Cam, Spring Adjuster
9	0423-744	14	Nut, Lock	22	0404-158	2	Shock Absorber (inc. 23-25)
10	8409-000	4	Screw, Cap	23	0403-182	2	● Bushing, Double-Bonded
11	<u>0504-586</u>	1	A-Arm, Rear - Upper Right - Platinum (inc. 7-8)	24	0603-955	4	● Bushing
	<u>0504-587</u>	1	A-Arm, Rear - Upper Left - Platinum (inc. 7-8)	25	1603-219	2	● Sleeve
12	0441-754	1	Guard, Boot - Rear - Right - Red	26	0423-087	2	Washer
	0441-755	1	Guard, Boot - Rear - Left - Red	27	8408-820	2	Screw, Cap
	1441-004	1	Guard, Boot - Rear - Right - Green (Green)	28	8409-040	1	Screw, Cap - Right
	1441-005	1	Guard, Boot - Rear - Left - Green (Green)		8409-050	1	Screw, Cap - Left
	0441-758	1	Guard, Boot - Rear - Right - Cat Green (Cat Green)				
	0441-759	1	Guard, Boot - Rear - Left - Cat Green (Cat Green)				
	1406-068	1	Guard, Boot - Rear - Right - Black (LE)				
	1406-069	1	Guard, Boot - Rear - Left - Black (LE)				



WHEEL AND TIRE ASSEMBLY

0743-260

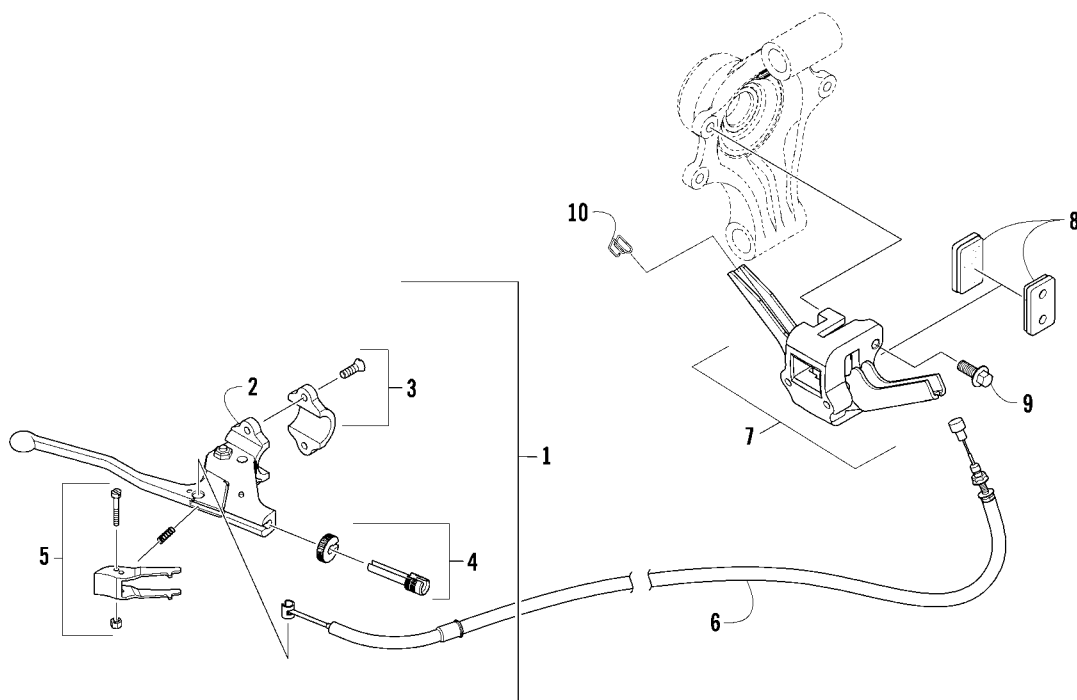
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-557	12	Screw, Shoulder	9	0423-408	16	Nut, Lug
2	1436-164	3	Disc, Brake		0423-618	16	Nut, Lug (LE)
3	<u>3323-100</u>	2	Hub, Wheel - Front (inc. 4)	10	<u>1402-858</u>	2	Tire - Front
4	0402-974	16	● Stud		<u>1402-859</u>	2	Tire - Rear
5	<u>3323-100</u>	1	Hub, Wheel - Rear - Right (inc. 4)	11	0402-064	4	Stem, Valve (inc. 12)
	<u>3323-113</u>	1	Hub, Wheel - Rear - Left (inc. 4)	12	0402-140	4	● Cap, Valve Stem
6	0423-607	4	Nut, Castle				
7	0423-407	4	Pin, Cotter				
8	1402-127	2	Wheel - Front - Platinum				
	1402-115	2	Wheel - Rear - Platinum				
	1402-424	2	Wheel - Front - Black (LE)				
	1402-425	2	Wheel - Rear - Black (LE)				



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	1402-593	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	Cable Tie - 8 in.				
15	1436-163	1	Caliper, Brake (inc. 16-23)				



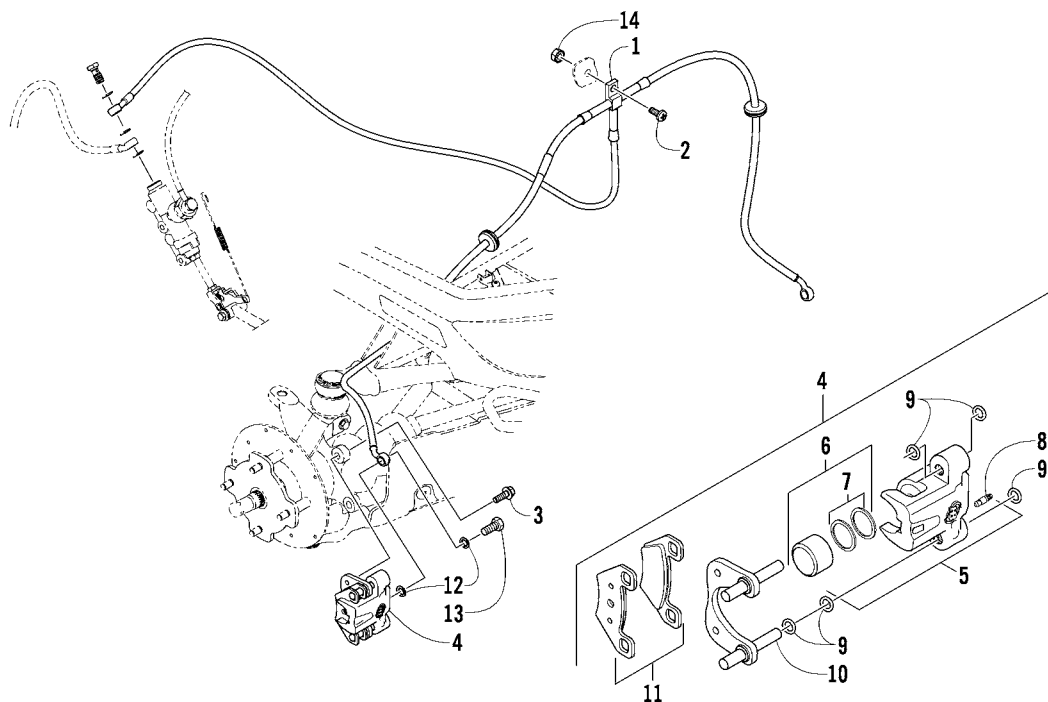
PARKING BRAKE ASSEMBLY

0743-214

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-265	1	Lever, Parking Brake - Assembly (inc. 2-6)	6	0487-054	1	● Cable, Brake - Rear
2	1502-429	1	● Lever, Parking Brake - Kit	7	1502-176	1	Mechanical Brake Assembly
3	1502-432	1	● Clamp, Handlebar - Kit	8	1402-602	2	Pad, Brake
4	1502-430	1	● Adjuster, Thumb Nut - Kit	9	8408-826	2	Screw, Cap
5	1502-431	1	● Lock, Parking Brake Lever - Kit	10	0402-379	1	Wire Form, Cable



Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-914	1	Brake Assembly (inc. 2-10)	7	0502-866	1	● Lever Assembly - Kit (inc. 8-9)
2	0502-566	1	● Screw, Machine - Kit	8	0502-867	1	●● Lock, Brake Lever - Kit
3	0502-868	1	● Cover, Reservoir	9	0502-580	1	●● Lever Pin - Kit
4	0502-568	1	● Screw, Machine - Kit	10	0502-564	1	● Switch, Brake
5	0502-869	1	● Clamp, Master Cylinder	11	0423-178	2	Washer, Crush
6	0502-704	1	● Master Cylinder Assembly	12	0423-413	1	Bolt, Banjo-Fitting

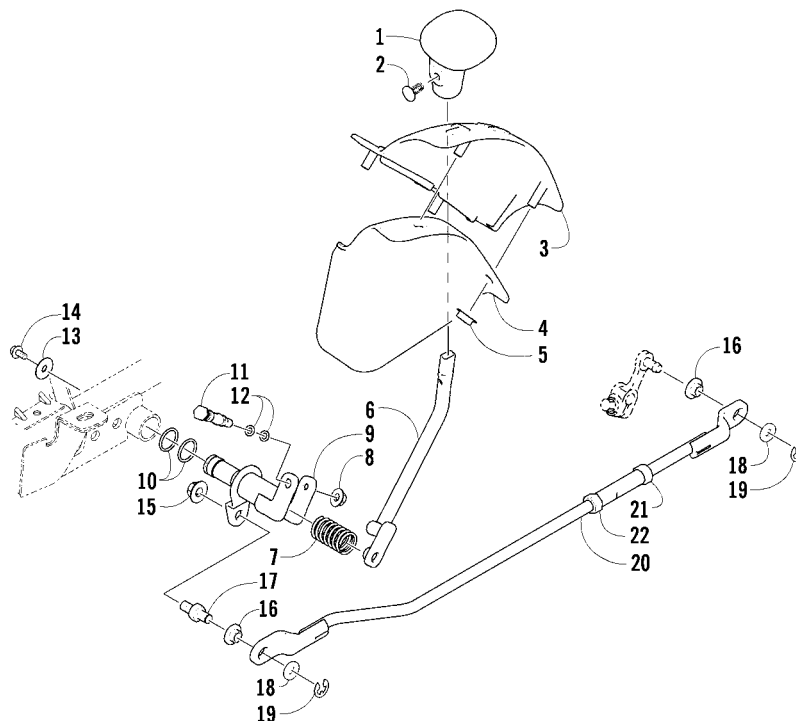


HYDRAULIC BRAKE ASSEMBLY

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, 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

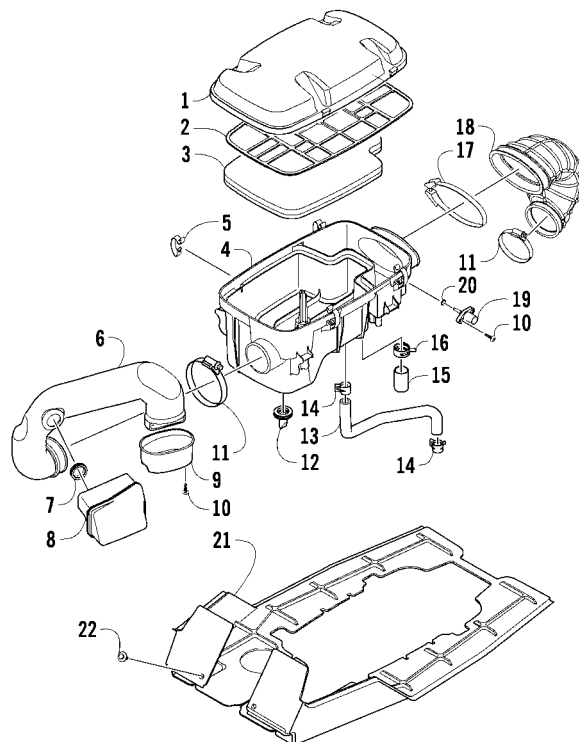
20



SHIFT LEVER ASSEMBLY

0742-508

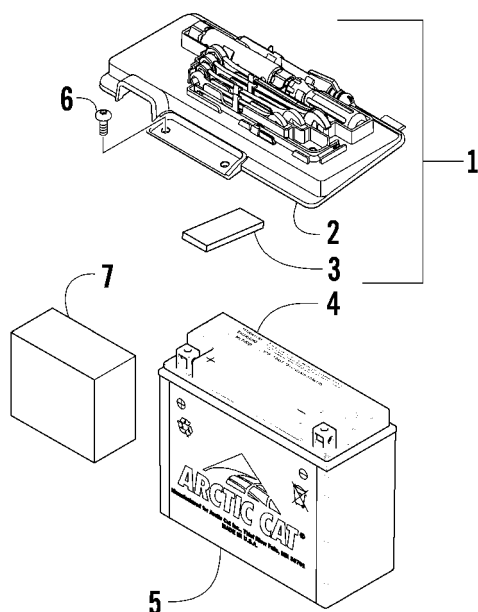
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0402-843	1	Knob, Shift	12	0423-182	2	O-Ring
2	0423-345	1	Clip, Retaining	13	0423-087	1	Washer
3	1402-576	1	Plate, Shift	14	8408-812	1	Screw, Cap
4	2406-345	1	Shield, Shift Plate	15	8424-802	1	Nut
5	0423-357	4	Nut, Stamped	16	0423-091	2	Bushing
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	1502-200	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

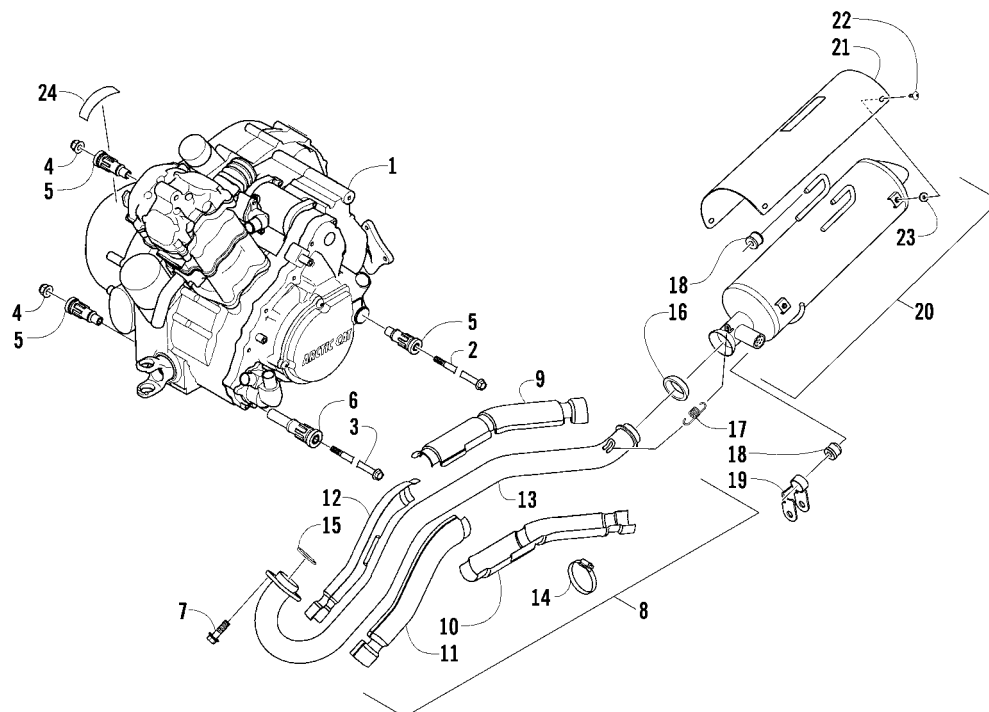
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0470-850	1	Cover, Intake	12	0470-442	1	Valve, Drain
2	0470-560	1	Screen, Air Filter	13	0410-172	1	Hose, Vent
3	0470-558	1	Filter, Air	14	1623-281	2	Clamp, Hose
4	0470-728	1	Housing, Intake	15	0423-766	1	Cap, Drain
5	0423-455	4	Clip, Spring	16	1623-287	1	Clamp
6	0470-749	1	Duct, Engine Intake	17	0423-554	1	Clamp, Boot
7	0423-763	1	Grommet	18	0470-511	1	Boot
8	0570-215	1	Resonator	19	0430-055	1	Sensor, Air Temperature (inc. 20)
9	0470-729	1	Boot	20	5507-224	1	● O-Ring
10	0423-342	4	Screw, Self-Tapping	21	2406-604	1	Panel, Shield
11	0423-019	2	Clamp, Boot	22	0623-362	2	Rivet, Reinstallable



BATTERY ASSEMBLY

0742-782 *Not Illustrated

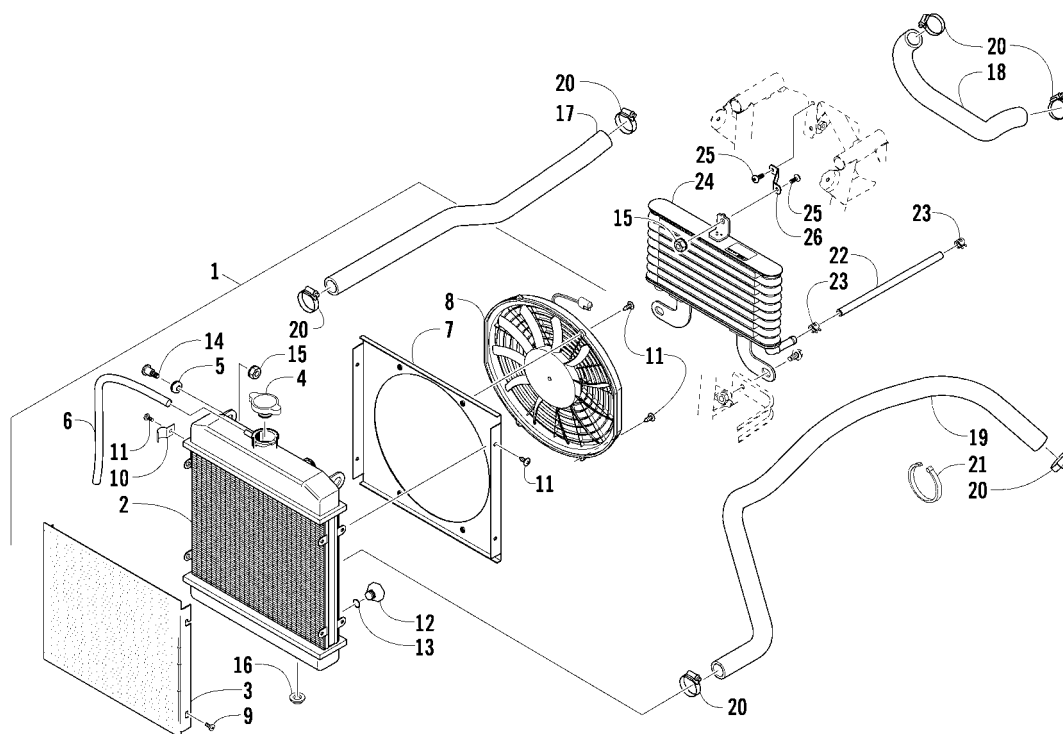
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>5991-655</u>	1	Battery Cover/Tool Tray Assembly (inc. 2-3)	4	0645-480	1	Battery Assembly (inc. 5)
2	2406-815	1	● Cover, Battery	5	0645-430	1	● Decal, Warning
3	<u>0417-016</u>	1	● Pad, Battery	6	8476-620	2	Screw, Machine
*	0444-122	1	● Kit, Tool	7	0417-012	1	Foam, Battery



ENGINE AND EXHAUST

0743-282

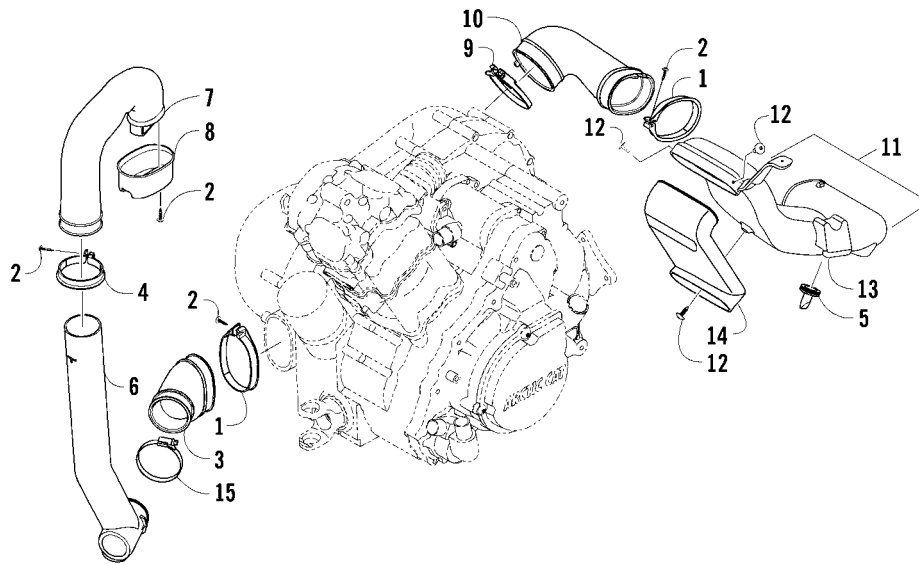
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0800-065	1	Engine, A700FH1	13	0512-344	1	● Pipe, Exhaust
2	0423-451	1	Screw, Cap	14	0423-317	4	● Clamp
3	0423-405	1	Screw, Cap	15	0412-338	1	Gasket, Exhaust
4	8428-002	2	Nut, Lock	16	0412-375	1	Seal, Exhaust
5	0801-129	3	Mount, Rubber - Engine	17	0612-668	2	Spring, Extension
6	0801-122	1	Mount, Rubber - Engine	18	0412-215	3	Bushing
7	8408-820	2	Screw, Cap	19	1506-732	1	Channel, Muffler Support
8	0512-345	1	Pipe, Exhaust - Assembly (inc. 9-14)	20	0512-430	1	Muffler - Assembly (inc. 21-23)
9	0412-350	1	● Shield, Exhaust Pipe - Outer - Rear	21	0412-489	1	● Cover, Muffler
10	0412-339	1	● Shield, Exhaust Pipe - Inner - Rear	22	8477-610	4	● Screw, Machine
11	0412-349	1	● Shield, Exhaust Pipe - Inner - Front	23	0412-490	4	● Washer
12	0412-348	1	● Shield, Exhaust Pipe - Outer - Front	24	0411-426	1	Decal, Warning - Clutch Cover



COOLING ASSEMBLY

0742-668

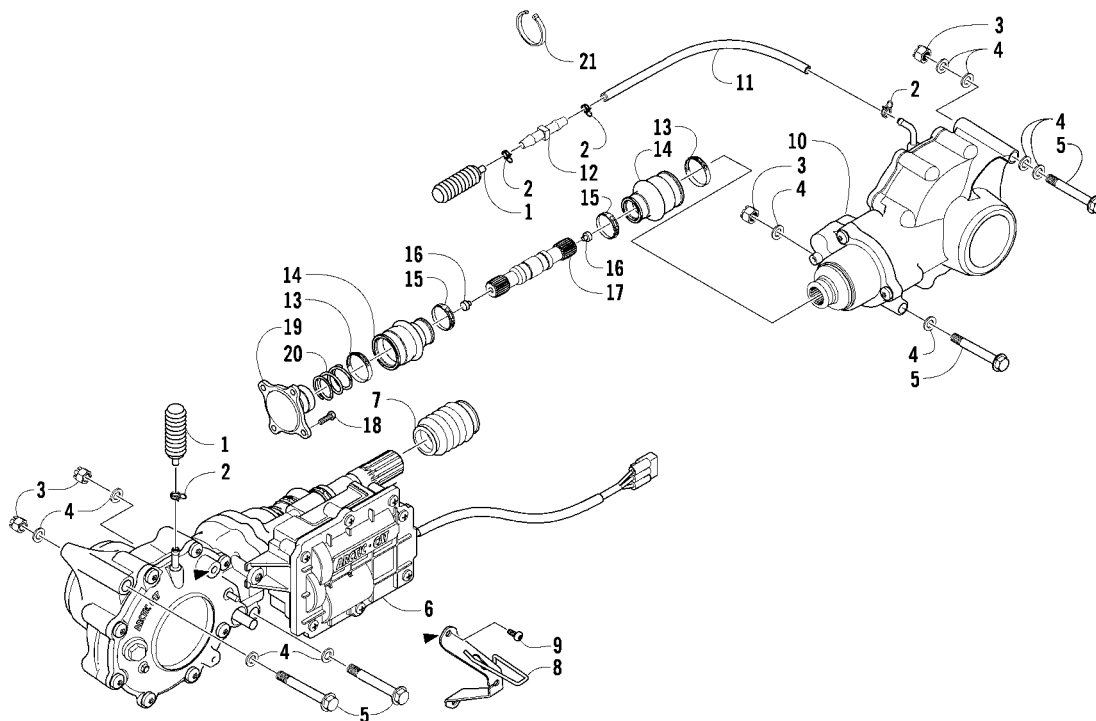
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0413-199	1	Radiator Assembly (inc. 2-13)	14	0423-484	2	Screw, Shoulder
2	0413-205	1	● Radiator	15	0623-038	4	Nut w/Washer
3	0413-007	1	● Screen	16	0423-028	2	Bushing, Stem
4	0413-002	1	● Cap	17	0410-002	1	Hose, Coolant - Upper
5	0423-030	2	● Grommet	18	0410-022	1	Hose, Coolant - Crossover
6	0610-016	AR	● Hose - 25 ft	19	0410-041	1	Hose, Coolant - Lower
	0610-015	AR	● Hose - 100 ft	20	0423-496	6	Clamp, Hose
7	0413-203	1	● Shroud, Fan	21	0123-903	AR	Tie, Cable - 11.5 in.
8	0413-123	1	● Fan, Cooling	22	0410-127	2	Hose, Oil Cooler
9	8475-512	4	● Screw, Machine	23	0423-632	4	Clamp, Hose
10	0423-351	1	● Clamp, Wire	24	0413-211	1	Cooler, Oil
11	0623-378	8	● Screw, Self-Tapping	25	8476-612	2	Screw, Machine
12	0413-195	1	● Plug, Drain	26	0513-022	1	Bracket, Mounting - Oil Cooler - Upper
13	1602-213	1	● O-Ring				



CASE/BELT COOLING ASSEMBLY

0743-712

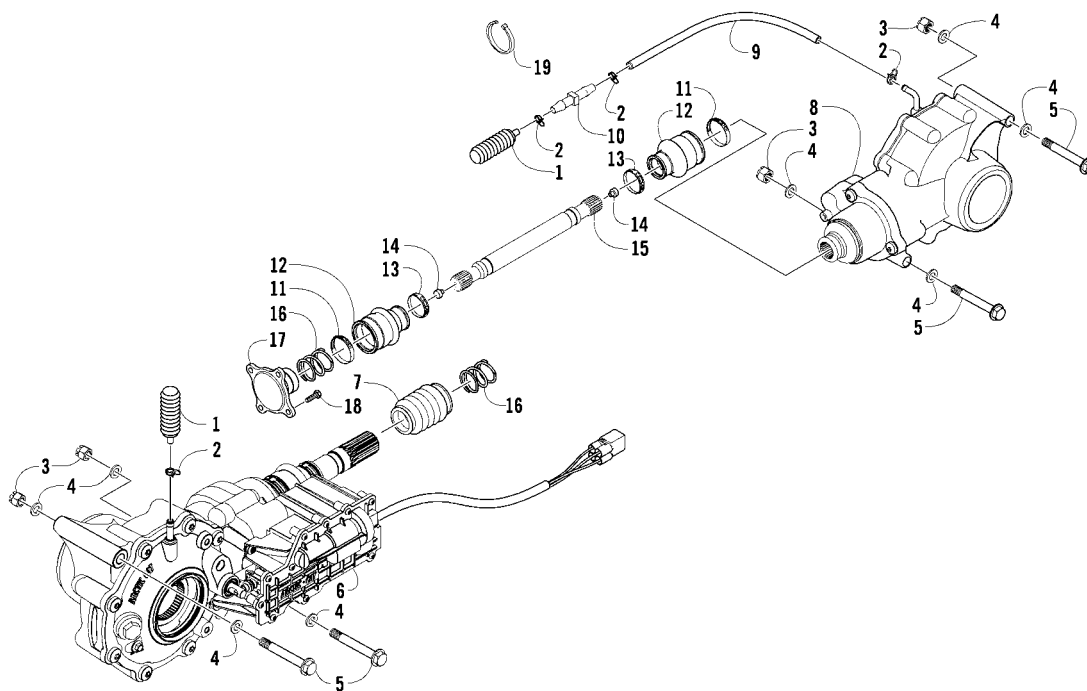
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0423-550	2	Clamp, Plastic	9	0423-730	1	Clamp, Boot
2	0423-342	5	Screw, Self-Tapping	10	0413-206	1	Boot, Duct - Air Out - Rear
3	0413-198	1	Boot, Duct - Air Intake - Front	11	0470-824	1	Duct, Air Out - Rear
4	0423-551	1	Clamp, Boot				(inc. three No. 12 and 13-14)
5	0470-442	AR	Valve, Drain	12	0623-784	4	● Screw, Self-Tapping
6	0513-027	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, Hose



DRIVE TRAIN ASSEMBLY

0742-520

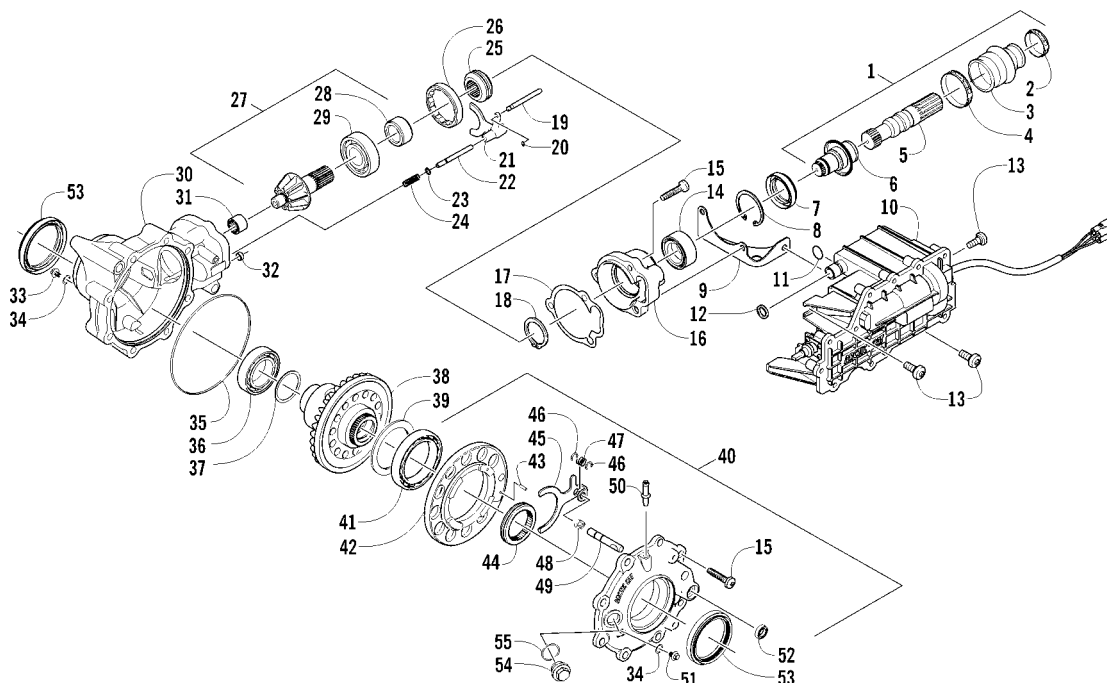
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1402-620	2	Bladder, Gearcase	12	0470-462	1	Fitting, Vent
2	0423-315	4	Clamp, Hose	13	0423-393	2	Clamp, Boot
3	8428-002	4	Nut, Lock	14	0402-985	2	Boot
4	0423-426	10	Washer	15	0423-411	2	Clamp, Boot
5	0423-404	4	Screw, Cap	16	0673-618	2	Bumper, Shaft
6	1502-306	1	Gearcase, Front	17	1402-233	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	2	Spring
10	1502-080	1	Gearcase, Rear	21	0123-788	AR	Tie, Cable - 8 in.
11	0410-048	AR	Hose, Vent				



DRIVE TRAIN ASSEMBLY (LE)

0743-966

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1402-620	2	Bladder, Gearcase	11	0423-393	2	Clamp, Boot
2	0423-315	4	Clamp, Hose	12	0402-985	2	Boot
3	8428-002	4	Nut, Lock	13	0423-411	2	Clamp, Boot
4	0423-426	8	Washer	14	0673-618	2	Bumper, Propeller Shaft
5	0423-404	4	Screw, Cap	15	1402-233	1	Shaft, Propeller
6	<u>1502-393</u>	1	Gearcase, Front	16	1402-026	2	Spring
7	0402-966	1	Boot, Shaft	17	0402-950	1	Flange, Output
8	<u>1502-401</u>	1	Gearcase, Rear	18	8408-820	4	Screw, Cap
9	0410-048	AR	Hose, Vent	19	0123-788	AR	Tie, Cable - 8 in.
10	0470-702	1	Fitting, Vent				

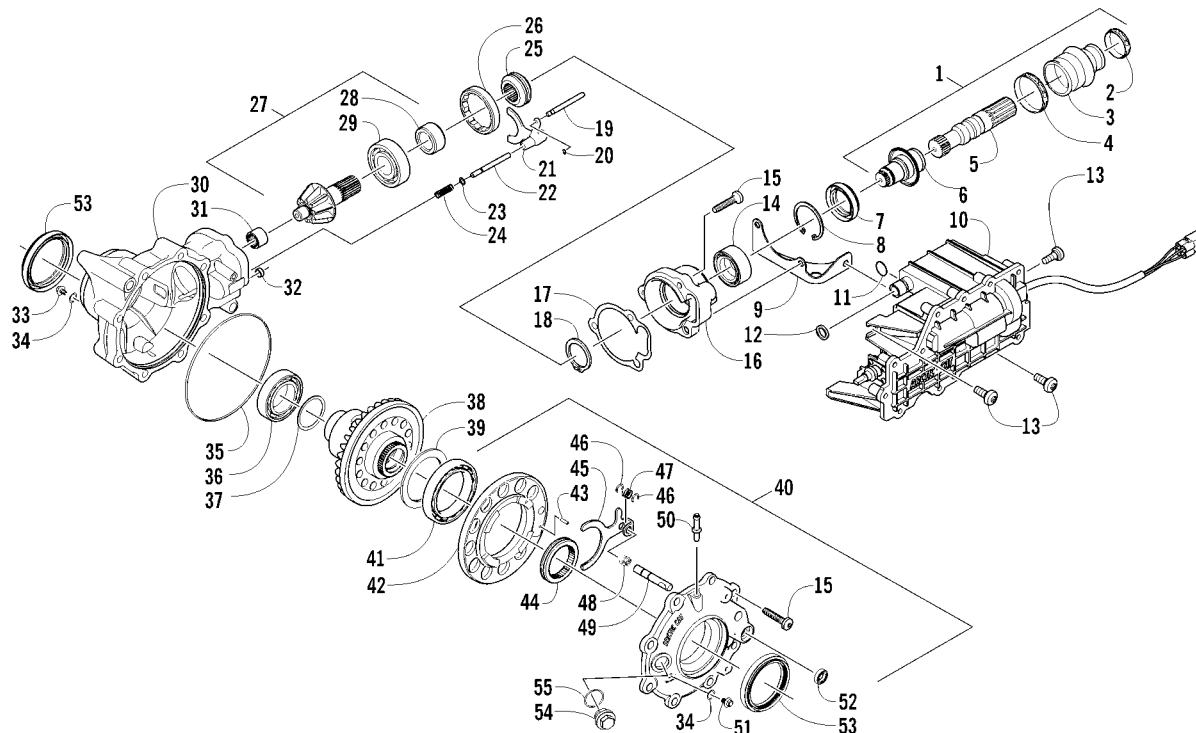


FRONT DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-393)

0745-623

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
-	1502-393	1	Complete Front Drive Gearcase Assembly	33	1402-210	1	Plug, Magnetic (inc. one No. 34)
1	1502-083	1	Shaft, Propeller - Assembly (inc. 2-6)	34	0423-153	2	● O-Ring
2	0423-411	1	● Clamp	35	0423-149	1	O-Ring
3	0402-985	1	● Boot, Propeller Shaft	36	0402-393	1	Bearing
4	0423-393	1	● Clamp	37	0402-405	AR	Shim, 41 x 49 x 1.3 mm
5	1402-045	1	● Shaft, Output		0402-406	AR	Shim, 41 x 49 x 1.4 mm
6	1502-085	1	● Shaft, Input		0402-407	AR	Shim, 41 x 49 x 1.5 mm
7	1402-011	1	Seal		0402-408	AR	Shim, 41 x 49 x 1.6 mm
8	0423-423	1	Ring, Retaining		0402-409	AR	Shim, 41 x 49 x 1.7 mm
9	1502-237	1	Bracket, Actuator	38	1502-555	1	Gear, Ring - 36T
10	0502-585	1	Actuator (inc. 11)	39	1402-074	AR	Shim, 61 x 69 x 1.3 mm
11	1402-981	1	● O-Ring		1402-075	AR	Shim, 61 x 69 x 1.4 mm
12	0423-892	1	O-Ring		1402-076	AR	Shim, 61 x 69 x 1.5 mm
13	0423-396	3	Screw, Self-Tapping		1402-077	AR	Shim, 61 x 69 x 1.6 mm
14	1402-043	1	Bearing		1402-078	AR	Shim, 61 x 69 x 1.7 mm
15	0423-118	11	Screw, Self-Tapping	40	1502-389	1	Cover, Gearcase (inc. one No. 34, 41-52, and one No. 53)
16	0502-528	1	Housing, Pinion	41	1402-053	1	● Bearing
17	0402-947	1	Gasket, Flange	42	0502-413	1	● Flange, Bearing
18	0423-417	1	Ring, Retaining	43	1402-079	1	● Pin, Parallel
19	0402-997	1	Shaft, Selector	44	1402-042	1	● Collar, Sliding
20	0423-402	1	Ring, Retaining	45	1402-054	1	● Fork
21	0402-998	1	Fork, Selector	46	1402-058	2	● Ring, Retaining
22	0402-417	1	Shaft, Shuttle	47	1402-057	1	● Spring
23	0423-147	1	O-Ring	48	1402-063	1	● Spring
24	0402-999	1	Spring, Return	49	1402-656	1	● Shaft, Lock
25	0402-413	1	Coupler, Drive	50	1402-104	1	● Fitting
26	0402-357	1	Collar, Lock	51	1402-211	1	● Plug, Oil Level (inc. one No. 34)
27	0502-783	1	Gear, Pinion - Assembly - 10T (inc. 28-29)	52	1402-056	1	● Seal
28	0402-336	1	● Collar, Retaining	53	1402-713	2	● Seal
29	0402-327	1	● Bearing	54	0402-333	1	Plug, Fill (inc. 55)
30	0502-514	1	Housing, Gearcase	55	0423-154	1	● O-Ring
31	0402-328	1	Bearing				
32	0402-411	1	Pin, Dowel				

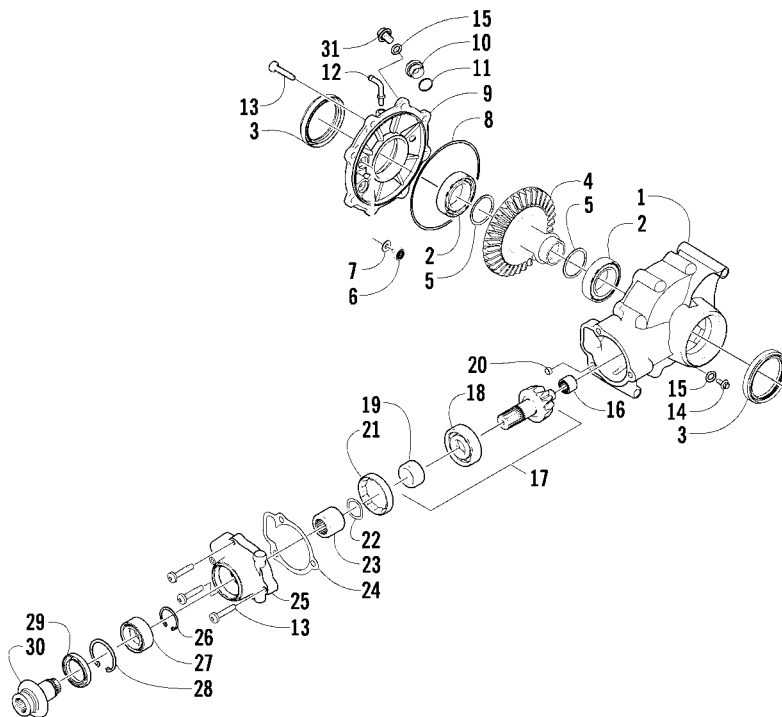


FRONT DRIVE GEARCASE ASSEMBLY (LE)

(Complete Assembly p/n 1502-393)

0746-623

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
-	1502-393	1	Complete Front Drive Gearcase Assembly	33	1402-210	1	Plug, Magnetic (inc. one No. 34)
1	1502-083	1	Shaft, Propeller - Assembly (inc. 2-6)	34	0423-153	2	● O-Ring
2	0423-411	1	● Clamp	35	0423-149	1	O-Ring
3	0402-985	1	● Boot, Propeller Shaft	36	0402-393	1	Bearing
4	0423-393	1	● Clamp	37	0402-405	AR	Shim, 41 x 49 x 1.3 mm
5	1402-045	1	● Shaft, Output		0402-406	AR	Shim, 41 x 49 x 1.4 mm
6	1502-085	1	● Shaft, Input		0402-407	AR	Shim, 41 x 49 x 1.5 mm
7	1402-011	1	Seal		0402-408	AR	Shim, 41 x 49 x 1.6 mm
8	0423-423	1	Ring, Retaining		0402-409	AR	Shim, 41 x 49 x 1.7 mm
9	1502-237	1	Bracket, Actuator	38	1502-555	1	Gear, Ring - 36T
10	0502-585	1	Actuator (inc. 11)	39	1402-074	AR	Shim, 61 x 69 x 1.3 mm
11	<u>1402-981</u>	1	● O-Ring		1402-075	AR	Shim, 61 x 69 x 1.4 mm
12	0423-892	1	O-Ring		1402-076	AR	Shim, 61 x 69 x 1.5 mm
13	0423-396	3	Screw, Self-Tapping		1402-077	AR	Shim, 61 x 69 x 1.6 mm
14	1402-043	1	Bearing		1402-078	AR	Shim, 61 x 69 x 1.7 mm
15	0423-118	11	Screw, Self-Tapping	40	1502-389	1	Cover, Gearcase (inc. one No. 34, 41-52, and one No. 53)
16	0502-528	1	Housing, Pinion	41	1402-053	1	● Bearing
17	0402-947	1	Gasket, Flange	42	0502-413	1	● Flange, Bearing
18	0423-417	1	Ring, Retaining	43	1402-079	1	● Pin, Parallel
19	0402-997	1	Shaft, Selector	44	1402-042	1	● Collar, Sliding
20	0423-402	1	Ring, Retaining	45	1402-054	1	● Fork
21	0402-998	1	Fork, Selector	46	1402-058	2	● Ring, Retaining
22	0402-417	1	Shaft, Shuttle	47	1402-057	1	● Spring
23	0423-147	1	O-Ring	48	1402-063	1	● Spring
24	0402-999	1	Spring, Return	49	1402-656	1	● Shaft, Lock
25	0402-413	1	Coupler, Drive	50	1402-104	1	● Fitting
26	0402-357	1	Collar, Lock	51	1402-211	1	● Plug, Oil Level (inc. one No. 34)
27	0502-783	1	Gear, Pinion - Assembly - 10T (inc. 28-29)	52	1402-056	1	● Seal
28	0402-336	1	● Collar, Retaining	53	1402-713	2	● Seal
29	0402-327	1	● Bearing	54	0402-333	1	Plug, Fill (inc. 55)
30	0502-514	1	Housing, Gearcase	55	0423-154	1	● O-Ring
31	0402-328	1	Bearing				
32	0402-411	1	Pin, Dowel				

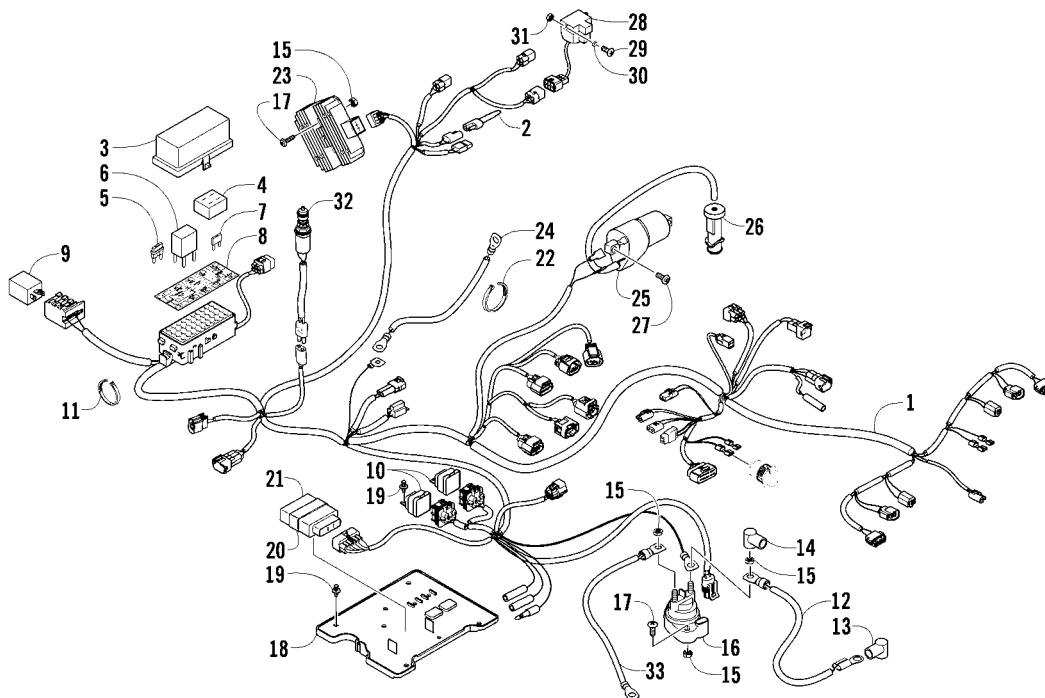


REAR DRIVE GEARCASE ASSEMBLY

(Complete Assembly p/n 1502-080; p/n 1502-401 LE)

0741-524

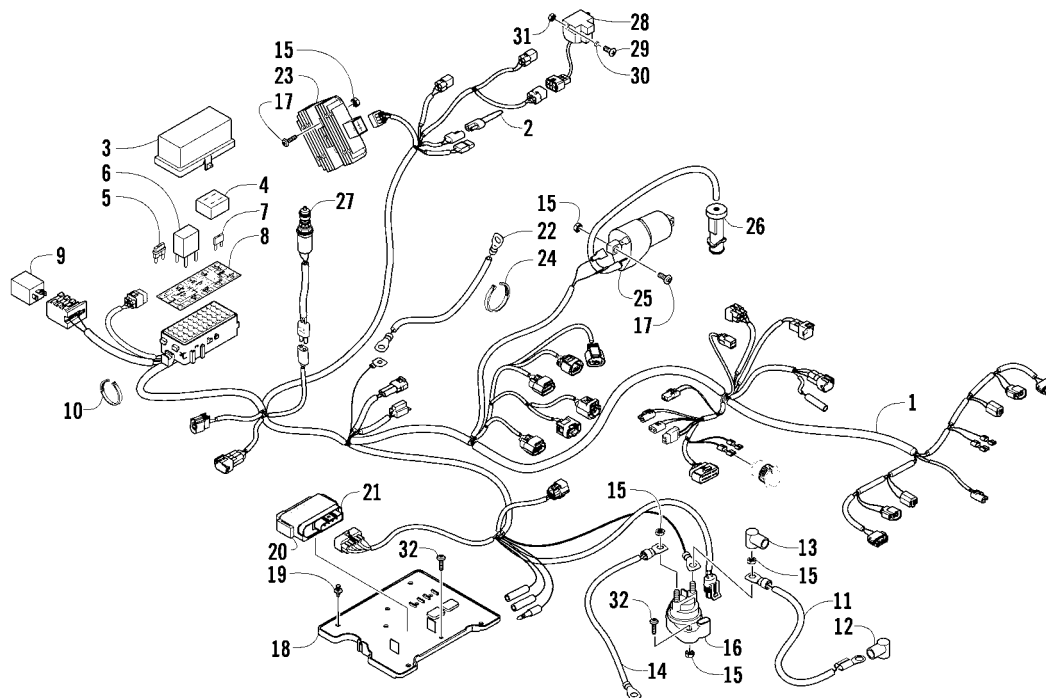
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0502-622	1	Housing, Gearcase	13	0423-118	11	Screw, Self-Tapping
	<u>1502-317</u>	1	Housing, Gearcase (LE)	14	0402-450	1	Plug, Fill (inc. one No. 15)
2	0402-393	2	Bearing		1402-210	1	Plug, Fill (inc. one No. 15) (LE)
3	<u>1402-713</u>	2	Seal	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, Magnetic (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

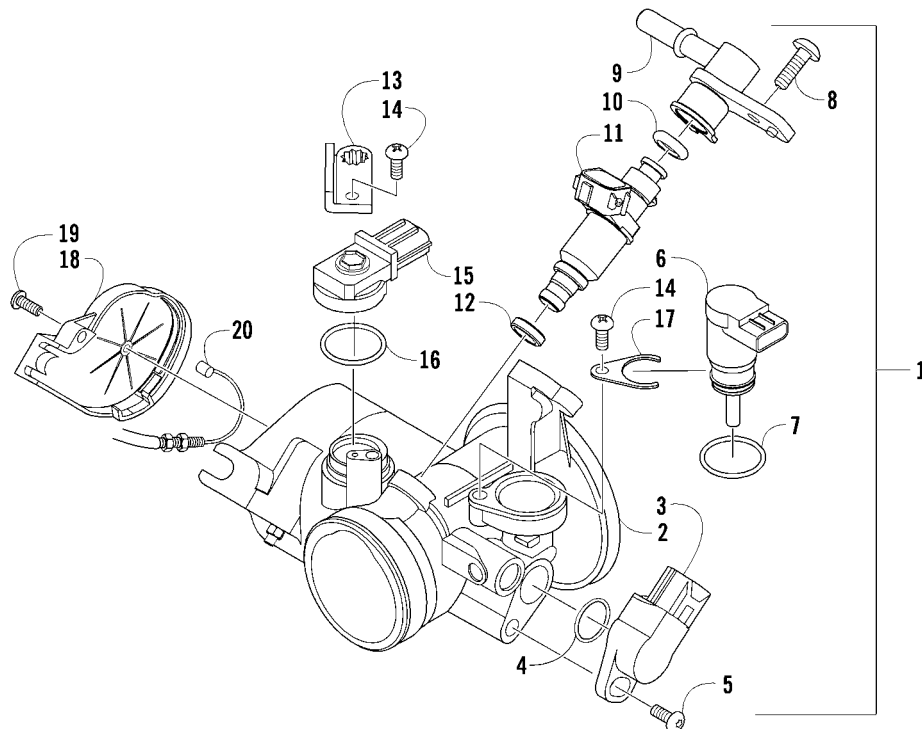
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-288	1	Harness, Main (inc. 2-10)	17	8476-625	4	Screw, Machine
2	0486-164	1	● Tether, Accessory Connector	18	2406-643	1	Tray, Electrical
3	0530-008	1	● Cover, Fuse Block	19	0623-362	5	Rivet, Reinstallable
4	0430-037	1	● Holder, Fuse	20	0430-076	1	Cushion, ECU
5	0430-034	2	● Diode	21	0530-030	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				



WIRING HARNESS ASSEMBLY (LE)

0744-140

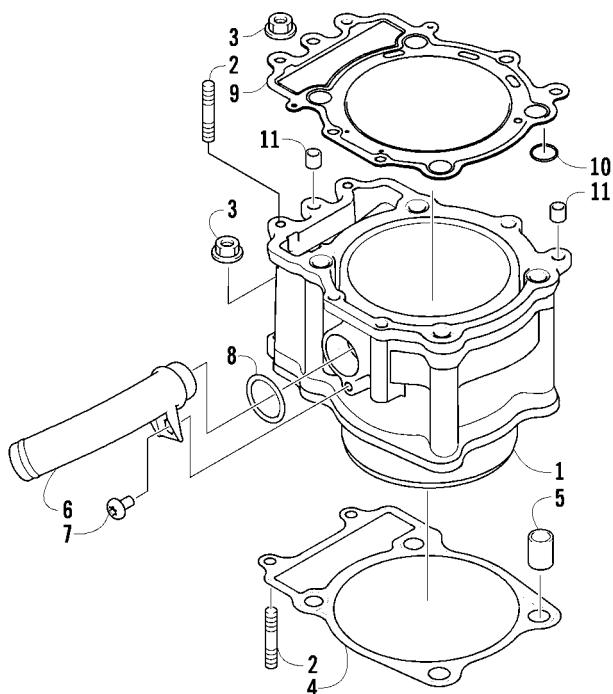
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0486-308	1	Harness, Main (inc. 2-9)	16	0445-058	1	Solenoid
2	0486-164	1	● Tether, Accessory Connector	17	8476-625	4	Screw, Machine
3	0530-008	1	● Cover, Fuse Block	18	2406-643	1	Tray, Electrical
4	0430-037	1	● Holder, Fuse	19	0623-362	3	Rivet, Reinstallable
5	0430-034	2	● Diode	20	0430-076	1	Cushion, ECU
6	0430-045	5	● Relay (4-Pin) - 20 Amp	21	0530-030	1	ECU
7	0430-032	5	● Fuse - 10 Amp	22	0445-070	1	Cable, Battery/Ground
	0430-031	3	● Fuse - 15 Amp	23	0824-037	1	Regulator, Voltage
	0430-030	2	● Fuse - 30 Amp	24	0123-903	AR	Tie, Cable - 11.5 in.
8	1411-526	1	● Decal, Fuse Block	25	0824-043	1	Coil, Ignition
9	0430-049	1	● Flasher (3-Pin)	26	0824-049	1	Cap, Spark Plug
10	0123-788	AR	Tie, Cable - 8 in.	27	0409-089	1	Switch, Brake - Assembly
11	0445-064	1	Cable, Solenoid/Starter (inc. 12)	28	0409-064	1	Switch, Tilt Sensor
12	0645-019	1	● Boot, Terminal	29	8468-425	2	Screw, Machine
13	0645-327	1	Boot, Terminal	30	0123-802	2	Washer
14	0445-062	1	Cable, Battery/Solenoid	31	0423-493	2	Nut w/Washer
15	0623-038	8	Nut w/Washer	32	8476-620	4	Screw, Machine



THROTTLE BODY ASSEMBLY

0742-670 *Not a Service Part

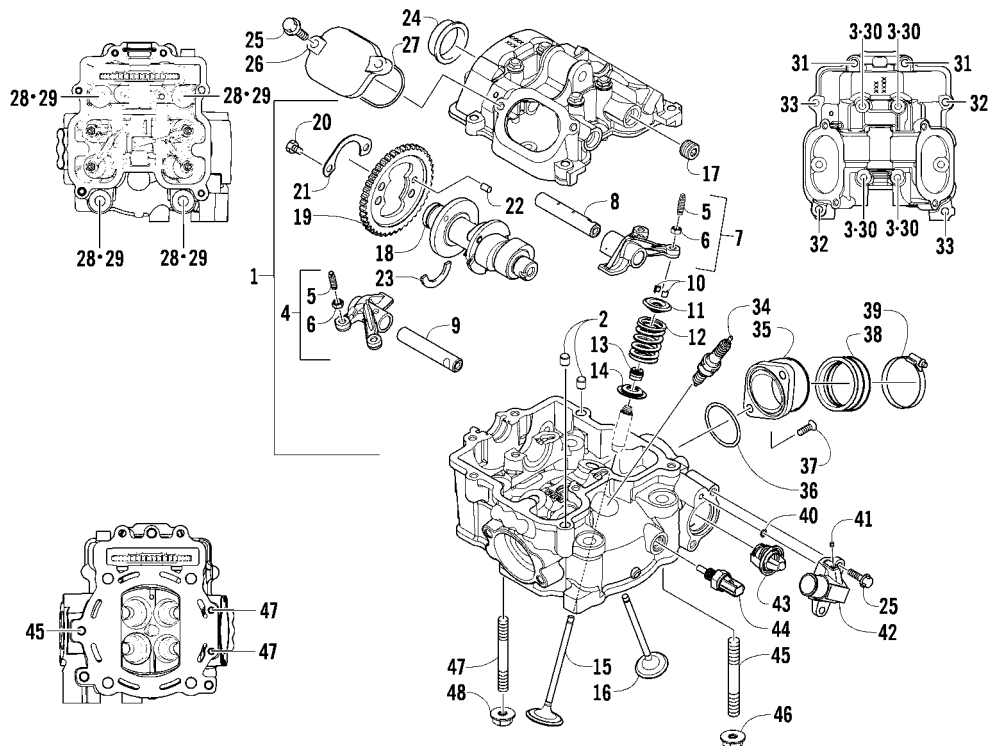
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0470-753	1	Throttle - Assembly (inc. 2-19)	11	0470-762	1	● Injector, Fuel
2	*	1	● Throttle Body	12	0470-768	1	● Seal
3	0430-072	1	● Sensor, Throttle Position	13	5507-227	1	● Bracket, MAP Sensor
4	5507-234	1	● O-Ring	14	5507-117	2	● Screw,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



CYLINDER ASSEMBLY

0743-952

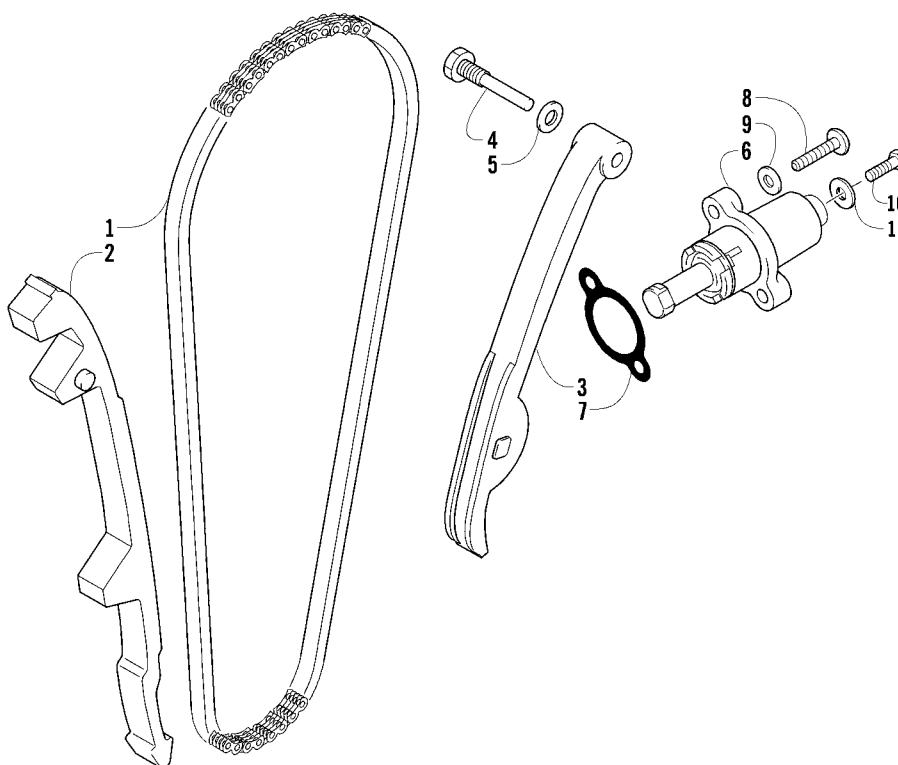
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0804-024	1	Cylinder	7	8468-612	1	Screw, Machine
2	0827-002	2	Bolt, Stud	8	0830-007	1	O-Ring
3	8424-604	4	Nut	9	0830-112	1	Gasket, Cylinder Head
4	0830-111	1	Gasket, Base	10	0827-054	2	Bolt, Stud
5	0829-002	2	Pin, Dowel	11	0830-113	4	O-Ring
6	0804-047	1	Union, Coolant Hose	12	0829-001	2	Pin, Dowel



CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY

0743-872

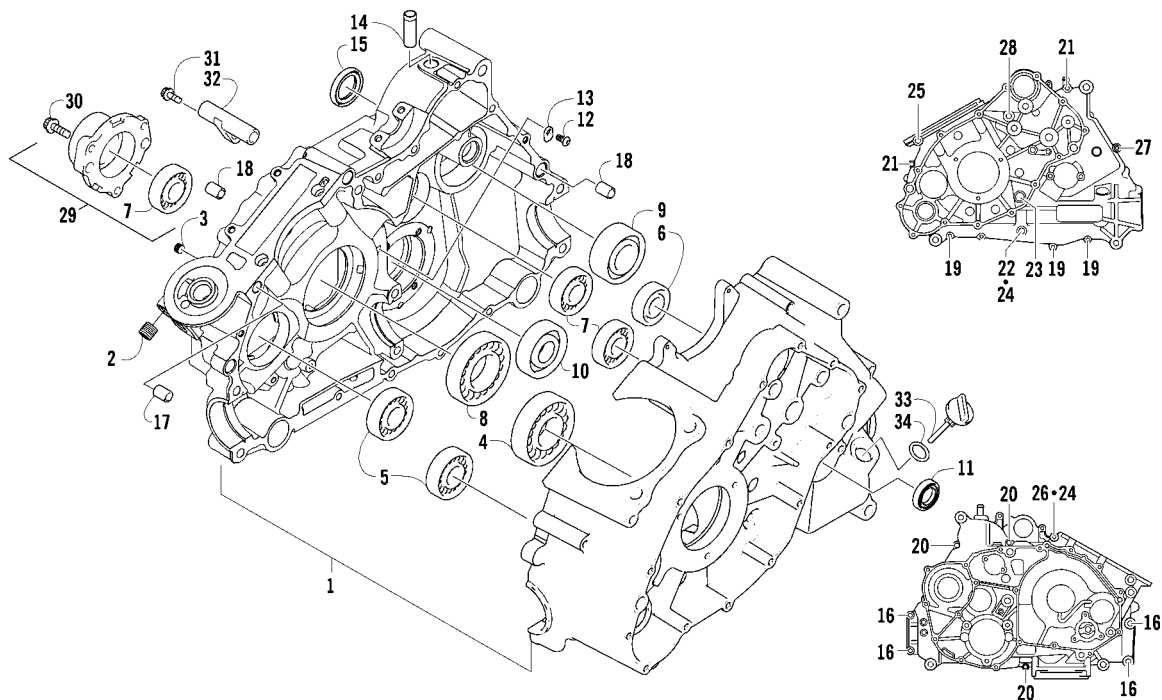
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0808-082	1	Head, Cylinder - Assembly (inc. 2-17)	24	0808-077	1	Plug, Cylinder Head
2	0829-001	2	● Pin, Dowel	25	0826-007	6	Screw, Cap
3	0826-001	4	● Screw, Cap	26	0808-003	2	Cap, Inspection
4	0809-205	1	● Arm, Valve Rocker - Exhaust (inc. two No. 5-6)	27	0830-167	2	O-Ring
5	0809-033	4	●● Screw, Adjuster	28	0808-037	4	Screw, Cap
6	0827-007	4	●● Nut	29	0830-147	4	Washer
7	0809-202	1	● Arm, Valve Rocker - Intake (inc. two No. 5-6)	30	0830-107	4	Gasket
8	0809-007	1	● Shaft, Rocker Arm - Intake	31	0826-002	2	Screw, Cap
9	0809-008	1	● Shaft, Rocker Arm - Exhaust	32	0826-005	2	Screw, Cap
10	0809-014	8	● Cotter, Valve	33	0826-006	2	Screw, Cap
11	0809-013	4	● Retainer, Spring	34	0217-799	1	Spark Plug (CPR8E)
12	0809-138	4	● Spring, Valve	35	0470-668	1	Flange, Intake Manifold
13	0830-016	4	● Seal, Oil	36	0830-090	1	O-Ring
14	0809-006	4	● Seat, Spring - Valve	37	0826-008	2	Screw, Machine
15	0809-039	2	● Valve, Intake	38	0470-669	1	Boot
16	0809-040	2	● Valve, Exhaust	39	0423-066	1	Clamp
17	0831-066	2	● Plug, Shaft	40	0830-168	1	O-Ring
18	0809-245	1	Camshaft	41	0830-169	1	Plug
19	0809-002	1	Sprocket	42	0808-113	1	Cover, Thermostat
20	0826-034	2	Screw, Cap	43	0808-078	1	Thermostat
21	0828-004	1	Plate, Retainer	44	0808-124	1	Sensor, Engine Coolant Temperature
22	0829-049	1	Pin, Dowel	45	0827-031	1	Bolt, Stud
23	0809-003	1	C-Ring	46	8424-804	1	Nut
				47	0827-002	2	Bolt, Stud
				48	8424-604	2	Nut



CAM CHAIN ASSEMBLY

0732-308

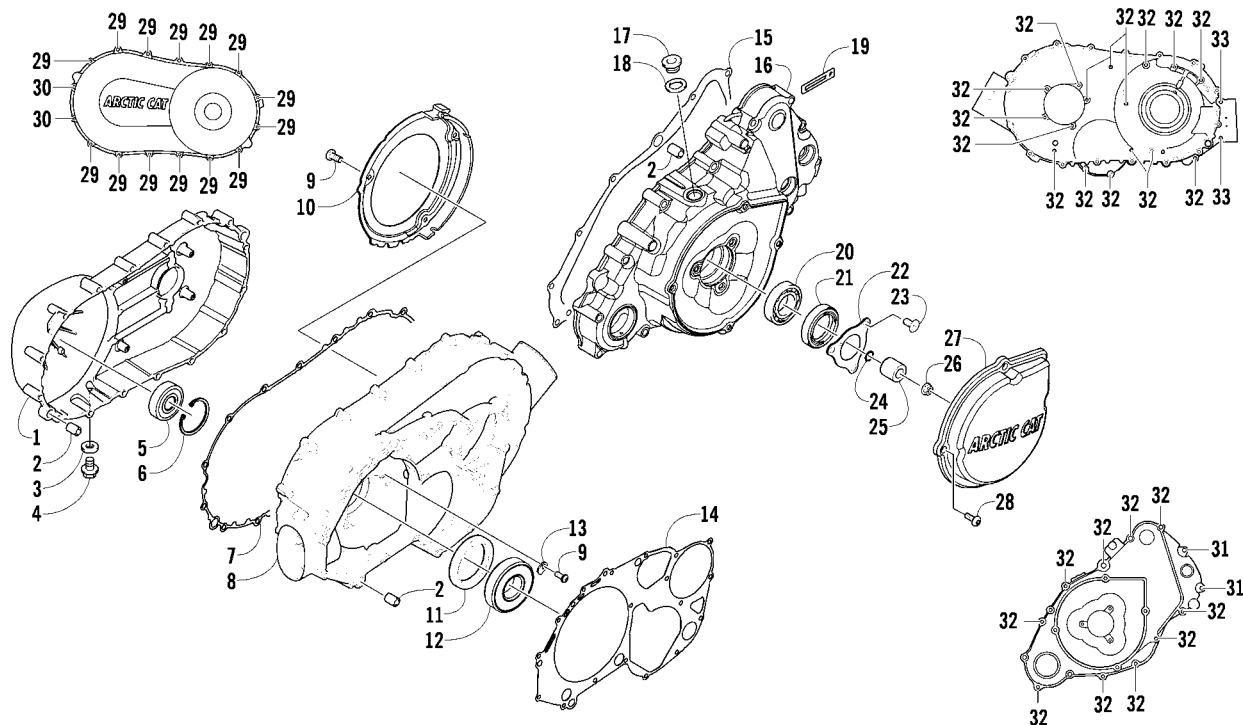
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0810-001	1	Chain, Cam	7	0830-018	1	Gasket
2	0810-002	1	Guide, Chain	8	8468-625	2	Screw, Machine
3	0810-003	1	Tensioner, Chain	9	0830-107	2	Gasket
4	0826-036	1	Pivot, Tensioner	10	8400-610	1	Screw, Cap
5	0830-025	1	Washer, Crush	11	<u>0828-129</u>	1	Washer
6	0810-004	1	Adjuster, Tensioner - Assembly				



CRANKCASE ASSEMBLY

0743-953

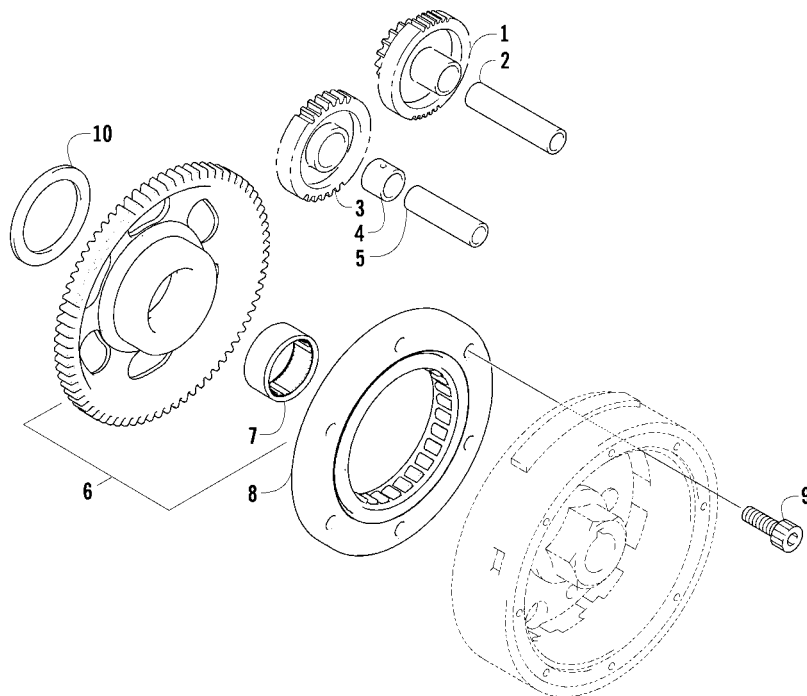
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0801-153	1	Crankcase Assembly (inc. 2-15)	18	0829-002	5	Pin, Dowel
2	0812-064	2	● Plug	19	8468-645	3	Screw, Machine
3	0801-002	1	● Plug	20	8468-655	3	Screw, Machine
4	0832-043	1	● Bearing	21	8468-675	2	Screw, Machine
5	0832-044	2	● Bearing	22	8412-860	1	Screw, Cap
6	0832-049	1	● Bearing	23	0826-017	1	Screw, Cap
7	0832-050	3	● 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	0832-015	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, Machine	29	0801-029	1	Housing, Secondary Shaft (inc. one No. 7)
13	0822-010	4	● Retainer, Bearing	30	0826-105	3	Screw, Cap
14	0801-028	1	● Pipe, Breather	31	0826-038	1	Screw, Cap
15	0830-035	1	● Seal, Driveshaft	32	0801-069	1	Pipe, Breather
16	8412-850	4	Screw, Cap	33	0801-143	1	Stick, Oil Level
17	0829-003	1	Pin, Dowel	34	0830-010	1	O-Ring



CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

0743-969

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0806-089	1	Cover, V-Belt	18	0830-015	1	Washer, Crush
2	0829-002	6	Pin, Dowel	19	3002-964	1	Clamp, Wire
3	0830-013	1	Washer, Crush	20	0832-045	1	Bearing
4	8408-812	1	Screw, Cap	21	0830-158	1	Seal
5	0832-060	1	Bearing	22	0805-008	1	Retainer, Seal
6	0831-078	1	Ring, Retaining	23	0826-031	3	Screw, Machine
7	0830-174	1	Gasket, V-Belt Cover	24	0830-108	1	O-Ring
8	0806-086	1	Cover, Clutch	25	0820-061	1	Bushing
9	0826-029	5	Screw, Machine	26	0827-008	1	Nut
10	0806-048	1	Plate, Air Intake	27	0820-062	1	Cover, Magneto
11	0830-188	1	Seal	28	8468-616	4	Screw, Machine
12	0832-047	1	Bearing	29	8468-645	14	Screw, Machine
13	0822-010	2	Retainer, Bearing	30	8468-655	2	Screw, Machine
14	0830-116	1	Gasket, Clutch Cover	31	8468-625	2	Screw, Machine
15	0830-128	1	Gasket, Magneto Cover	32	8468-640	26	Screw, Machine
16	0806-082	1	Cover, Magneto - Assembly	33	8468-675	2	Screw, Machine
17	0806-022	1	Plug				

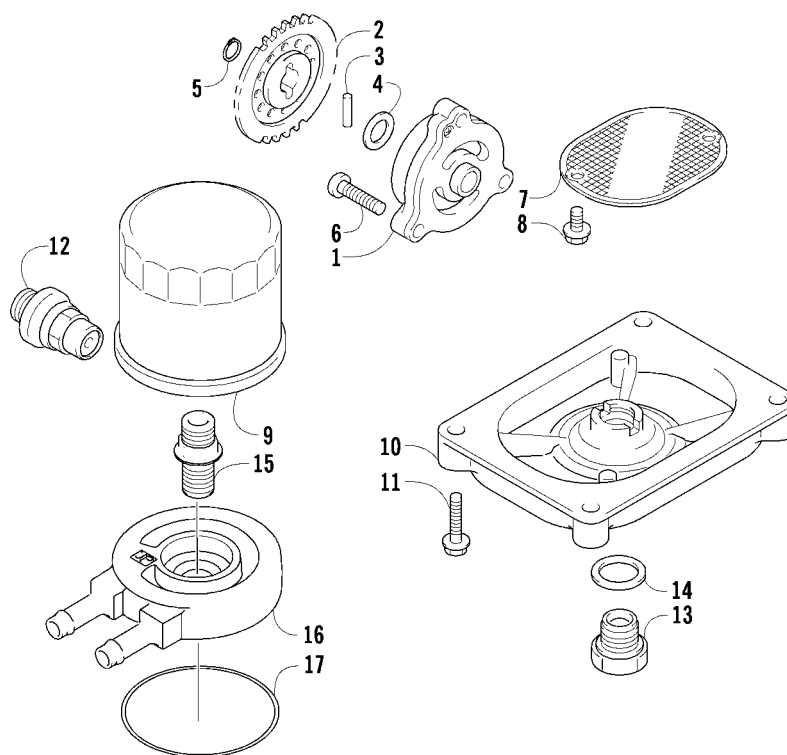


STARTER CLUTCH ASSEMBLY

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	<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	0828-094	1	Washer

42

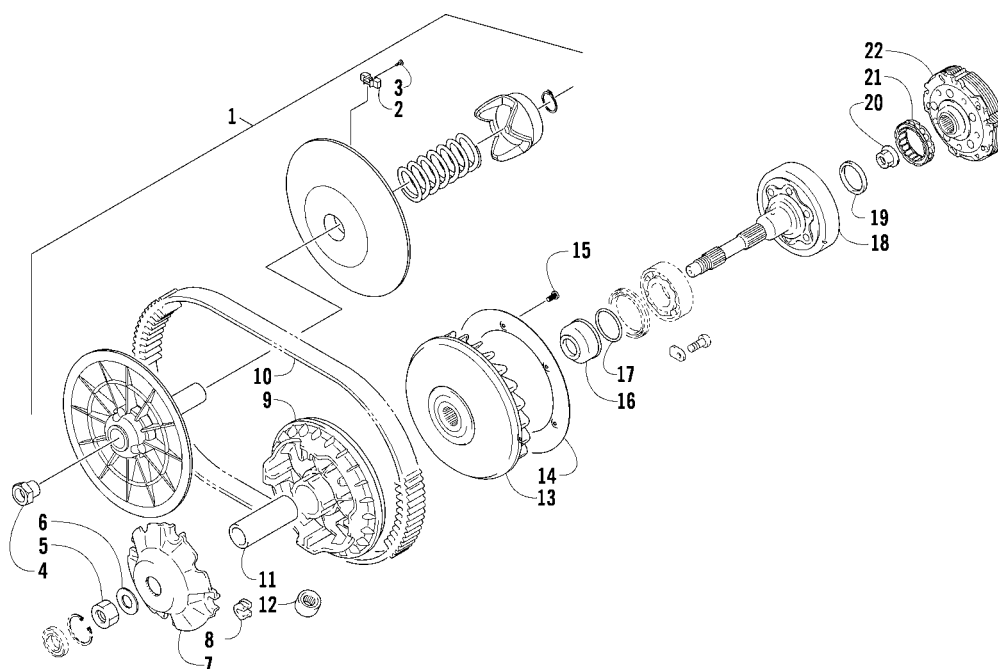


OIL FILTER/PUMP ASSEMBLY

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, Machine	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				

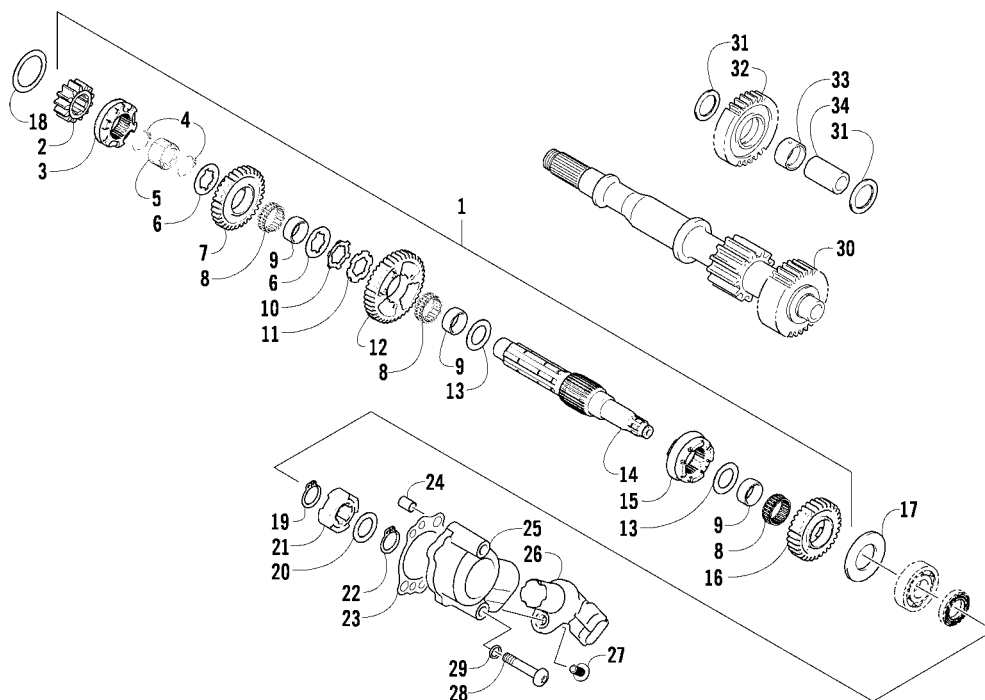
44



TRANSMISSION ASSEMBLY

0743-967

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0823-157	1	Pulley, Driven - Assembly (inc. 2-4)	12	0823-167	8	Roller
2	0823-176	3	● Shoe, Cam	13	0823-156	1	Face, Fixed Drive
3	0823-177	3	● Screw, Machine	14	0823-131	1	Shroud, Drive Face
4	0823-178	1	● Nut	15	0623-914	6	Screw, Self-Tapping
5	0827-010	1	Nut	16	0823-015	1	Spacer, Fixed Drive Face
6	0828-106	1	Washer	17	0470-531	1	O-Ring
7	0823-008	1	Plate, Movable Drive Face	18	0823-096	1	Housing, Clutch - Assembly
8	0823-010	4	Damper, Movable Drive Face	19	<u>0830-189</u>	1	Seal
9	0823-159	1	Face, Movable Drive	20	0827-011	1	Nut
10	0823-013	1	Belt, Drive	21	0823-018	1	Clutch, One-Way
11	0823-149	1	Spacer	22	0823-098	1	Clutch, Centrifugal - 6 Plate

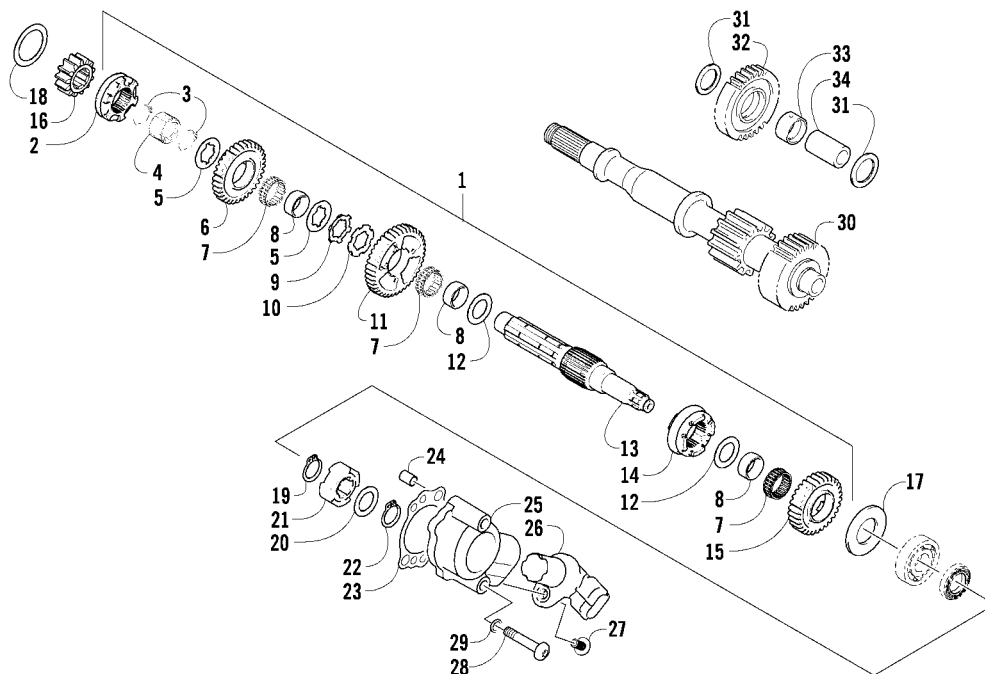


SECONDARY TRANSMISSION ASSEMBLY

(Engine Serial No. Up to 0700A60010049)

0743-968

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0822-048	1	Countershaft Assembly (inc. 2-16)	18	0828-019	1	Washer, Thrust
2	0822-008	1	● Gear, Drive	19	0831-040	1	Ring, Retaining
3	0822-014	1	● Gear Select, Reverse	20	0828-069	1	Washer, Thrust
4	0831-011	2	● Ring, Retaining	21	0822-050	1	Trigger, Speedometer Sensor
5	0822-045	1	● Spacer, Reverse Driven Gear	22	0831-039	1	Ring, Retaining
6	0828-008	2	● Washer	23	0830-129	1	Gasket
7	0822-013	1	● Gear, Reverse Driven	24	0829-023	2	Pin, Dowel
8	0832-011	3	● Bearing	25	0822-049	1	Housing, Speedometer Sensor
9	0822-005	3	● Bushing	26	0824-042	1	Sensor, Speedometer
10	0828-014	1	● Washer, Lock	27	8468-620	1	Screw, Machine
11	0828-015	1	● Washer, Lock	28	8468-645	2	Screw, Machine
12	0822-004	1	● Gear, Driven - Low	29	0830-107	2	Seal, Fastener
13	0822-046	2	● Washer, Driven Gear	30	0822-001	1	Driveshaft
14	0822-003	1	● Countershaft	31	0828-016	2	Washer, Thrust
15	0822-007	1	● Gear Select, Sliding	32	0822-011	1	Gear, Reverse Idle
16	0822-006	1	● Gear, Driven - High	33	0822-012	1	Bushing
17	0828-011	1	Washer	34	0822-015	1	Shaft, Reverse Idle

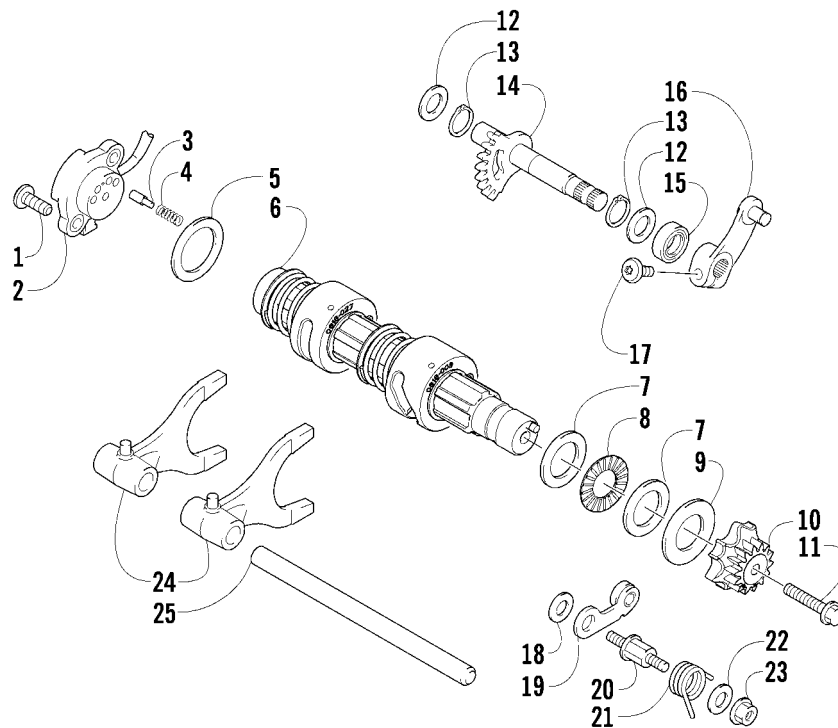


SECONDARY TRANSMISSION ASSEMBLY

(Engine Serial No. 0700A60010050 and Up)

0743-765

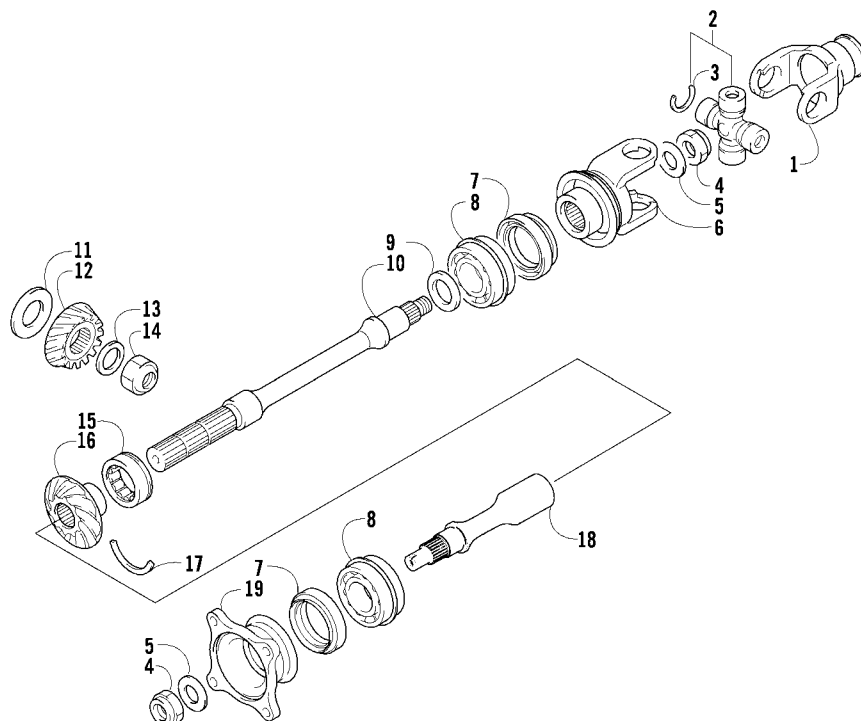
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1502-149	1	Countershaft Assembly (inc. 2-15)	18	0828-019	1	Washer, Thrust
2	0822-014	1	● Gear Select, Reverse	19	0831-040	1	Ring, Retaining
3	0831-011	2	● Ring, Retaining	20	0828-069	1	Washer, Thrust
4	0822-045	1	● Spacer, Reverse Driven 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, Fastener
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	1	Washer	34	0822-015	1	Shaft, Reverse Idle



GEAR SHIFTING ASSEMBLY

0743-770

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	20	0818-004	1	Support, Cam Stopper
8	0832-052	1	Bearing, Thrust	21	<u>0818-090</u>	1	Spring
9	0828-037	1	Washer	22	0828-035	1	Washer
10	<u>0818-089</u>	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				

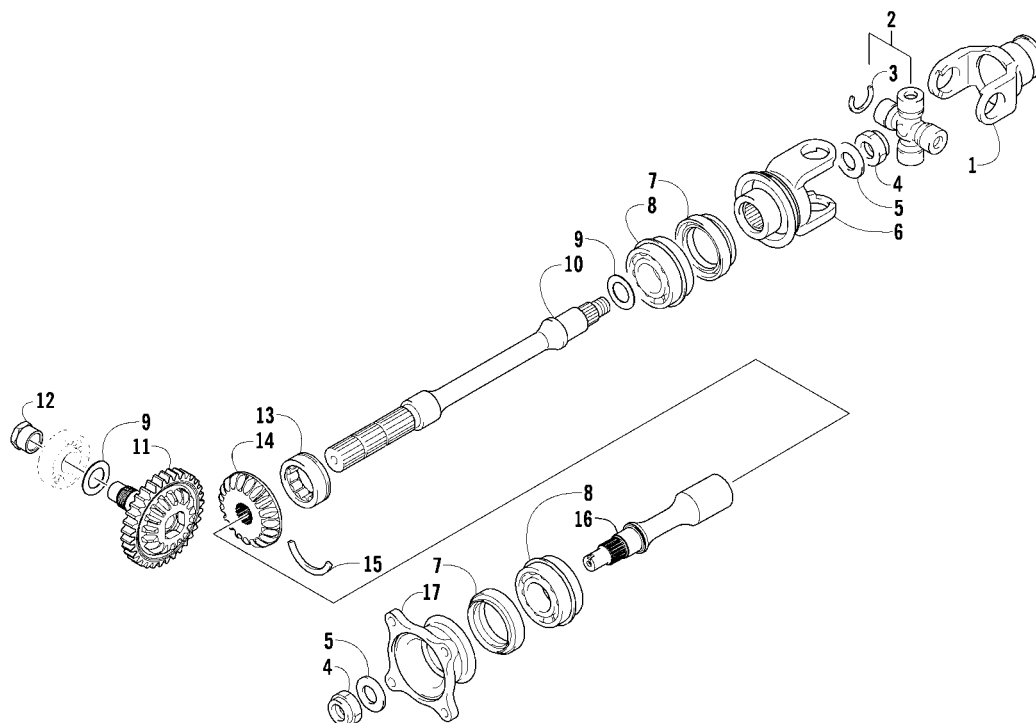


SECONDARY DRIVE ASSEMBLY

(Engine Serial No. Up to 0700A60010049)

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		0828-033	AR	Shim, 24 x 48 x 0.90 mm
5	0828-020	2	Washer		0828-018	AR	Shim, 24 x 48 x 0.95 mm
6	0819-061	1	Yoke, Drive Output		0828-062	AR	Shim, 24 x 48 x 1.00 mm
7	0830-043	2	Seal, Oil		0828-063	AR	Shim, 24 x 48 x 1.05 mm
8	0832-017	2	Bearing		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
	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
10	0819-003	1	Shaft, Secondary Driven - Front				

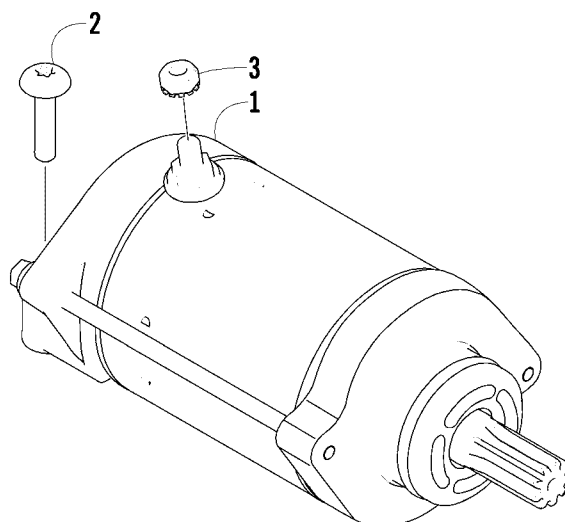


SECONDARY DRIVE ASSEMBLY

(Engine Serial No. 0700A60010050 and Up)

0743-766

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0819-063	1	Yoke, Propeller Shaft Joint	10	0819-003	1	Shaft, Secondary Driven - Front
2	1402-164	1	Joint, Universal - Set (inc. 3)	11	<u>0822-107</u>	1	Gear, Secondary Drive
3	0423-450	4	● Ring, Retaining	12	0827-052	1	Nut
4	0827-013	2	Nut	13	0832-016	1	Bearing
5	0828-020	2	Washer	14	<u>0822-106</u>	1	Gear, Secondary Driven
6	0819-061	1	Yoke, Drive Output	15	0819-011	1	Ring, Driven Bearing
7	0830-043	2	Seal, Oil	16	0819-053	1	Shaft, Secondary Driven - Rear
8	0832-017	2	Bearing	17	0819-005	1	Flange, Output Joint
9	0828-021	AR	Shim, 25 x 34 x 0.25 mm				
	0828-022	AR	Shim, 25 x 34 x 0.30 mm				
	0828-023	AR	Shim, 25 x 34 x 0.70 mm				
	0828-024	AR	Shim, 25 x 34 x 0.90 mm				
	0828-025	AR	Shim, 25 x 34 x 0.95 mm				
	0828-026	AR	Shim, 25 x 34 x 1.00 mm				
	0828-027	AR	Shim, 25 x 34 x 1.05 mm				
	0828-028	AR	Shim, 25 x 34 x 1.10 mm				
	0828-029	AR	Shim, 25 x 34 x 1.15 mm				



STARTER MOTOR ASSEMBLY

0743-180

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0825-013	1	Motor, Starter - Assembly	3	0623-038	1	Nut w/Washer
2	8476-625	2	Screw, Machine				

52

