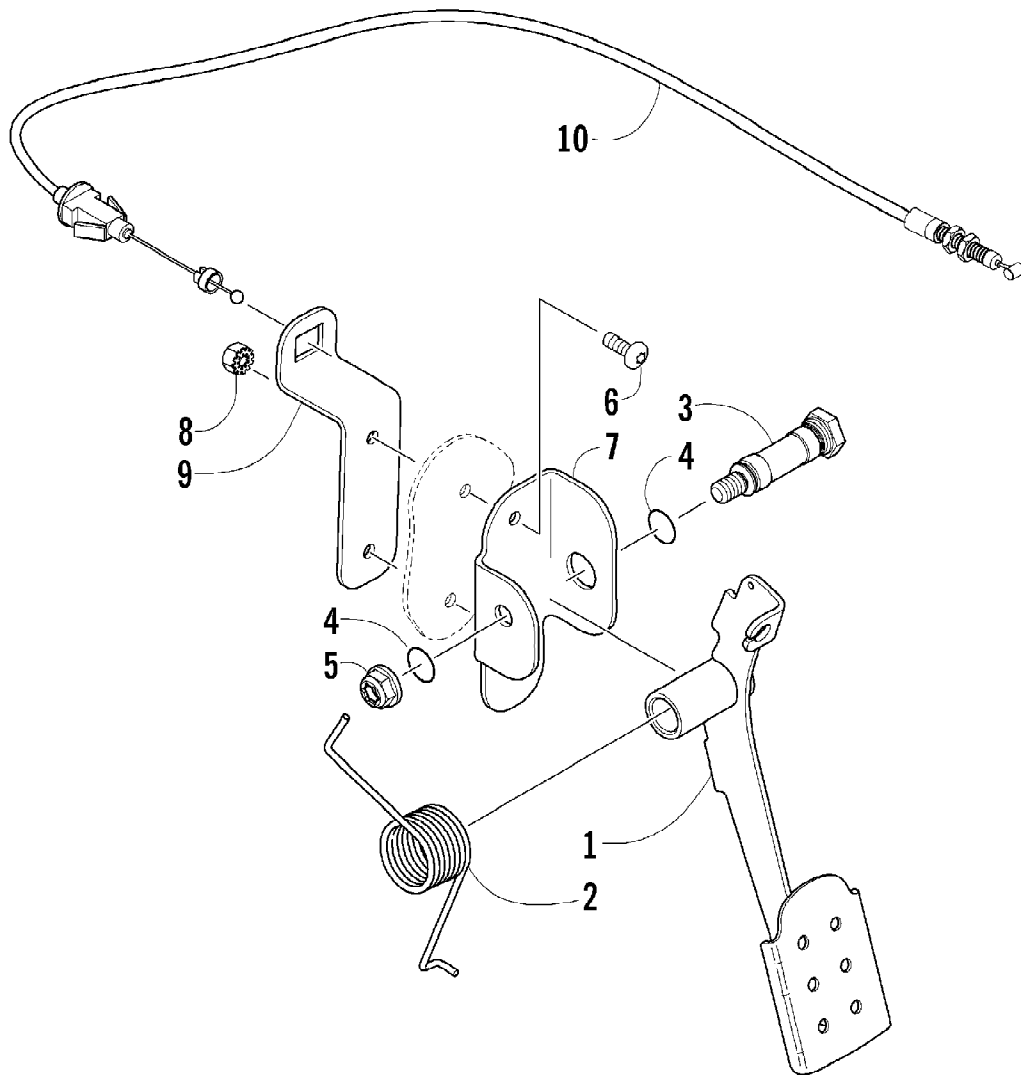
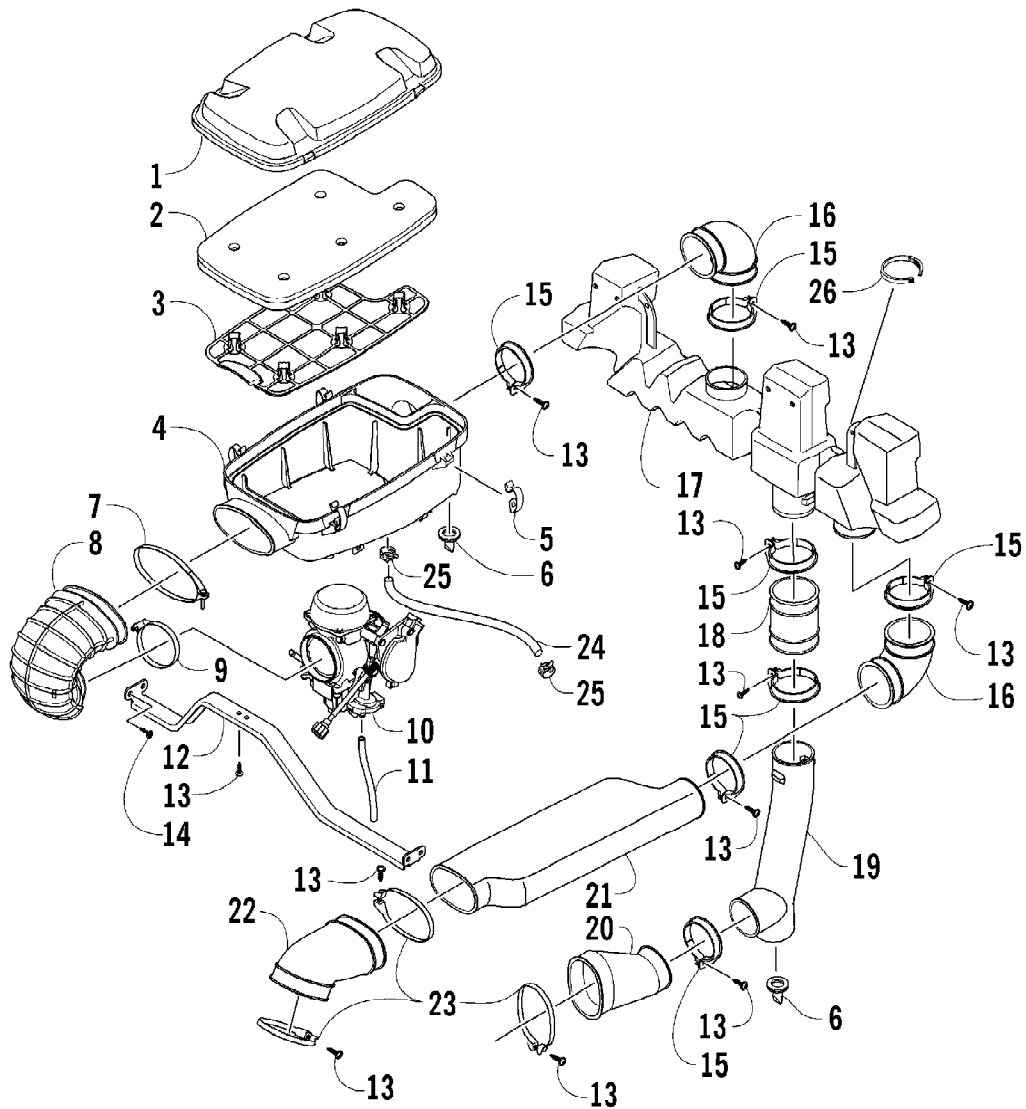




2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 2 of 93
ACCELERATOR ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-974	1		Pedal, Accelerator
2	0405-233	1		Spring
3	0402-872	1		Axle
4	1602-213	2	/P	O-Ring
5	8422-002	1		Nut
6	8471-616	2		Screw, Machine
7	0502-991	1		Bracket, Accelerator Pedal
8	0623-038	2		Nut, Hex w/Washer
9	0502-990	1		Bracket, Cable - Throttle
10	0487-039	1	S/P	Cable, Throttle

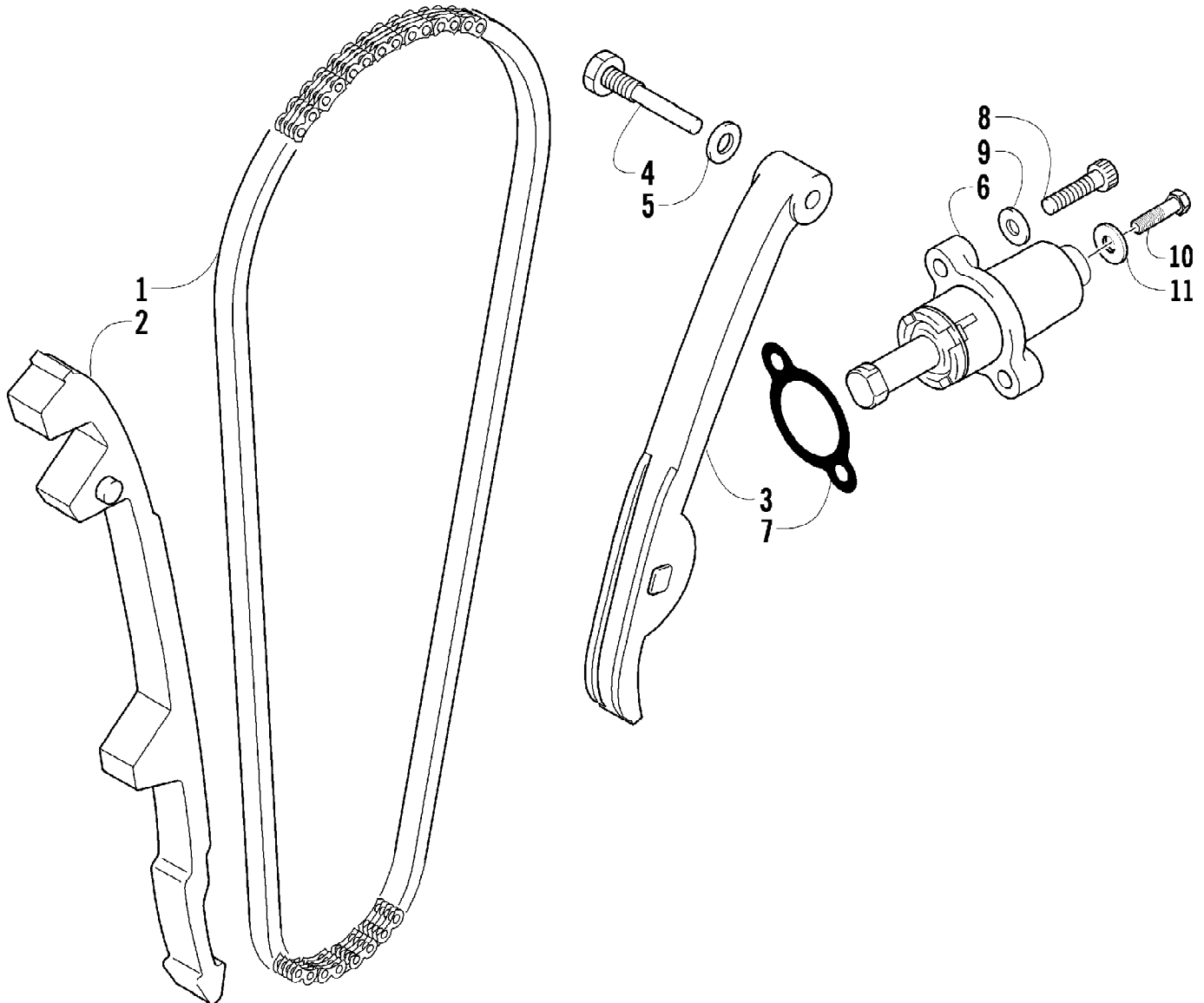
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 3 of 93
AIR INTAKE ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 4 of 93
AIR INTAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0470-554	1	S	Cover, Air Intake
2	0470-494	1	S	Filter, Air
3	0470-516	1		Screen, Air Filter
4	0470-515	1	S	Housing, Air Intake
5	0423-455	4		Clip, Spring
6	0470-442	3	/P	Valve, Drain
7	0423-554	1		Clamp, Boot
8	0470-525	1		Boot, Carburetor
9	0423-380	1	/P	Clamp, Boot
10	0470-571	1		Carburetor, CVK36-AE
11	0510-593	1		Hose, Carburetor Drain
12	1506-801	1		Bracket, Mount - Air Intake
13	0423-342	12	/P	Screw, Self-Tapping
14	0623-784	4		Screw, Self-Tapping
15	0423-551	7		Clamp, Plastic
16	0413-098	2		Boot, Air Duct
17	0413-101	1		Plenum, Air-In/Out
18	0413-085	1		Boot, Air-In
19	0413-100	1		Duct, Air-In
20	0413-049	1		Boot, Duct
21	0413-108	1		Duct, Air-Out
22	0413-109	1		Boot, Air-Out
23	0423-550	3		Clamp
24	0410-079	1	S	Hose, Vent - Crankcase
25	0423-045	2		Clamp, Hose
26	0123-788	2	/P	Cable Tie - 7.5 in.

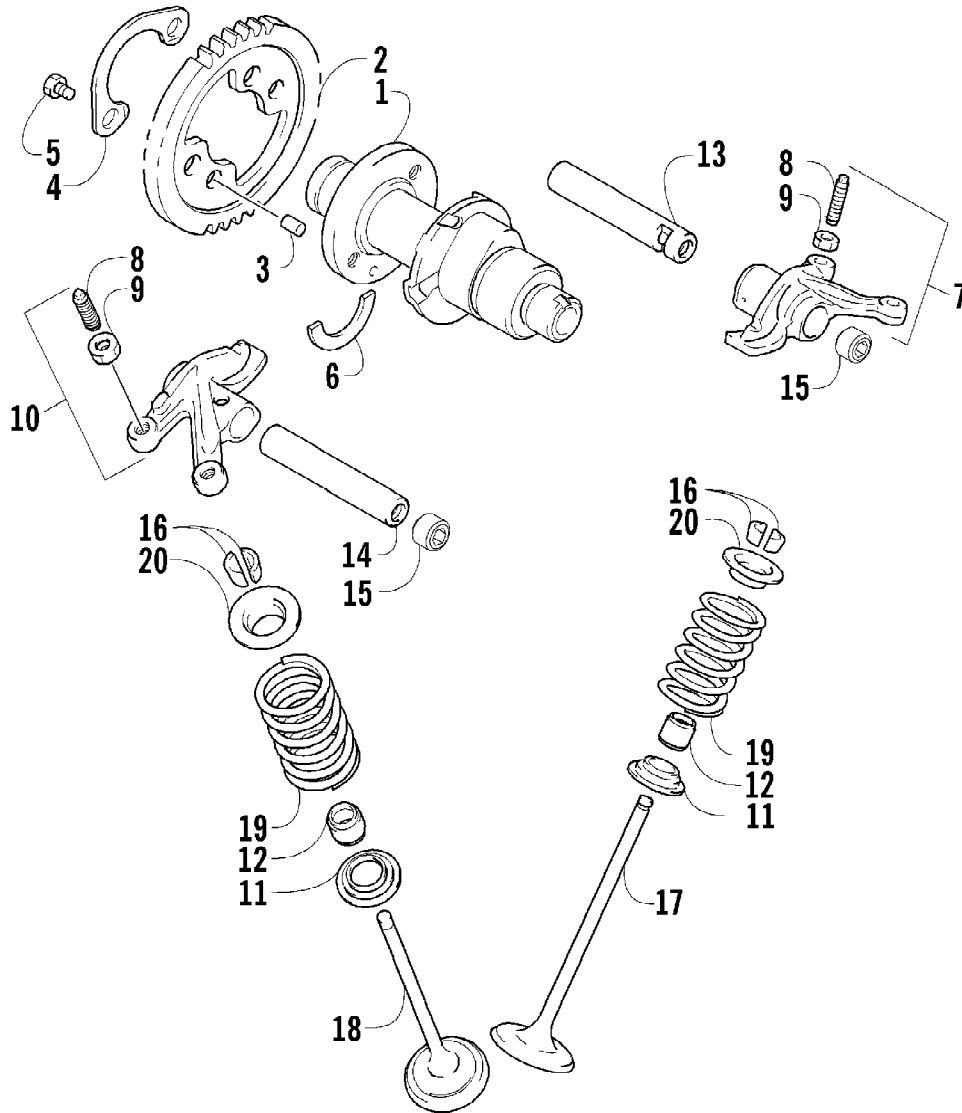
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 5 of 93
CAM CHAIN ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 6 of 93
CAM CHAIN ASSEMBLY

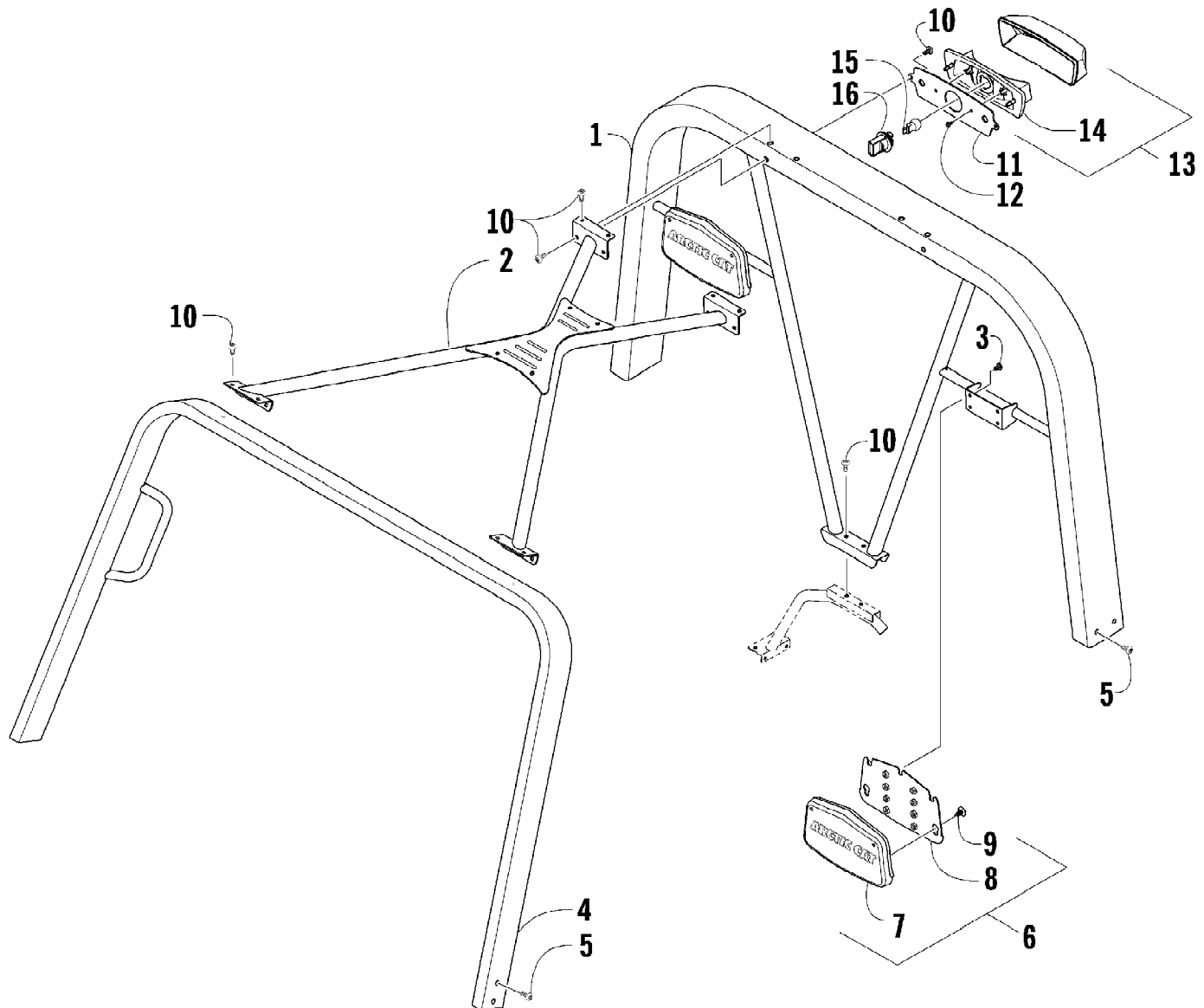
Ref #	Part Number	Qty	S/P/F	Description
1	0810-001	1		Chain, Cam
2	0810-002	1		Guide, Chain
3	0810-003	1		Tensioner, Chain
4	0826-036	1		Bolt
5	0830-025	1		Washer
6	0810-004	1		Adjuster, Tensioner - Assembly
7	0830-018	1		Gasket
8	8468-625	2		Screw, Machine
9	0830-107	2		Gasket
10	8400-610	1		Screw, Cap
11	0828-110	1		Washer

2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 7 of 93
CAMSHAFT/VALVE ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)Page 8 of 93
CAMSHAFT/VALVE ASSEMBLY

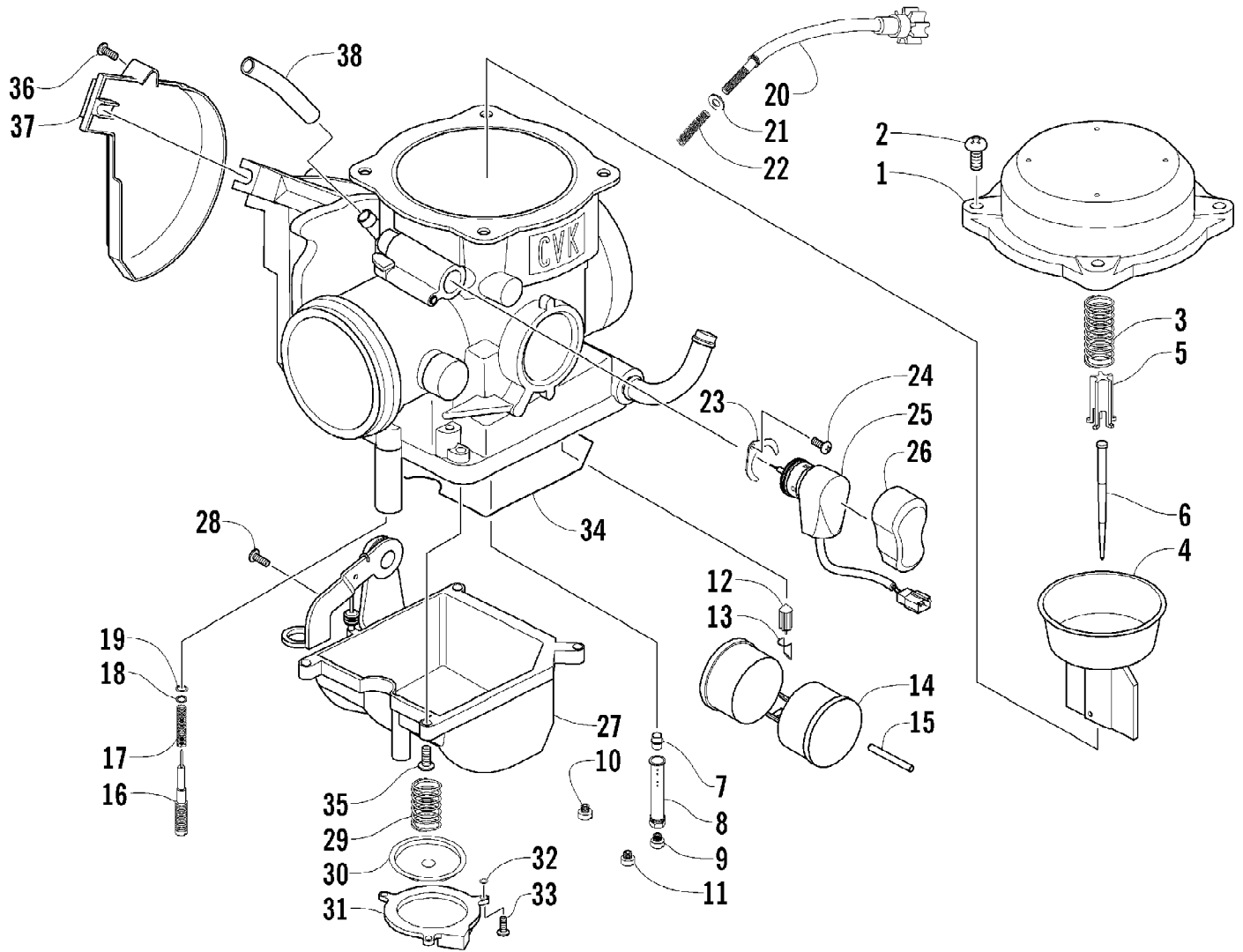
Ref #	Part Number	Qty	S/P/F	Description
1	0809-128	1	S/P	Camshaft
2	0809-002	1		Sprocket
3	0829-008	1		Pin
4	0828-004	1		Washer
5	0826-034	2		Bolt
6	0809-003	1		C-Ring
7	0809-202	1	S/F	Arm, Valve Rocker - Intake (inc. two No. 8-9)
8	0809-033	4	S/F	Screw
9	0827-007	4	F	Nut
10	0809-205	1	S/F	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)
11	0809-006	4	F	Seat, Spring
12	0830-016	4	S/F	Seal, Oil
13	0809-007	1	F	Shaft, Rocker Arm
14	0809-008	1	F	Shaft, Rocker Arm
15	0831-041	2	F	Plug, Shaft
16	0809-014	8	F	Cotter, Valve
17	0809-039	2	S/F	Valve, Intake
18	0809-040	2	S/F	Valve, Exhaust
19	0809-138	4	S/F	Spring, Valve
20	0809-013	4	F	Retainer, Spring



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 10 of 93
CANOPY AND TAILLIGHT ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-680	1		Tube, Canopy - Rear
2	1506-713	1		Support, Canopy
3	0423-361	8		Screw, Machine
4	1506-665	1		Tube, Canopy - Front
5	0423-817	8		Screw, Machine
6	1506-795	2		Pad, Headrest - Assembly (inc. 7-9)
7	1406-884	2		Pad, Headrest
8	1506-722	2		Mount, Headrest
9	0623-544	10		Plug
10	0423-419	18		Screw, Machine
11	0423-577	2		Clip, U-Nut
12	2406-069	1		Bracket, Taillight Mounting
13	0623-301	2	/P	Screw, Self-Tapping
14	0509-022	1		Taillight Assembly (inc. 15-17)
15	0509-025	1		Housing, Taillight
16	0409-056	1		Bulb, Taillight
17	0409-057	1		Socket, Taillight

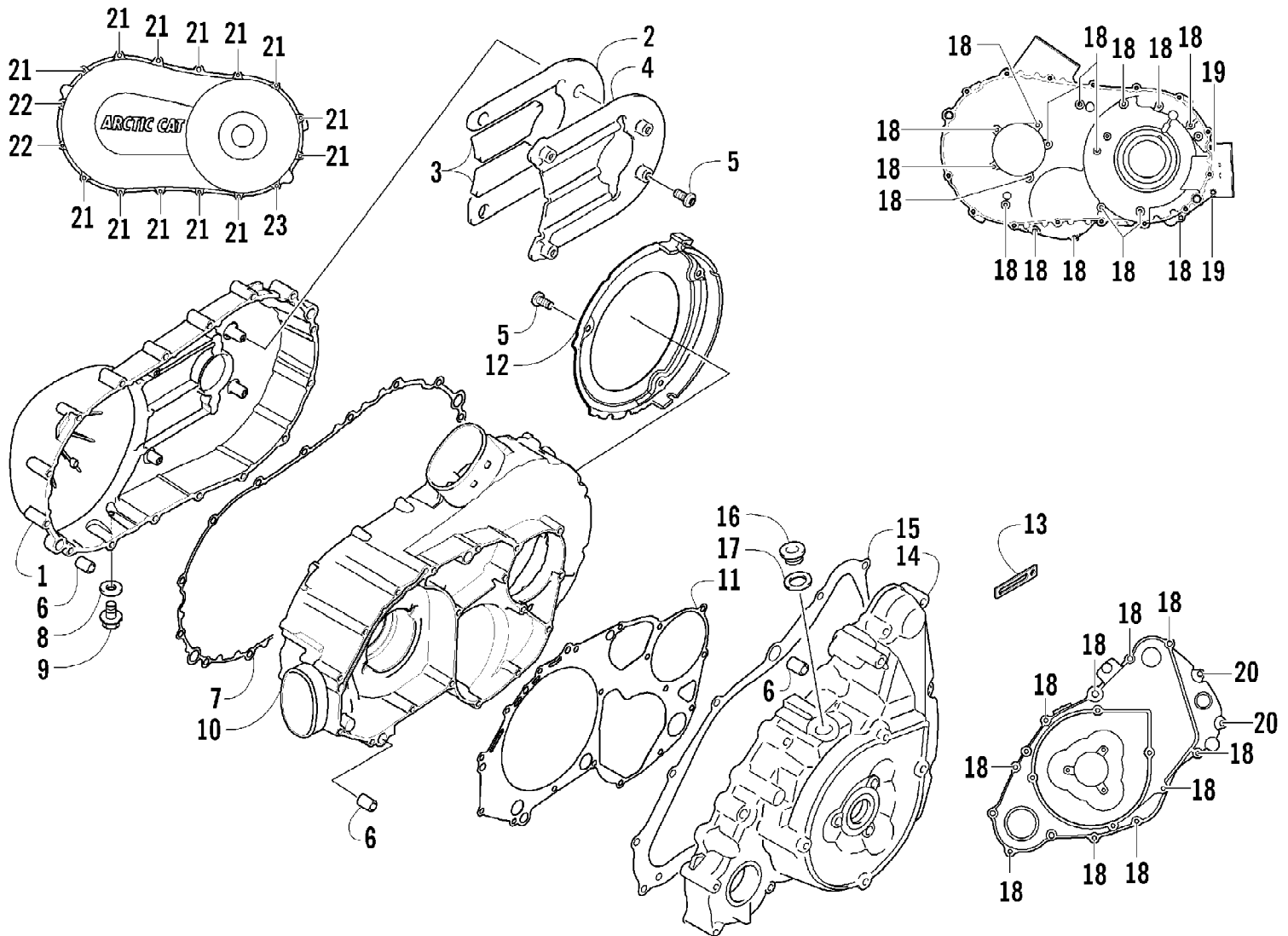
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 11 of 93
CARBURETOR



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CARBURETOR

Ref #	Part Number	Qty	S/P/F	Description
	0470-571	1		Complete Carburetor Assembly CVK36-AE
1	5507-001	1		Cover, Top
2	5507-002	4	/P	Screw, Top Cover
3	5507-066	1	/P	Spring
4	5507-099	1		Piston, Vacuum
5	5507-005	1		Seat, Spring
6	5507-201	1		Jet Needle
7	5507-007	1		Needle Jet
8	5507-047	1	/P	Holder, Needle Jet
9	5507-075	1		Main Jet - 132
9	5507-072	1		Main Jet - 125
9	5507-073	1		Main Jet - 128
9	5507-074	1		Main Jet - 130
9	5507-076	1	/P	Main Jet - 138
9	5507-057	1	/P	Main Jet - 135
9	5507-043	1		Main Jet - 142
9	5507-042	1	/P	Main Jet - 145
9	5507-041	1		Main Jet - 148
9	5507-009	1	/P	Main Jet - 150
9	5507-077	1		Main Jet - 152
9	5507-078	1		Main Jet - 155
10	5507-101	1	S	Slow Jet
11	5507-112	1		Starter Jet - 85
12	5507-183	1		Valve, Float - Set (inc. 13)
13	*	1		Clip
14	5507-039	1		Float Set (inc. 15)
15	*	1		Pin, Float
16	5507-111	1		Screw, Pilot Air - Set (inc. 17-19)
17	*	1		Spring
18	*	1		Washer
19	*	1		O-Ring
20	5507-027	1		Screw, Idle Adjust
21	5507-028	1		Washer
22	5507-029	1		Spring
23	5507-115	1		Plate
24	5507-117	1	/P	Screw
25	5507-204	1		Choke, Electric
26	5507-114	1		Cover, Electric Choke
27	5507-203	1		Chamber, Float - Assembly (inc. 28-34)
28	5507-050	1	/P	Screw, Drain
29	5507-032	1		Spring
30	5507-202	1		Diaphragm Assembly - Pump Housing
31	5507-033	1		Housing, Pump
32	5507-034	1		U-Ring
33	5507-035	3		Screw
34	5507-067	1	/P	O-Ring, Float Chamber
35	5507-017	4	/P	Screw
36	5507-037	1	/P	Screw
37	5507-036	1		Cover
38	0410-056	1		Hose, Vent

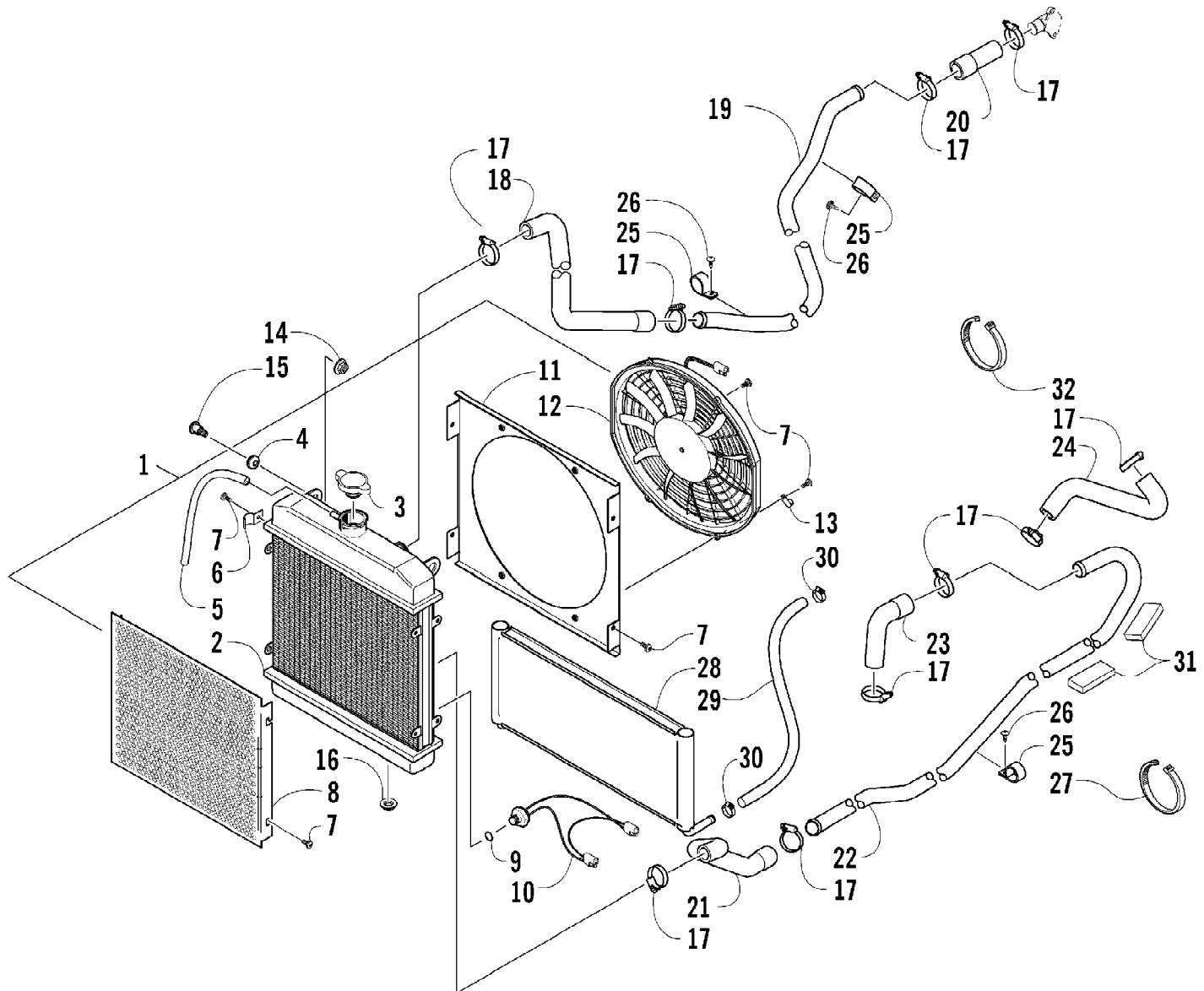
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 13 of 93
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY



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CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0806-014	1	S	Cover, V-Belt
2	0806-015	1		Damper, V-Belt Cover
3	0806-016	2		Damper, V-Belt Cover
4	0806-017	1		Plate, V-Belt Cover
5	0826-029	7		Screw
6	0829-002	4		Pin, Dowel
7	0830-012	1	S	Gasket, V-Belt Cover
8	0830-013	1		Washer, Crush
9	8408-812	1		Screw, Cap
10	0806-013	1	S	Cover, Clutch
11	0830-116	1	/P	Gasket, Clutch Cover
12	0806-048	1		Seal, Air Intake
13	3002-964	1	/P	Clamp, Wire
14	0806-021	1	S	Cover, Magneto - Assembly
15	0830-128	1		Gasket, Magneto Cover
16	0806-022	1		Plug
17	0830-015	1		Washer, Crush
18	8468-640	26		Screw, Machine
19	8468-675	2		Screw, Machine
20	8468-625	2		Screw, Machine
21	8468-645	13		Screw, Machine
22	8468-655	2		Screw, Machine
23	8470-645	1		Screw, Machine

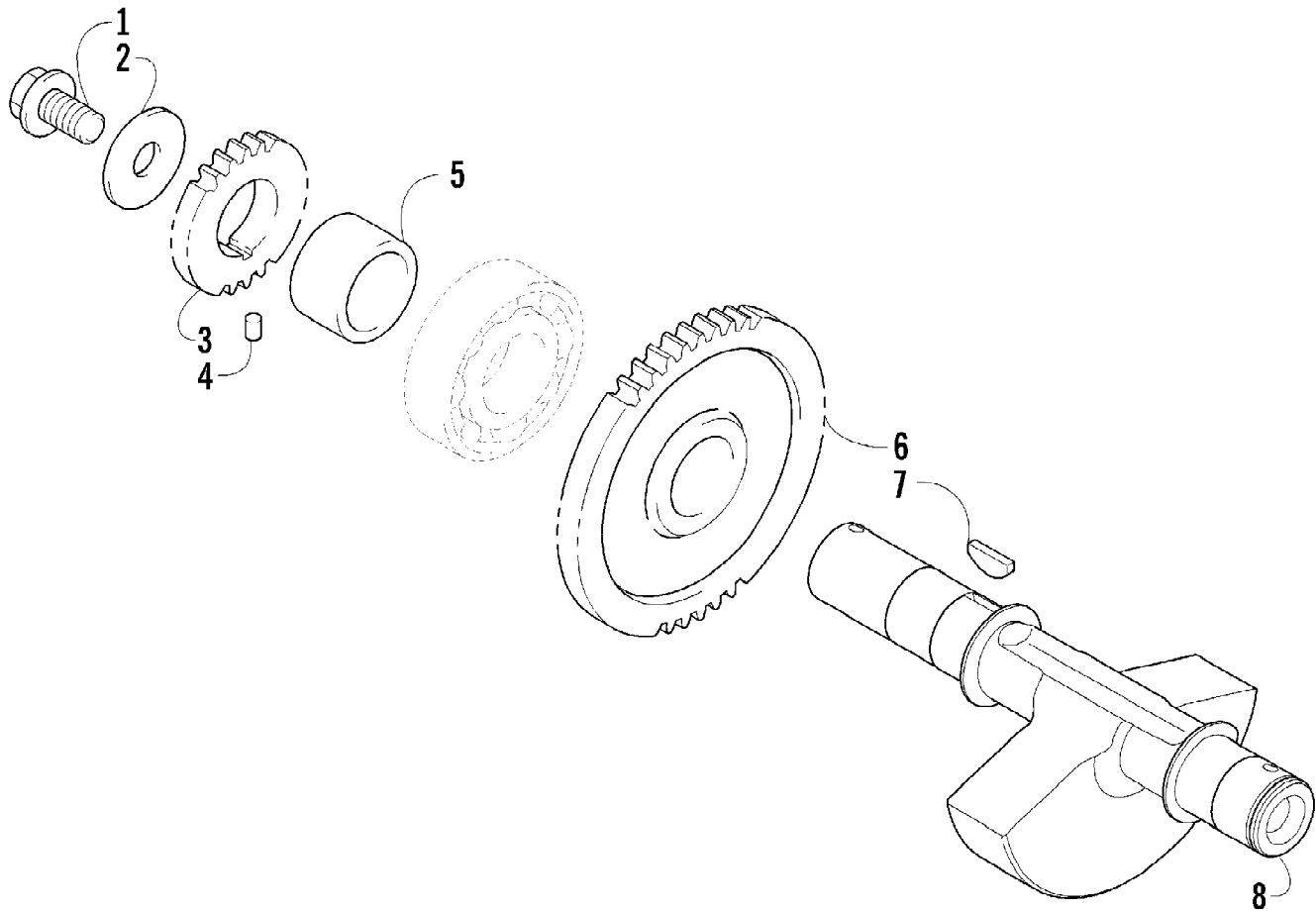
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 15 of 93
COOLING ASSEMBLY



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COOLING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0413-116	1		Radiator Assembly (inc. 2-13 and 28)
2	0413-043	1	S	Radiator
3	0413-002	1	S	Cap, Radiator
4	0423-030	2		Grommet
5	0410-066	AR		Hose - 25 ft
6	0423-351	1		Clamp, Wire
7	8475-512	12		Screw, Machine
8	0413-007	1		Screen, Radiator
9	0423-390	1	S	O-Ring
10	0413-045	1		Sender, Temperature - Coolant
11	0413-124	1		Shroud, Fan
12	0413-123	1	/P	Fan, Cooling
13	0123-397	1		Clamp, Cable
14	0623-038	2		Nut w/Washer
15	0423-484	2		Screw, Shoulder
16	0423-028	2		Bushing, Stem
17	0423-496	10		Clamp, Hose
18	0410-092	1		Hose, Coolant - Upper Radiator
19	0410-089	1		Pipe, Coolant - Upper
20	0410-091	1		Hose, Coolant - Upper Engine
21	0410-094	1		Hose, Coolant - Lower Radiator
22	0410-090	1		Pipe, Coolant - Lower
23	0410-093	1		Hose, Coolant - Lower Engine
24	0410-095	1		Hose, Coolant - Rear
25	0423-594	2		Clamp, Pipe
26	0623-784	2		Screw, Self-Tapping
27	0123-903	5		Cable Tie - 11.5 in.
28	0413-122	1		Cooler, Oil
29	0410-097	1		Hose, Oil - Lower
29	0410-098	1		Hose, Oil - Upper
30	0623-028	4	/P	Clamp
31	0406-288	2		Pad
32	0623-751	2		Cable Tie, Reuseable

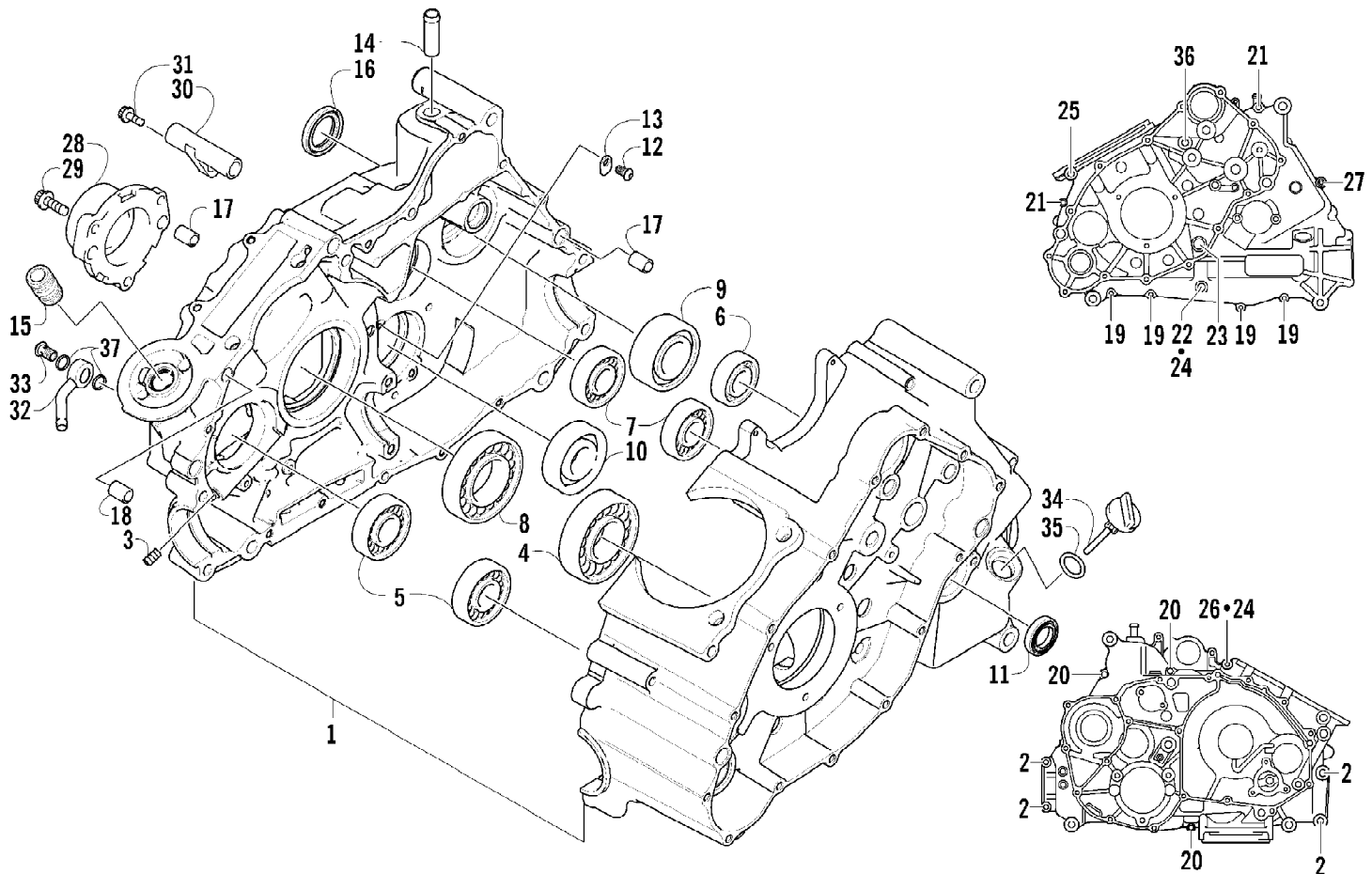
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 17 of 93
CRANK BALANCER ASSEMBLY



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CRANK BALANCER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0826-033	1		Screw, Cap
2	0828-003	1		Washer
3	0811-003	1		Gear, Oil Pump Drive
4	0829-007	1		Dowel, Solid
5	0811-004	1		Spacer
6	0811-002	1		Gear, Driven
7	0829-006	1		Key - Crank Balancer Shaft
8	0811-017	1		Balancer, Crank

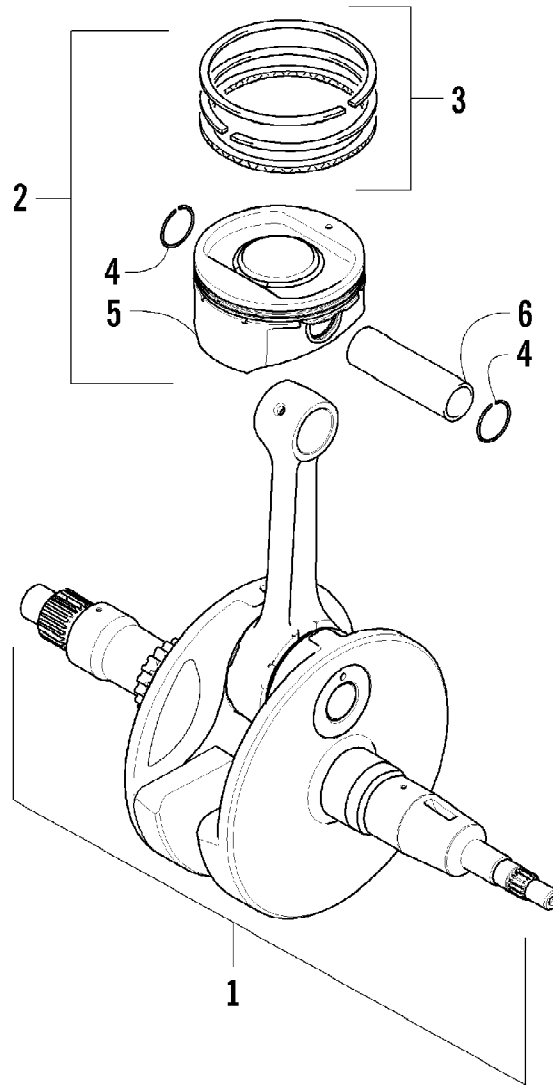
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
CRANKCASE ASSEMBLY



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CRANKCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0801-056	1	S	Crankcase Assembly (inc. 2-16)
2	8412-850	4		Screw, Cap
3	0801-002	2		Plug
4	0832-003	1	S	Bearing
5	0832-005	2	S	Bearing
6	0832-013	1	S	Bearing
7	0832-014	2	S	Bearing
8	0832-002	1	S	Bearing
9	0832-012	1	S	Bearing
10	0832-015	1	S/P	Bearing
11	0822-052	1		Seal, Countershaft
12	0826-100	2		Screw, Cap
13	0822-010	2	/P	Retainer, Bearing
14	0801-028	1		Pipe, Breather
15	0812-008	1		Union, Oil Filter
16	0830-035	1		Seal, Driveshaft
17	0829-002	5		Pin, Dowel
18	0829-003	1		Pin, Dowel
19	8468-645	4		Screw, Machine
20	8468-655	3		Screw, Machine
21	8468-675	2		Screw, Machine
22	8412-860	1		Screw, Cap
23	0826-017	1		Screw, Cap
24	0830-008	2		Gasket
25	0826-019	1		Screw, Cap
26	0826-018	1		Screw, Cap
27	8468-695	1		Screw, Machine
28	0801-006	1		Housing, Secondary Shaft Bearing
29	0826-105	3		Bolt
30	0801-069	1		Pipe, Breather
31	0826-038	1		Bolt, Breather Pipe
32	0812-028	2		Fitting, Oil Cooler
33	0812-025	2		Bolt, Oil Cooler Fitting
34	0801-005	1		Stick, Oil Level
35	0830-010	1		O-Ring, Oil Level Stick
36	8468-680	1		Screw, Machine
37	0812-026	4		Gasket

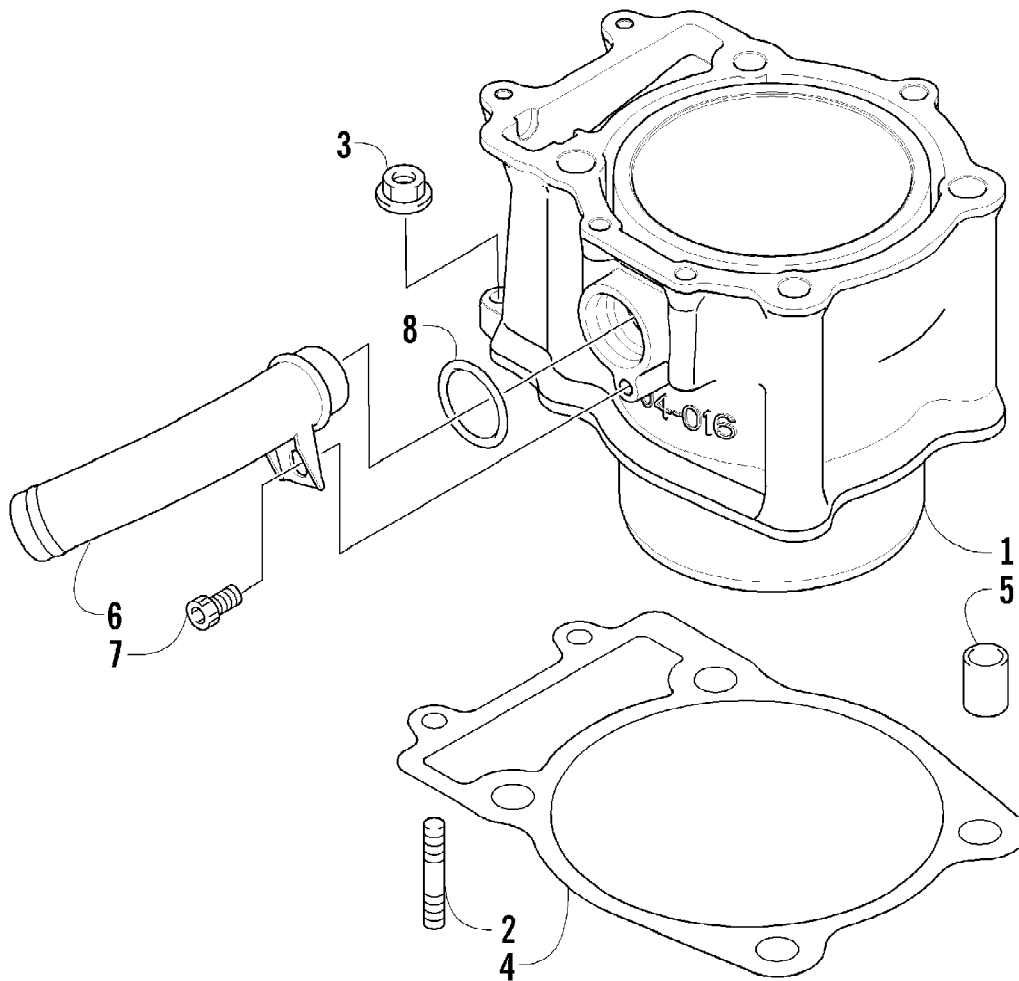
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CRANKSHAFT ASSEMBLY



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CRANKSHAFT ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0805-032	1	S	Crankshaft Assembly
2	0805-035	1	/P	Piston Set (inc. 3-6)
3	0805-011	1		Ring, Piston - Set
4	0831-001	2		Circlip, Piston Pin
5	0805-010	1	S	Piston
6	0805-012	1		Pin, Piston

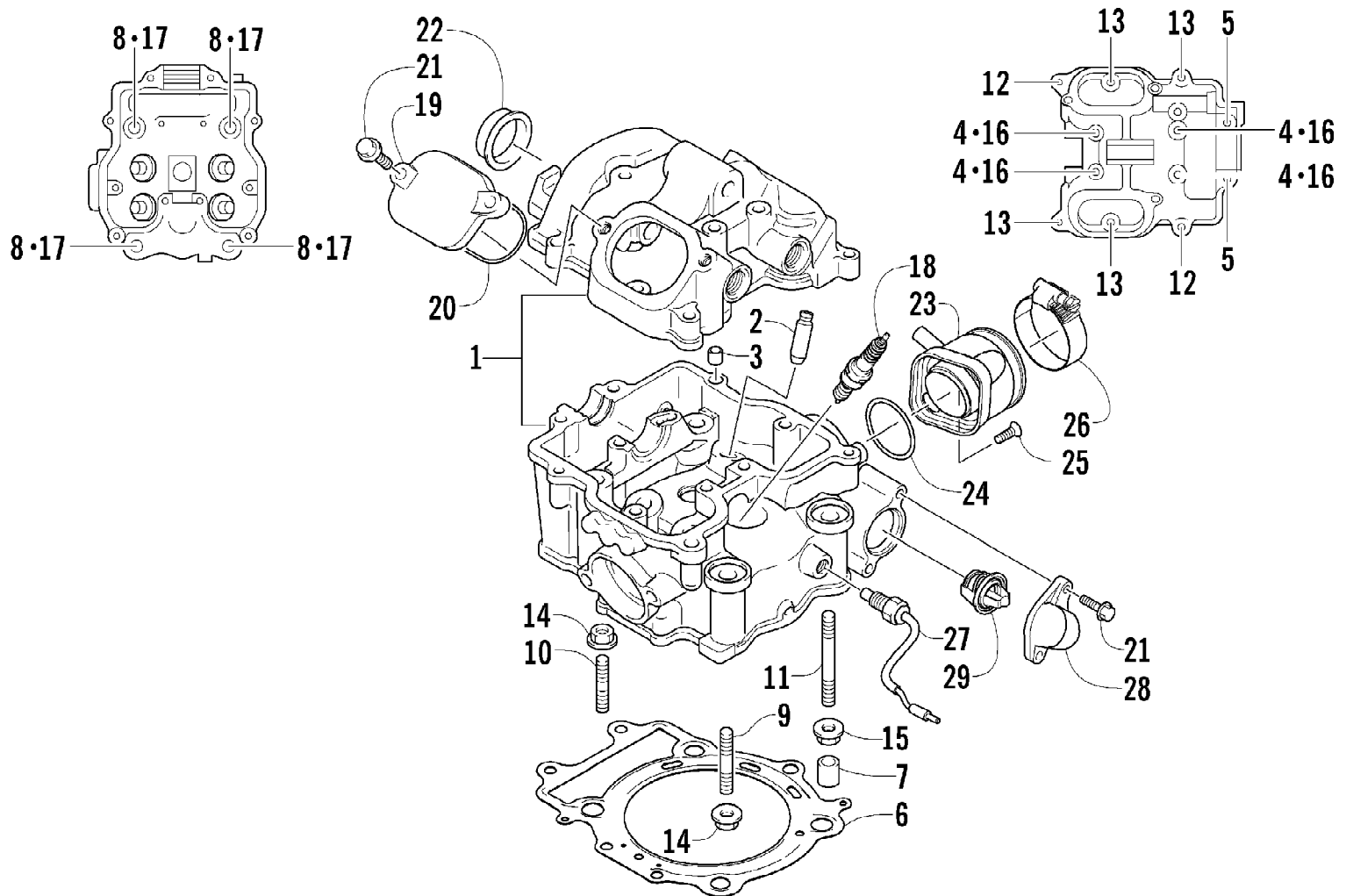
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) ~~Page~~ 23 of 93
CYLINDER ASSEMBLY



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CYLINDER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0804-016	1		Cylinder
2	0827-002	2		Bolt, Stud
3	8424-604	2		Nut
4	0830-084	1		Gasket, Base
5	0829-002	2		Pin, Dowel
6	0804-002	1	S	Union, Water Hose
7	8468-612	1		Screw, Machine
8	0830-007	1		O-Ring

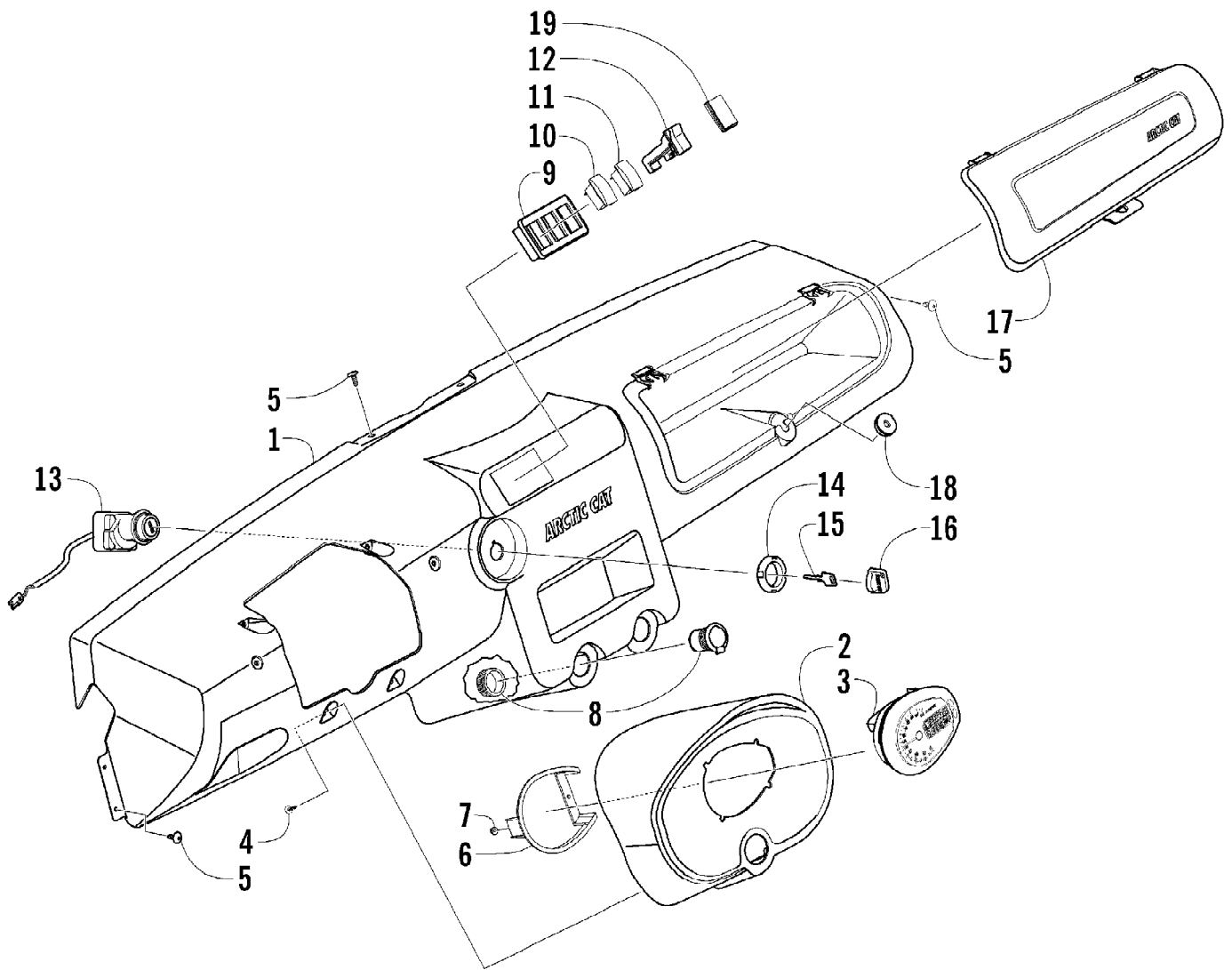
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) ~~Page 25 of 93~~
CYLINDER HEAD ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 26 of 93
CYLINDER HEAD ASSEMBLY

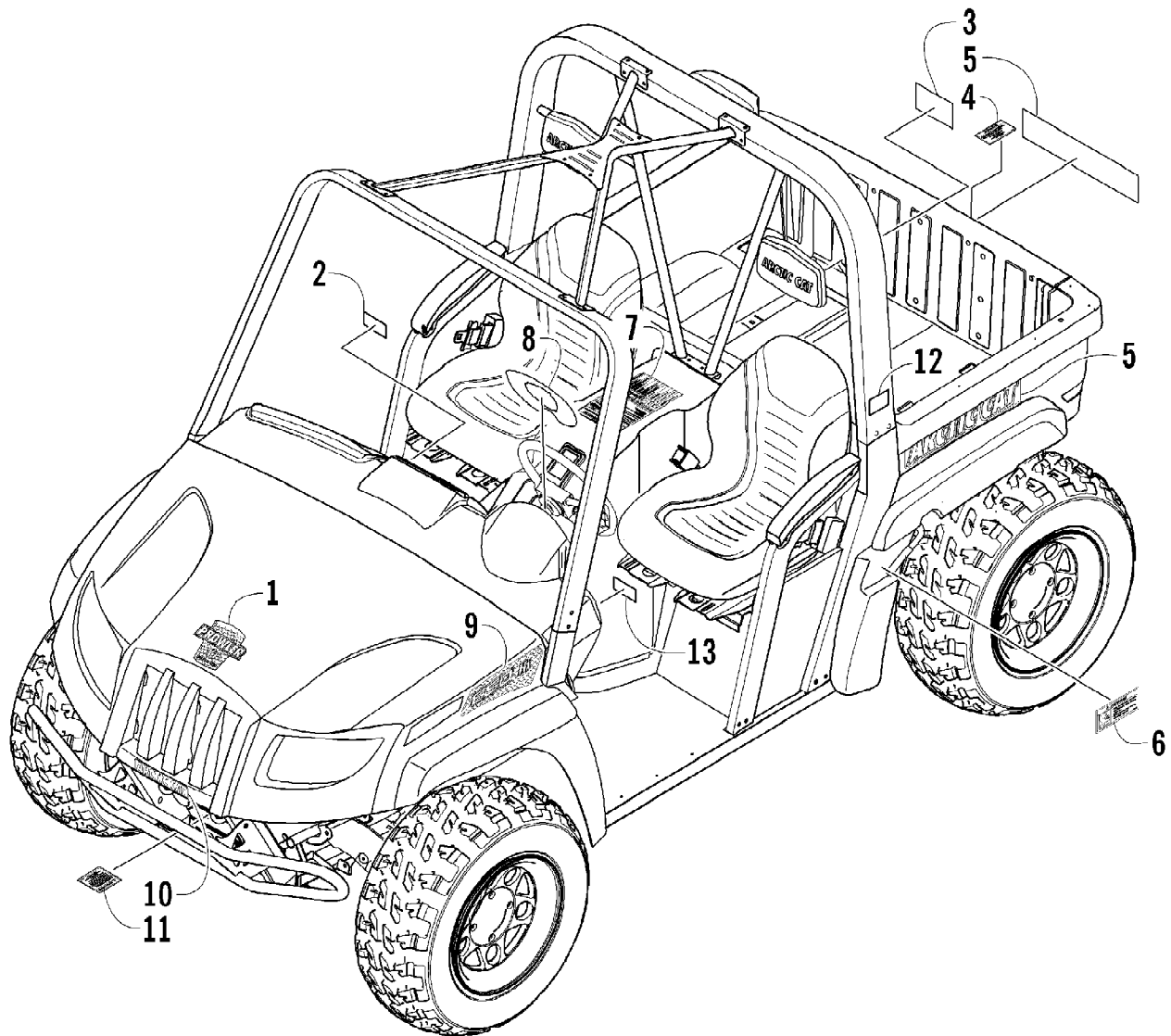
Ref #	Part Number	Qty	S/P/F	Description
1	0808-047	1	F	Head, Cylinder - Assembly (inc. 2-4)
2	0	4	F	Guide, Valve
3	0829-001	2	S	Dowel, Sleeve
4	0826-001	4		Screw, Cap
5	0826-002	2		Screw, Cap
6	0830-124	1	S	Gasket, Cylinder Head
7	0829-002	2		Pin, Dowel
8	0808-037	4	/P	Screw, Cap
9	0827-030	2		Bolt, Stud
10	0827-002	2		Bolt, Stud
11	0827-031	1		Bolt, Stud
12	0826-005	2		Screw, Cap
13	0826-006	4		Screw, Cap
14	8424-604	4		Nut
15	8424-804	1		Nut
16	0830-107	4		Gasket - Seal, Fastener
17	0830-003	4	S	Washer, Crush
18	0217-727	1	S	Spark Plug
19	0808-003	2		Cap, Inspection
20	0830-004	2	S	O-Ring
21	0826-007	4		Screw, Cap
22	0808-077	1		Plug, Cylinder Head
23	0570-115	1		Pipe, Intake - Assembly
24	0830-090	1		O-Ring
25	0826-008	2		Screw, Machine
26	0423-317	1	/P	Clamp, Intake Pipe
27	0808-007	1		Switch, Water Temperature - Assembly
28	0808-008	1		Cover, Thermostat
29	0808-078	1		Thermostat

2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 27 of 93
DASH ASSEMBLY



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DASH ASSEMBLY

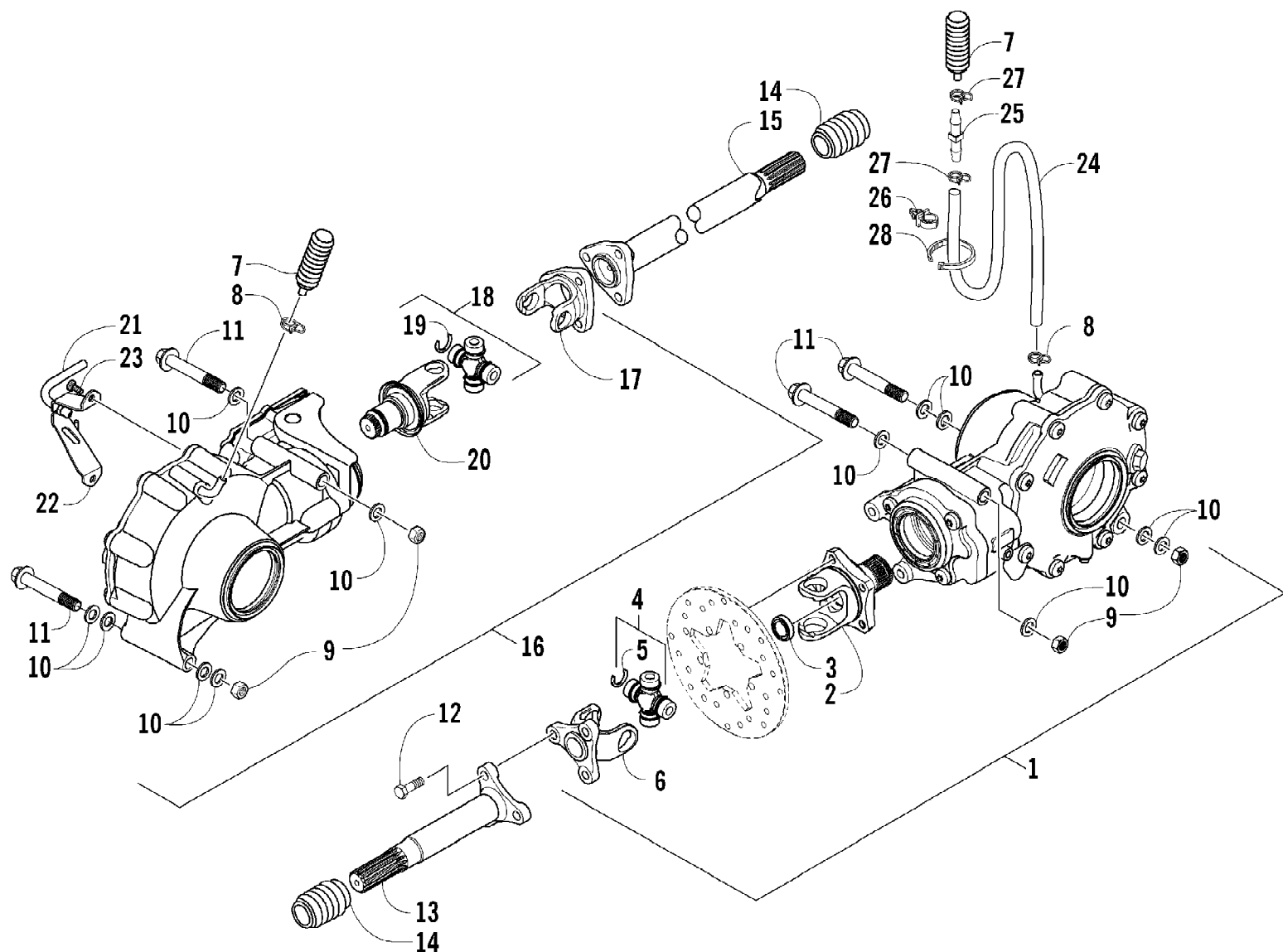
Ref #	Part Number	Qty	S/P/F	Description
1	1406-726	1		Panel, Dash
2	1406-727	1		Pod, Instrument
3	0520-006	1		Gauge, A/D LCD
4	0423-342	6	/P	Screw, Self-Tapping
5	0623-784	6		Screw, Self-Tapping
6	0420-065	1	/P	Clamp, Plastic - LCD Gauge
7	0423-493	2		Nut, Hex
8	0641-897	2	/P	Outlet, Accessory - 12V
9	0409-069	1		Panel, Switch-Mount
10	0409-067	1		Switch - Lights
11	0409-074	1		Switch, 2WD/4WD
12	0502-905	1		Lever, Differential Lock - Assembly
13	0430-040	1	S	Switch, Ignition (inc. 14-16)
14	0430-050	1		Nut, Flange - Key Switch
15	0430-042	1		Key, Ignition Series (Y)
15	0430-043	1		Key, Ignition Series (Z)
16	0430-054	1		Cover, Key
17	1406-789	1		Cover, Glove Box
18	0423-541	1		Grommet, Latch - Glove Box
19	0409-070	1		Plug, Switch Hole



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 30 of 93
DECALS

Ref #	Part Number	Qty	S/P/F	Description
1	1411-153	1		Decal, Center
2	1411-124	1		Decal, Warning - Differential Lock
3	1411-119	1		Decal, Warning - Cargo
4	1411-123	1		Decal, Warning - Towing - Rear
5	1411-157	3		Decal, Box - "Arctic Cat"
6	1411-120	2		Decal, Warning - Pinch Point
7	1411-126	1		Decal, Warning - Console
8	1411-125	1		Decal, Warning - Dash
9	1411-198	1		Decal - Right
9	1411-199	1		Decal - Left
10	1411-155	1		Decal, Front - "Arctic Cat"
11	1411-122	1		Decal, Warning - Towing - Front
12	1411-295	1		Decal, Warning - Canopy
13	1411-330	1		Decal, Brake Release

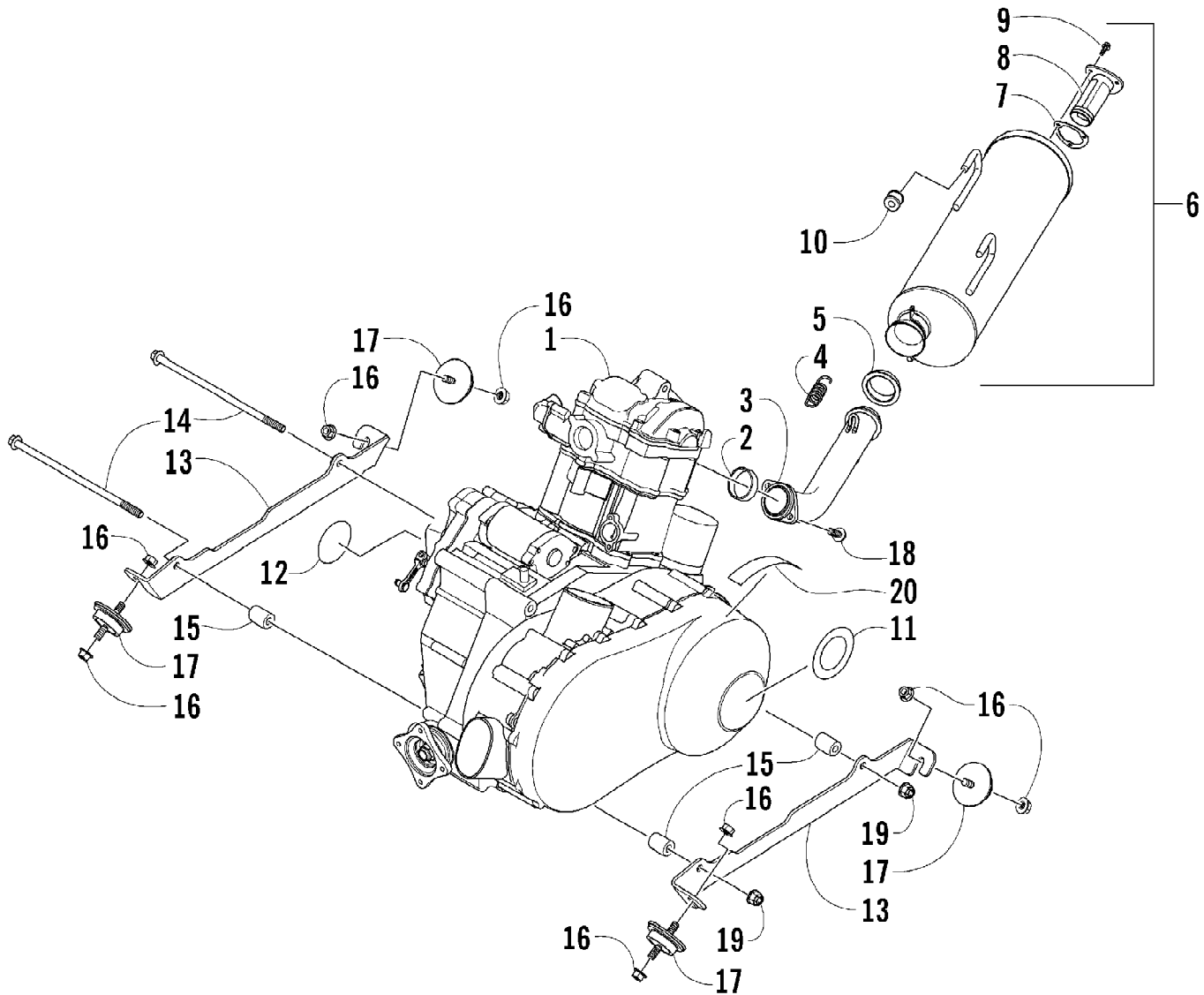
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) ~~Page 31 of 93~~
DRIVE TRAIN ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
 DRIVE TRAIN ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-738	1		Gearcase, Rear (inc. 2-6)
2	0502-765	1		Shaft, Input - Assembly (inc. 3)
3	1402-322	1		Cover, End
4	0402-944	1	/P	Joint, Universal - Set (inc. 5)
5	0423-395	4		Retainer
6	0502-331	1		Yoke, Propeller Shaft
7	0402-147	2	S	Bladder, Gearcase
8	0423-315	2		Clamp, Hose
9	8428-002	4		Nut, Lock
10	0423-426	10		Washer
11	0423-404	4		Screw, Cap
12	8409-025	3		Screw, Cap
13	0502-857	1		Shaft, Drive - Rear
14	0402-966	2		Boot, Shaft
15	0502-855	1		Shaft, Propeller
16	0502-737	1		Gearcase, Front (inc. 17-20)
17	1402-369	1		Yoke, Flange
18	1402-164	1	/P	Joint, Universal - Set (inc. 19)
19	0423-450	4		Retainer
20	0502-517	1		Yoke, Front End - Assembly
21	0487-037	1		Cable
22	0502-942	1		Plate, Cable
23	0423-396	2		Screw, Self-Tapping
24	0410-049	AR		Hose, Vent
25	0470-462	1		Fitting, Vent
26	0623-101	1		Clip, Routing - Snap-In
27	0423-155	2		Clamp, Hose
28	0123-788	1	/P	Tie, Cable

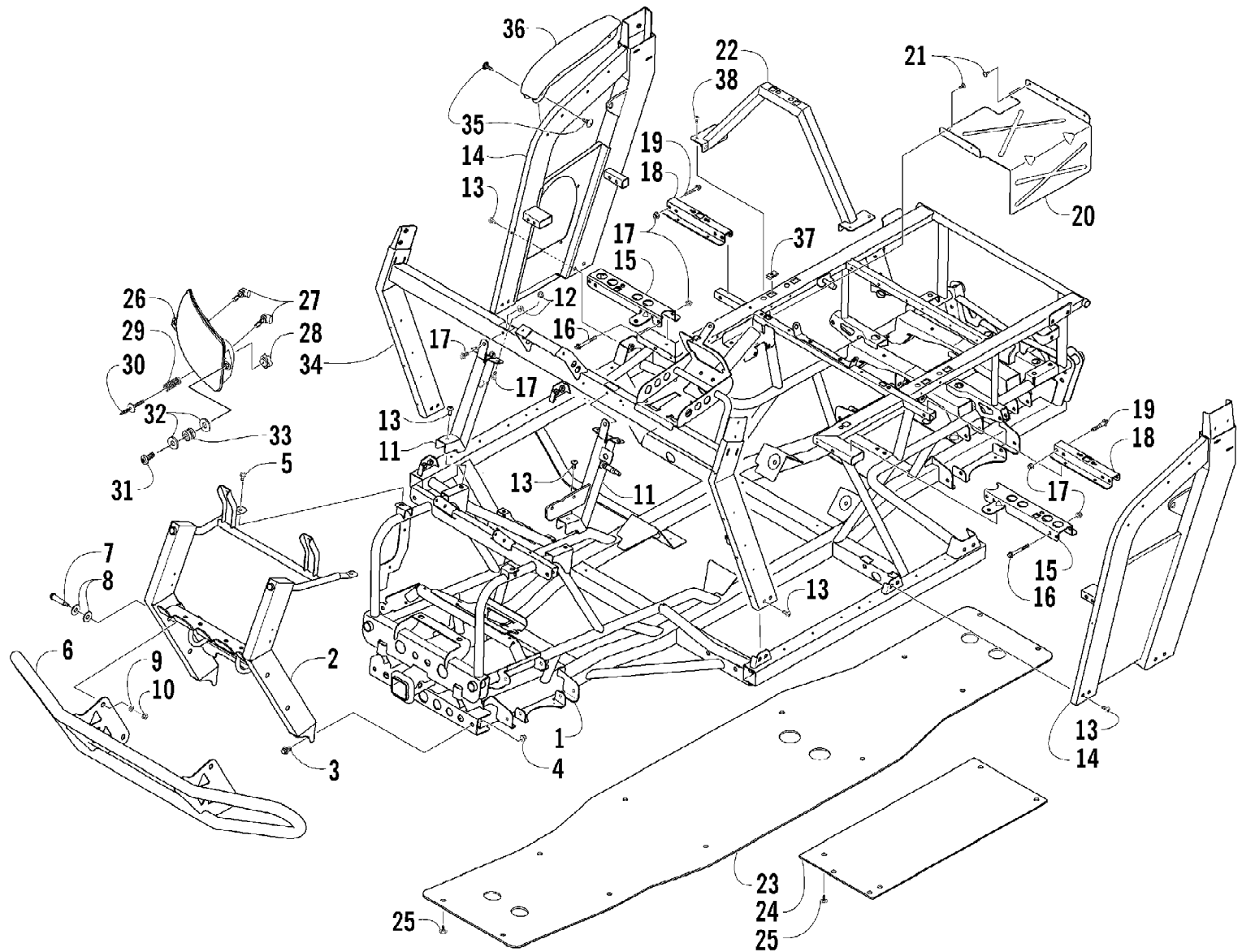
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 33 of 93
ENGINE AND EXHAUST



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ENGINE AND EXHAUST

Ref #	Part Number	Qty	S/P/F	Description
1	0800-010	1	S	Engine
2	0412-338	1	/P	Gasket, Exhaust Pipe
3	0512-189	1		Pipe, Exhaust
4	0612-668	2	/P	Spring
5	0412-256	1	S	Seal, Exhaust
6	0512-191	1		Muffler - Assembly (inc. 7-9)
7	0412-313	1		Gasket, Spark Arrester
8	0512-219	1	/P	Spark Arrester Assembly
9	8408-616	3		Screw, Cap
10	0412-215	2	S	Bushing, Exhaust Pipe
11	1411-176	1		Decal - "Duramatic"
12	1411-177	1		Decal - "USA"
13	1509-998	1		Bracket, Engine - Right
13	1506-999	1		Bracket, Engine - Left
14	0423-537	2	S	Bolt
15	0423-042	3	S	Spacer, Engine Mount
16	8424-002	8		Nut
17	0408-014	4		Mount, Engine
18	8408-820	2	/P	Screw, Cap
19	8428-002	2		Nut
20	0411-426	1		Decal, Warning - Clutch Cover

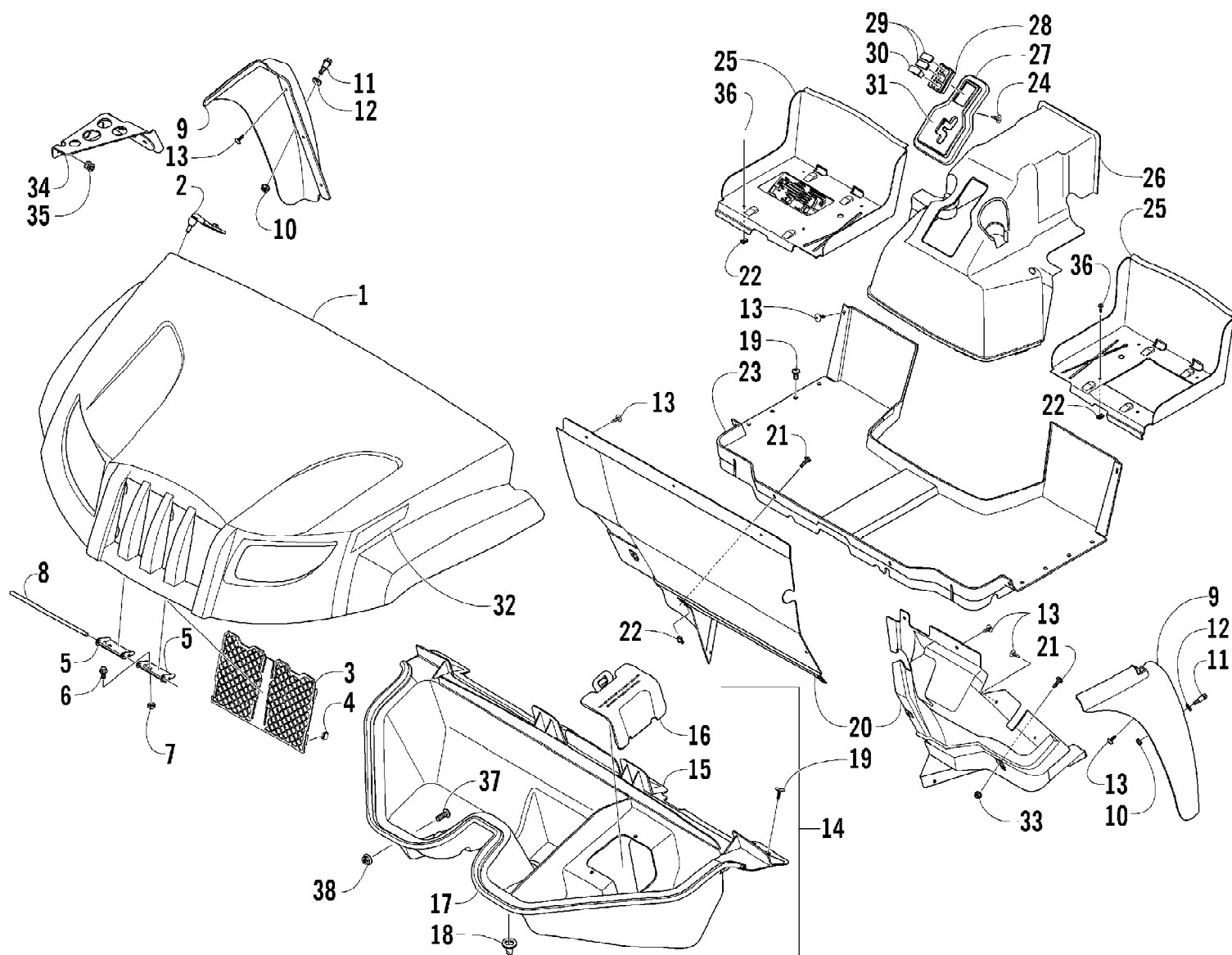
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 35 of 93
FRAME AND RELATED PARTS



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FRAME AND RELATED PARTS

Ref #	Part Number	Qty	S/P/F	Description
1	1506-723	1	S	Frame, Main
2	1506-453	1		Bumper
3	8409-020	2	/P	Screw, Cap
4	8427-002	2		Nut, Flange Lock
5	8476-820	6		Screw, Machine
6	1506-672	1		Bumper
7	0423-505	4		Screw, Shoulder
8	8050-342	8		Washer
9	8051-277	4	/P	Washer, Spring Lock
10	8424-802	4		Nut, Flange Lock
11	1506-797	1		Bracket, Steering Support - Right
11	0502-853	1		Bracket, Steering Support - Left
12	8427-802	18		Nut, Flange Lock
13	0423-642	12		Screw, Machine
14	1506-774	1		Support, Overhead - Right
14	1506-775	1		Support, Overhead - Left
15	1506-844	1		Bracket, Seat - Support - Front Right
15	1506-845	1		Bracket, Seat - Support - Front Left
16	8408-870	6		Screw, Cap
17	8476-820	6		Screw, Machine
18	1506-842	2		Bracket, Seat - Support - Rear
19	8408-850	6		Screw, Cap
20	1406-753	1		Shield, Heat
21	0623-784	5		Screw, Self-Tapping
22	1506-835	1		Support, Canopy
23	1406-720	1		Panel, Belly
24	1406-721	2		Panel, Belly - Side
25	0423-545	20	/P	Screw, Body
26	0509-034	1	S	Headlight Assembly - Right (inc. 27)
26	0509-035	1		Headlight Assembly - Left (inc. 27)
27	0409-055	4		Bulb, Headlight
28	0423-513	2		Knob, Adjuster
29	0423-522	2		Spring, Adjuster
30	0423-514	2		Stud, Adjuster - Headlight
31	0623-785	4		Screw, Self-Tapping
32	8050-217	8	/P	Washer
33	0423-447	4		Grommet
34	1506-796	1	S	Support, Steering
35	0623-544	16		Plug
36	1406-883	2		Pad, Armrest
37	0423-577	4		Clip, U
38	8476-616	4		Screw, Machine

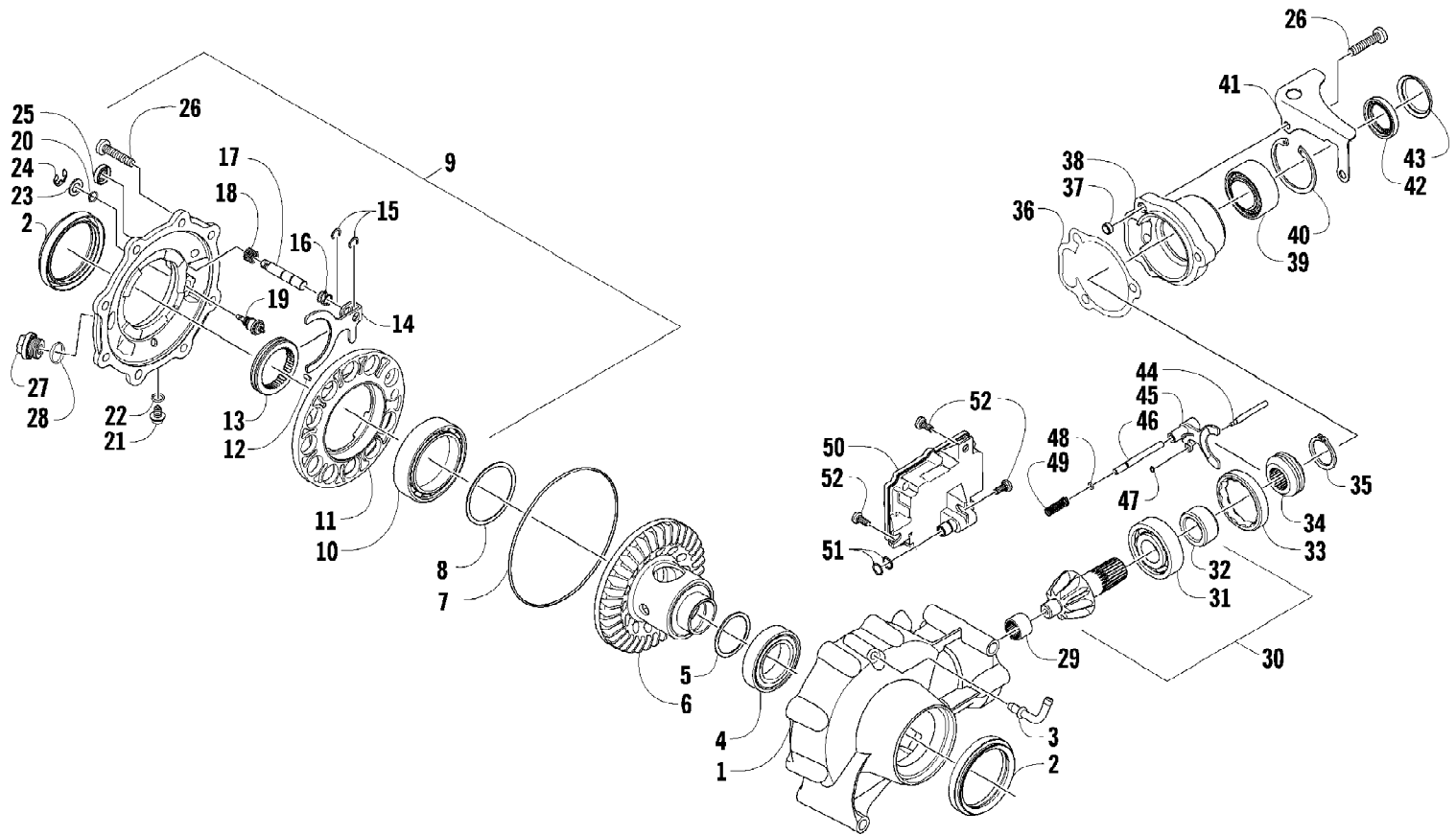
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 37 of 93
FRONT BODY PANEL ASSEMBLY



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FRONT BODY PANEL ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1406-759	1	S	Hood
2	2606-624	2		Strap, Hold-Down
3	1406-733	1	/P	Screen, Grille
4	0123-987	8		Clip, U
5	1506-798	2		Bracket, Hood
6	8408-020	4		Screw, Cap
7	0423-157	4		Nut, Top-Lock
8	1406-915	1		Pin, Hood
9	1406-798	1		Fender, Front - Right
9	1406-797	1		Fender, Front - Left
10	1623-066	2		Nut, Lock
11	0623-855	2		Screw, Dome-Head Shoulder
12	8050-217	2	/P	Washer
13	0623-784	24		Screw, Self-Tapping
14	1506-715	1	S	Storage, Under-Hood - Assembly (inc. 15-18)
15	1406-945	1		Box, Storage - Under-Hood
16	1406-944	1		Cover, Access - Master Cylinder
17	1406-946	1		Seal, Storage Box
18	0470-442	1	/P	Valve, Air Cleaner
19	0423-545	12	/P	Screw Body - Self-Tapping
20	1406-632	1		Panel, Fender - Inner - Left
20	1406-633	1	S	Panel, Fender - Inner - Right
21	8468-620	6	/P	Screw, Machine
22	0423-577	13		Clip, U
23	1406-634	1	S	Floor
24	0423-342	3	/P	Screw, Self-Tapping
25	1406-854	1		Base, Seat - Right
25	1406-869	1		Base, Seat - Left
26	1406-649	1		Console, Center
27	1406-825	1		Gate, Shift
28	0409-069	1		Panel, Switch-Mount
29	0409-070	2		Plug, Switch-Hole
30	0409-071	1		Switch, Reverse Override
31	1411-195	1		Decal, Shift-Gate
32	0411-818	1		Decal, Reflector - Front - Right
32	0411-819	1		Decal, Reflector - Front - Left
33	0423-540	1		Nut
34	2506-066	1		Bracket, Support - Right
34	2506-067	1		Bracket, Support - Left
35	0423-447	2		Grommet
36	8476-620	8		Screw, Machine
37	8476-616	2		Screw, Machine
38	8424-602	2	/P	Nut

2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 39 of 93
FRONT DRIVE GEARCASE ASSEMBLY



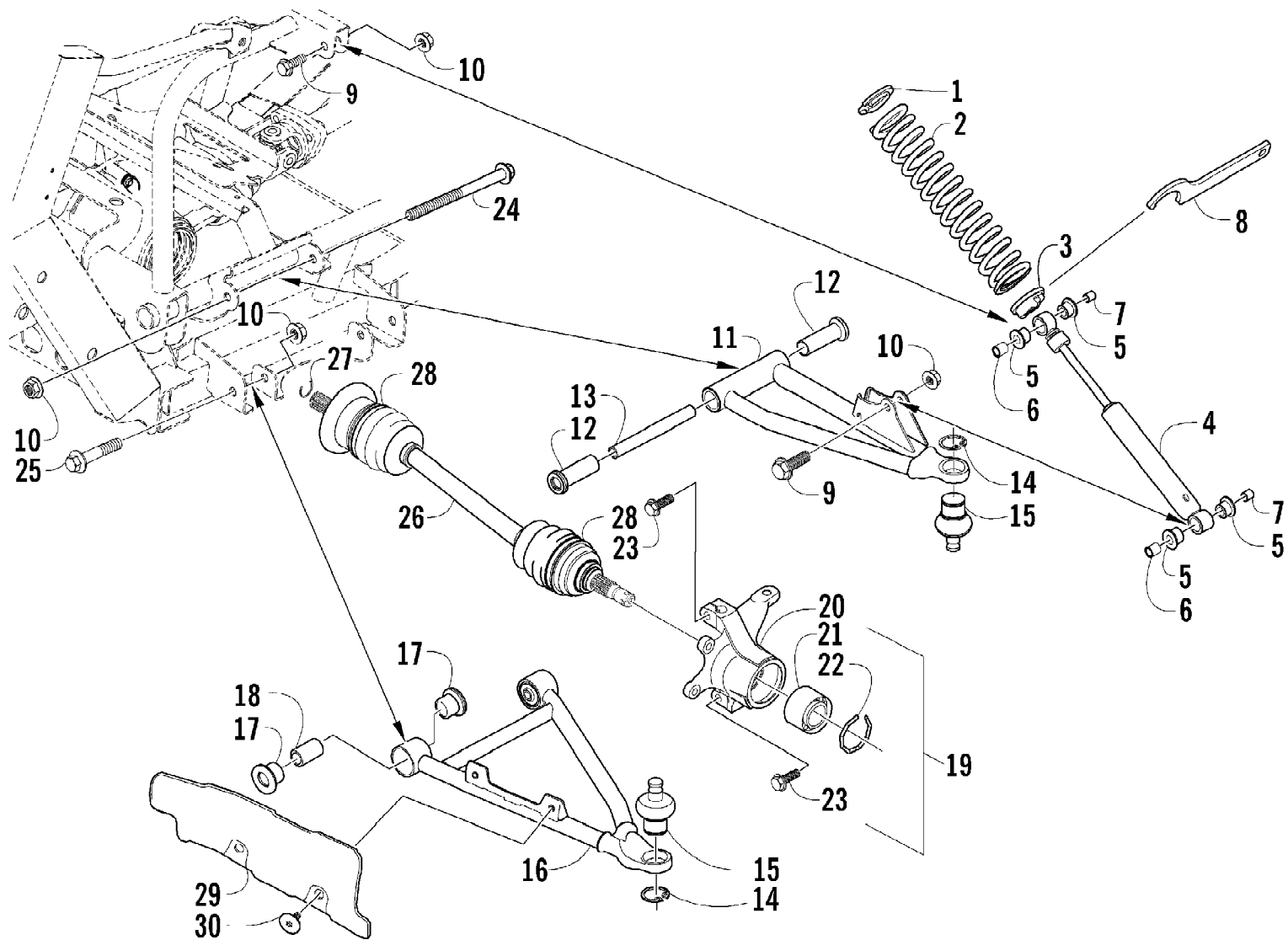
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 FRONT DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	0502-737	1		Complete Front Drive Gearcase Assembly
1	0502-548	1		Housing, Gearcase
2	0402-394	2	S	Seal
3	1402-442	1		Fitting
4	0402-393	1		Bearing
5	0402-402	AR		Shim
5	0402-403	AR		Shim
5	0402-404	AR		Shim
6	0502-650	1	S	Gear, Front - Assembly - 36T
7	0423-149	1		O-Ring
8	1402-074	AR		Shim
8	1402-075	AR		Shim
8	1402-076	AR		Shim
8	1402-077	AR		Shim
8	1402-078	AR		Shim
9	0502-736	1		Cover, Gearcase (inc. one No. 2 and 10-25)
10	1402-053	1		Bearing
11	0502-413	1		Flange, Bearing
12	1402-079	1		Pin
13	1402-042	1		Collar, Sliding
14	1402-054	1		Fork
15	1402-058	2		Ring, Retaining
16	1402-057	1		Spring
17	1402-055	1		Shaft, Lock
18	1402-063	1		Spring
19	0402-419	1		Switch, Indicator
20	0423-133	1		O-Ring
21	1402-210	1	/P	Plug, Drain (inc. 22)
22	0423-153	1		O-Ring
23	0423-132	1		Washer
24	0423-424	1		Ring, Retaining
25	1402-056	1		Seal
26	0423-118	11		Screw, Self-Tapping
27	0402-333	1	/P	Plug, Oil Level (inc. 28)
28	0423-154	1		O-Ring
29	0402-328	1		Bearing, Needle
30	0502-649	1		Gear, Pinion - Assembly - 9T (inc. 31-32)
31	0402-327	1		Bearing
32	0402-336	1		Collar, Retaining
33	0402-357	1		Collar, Lock
34	0402-413	1		Coupler, Drive
35	0423-417	1		Ring, Retaining
36	0402-947	1		Gasket
37	0402-411	1		Pin, Dowel
38	0502-952	1	S	Housing, Pinion
39	1402-043	1		Bearing
40	0423-423	1		Ring, Retaining
41	0502-347	1		Bracket, Actuator
42	1402-011	1		Seal
43	1402-168	1		Deflector
44	0402-997	1		Shaft, Selector
45	0402-998	1		Fork, Selector
46	0402-417	1		Shaft, Shuttle

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FRONT DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
47	0423-402	1		Ring, Retaining
48	0423-147	1		O-Ring
49	0402-999	1		Spring, Return
50	0502-579	1		Actuator (inc. one No. 51)
51	0423-498	2	S	O-Ring
52	0423-396	3		Screw, Self-Tapping

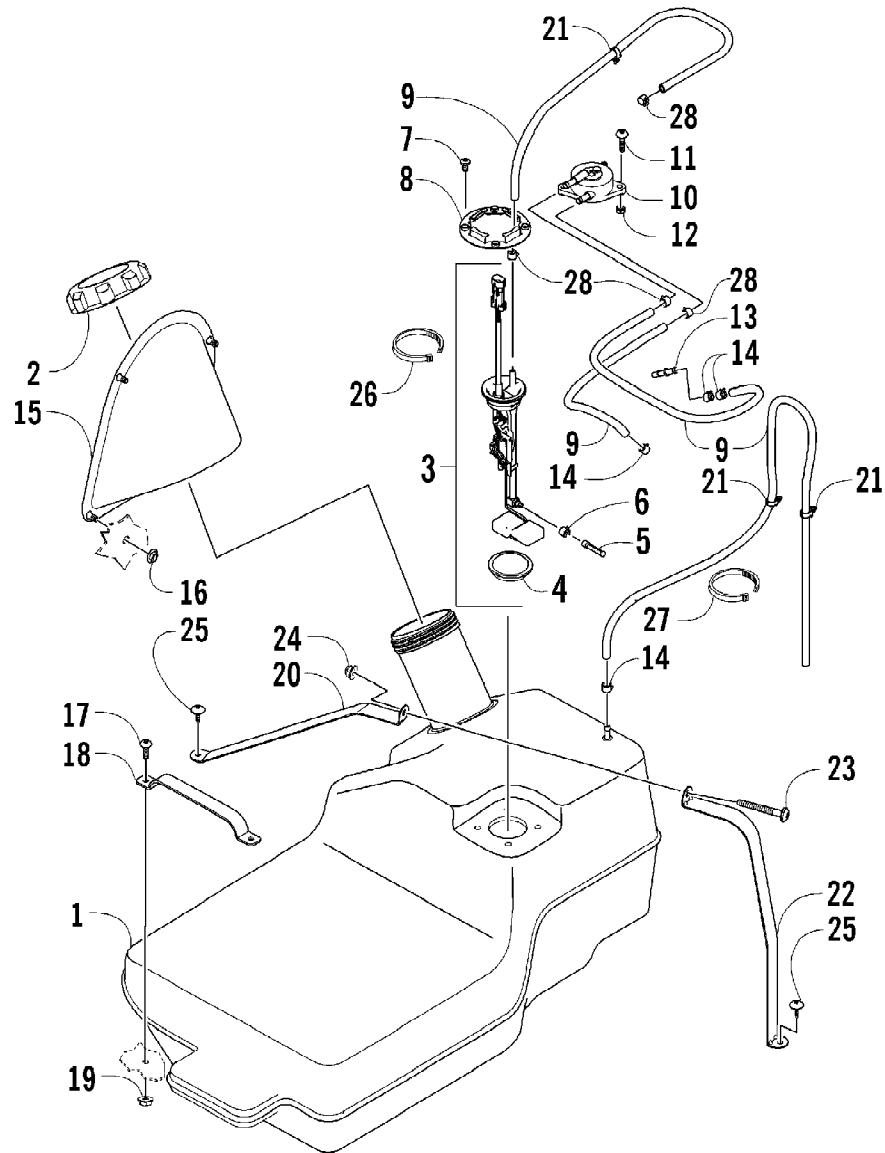
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FRONT SUSPENSION ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
FRONT SUSPENSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1603-889	2	/P	Retainer, Spring
2	0403-161	2		Spring, Shock Absorber
3	0403-102	2		Cam, Spring Adjuster
4	0403-147	2		Shock Absorber - Front (inc. 5-6)
5	0603-955	8		Bushing
6	1603-209	4		Sleeve
7	0404-116	4		Sleeve, Shock
8	0441-587	1		Wrench, Spanner
9	8409-040	4		Screw, Cap
10	8428-002	10		Nut, Lock
11	0503-196	1	S	A-Arm, Upper Right (inc. 12-15)
11	0503-197	1		A-Arm, Upper Left (inc. 12-15)
12	0403-081	4	S	Bushing
13	0403-080	2		Collar
14	0423-009	4	/P	Clip, Ball Joint
15	0405-115	4	/P	Ball Joint - Front
16	0503-220	1		A-Arm, Lower Right (inc. 14-15 and 17-18)
16	0503-221	1		A-Arm, Lower Left (inc. 14-15 and 17-18)
17	0403-115	8	S	Bushing
18	0403-114	4	S	Collar
19	0505-468	1	S	Knuckle - Assembly - Right (inc. 20-22)
19	0505-469	1	S	Knuckle - Assembly - Left (inc. 20-22)
20	*	1		Knuckle, Steering - Right
20	*	1		Knuckle, Steering - Left
21	1402-027	2	S/P	Bearing, Wheel Hub
22	0423-423	2		Ring, Retaining
23	8409-030	4		Screw, Cap
24	0423-334	2		Screw, Cap
25	8409-075	4		Screw, Cap
26	0502-734	1	S	Axle - Front - Right - Lock (inc. 27-28)
26	0502-733	1	S	Axle - Front - Left (inc. 27-28)
27	1441-109	2	S	Clip, Retaining
28	0436-276	2	S	Repair Kit, Boot - Front
29	0441-756	1		Guard, Boot - Right
29	0441-757	1		Guard, Boot - Left
30	0423-101	4		Screw, Body

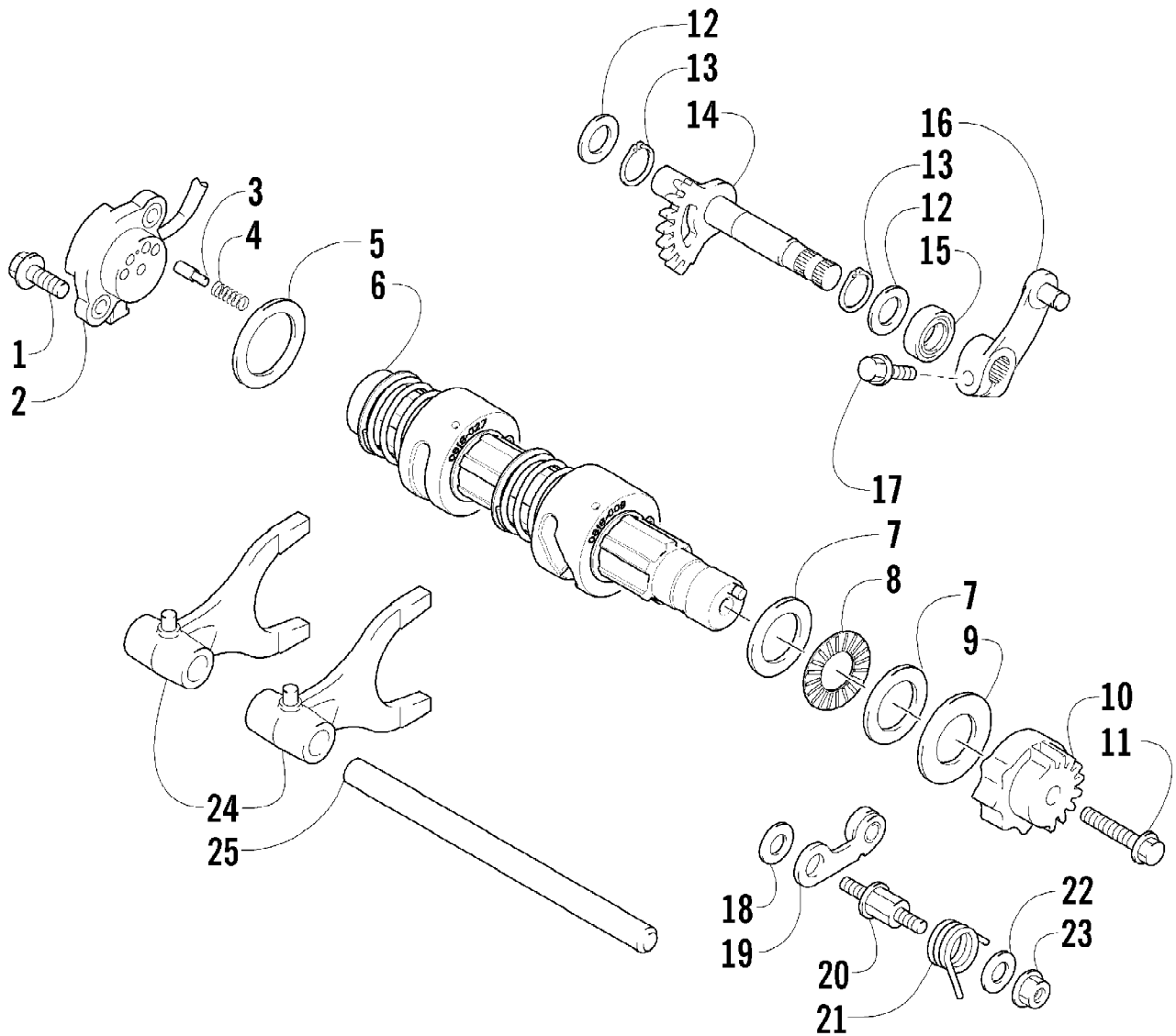
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 44 of 93
GAS TANK ASSEMBLY



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 GAS TANK ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0570-097	1	S	Tank, Gas - Assembly (inc. 2-8)
2	0470-541	1	/P	Cap, Gas Tank
3	0570-100	1	S	Sensor, Fuel Level (inc. 4-6)
4	0470-521	1		Seal, Fuel Level Sensor
5	0470-475	1		Filter, Fuel
6	0423-603	1		Clamp, Hose
7	1623-158	4		Screw, Plastite
8	0470-546	1	S	Plate, Mounting - Fuel Level Sensor
9	0410-070	AR	/P	Hose, Gasline - 25 ft
10	0470-519	1	S	Pump, Fuel
11	8476-620	2		Screw, Machine
12	0623-038	2		Nut, Lock
13	0470-527	1	S	Fitting, Straight
14	1623-233	4		Clamp, Hose
15	1406-886	1		Inset, Fuel Cap
16	0423-357	4		Nut, Stamped
17	8476-625	2		Screw, Machine
18	0470-544	1		Bracket, Gas Tank Mounting
19	8424-602	2	/P	Nut
20	0570-127	1		Strap, Gas Tank
21	1623-406	3		Clip, Routing
22	0570-128	1		Strap, Gas Tank
23	8476-650	1		Screw, Machine
24	8427-602	1		Nut, Hex
25	0623-784	2		Screw, Self-Tapping
26	0123-788	1	/P	Cable Tie - 7.5 in.
27	0123-811	1		Cable Tie - 4 in.
28	0423-461	4	S	Clamp, Hose

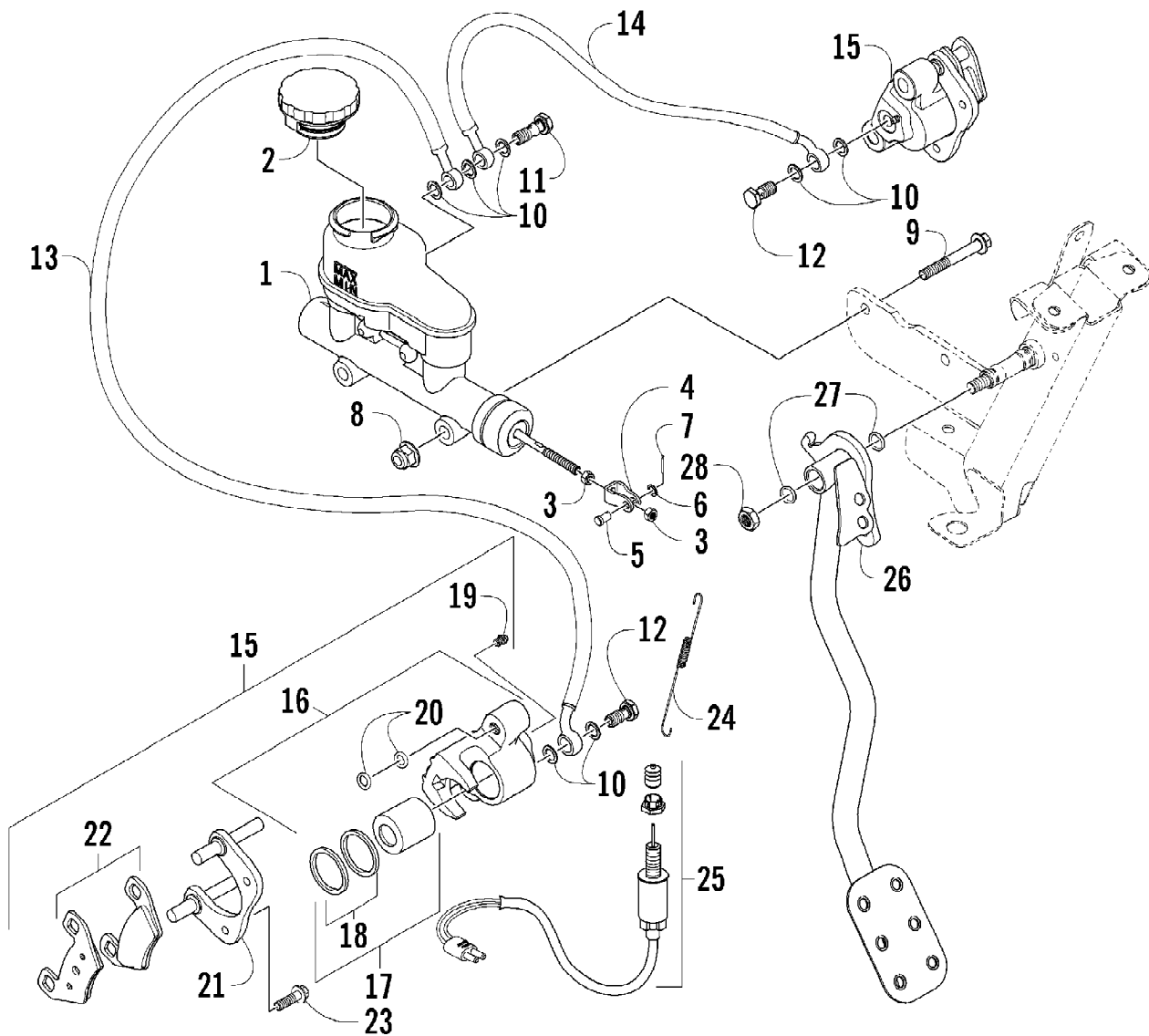
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GEAR SHIFTING ASSEMBLY



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GEAR SHIFTING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	8470-520	2		Screw, Machine
2	0818-049	1	S	Base, Gear Shift - Assembly
3	0818-013	2		Contact
4	0818-017	2		Spring
5	0828-040	1		Washer, Shift Shaft
6	0818-046	1		Shaft, Gear Shift - Assembly
7	0828-067	2		Washer, Shift Shaft
8	0832-034	1	S	Bearing
9	0828-037	1		Washer, Gear Shift Cam Plate
10	0818-005	1	S	Plate, Gear Shift Cam
11	0826-006	1		Bolt, Gear Shift Cam Plate
12	0828-036	2		Washer, Sub-Gear Shift Shaft
13	0831-010	2		Circlip, Sub-Gear Shift Shaft
14	0818-007	1	/P	Shaft, Sub-Gear Shift
15	0830-044	1		Seal, Sub-Gear Shift Shaft
16	0818-014	1		Arm, Select
17	8468-620	1	/P	Screw, Machine
18	0828-038	1		Washer, Cam Stopper
19	0818-002	1		Stopper, Cam
20	0818-004	1		Support, Cam Stopper
21	0818-028	1		Spring, Cam Stopper
22	0828-035	1		Washer, Cam Stopper Spring
23	8424-602	1	/P	Nut, Cam Stopper Spring
24	0818-045	2	S	Fork, Shift
25	0818-006	1		Shaft, Shift Fork

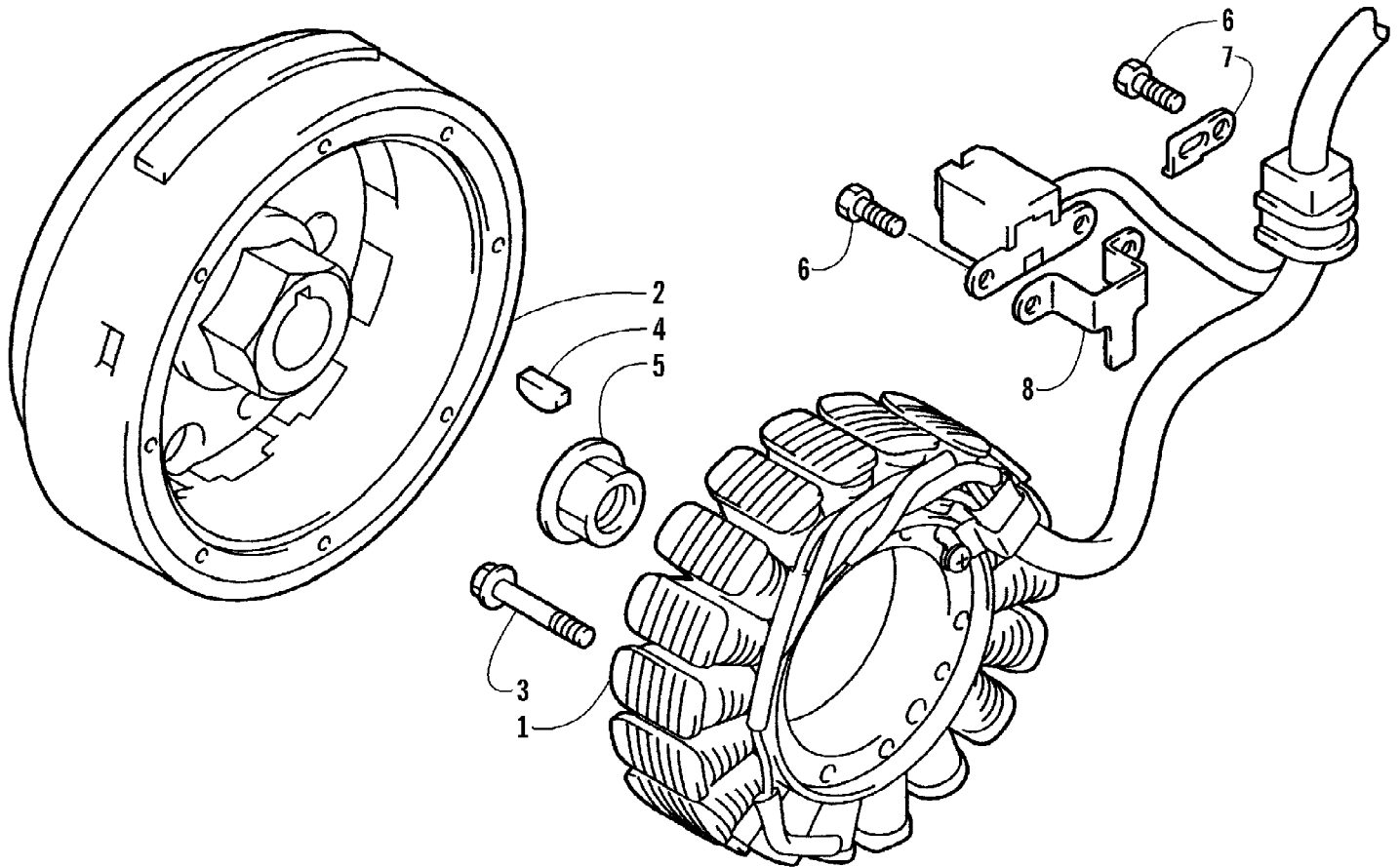
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HYDRAULIC BRAKE ASSEMBLY



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HYDRAULIC BRAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-786	1		Cylinder, Master Brake - Assembly (inc. 2-4)
2	0405-225	1		Cap, Brake Fluid Reservoir
3	0402-592	2		Nut, Clevis
4	1402-520	1		Clevis
5	1402-377	1		Pin, Clevis
6	8050-217	1	/P	Washer
7	0402-584	1		Pin, Cotter
8	8424-802	2		Nut
9	8408-860	2		Screw, Cap
10	0423-178	7		Washer, Crush
11	0423-610	1		Bolt, Double Banjo Fitting
12	0423-413	2		Bolt, Banjo Fitting
13	1402-389	1		Hose, Brake - Front
14	1402-290	1		Hose, Brake - Front Right
15	0502-958	1	S	Caliper, Brake - Right Front (inc. 16-22)
15	0502-959	1	S	Caliper, Brake - Left Front (inc. 16-22)
16	0502-603	1	S	Housing, Caliper - Assembly - Right Front (inc. 17-19)
16	0502-611	1	S	Housing, Caliper - Assembly - Left Front (inc. 17-19)
17	0502-606	2		Piston/Seal Set (inc. 18)
18	0502-607	2		Seal Set
19	0502-609	3	/P	Valve, Bleed
20	0502-608	2		O-Ring, Guide - Set
21	0502-960	2		Bracket Assembly
22	0502-875	2	S	Pad, Brake - Set
23	8408-825	4		Screw, Cap
24	0502-785	1		Spring, Brake Switch
25	0409-072	1		Switch, Brake - Assembly
26	1502-042	1	/P	Lever, Brake
27	1602-213	2	/P	O-Ring
28	8428-002	1		Nut

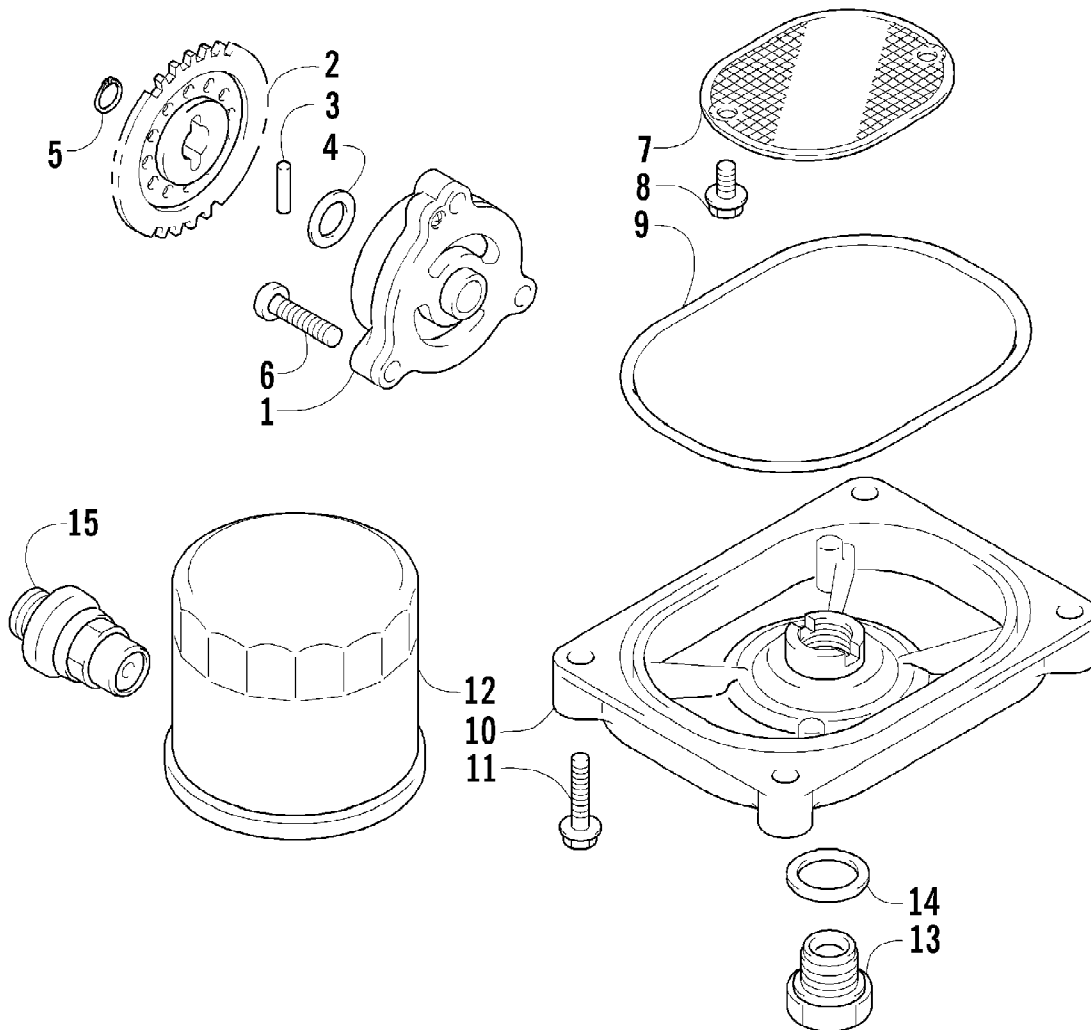
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MAGNETO ASSEMBLY



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MAGNETO ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0802-037	1		Stator - Assembly
2	0802-036	1		Rotor/Flywheel
3	0826-102	3		Screw, Machine
4	0829-012	1		Key
5	0827-014	1		Nut
6	8470-510	3		Screw, Machine
7	0802-015	1		Clamp - No. 1
8	0802-016	1		Clamp - No. 2

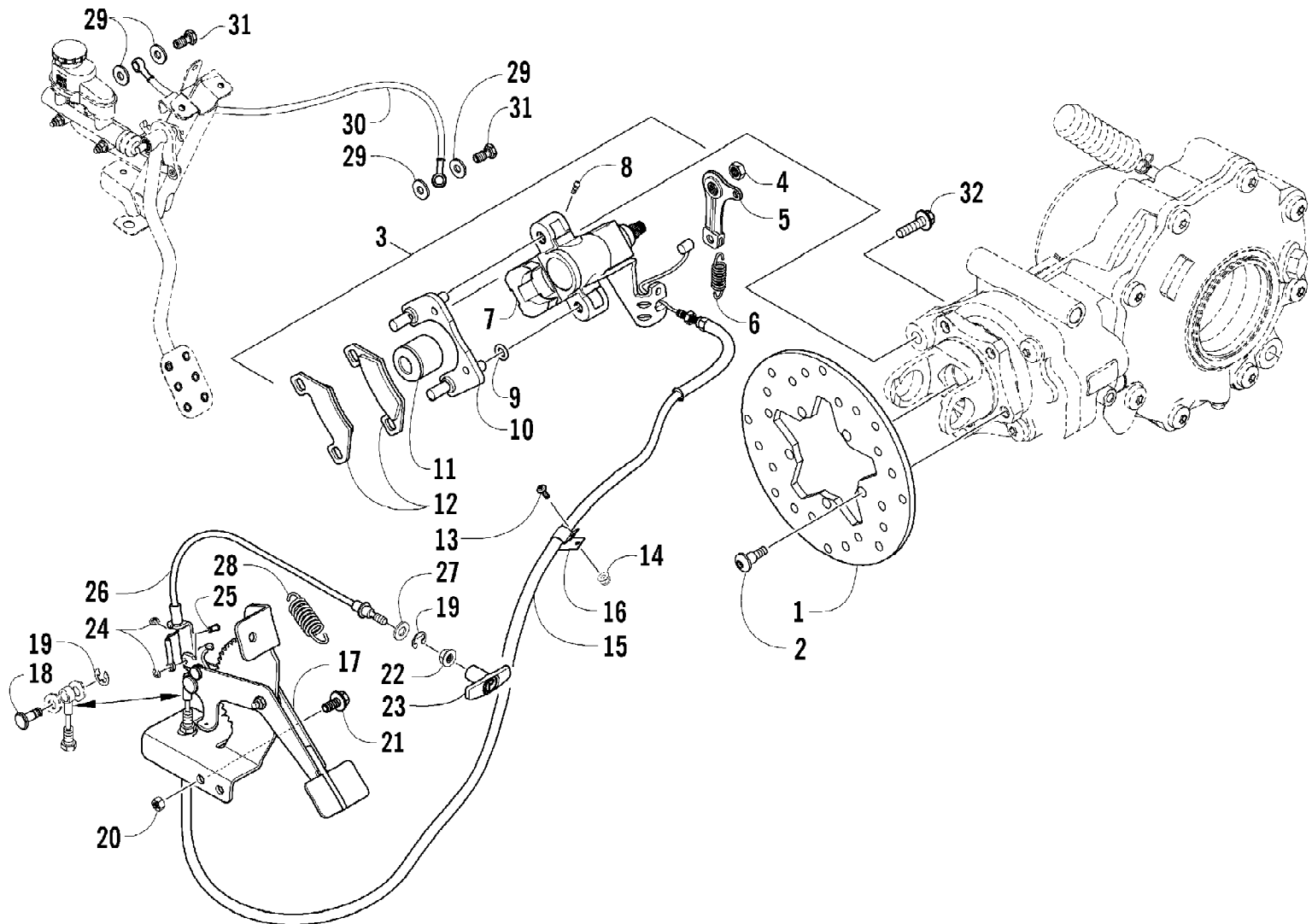
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OIL FILTER/PUMP ASSEMBLY



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OIL FILTER/PUMP ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0812-023	1		Pump, Oil
2	0812-002	1	S	Gear, Driven
3	0829-009	1		Pin
4	0828-007	1	/P	Washer
5	0831-002	1		Circlip
6	0826-039	3		Screw, Cap
7	0812-003	1	S	Strainer, Oil
8	0826-040	2		Screw, Machine
9	0830-023	1		O-Ring
10	0812-004	1		Cap, Oil Strainer
11	8468-625	4		Screw, Machine
12	0812-029	1	S	Filter, Oil
13	0812-006	1		Plug, Drain
14	0830-017	1		Gasket, Drain Plug
15	0812-007	1		Valve, Oil Relief - Assembly

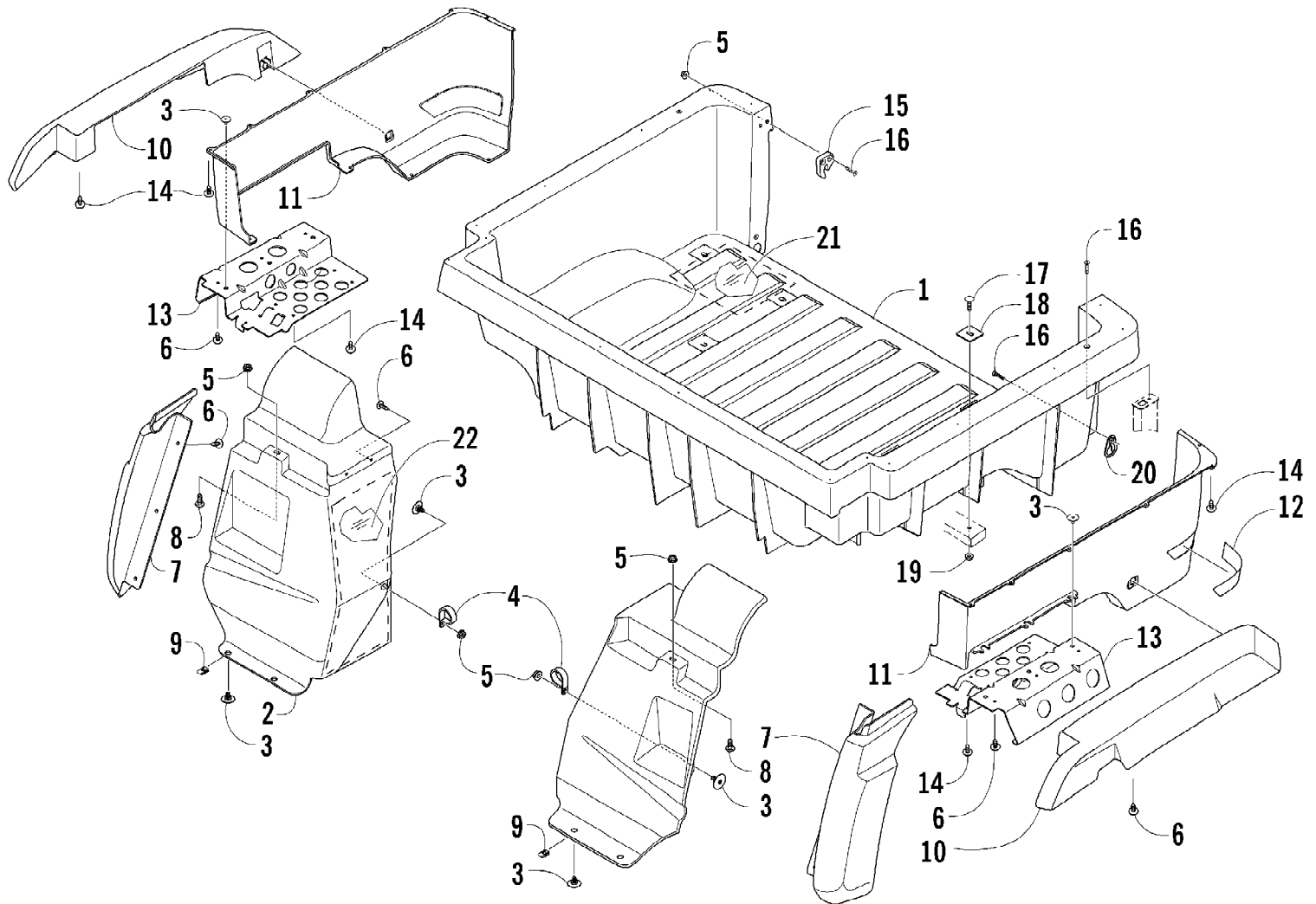
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 54 of 93
REAR AND PARKING BRAKE ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
 REAR AND PARKING BRAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1402-547	1		Rotor
2	0423-557	5		Screw, Shoulder
3	0502-986	1	S	Brake Assembly (inc. 4-12)
4	0502-988	1		Nut
5	0502-984	1		Lever, Actuator
6	0502-985	1		Spring
7	0	1	F	Housing, Caliper
8	0502-609	1	/P	Valve, Bleed
9	0	2	F	O-Ring, Brake Caliper
10	0502-605	1		Bracket Assembly
11	0	2	F	Piston
12	0502-875	2	S	Pad, Brake
13	8468-620	1	/P	Screw, Machine
14	0423-540	1		Nut, Flange
15	0487-036	1		Cable, Parking Brake
16	0423-666	1		Clamp, Cable
17	1502-309	1	/P	Brake, Parking - Assembly (inc. 18 and 25)
18	0	1	F	Pin
19	0423-668	1		E-Clip
20	8424-802	3		Nut, Flange
21	8408-816	3		Screw, Cap
22	8424-602	1	/P	Nut
23	1502-024	1	/P	Knob, Parking Brake
24	0423-667	2		E-Clip
25	0	1	F	Pin
26	0487-043	1	S	Cable, Brake Release
27	0623-044	1		Washer
28	1502-026	1		Spring
29	0423-178	4		Washer, Crush
30	1402-388	1		Hose, Brake
31	0423-413	2		Bolt, Banjo Fitting
32	8408-835	2		Screw, Cap

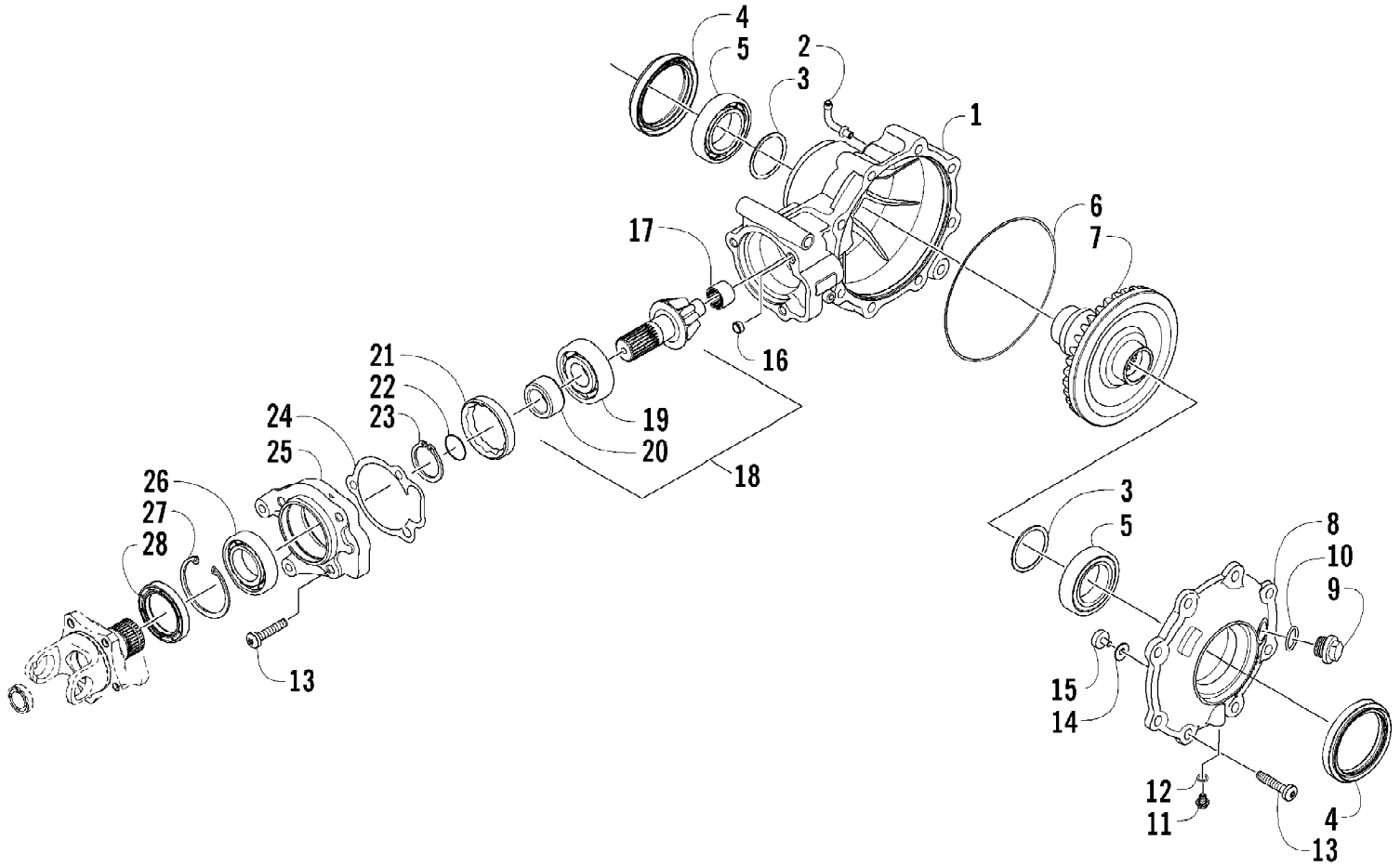
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 56 of 93
REAR BODY PANEL AND CARGO BOX ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 57 of 93
 REAR BODY PANEL AND CARGO BOX ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1406-763	1	S	Box, Rear Cargo
2	2406-070	1		Panel, Splash - Rear - Right
2	2406-071	1		Panel, Splash - Rear - Left
3	0423-101	12		Screw, Body
4	0423-403	2		Clamp, Tube
5	8424-602	8	/P	Nut, Hex
6	0623-784	20		Screw, Self-Tapping
7	1406-802	1		Fender, Rear - Lower - Right
7	1406-801	1		Fender, Rear - Lower - Left
8	8476-616	2		Screw, Machine
9	0423-577	4		Clip, U
10	1406-800	1	S	Fender, Rear - Upper - Right
10	1406-799	1	S	Fender, Rear - Upper - Left
11	1406-762	1	/P	Panel, Box - Right
11	1406-761	1	/P	Panel, Box - Left
12	1411-128	1		Decal, Reflector - Rear - Right
12	1411-129	1		Decal, Reflector - Rear - Left
13	1506-776	1		Bracket, Fender Support - Right
13	1506-777	1		Bracket, Fender Support - Left
14	0423-342	28	/P	Screw, Self-Tapping
15	1406-928	1		Striker, Tailgate - Left
15	1406-929	1		Striker, Tailgate - Right
16	8474-630	8		Screw, Machine
17	0423-623	8		Bolt, Carriage
18	1506-933	8		Plate, Retainer
19	8424-802	8		Nut, Hex
20	1506-539	1		Bracket, Tailgate
21	0412-391	1		Shield, Heat - Rear Cargo Box
22	0412-392	1		Shield, Heat - Rear Splash Panel - Right

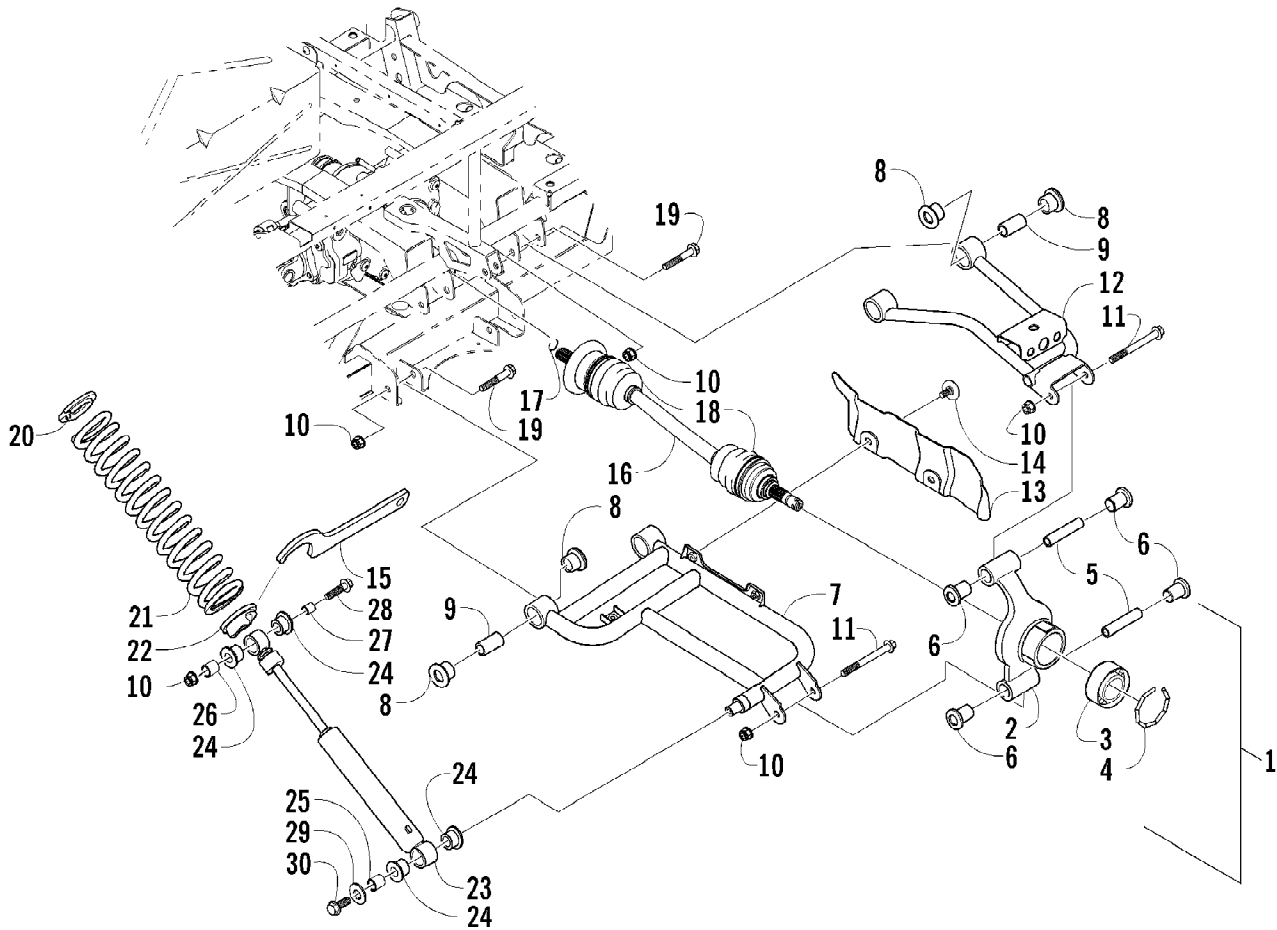
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
REAR DRIVE GEARCASE ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 59 of 93
 REAR DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	0502-738	1		Complete Rear Drive Gearcase Assembly
1	0502-548	1		Housing, Gearcase
2	1402-442	1		Fitting, 90°
3	0402-405	AR		Shim
3	0402-406	AR		Shim
3	0402-407	AR		Shim
3	0402-408	AR		Shim
3	0402-409	AR		Shim
4	0402-394	2	S	Seal
5	0402-393	2		Bearing
6	0423-149	1		O-Ring
7	1402-245	1		Gear, Rear - 36T
8	0502-741	1		Cover, Gearcase
9	0402-333	1	/P	Plug, Fill (inc. 10)
10	0423-154	1		O-Ring
11	0402-450	1	S	Plug, Magnetic (inc. 12)
12	0423-153	1		O-Ring
13	0423-118	11		Screw, Self-Tapping
14	0402-431	AR		Shim
15	0402-326	1		Button, Thrust
16	0402-411	1		Pin, Dowel
17	0402-328	1		Bearing
18	0502-649	1		Gear, Pinion - Assembly - 9T (inc. 19-20)
19	0402-327	1		Bearing
20	0402-336	1		Collar, Retaining
21	0402-357	1		Collar, Lock
22	0423-633	1		O-Ring
23	0423-546	1		Ring, Retaining
24	0402-947	1		Gasket
25	0502-746	1		Housing, Pinion
26	0402-324	1		Bearing
27	0402-347	1		Ring, Retaining
28	1402-314	1		Seal

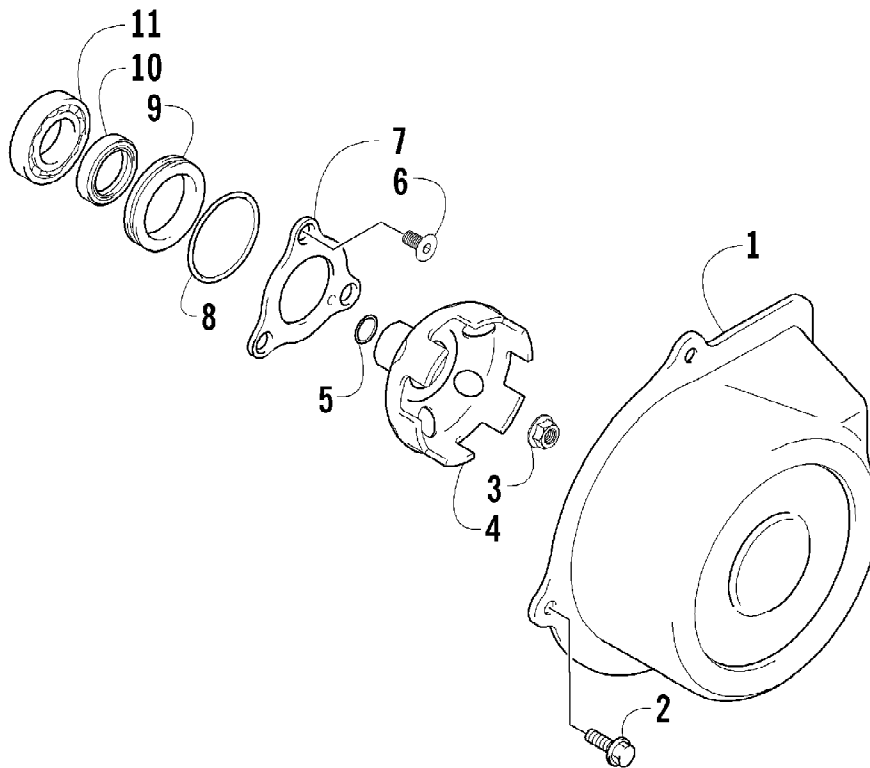
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 60 of 93
REAR SUSPENSION ASSEMBLY



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 REAR SUSPENSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0504-389	2	S	Knuckle, Rear - Assembly (inc. 2-6)
2	*	2		Knuckle
3	1402-027	2	S/P	Bearing, Wheel Hub
4	0423-423	2		Ring, Retaining
5	0403-038	4	S/P	Collar, Suspension Bushing
6	0403-032	8	S	Bushing, Suspension
7	0504-402	1		A-Arm, Rear - Lower Right (inc. 8-9)
7	0504-403	1		A-Arm, Rear - Lower Left (inc. 8-9)
8	0403-115	16	S	Bushing
9	0403-114	8	S	Collar
10	8428-002	14		Nut, Lock
11	8409-000	4		Screw, Cap
12	0504-358	1	S	A-Arm, Rear - Upper Right (inc. 8-9)
12	0504-359	1	S	A-Arm, Rear - Upper Left (inc. 8-9)
13	0441-758	1		Guard, Boot - Right
13	0441-759	1		Guard, Boot - Left
14	0423-101	4		Screw, Body
15	0441-587	1		Wrench, Spanner
16	0502-740	2	S	Axle, Drive (inc. 17-18)
17	0441-893	2	S	Clip, Retaining
18	0436-276	2	S	Repair Kit, Boot - Rear
19	8409-075	8		Screw, Cap
20	1603-889	2	/P	Retainer, Spring
21	0404-117	2		Spring, Suspension
22	0404-057	2		Cam, Spring Adjuster
23	0404-115	2		Shock Absorber - Rear (inc. 24-26)
24	0603-955	8		Bushing
25	1603-219	2	S	Sleeve, Shock
26	1603-209	2		Sleeve
27	0404-116	2		Sleeve, Shock Absorber
28	8409-040	2		Screw, Cap
29	0423-087	2		Washer
30	8408-820	2	/P	Screw, Cap

2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 62 of 93
RECOIL STARTER COVER ASSEMBLY



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 RECOIL STARTER COVER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0820-034	1	S	Starter, Recoil
2	0826-038	4		Screw, Machine
3	0827-008	1		Nut
4	0820-036	1	S	Cup, Starter
5	0830-108	1		O-Ring
6	0826-031	3		Screw
7	0805-008	1		Retainer, Oil Seal
8	0830-021	1	/P	O-Ring
9	0820-007	1		Spacer
10	0830-022	1		Seal, Oil
11	0832-006	1	S	Bearing

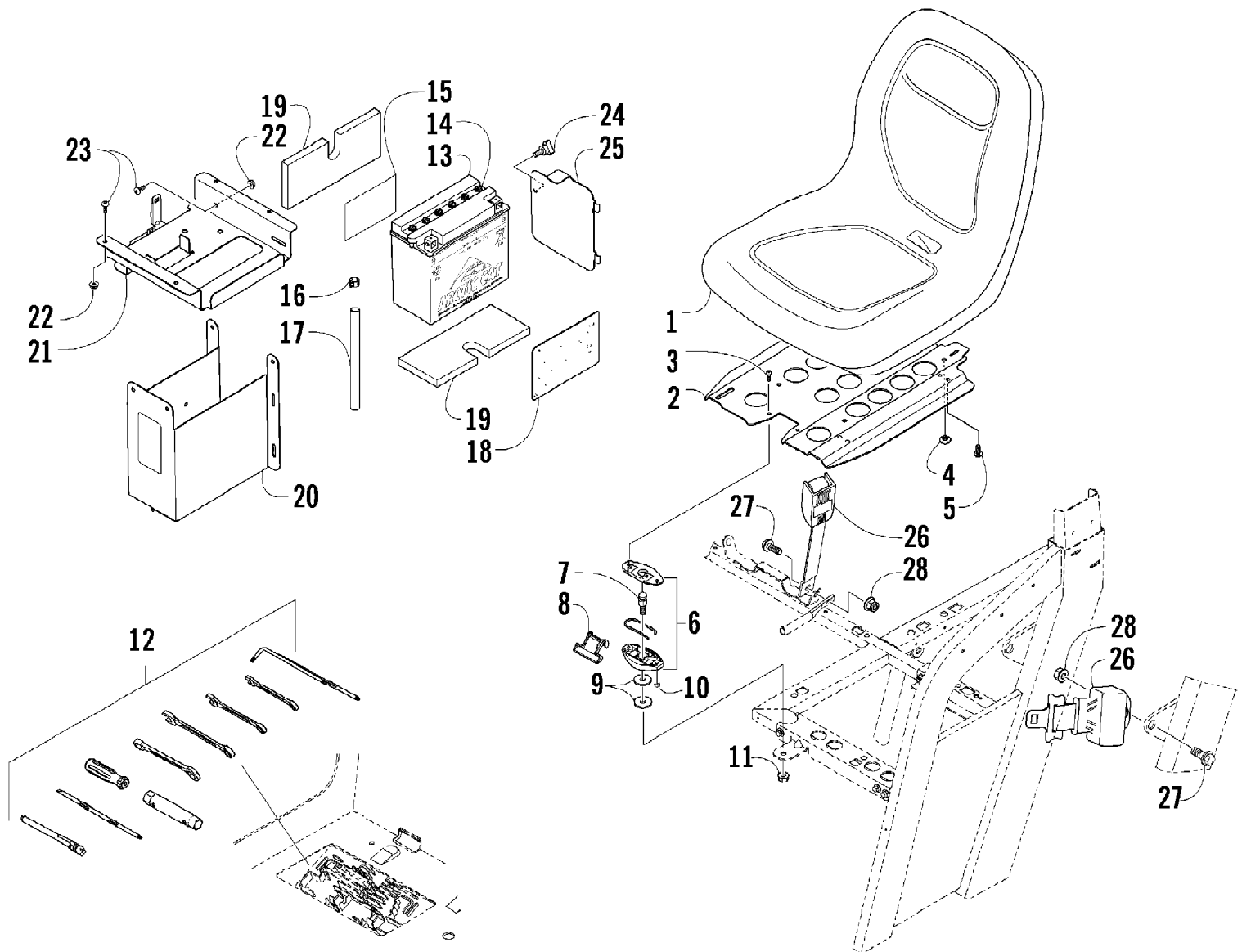
No
Diagram
Available

Parts List
Only

2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
 RELATED ITEMS

Ref #	Part Number	Qty	S/P/F	Description
	0436-715	1		Hitch Ball (2 in.)
	2257-464	1		Manual, Illustrated Parts
	2257-301	1		Manual, Operator's (E)
	2257-320	1		Manuel d'utilisation (F)
	0436-831	1		Mower - Finish (42 in.)
	0436-830	1		Mower - Finish (63 in.)
	0436-832	1		Mower - Rough (42 in.)
	0436-796	1		SpeedRack Mount Rail
	0436-836	1		Sprayer - 45 gal.
	0436-818	1		Cab Enclosure Doors
	0436-817	1	S	Cab Enclosure Rear Panel
	0436-816	1		Cab Enclosure Roof
	0436-820	1	S	Cab Enclosure - Complete
	0436-801	1		Box Lift
	0436-772	1	S	Bumper, Front
	0436-839	1		Cab Enclosure Support - Roof/Windshield
	0436-821	1	S	Winch, 3000 lb
	0436-799	1		Windscreen
	0436-815	1		Cab Enclosure Windshield
	0436-035	1	S	Engine Heater
	0436-800	1		Gun Scabbard Mount
	0436-608	1		Hitch
	0436-716	1		Hitch Ball (1 7/8 in.)

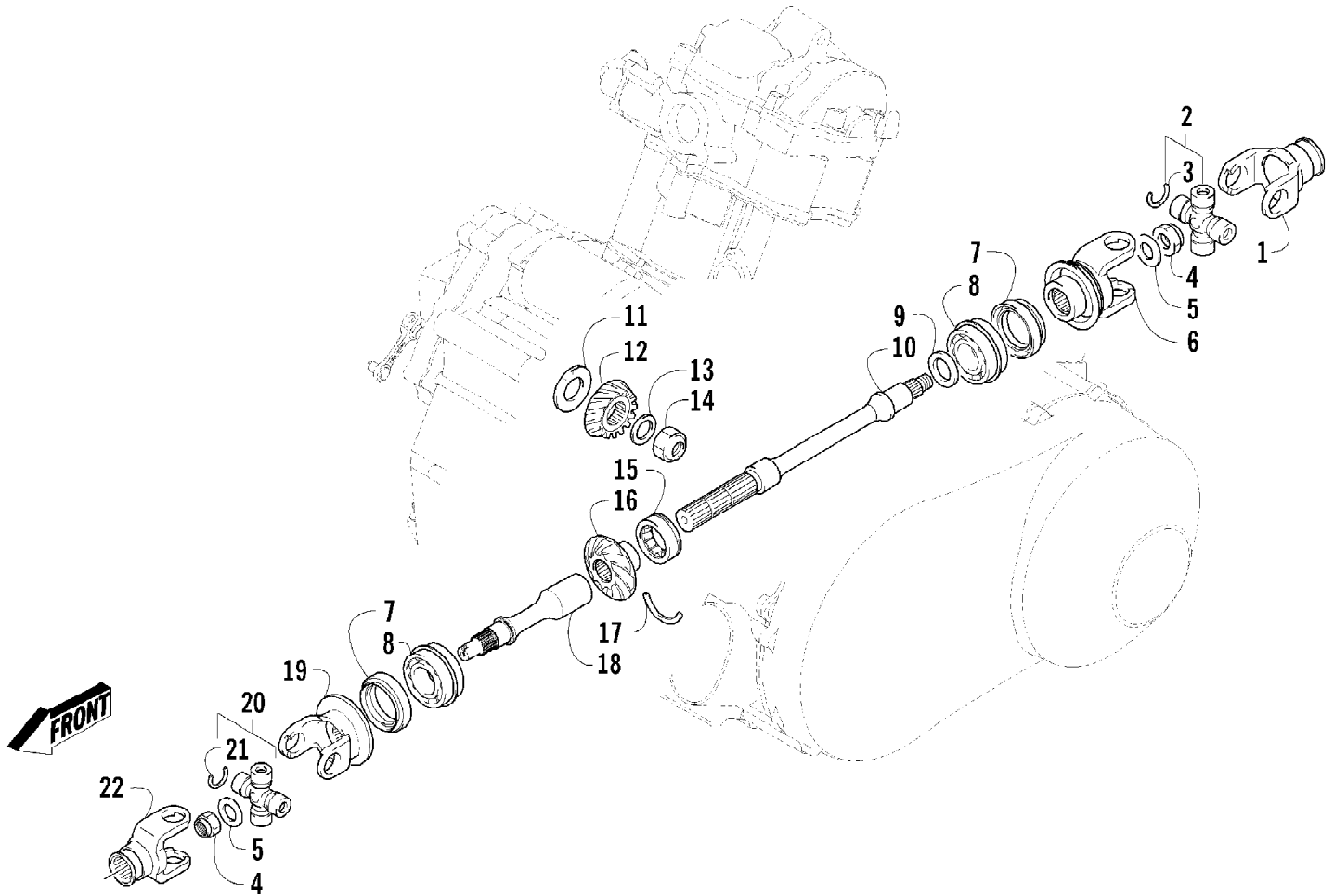
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 66 of 93
SEAT, BATTERY, AND TOOL KIT ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 67 of 93
SEAT, BATTERY, AND TOOL KIT ASSEMBLY

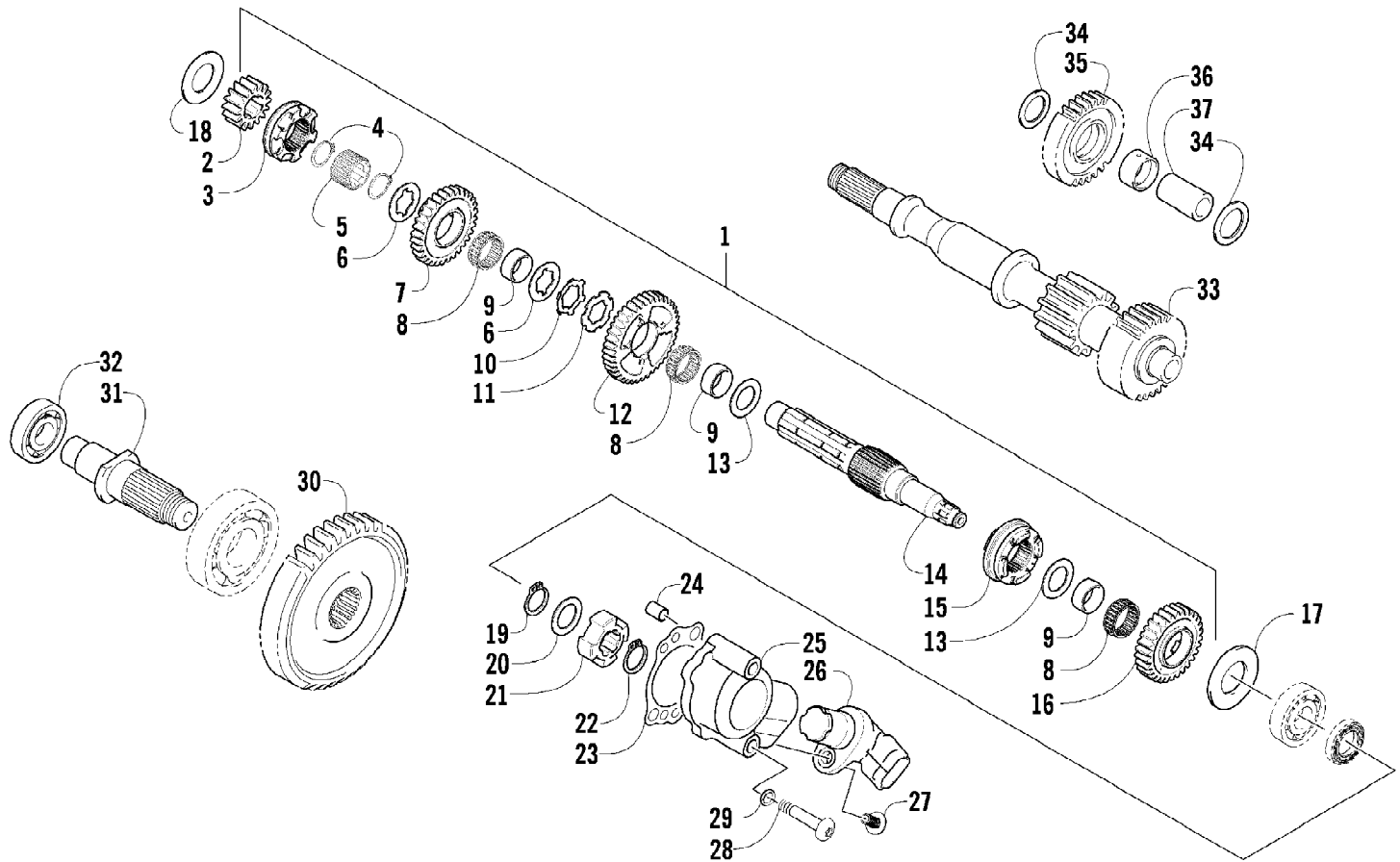
Ref #	Part Number	Qty	S/P/F	Description
1	1506-925	2		Seat, Low-Back
2	1506-763	2	S	Plate, Base - Seat
3	8468-620	4	/P	Screw, Machine
4	0406-877	8	/P	Bumper, Seat
5	8468-820	8		Screw, Machine
6	0506-685	2	S	Latch - Assembly
7	0423-559	2		Stud, Latch - Seat
8	2606-854	2	S	Lever, Release - Seat Latch
9	0423-073	4		Washer
10	0623-038	4		Nut, Hex
11	0423-120	2		Nut, Wheel
12	1506-852	1	S	Base, Seat/Tools - Assembly
13	0745-059	1	/P	Battery - Assembly (inc. 14-17)
14	0645-246	6	S	Cap, Battery
15	0645-151	1		Label, Warning - Battery
16	0645-152	1		Clamp, Hose
17	0645-263	1	/P	Hose, Battery Vent
18	0406-380	1		Pad, Battery
19	0406-227	2		Pad, Battery
20	1506-841	1		Box, Battery
21	1506-840	1		Panel, Electrical
22	8424-602	8	/P	Nut, Flange
23	8476-616	8		Screw, Machine
24	0423-456	1	/P	Screw, Thumb
25	1506-839	1		Cover, Battery Box
26	1506-853	2	S	Belt, Seat
27	8408-025	4		Screw, Cap
28	8427-002	4		Nut

2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) ~~Page~~ 68 of 93
SECONDARY DRIVE ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 69 of 93
 SECONDARY DRIVE ASSEMBLY

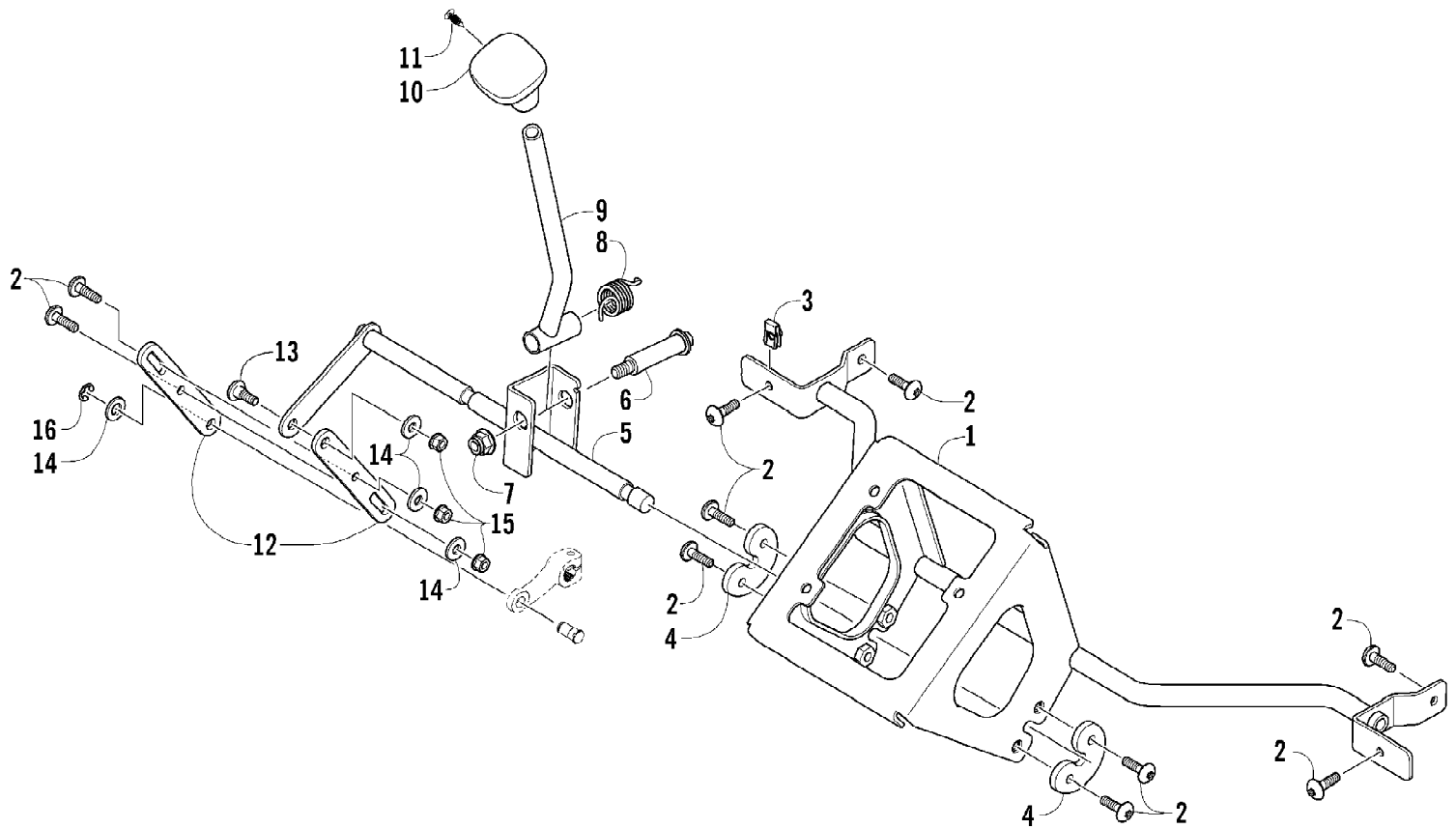
Ref #	Part Number	Qty	S/P/F	Description
1	0502-829	1		Yoke, Propeller Shaft Joint
2	1402-462	1	S	Joint, Universal - Set (inc. 3)
3	0423-395	4		Retainer, Cross
4	0827-013	2		Nut, Rear Output Joint
5	0828-020	2		Washer, Rear Output Flange
6	0502-828	1		Yoke, Drive Output
7	0830-043	2		Seal, Oil - Driven Shaft
8	0832-017	2		Bearing, Driven Shaft
9	0828-021	AR		Shim, 25 x 34 x 0.25 mm
9	0828-022	AR		Shim, 25 x 34 x 0.30 mm
9	0828-023	AR		Shim, 25 x 34 x 0.70 mm
9	0828-024	AR		Shim, 25 x 34 x 0.90 mm
9	0828-025	AR		Shim, 25 x 34 x 0.95 mm
9	0828-026	AR		Shim, 25 x 34 x 1.00 mm
9	0828-027	AR		Shim, 25 x 34 x 1.05 mm
9	0828-028	AR		Shim, 25 x 34 x 1.10 mm
9	0828-029	AR		Shim, 25 x 34 x 1.15 mm
10	0819-003	1	S	Shaft, Secondary Driven
11	0828-030	AR		Shim, 24 x 48 x 0.25 mm
11	0828-031	AR		Shim, 24 x 48 x 0.30 mm
11	0828-032	AR		Shim, 24 x 48 x 0.35 mm
11	0828-033	AR		Shim, 24 x 48 x 0.90 mm
11	0828-018	AR		Shim, 24 x 48 x 0.95 mm
11	0828-062	AR		Shim, 24 x 48 x 1.00 mm
11	0828-063	AR		Shim, 24 x 48 x 1.05 mm
11	0828-064	AR		Shim, 24 x 48 x 1.10 mm
11	0828-065	AR		Shim, 24 x 48 x 1.15 mm
12	0819-001	1		Gear, Secondary Drive
13	0828-019	1		Washer
14	0827-012	1		Nut
15	0832-016	1		Bearing, Driven Gear
16	0819-002	1		Gear, Secondary Driven
17	0819-011	1		Ring, Driven Bearing
18	0819-053	1		Shaft, Secondary Driven
19	0819-061	1		Yoke, Drive Output
20	1402-463	1	S	Joint, Universal - Set (inc. 21)
21	0423-450	4		Retainer, Universal Joint
22	0819-063	1		Yoke, Propeller Shaft



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 71 of 93
 SECONDARY TRANSMISSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0822-048	1		Countershaft Assembly (inc. 2-16)
2	0822-008	1		Gear, Drive - No. 2
3	0822-014	1		Dog, Reverse Driven Gear
4	0831-011	2		Circlip
5	0822-045	1		Spacer, Reverse Driven Gear
6	0828-008	2		Washer
7	0822-013	1		Gear, Reverse Driven
8	0832-011	3		Bearing
9	0822-005	3		Bushing
10	0828-014	1		Washer, Lock
11	0828-015	1		Washer, Lock
12	0822-004	1		Gear, Driven - Low
13	0822-046	2		Washer, Driven Gear
14	0822-003	1		Countershaft
15	0822-007	1		Dog, Sliding
16	0822-006	1		Gear, Driven - High
17	0828-011	1		Washer, Drive Gear
18	0828-010	1		Washer, Drive Gear
19	0831-040	1		Ring, Retaining
20	0828-069	1		Washer, Thrust
21	0822-050	1		Trigger, Speedometer Sensor
22	0831-039	1		Ring, Retaining
23	0830-129	1		Gasket
24	0829-023	2		Pin, Dowel
25	0822-049	1		Housing, Speedometer Sensor
26	0824-015	1	S	Sensor, Speedometer
27	8468-620	1	/P	Screw, Machine
28	8468-645	2		Screw, Machine
29	0830-107	2		Seal, Fastener
30	0822-009	1		Gear, Driven - No. 2
31	0822-037	1	S	Shaft, Output
32	0832-014	1	S	Bearing
33	0822-001	1		Driveshaft
34	0828-016	2		Washer, Reverse Idle Gear
35	0822-011	1		Gear, Reverse Idle
36	0822-012	1		Bushing, Reverse Idle Gear
37	0822-015	1		Shaft, Reverse Idle

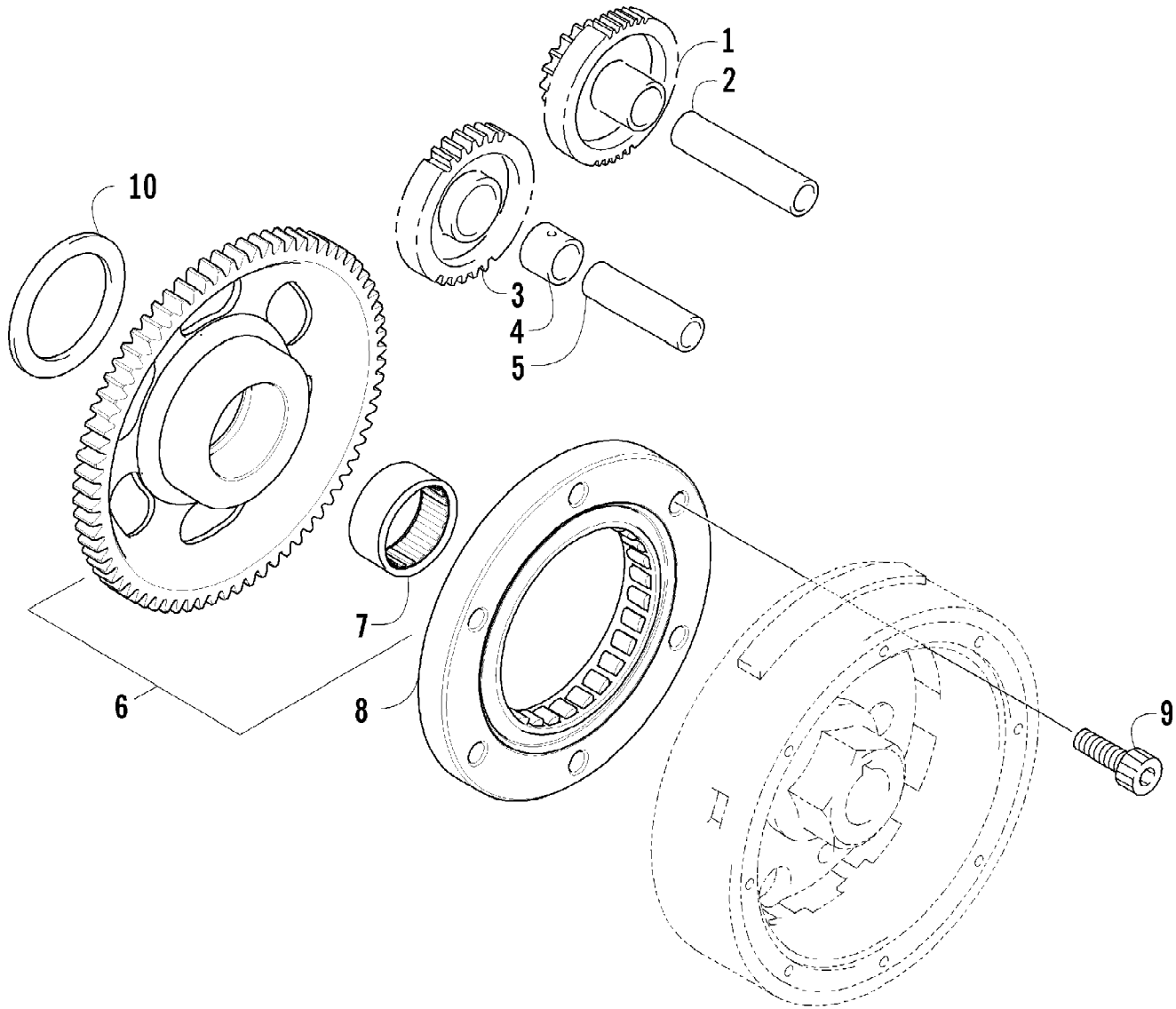
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 72 of 93
SHIFTING ASSEMBLY



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SHIFTING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-525	1		Mount, Shift
2	8476-616	10		Screw, Machine
3	0423-577	4		Clip, U
4	1402-275	2		Retainer, Shift Linkage
5	1506-811	1		Axle, Shift
6	0423-505	1		Screw, Shoulder
7	8424-802	1		Nut, Flange
8	1402-269	1		Spring, Shift
9	1506-810	1	S	Lever, Shift
10	0402-843	1	/P	Knob, Shift
11	0623-269	1		Clip, Retainer
12	2406-031	1		Linkage, Shift
13	0423-355	1		Screw, Shoulder
14	0623-094	4		Washer
15	8424-602	3	/P	Nut, Flange
16	0124-057	1	/P	E-Ring

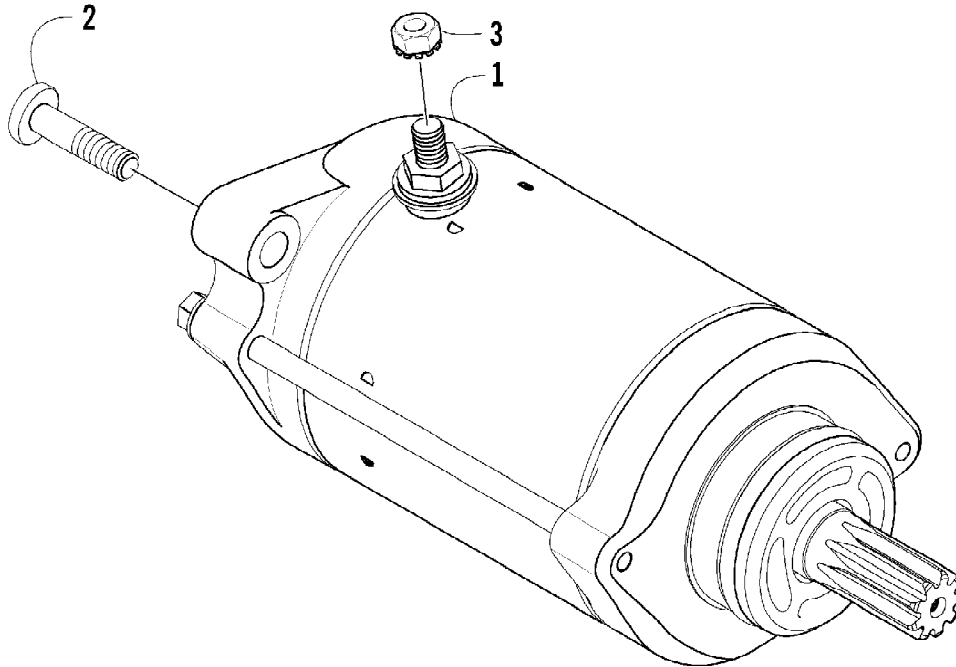
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) ~~Page~~ 74 of 93
STARTER CLUTCH ASSEMBLY



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 STARTER CLUTCH ASSEMBLY

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

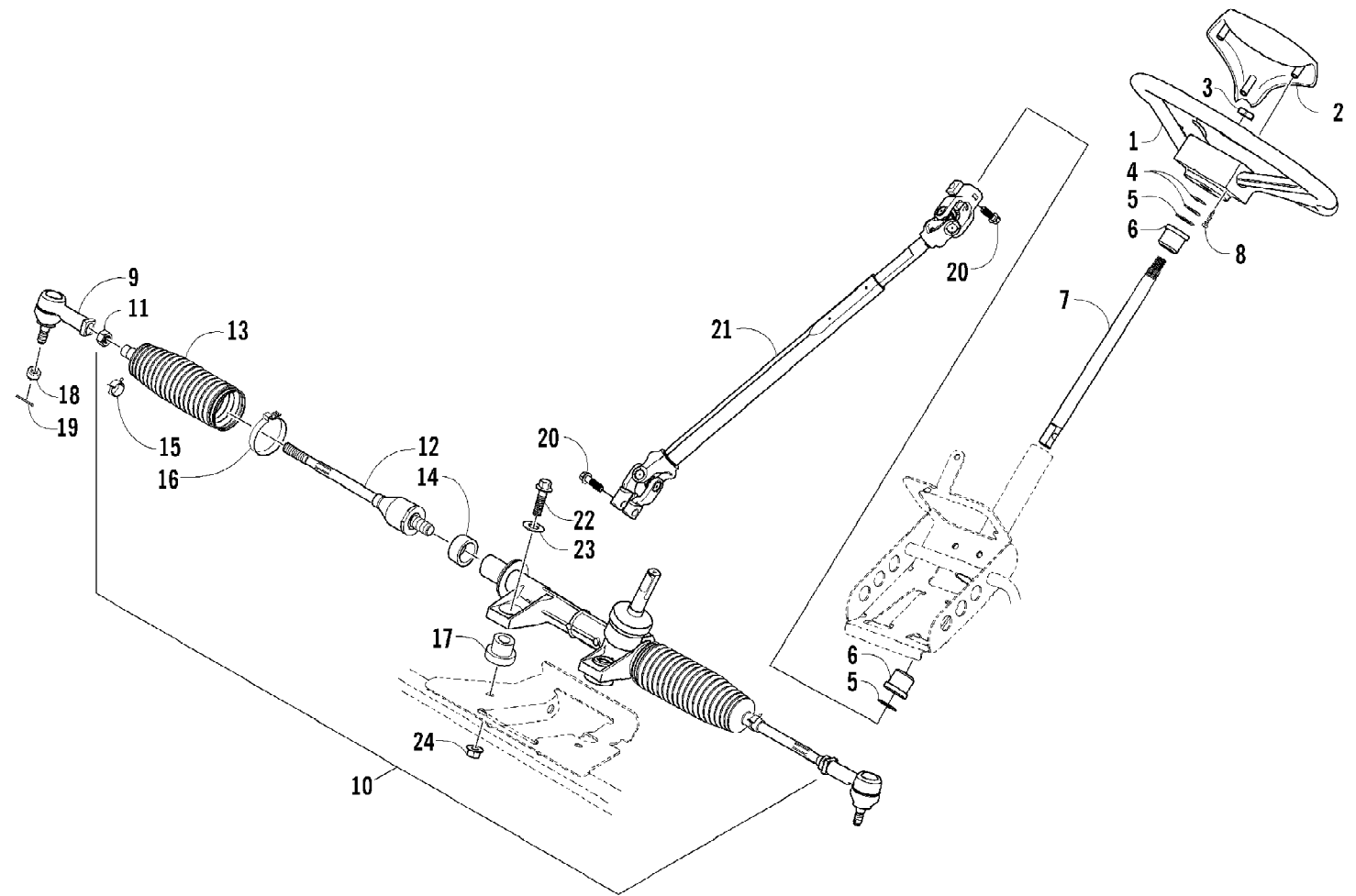
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STARTER MOTOR ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
STARTER MOTOR ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0825-001	1	S	Motor, Starter - Assembly
2	8468-630	2		Screw, Machine
3	0623-038	1		Nut w/Washer

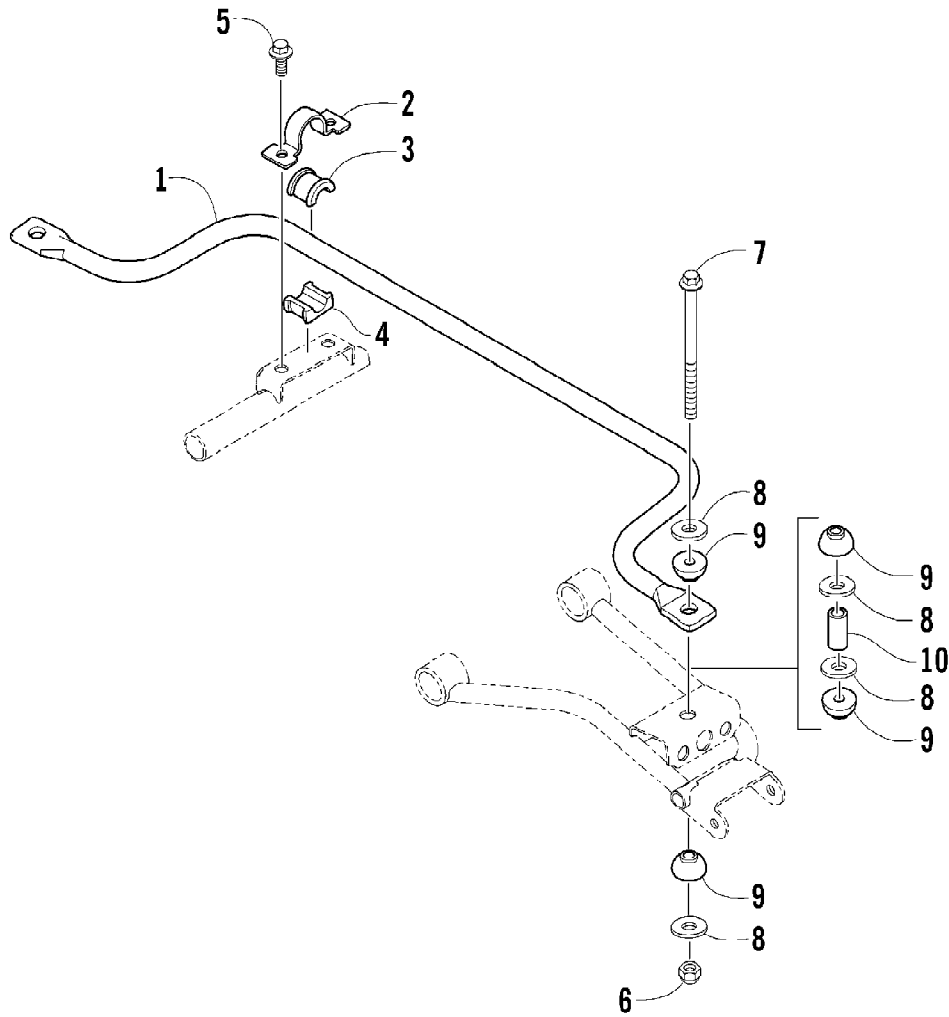
2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 78 of 93
STEERING POST ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ) Page 79 of 93
STEERING POST ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-884	1		Wheel, Steering - Assembly (inc. 2)
2	0405-239	1		Cover, Wheel
3	1670-477	1		Nut, Hex
4	0828-071	2		Washer
5	0423-558	2		Washer
6	0405-155	2		Bushing, Steering
7	0405-160	1	S	Shaft, Steering Wheel
8	0423-613	3		Screw, Self-Tapping
9	0405-205	2	S	End, Outer Tie Rod
10	0405-157	1	S	Housing, Rack and Pinion (inc. 11-17)
11	0423-622	2		Nut, Hex
12	0405-202	2	S	Tie Rod - Inner
13	0405-216	2		Boot, Rack
14	0405-206	2		Spacer, Rack
15	0405-236	2		Clamp, Tie Rod End
16	0405-237	2		Clamp, Boot
17	0405-238	2		Bushing
18	0423-072	2		Nut
19	0623-175	2		Pin, Cotter
20	0423-655	2		Bolt
21	0405-156	1		Shaft, Lower Steering - Assembly
22	8409-050	2		Screw, Cap
23	0623-728	2		Washer
24	8424-002	2		Nut, Flange

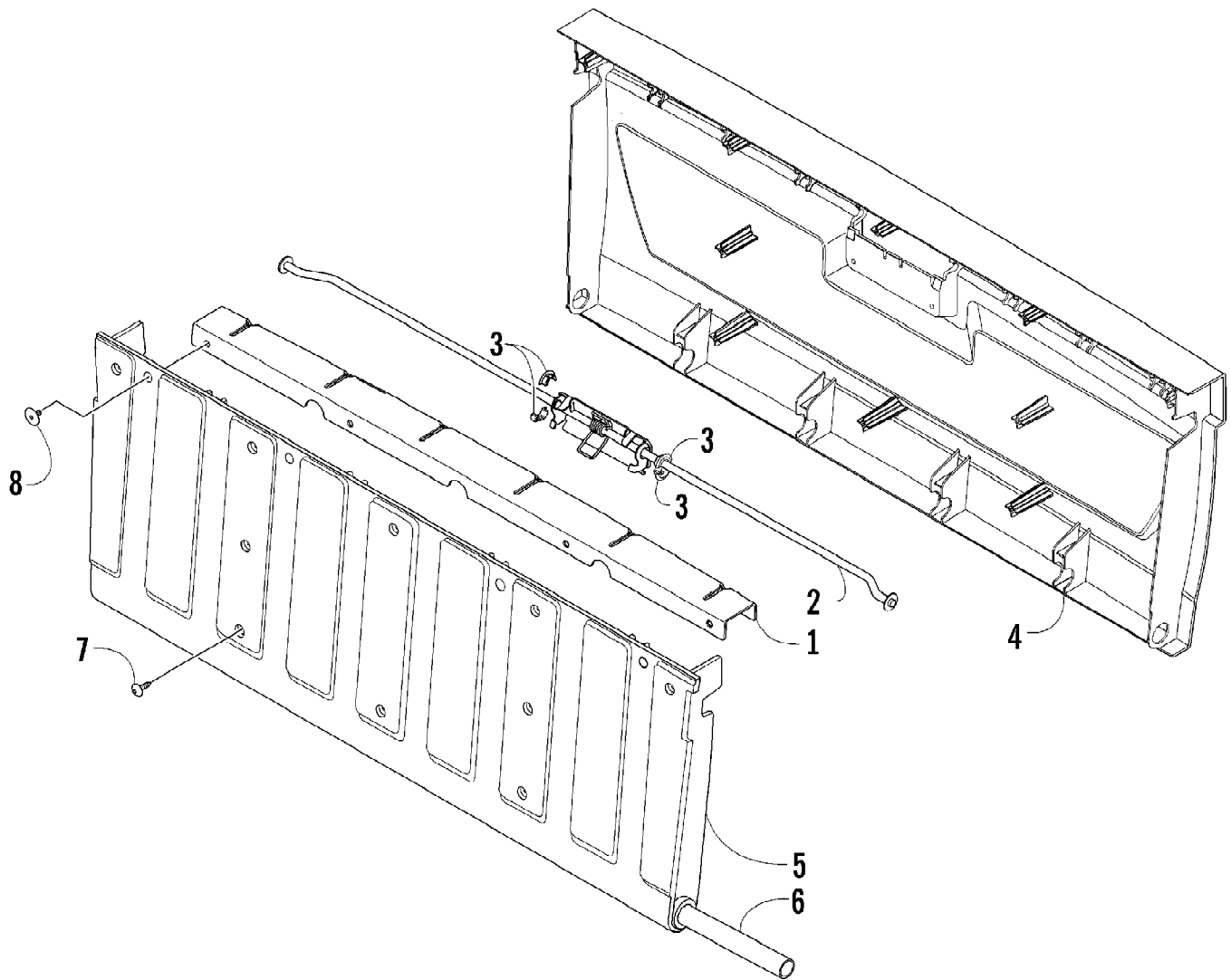
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SWAY BAR ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
 SWAY BAR ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0404-110	1		Bar, Sway - Assembly
2	0404-135	2		Clamp, Sway Bar Bushing
3	0404-094	2		Bushing, Sway Bar - Upper
4	0404-095	2		Bushing, Sway Bar - Lower
5	8409-016	4		Screw, Cap
6	8422-002	2		Nut
7	0423-335	2		Screw, Cap
8	0423-073	8		Washer
9	1402-434	8		Bushing, Sway Bar
10	0423-620	2		Spacer, Sway Bar

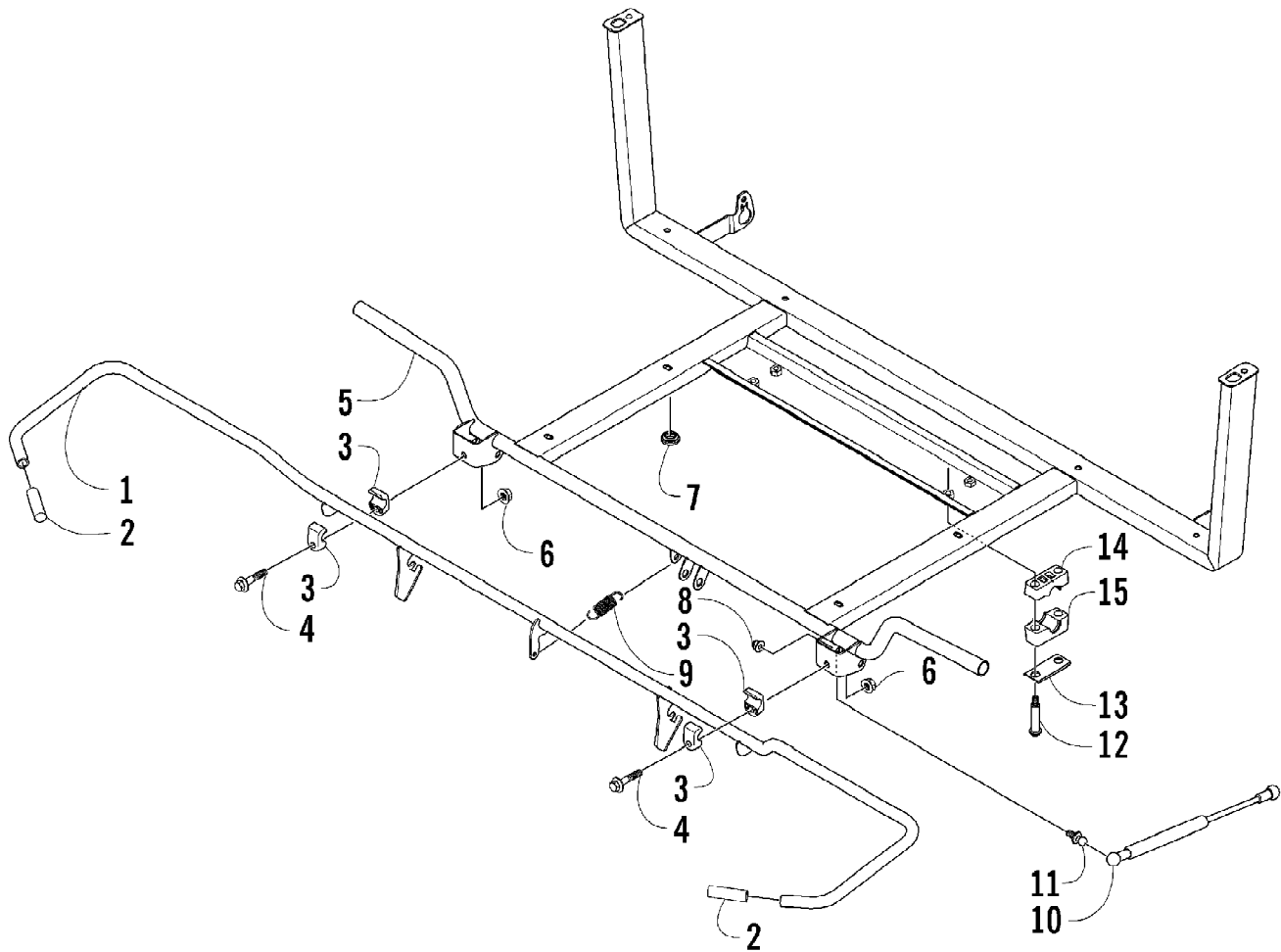
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TAILGATE ASSEMBLY



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TAILGATE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	1506-620	1	S	Complete Tailgate Assembly
1	1506-704	1		Brace, Tailgate
2	2506-056	1		Latch, Tailgate - Assembly
3	1406-706	4		Bushing
4	1406-768	1	S	Panel, Tailgate - Outer
5	1406-769	1	S	Panel, Tailgate - Inner
6	1406-927	1		Shaft, Pivot - Tailgate
7	0623-784	12		Screw, Self-Tapping
8	0423-101	4		Screw, Body

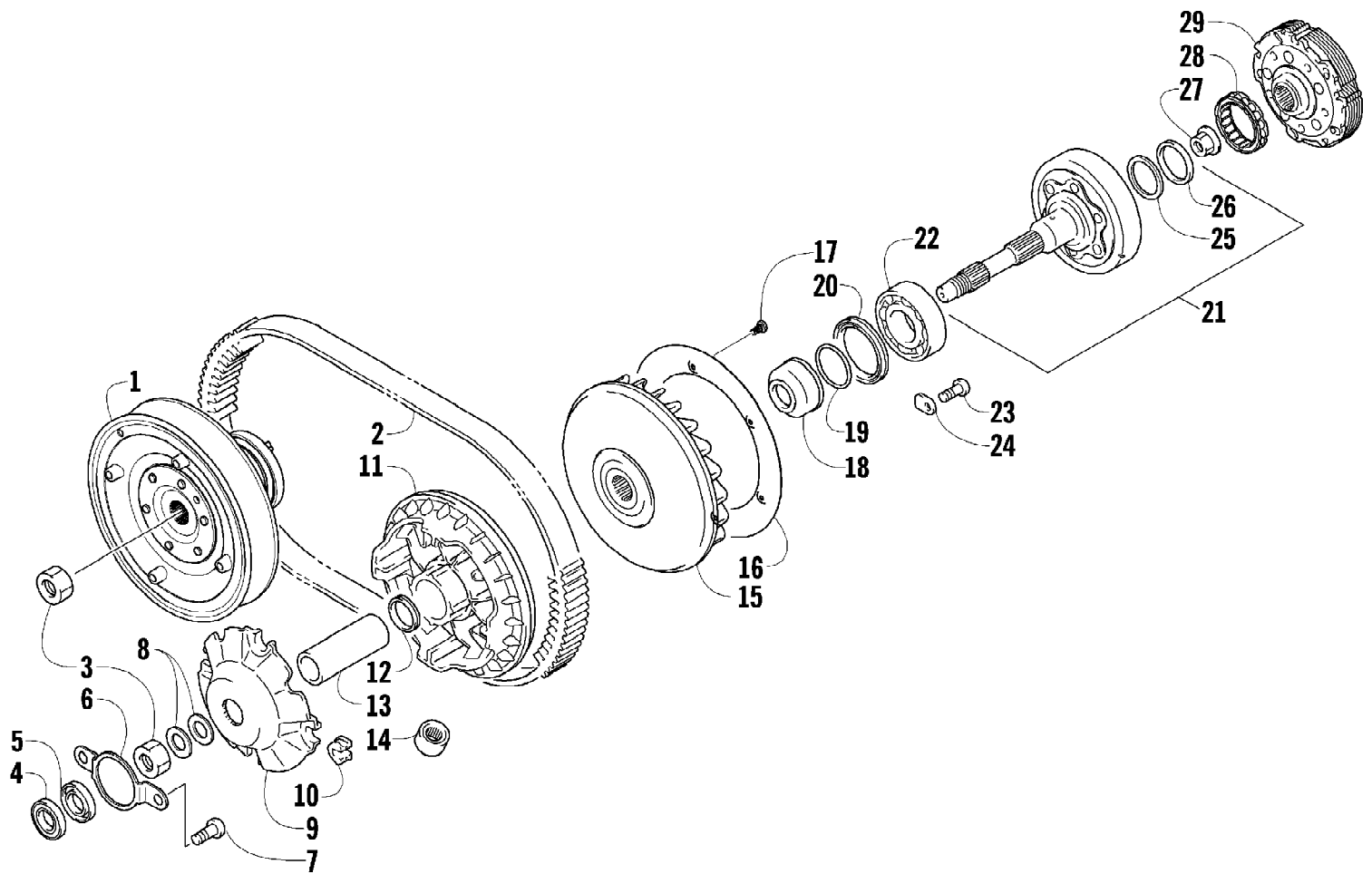
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TILT FRAME ASSEMBLY



2006 PROWLER XT 650 H1 AUTOMATIC 4X4 CAT GREEN (U2006P2S4BUSZ)
TILT FRAME ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-669	1		Latch, Tilt Box
2	1406-736	2		Grip, Latch Rod
3	1406-674	4		Bushing, Pivot
4	8408-840	2		Screw, Cap
5	1506-738	1	S	Frame, Box
6	8424-802	2		Nut
7	0423-628	4		Grommet
8	8424-802	2		Nut, Flange
9	1612-178	1		Spring
10	0506-822	1		Support, Lift
11	0423-401	2		Stud, Lift Support
12	0423-505	4		Screw, Shoulder
13	0405-166	2		Cap, Housing
14	0405-138	2		Housing, Lower
15	0405-139	2		Housing, Upper

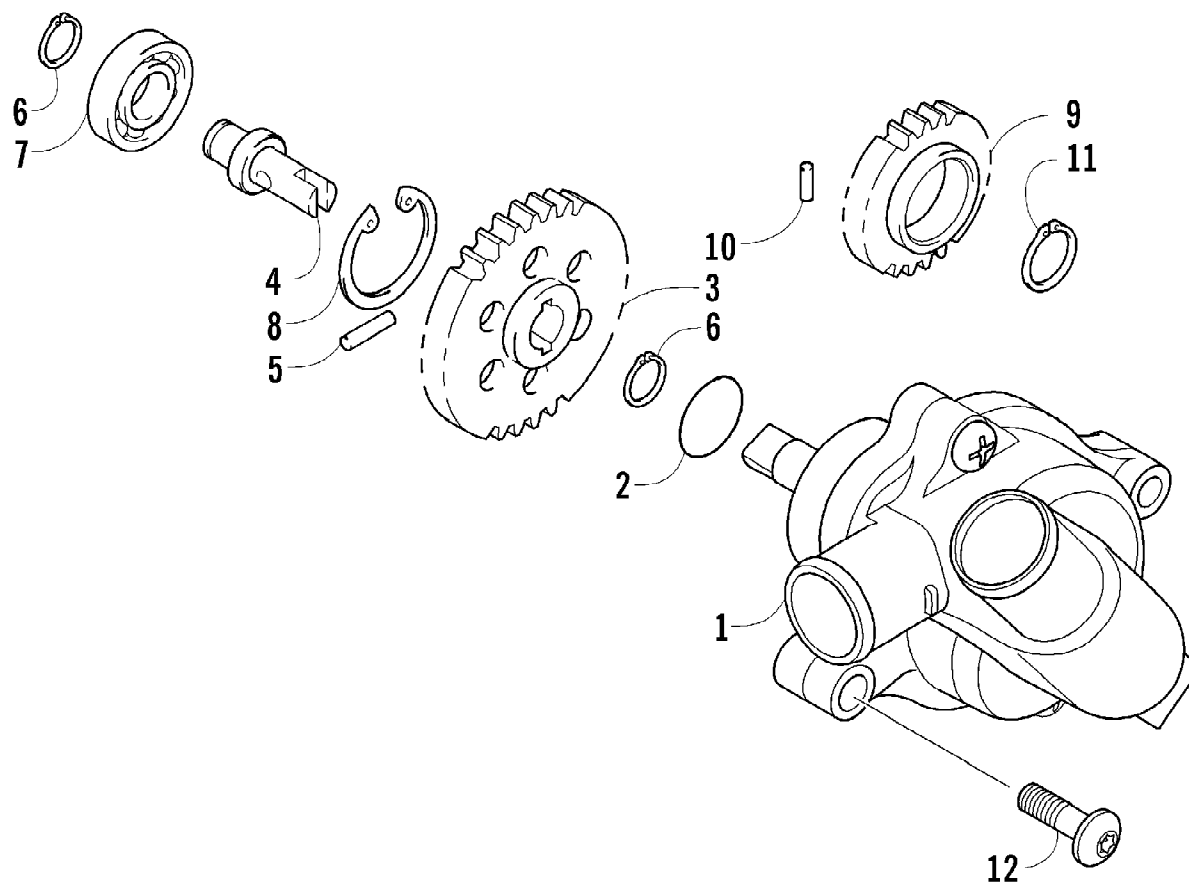
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TRANSMISSION ASSEMBLY



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TRANSMISSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0823-153	1	S	Pulley, Driven - Assembly
2	0823-013	1		Belt, Drive
3	0827-010	2		Nut
4	0832-010	1		Bearing
5	0823-016	1	S	Seal, Clutch Housing - Right
6	0823-020	1		Retainer, Bearing
7	0826-031	2		Screw
8	0822-046	1		Shim
9	0823-008	1		Plate, Movable Drive Face
10	0823-010	4		Damper, Movable Drive Face
11	0823-159	1		Face, Movable Drive (inc. 12)
12	0830-032	2		Seal, Movable Drive Face
13	0823-149	1		Spacer, Movable Drive Face
14	0823-147	8	S	Roller, Movable Drive Face
15	0823-001	1	S	Face, Fixed Drive
16	0823-131	1		Shroud, Drive Face
17	0623-914	6		Screw, Self-Tapping
18	0823-015	1		Spacer, Fixed Drive Face
19	0470-531	1		O-Ring
20	0830-034	1	S	Seal, Clutch Housing - Right
21	0823-270	1	S	Housing, Clutch - Assembly (inc. 25-26)
22	0832-009	1	/P	Bearing
23	0826-029	2		Screw, Bearing Retainer
24	0822-010	2	/P	Retainer, Bearing
25	0828-075	1		Shim
26	0823-017	1	S	Seal, Clutch Housing - Left
27	0827-011	1		Nut
28	0823-018	1		Clutch, One-Way
29	0823-098	1	S	Clutch, Centrifugal - 6 Plate

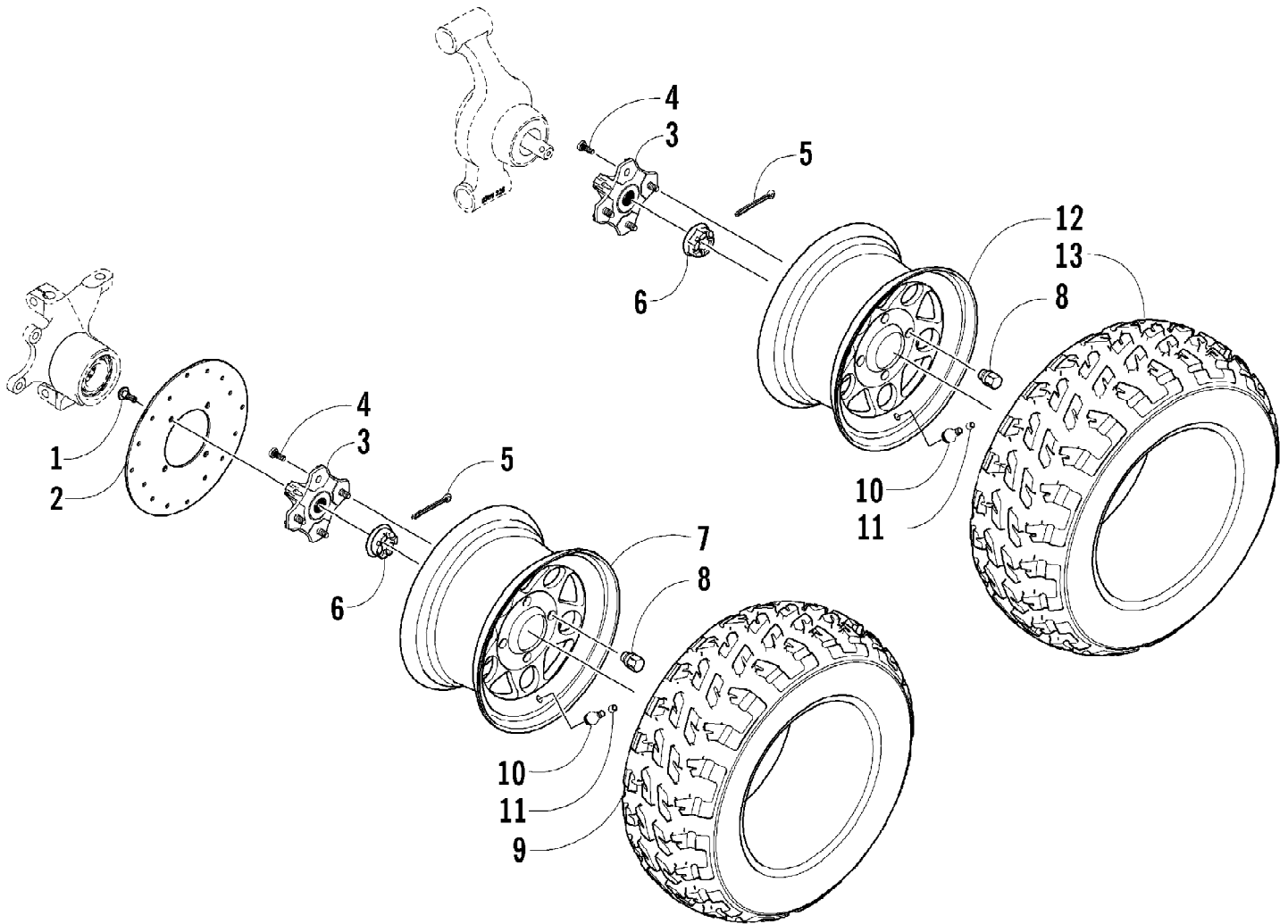
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WATER PUMP ASSEMBLY



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 WATER PUMP ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0813-001	1		Pump, Water - Assembly (inc. 2)
2	0830-029	1		O-Ring
3	0813-004	1		Gear, Driven
4	0813-005	1		Shaft, Driven Gear
5	0829-009	1		Pin, Driven Gear
6	0831-002	2		Circlip, Driven Gear
7	0832-008	1	S	Bearing, Shaft
8	0831-004	1		Circlip, Shaft Bearing
9	0811-003	1		Gear, Water Pump Drive
10	0829-007	1		Pin, Drive Gear
11	0831-005	1		Circlip, Drive Gear
12	8468-665	2		Screw, Machine

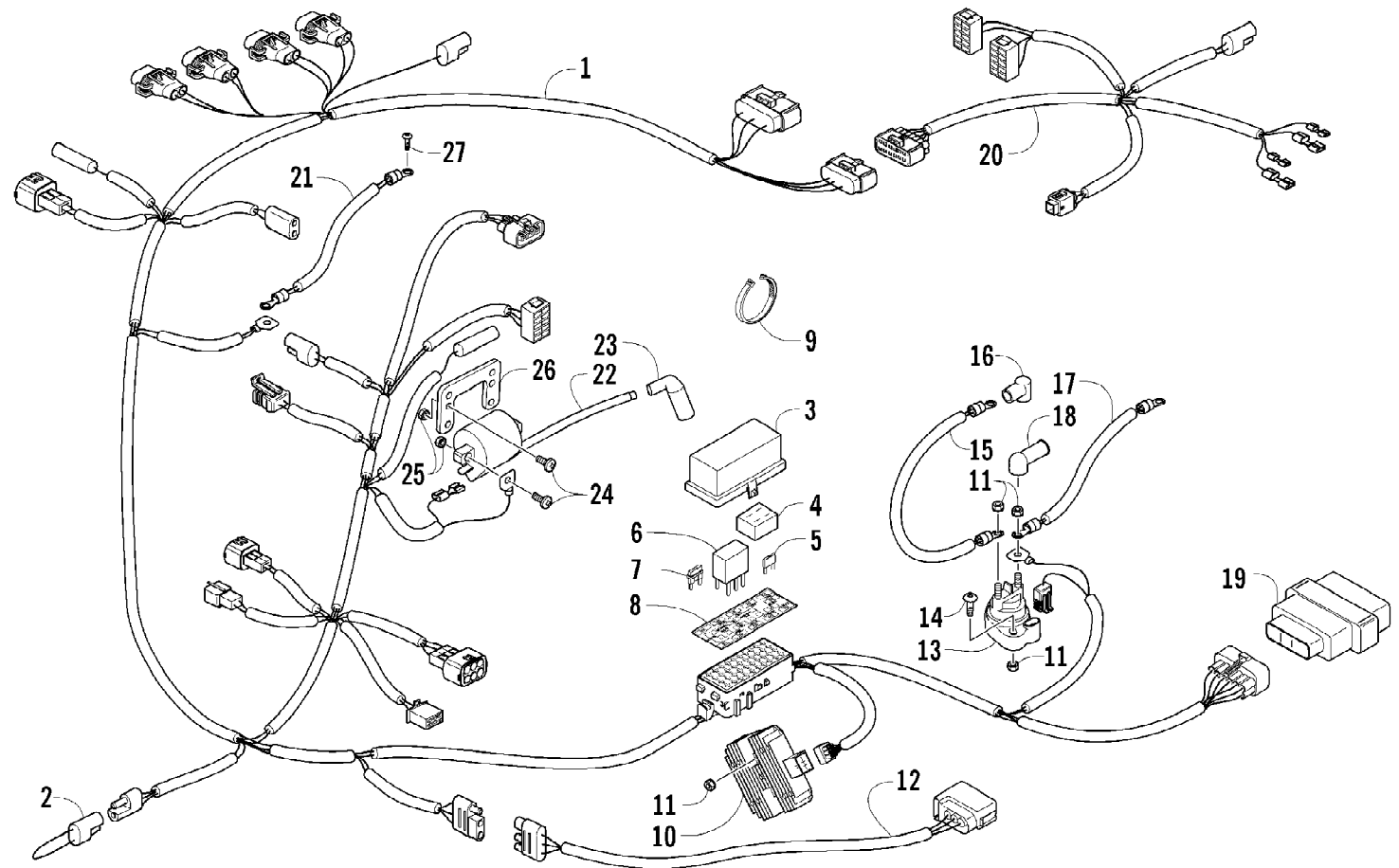
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WHEEL AND TIRE ASSEMBLY



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 WHEEL AND TIRE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0423-557	8		Screw, Machine
2	1402-455	2	S	Disc, Brake
3	0502-980	2	S	Hub, Wheel - Front (inc. 4)
3	1502-435	2	/P	Hub, Wheel - Rear (inc. 4)
4	0402-974	16	/P	Stud, Wheel Hub
5	0423-407	4		Pin, Cotter
6	0423-607	4		Nut, Castle
7	1402-451	2		Wheel - Front
8	0423-618	16		Nut, Mounting - Wheel
9	1402-392	2		Tire - Front
10	0402-064	4		Stem, Valve (inc. 11)
11	0402-140	4		Cap, Valve Stem
12	1402-454	2		Wheel - Rear
13	1402-393	2		Tire - Rear

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WIRING HARNESS ASSEMBLY



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WIRING HARNESS ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0486-167	1		Harness, Main (inc. 2-8 and two No. 9)
2	0486-164	1		Tether, Accessory Connector
3	0530-008	1		Cover, Fuse Block
4	0430-037	1		Holder, Fuse
5	0430-034	3		Diode
6	0430-033	3		Relay (5-Pin) - 20 Amp
7	0430-032	2		Fuse - 10 Amp
7	0430-031	6		Fuse - 15 Amp
7	0430-030	2		Fuse - 30 Amp
8	1411-191	1		Decal, Fuse Block
9	0123-788	AR	/P	Cable Tie - 7.5 in.
10	0824-020	1	S	Regulator, Voltage
11	0623-038	8		Nut w/Washer
12	0486-176	1		Harness Adapter, Taillight
13	0445-036	1	S	Solenoid
14	8476-625	2		Screw, Machine
15	0445-049	1		Cable, Battery/Solenoid (inc. 16)
16	0645-019	1		Boot, Terminal
17	0445-051	1		Cable, Solenoid/Starter
18	0645-327	1		Boot, Terminal
19	0824-039	1	S	CDI Unit
20	0486-191	1		Harness, Console
21	0445-050	1		Cable, Battery/Engine
22	0824-023	1	/P	Coil, Ignition - Assembly
23	0824-021	1	S	Cap, Spark Plug
24	8476-620	4		Screw, Machine
25	8424-602	1	/P	Nut, Hex
26	2406-266	1		Pad, Isolator
27	8470-645	1		Screw, Machine