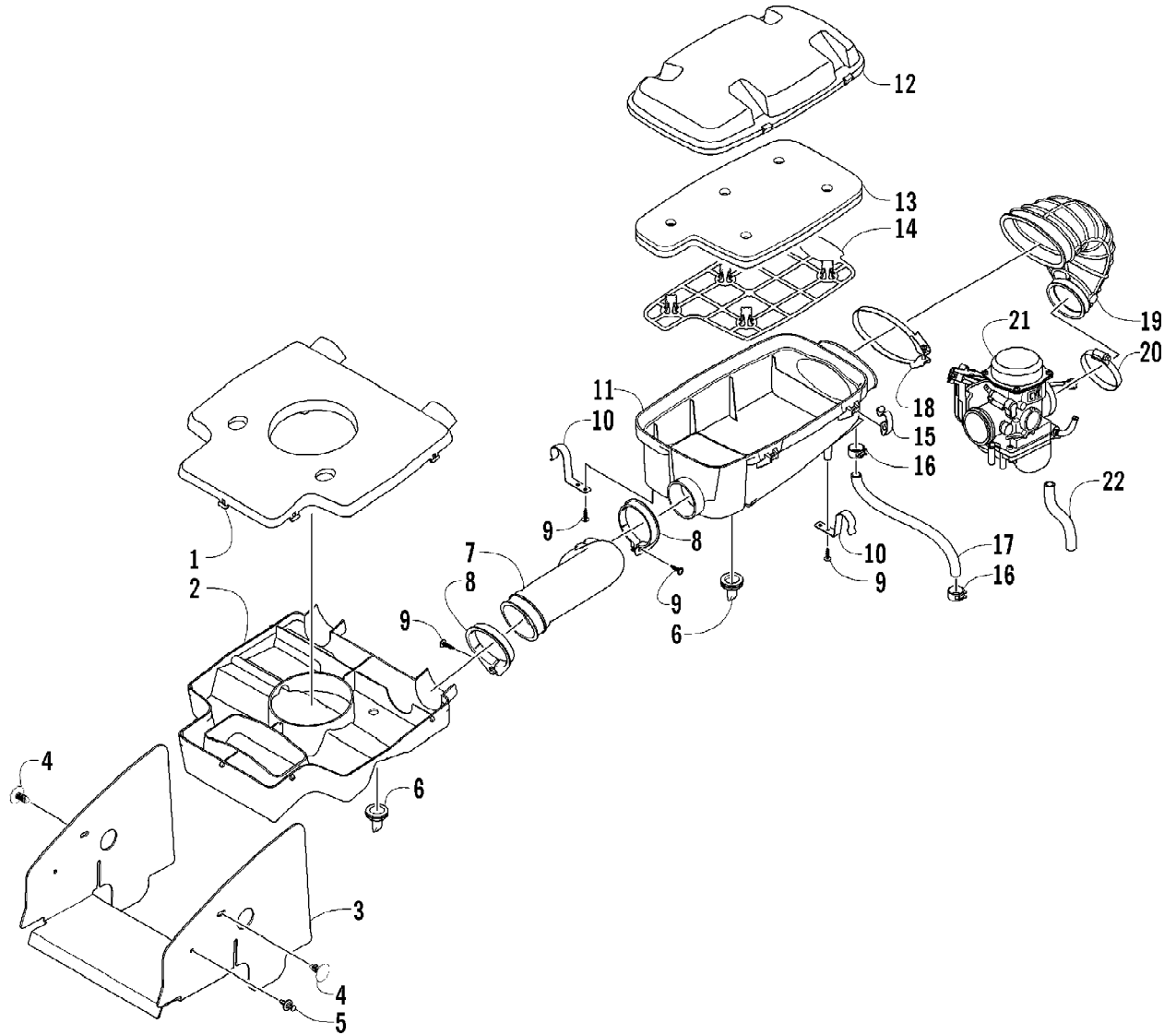


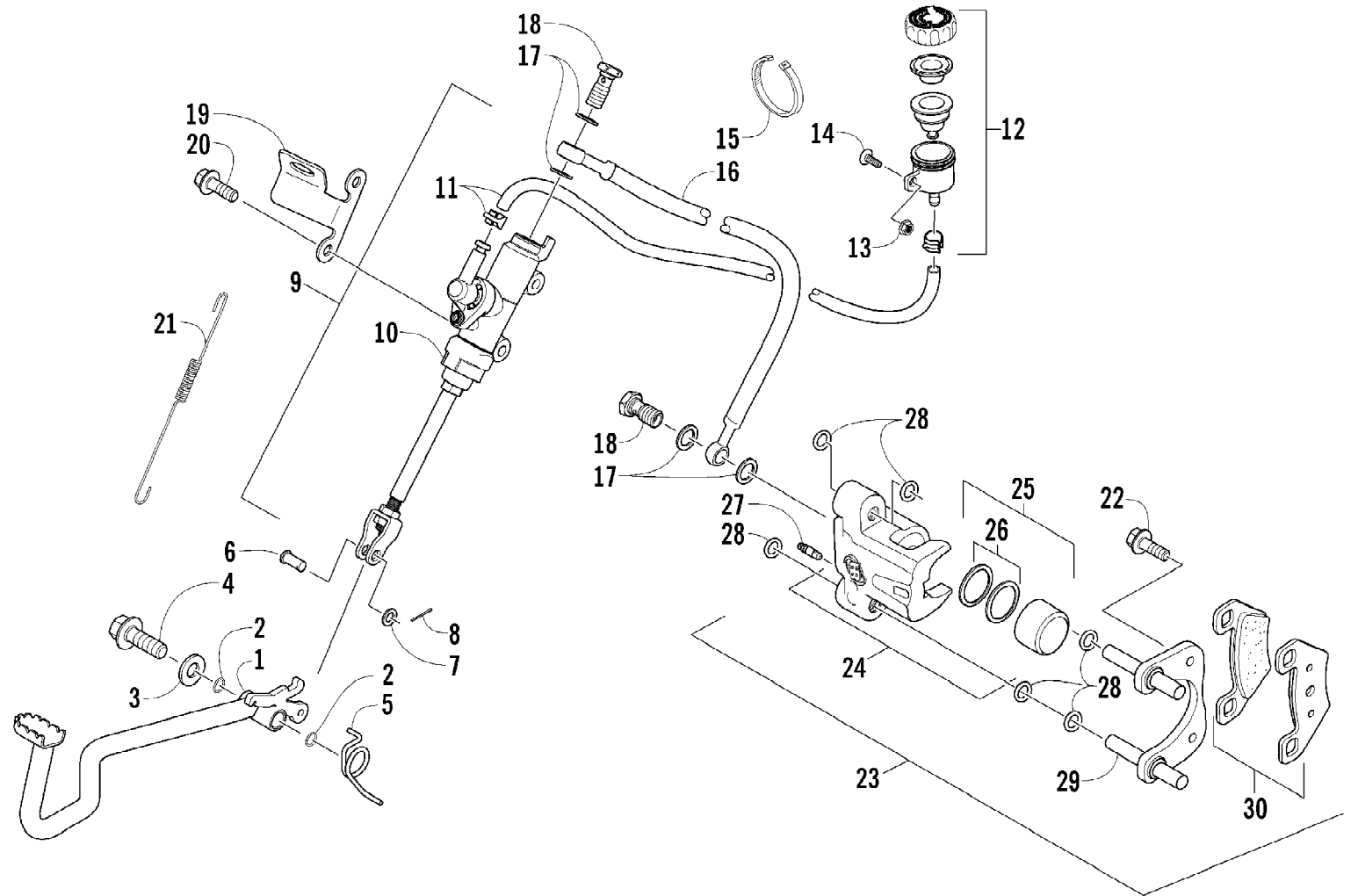
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 1 of 91
AIR INTAKE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 2 of 91
 AIR INTAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0413-091	1		Diverter, Air - Top
2	0413-111	1		Diverter, Air - Bottom
3	2406-013	1		Shroud, Splash
4	0623-544	2		Plug
5	0623-362	2		Rivet, Reinstallable
6	0470-442	2	/P	Valve, Drain
7	0470-529	1		Boot, Air Intake
8	0423-551	2		Clamp
9	0423-342	7	/P	Screw, Self-Tapping
10	0423-454	2		Clip, Mounting - Air Intake
11	0470-540	1	S	Housing, Air Intake
12	0470-554	1	S	Cover, Air Intake
13	0470-494	1	S	Filter, Air
14	0470-516	1		Screen, Air Filter
15	0423-455	4		Clip, Spring
16	0423-045	2		Clamp, Hose
17	0410-087	1	S	Hose, Vent - Crankcase
18	0423-554	1		Clamp
19	0470-517	1		Boot, Carburetor
20	0423-019	1		Clamp
21	0470-537	1	S	Carburetor, CVK34-AE
22	0510-592	1		Hose, Drain

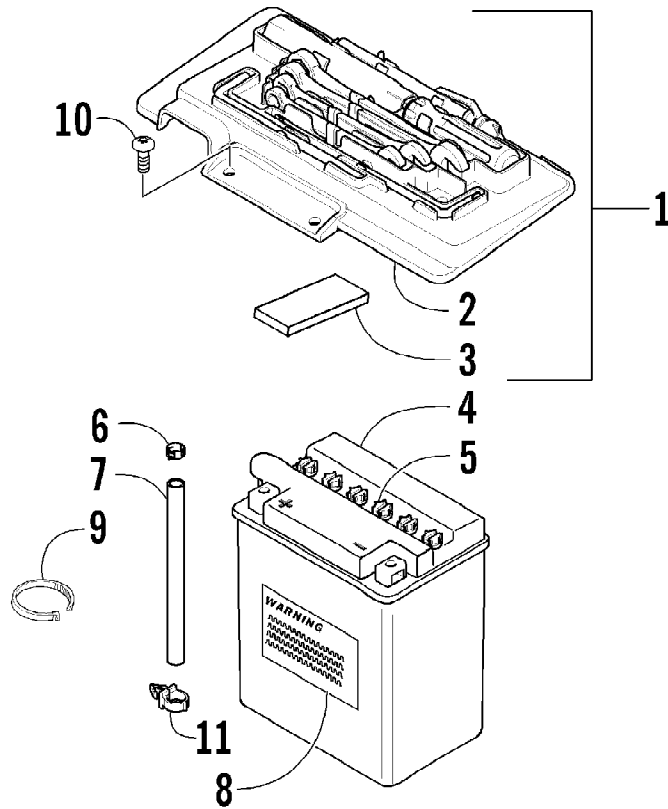
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 3 of 91
AUXILIARY BRAKE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 4 of 91
 AUXILIARY BRAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	0502-939	1		Fully Bled Master Cylinder Replacement Kit
1	0502-805	1		Lever, Brake
2	1602-213	2	/P	O-Ring
3	8050-252	1		Washer
4	8408-816	1		Screw, Cap
5	0502-807	1		Spring, Brake Lever
6	1402-377	1		Pin, Clevis
7	8050-217	1	/P	Washer
8	0402-584	1		Pin, Cotter
9	0502-881	1		Brake Assembly (inc. 10-12)
10	0	1	F	Master Cylinder
11	0502-880	1		Hose, Brake Reservoir
12	0502-877	1		Reservoir, Brake
13	0623-038	1		Nut, Flanged
14	8476-616	1		Screw, Machine
15	0123-788	1	/P	Cable Tie - 7.5 in.
16	1402-417	1		Hose, Brake
17	0423-178	4		Washer, Crush
18	0423-413	2		Bolt, Banjo Fitting
19	0502-840	1		Bracket, Switch
20	8408-625	2		Screw, Cap
21	0502-785	1		Spring, Brake Switch
22	8408-820	2	/P	Screw, Cap
23	0502-602	1	S	Caliper, Brake (inc. 24-30)
24	0502-603	1	S	Housing, Caliper - Assembly - Right Front (inc. 25-27)
25	0502-606	1		Piston/Seal Set (inc. 26)
26	0502-607	1		Seal Set
27	0502-609	1	/P	Valve, Bleed
28	0502-608	1		O-Ring, Guide - Set
29	0502-605	1		Bracket Assembly
30	0502-604	1	S	Pad, Brake - Set

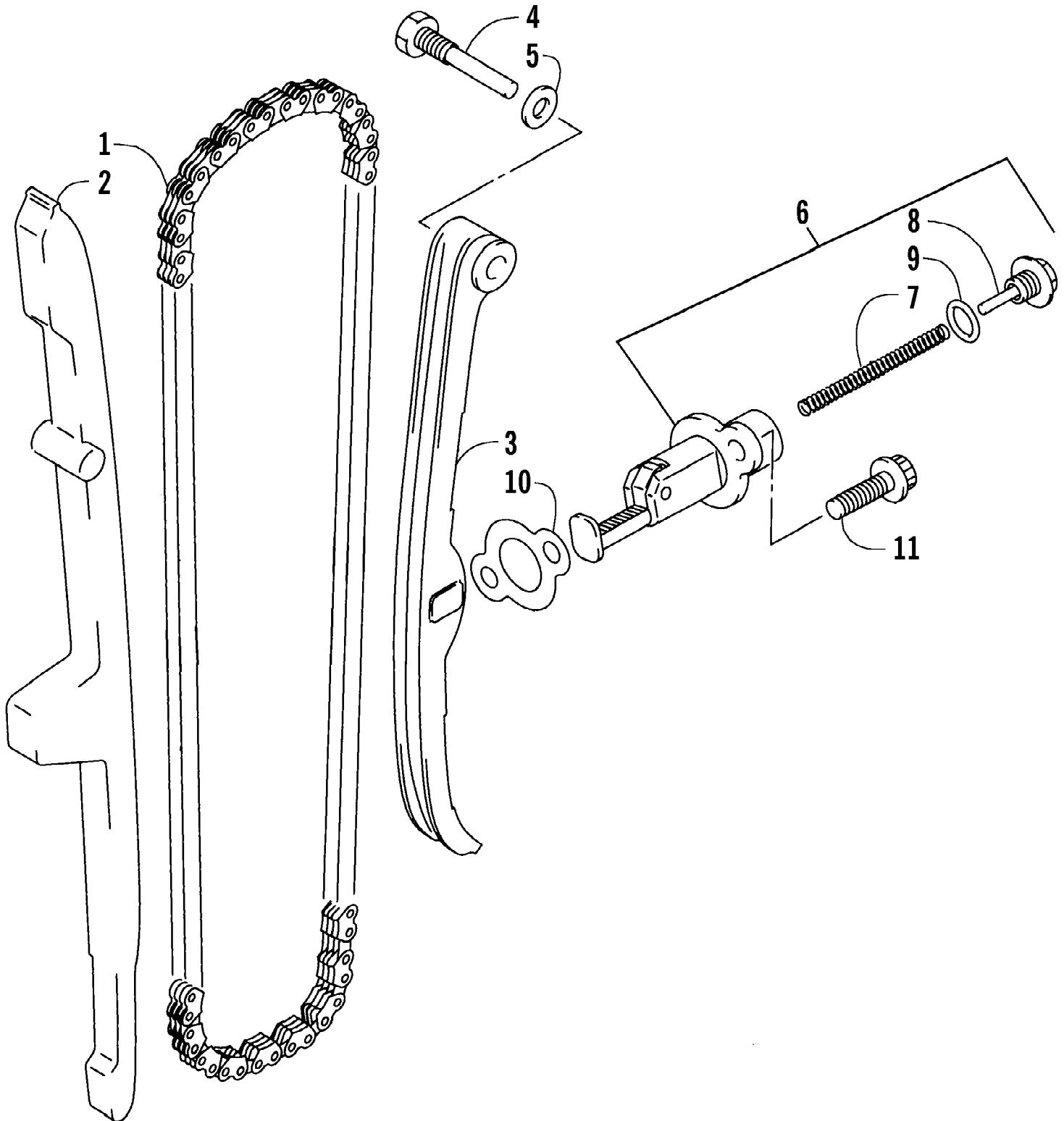
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 5 of 91
BATTERY ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUSQ)
 BATTERY ASSEMBLY Page 6 of 91

Ref #	Part Number	Qty	S/P/F	Description
1	5991-395	1	S	Battery Cover/Tool Tray Assembly (inc. 2-3)
2	2406-815	1	/P	Cover, Battery
3	0406-288	2		Pad, Battery
3	0444-122	1	S/P	Kit, Tool Not Illustrated
4	0745-045	1	/P	Battery Assembly (inc. 5-8)
5	0645-045	6		Cap, Battery
6	0645-152	1		Clamp, Hose
7	0645-263	1	/P	Hose, Vent
8	0645-151	1		Label, Warning - Battery
9	0123-903	4		Cable Tie - 11.5 in.
10	8476-616	2		Screw, Machine
11	0623-101	AR		Clip, Retaining

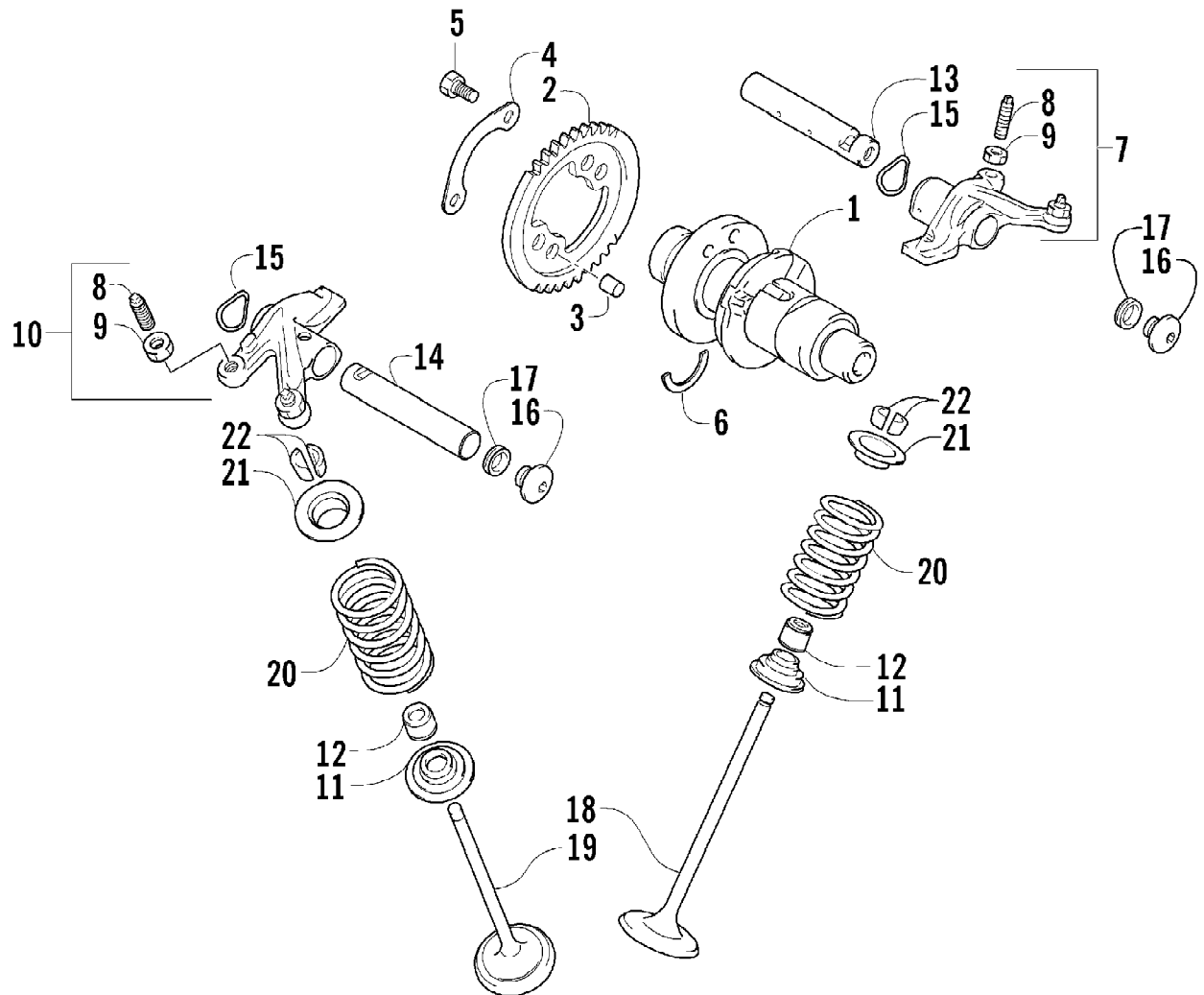
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 7 of 91
CAM CHAIN ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUSQ)
 CAM CHAIN ASSEMBLY Page 8 of 91

Ref #	Part Number	Qty	S/P/F	Description
1	3402-281	1		Chain, Cam
2	3402-612	1		Guide, Cam Chain
3	3402-613	1		Tensioner, Cam Chain
4	3423-074	1		Bolt
5	3402-436	1	/P	Washer
6	3402-614	1		Adjuster, Tensioner - Assembly (inc. 7-9)
7	3423-484	1		Spring
8	3423-485	1		Plug
9	3423-286	1		O-Ring
10	3403-020	1		Gasket, Adjuster
11	3004-512	2	S	Bolt

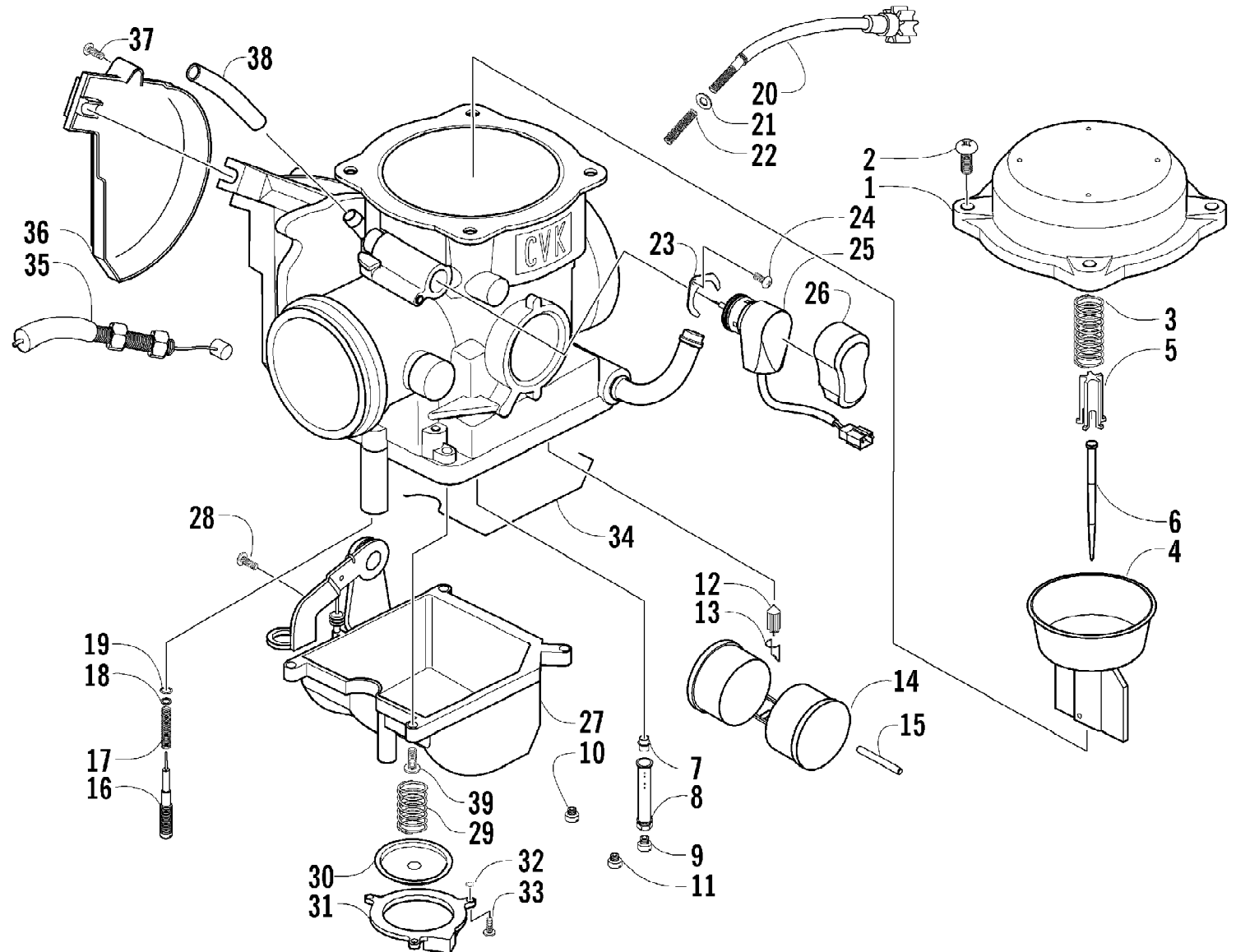
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BUS) Page 9 of 91
CAMSHAFT/VALVE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 10 of 91
 CAMSHAFT/VALVE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-989	1	S	Camshaft
2	3402-611	1		Sprocket
3	3423-047	1		Pin
4	3423-073	1		Washer
5	3423-013	2	S	Bolt
6	3423-071	1	/P	C-Ring
7	3402-805	1	/P	Arm, Valve Rocker - Intake (inc. two No. 8-9)
8	3423-075	4		Screw
9	3423-076	4		Nut
10	3402-139	1		Arm, Valve Rocker - Exhaust (inc. two No. 8-9)
11	3402-148	4		Seat, Spring
12	3402-078	4		Seal, Oil
13	3402-140	1		Shaft, Rocker Arm
14	3402-141	1		Shaft, Rocker Arm
15	3423-031	2		Washer
16	3423-111	2	S	Plug, Shaft
17	3402-012	2		Gasket
18	3402-725	2	/P	Valve, Intake
19	3402-143	2		Valve, Exhaust
20	3402-726	4		Spring, Valve
21	3423-541	4	/P	Retainer, Spring
22	3402-147	8		Cotter, Valve

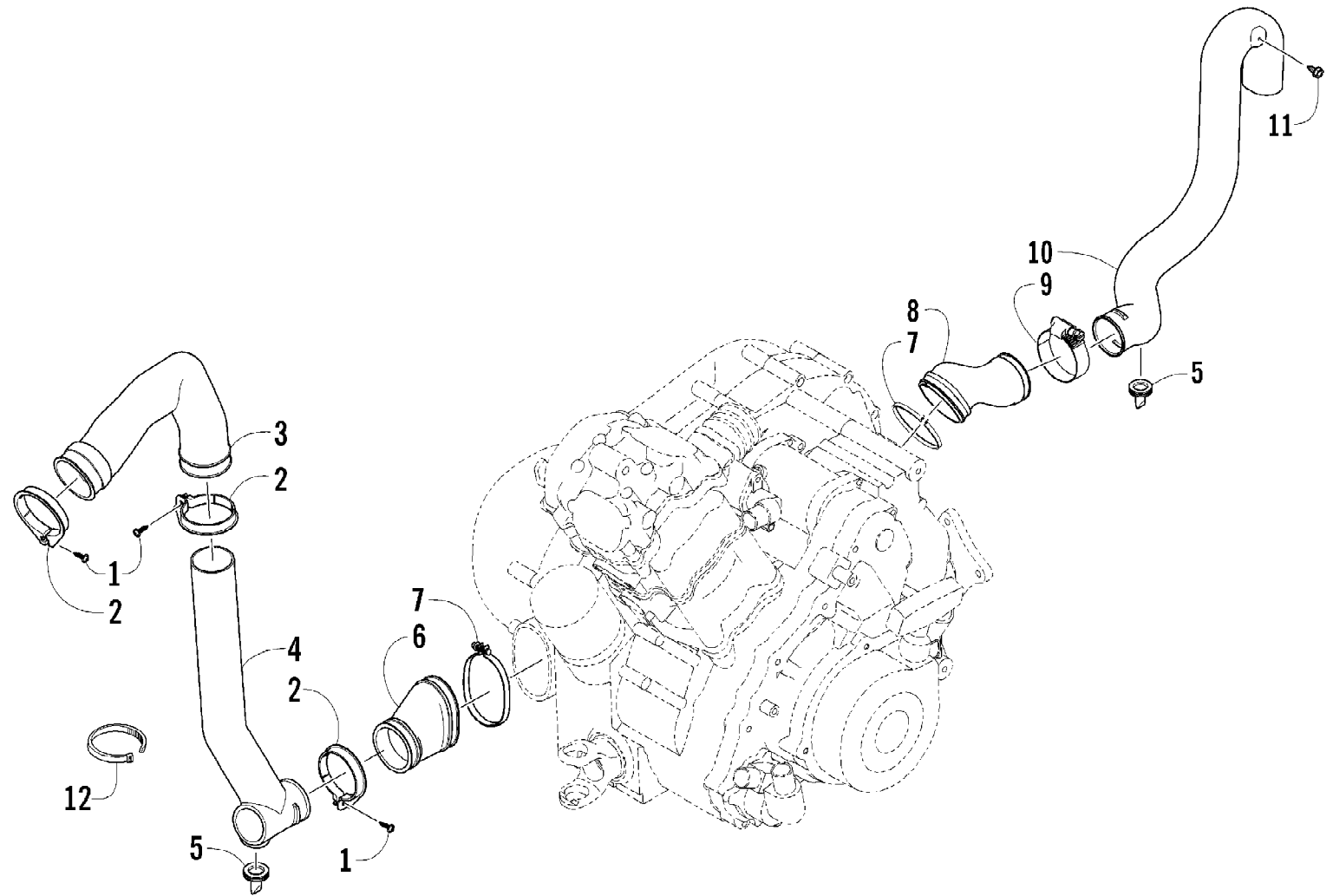
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 11 of 91
CARBURETOR



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 12 of 91
 CARBURETOR

Ref #	Part Number	Qty	S/P/F	Description
	0470-537	1	S	Carburetor Assembly CVK34-AE
1	5507-001	1		Cover, Top
2	5507-002	4	/P	Screw, Top Cover
3	5507-173	1	S	Spring
4	5507-109	1	S	Piston, Vacuum
5	5507-005	1		Seat, Spring
6	5507-110	1		Jet Needle
7	5507-007	1		Needle Jet
8	5507-174	1	S	Holder, Needle Jet
9	5507-042	1	/P	Main Jet - 145
9	5507-009	1	/P	Main Jet - 150
9	5507-041	1		Main Jet - 147
9	5507-043	1		Main Jet - 142
9	5507-044	1		Main Jet - 140
10	5507-010	1	S	Slow Jet - 38
11	5507-179	1	S	Starter Jet - 75
12	5507-183	1		Valve, Float - Set (inc. 13)
13	0	1	F	Clip
14	5507-039	1		Float Set (inc. 15)
15	0	1	F	Pin, Float
16	5507-111	1		Screw, Pilot Air - Set (inc. 17-19)
17	0	1	F	Spring
18	0	1	F	Washer
19	0	1	F	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	5507-180	1		Choke, Electric
26	5507-114	1		Cover, Electric Choke
27	5507-181	1		Chamber, Float - Assembly (inc. 28-34)
28	5507-050	1	/P	Screw, Drain
29	5507-032	1		Spring
30	5507-182	1	S/P	Diaphragm Assembly
31	0	1	F	Housing, Pump
32	5507-034	1		U-Ring
33	5507-035	3		Screw
34	5507-207	1	S	O-Ring, Float Chamber
35	0487-021	1	S	Cable, Throttle
36	5507-036	1		Cover
37	5507-037	1	/P	Screw
38	0410-056	1		Hose, Vent
39	5507-017	4	/P	Screw

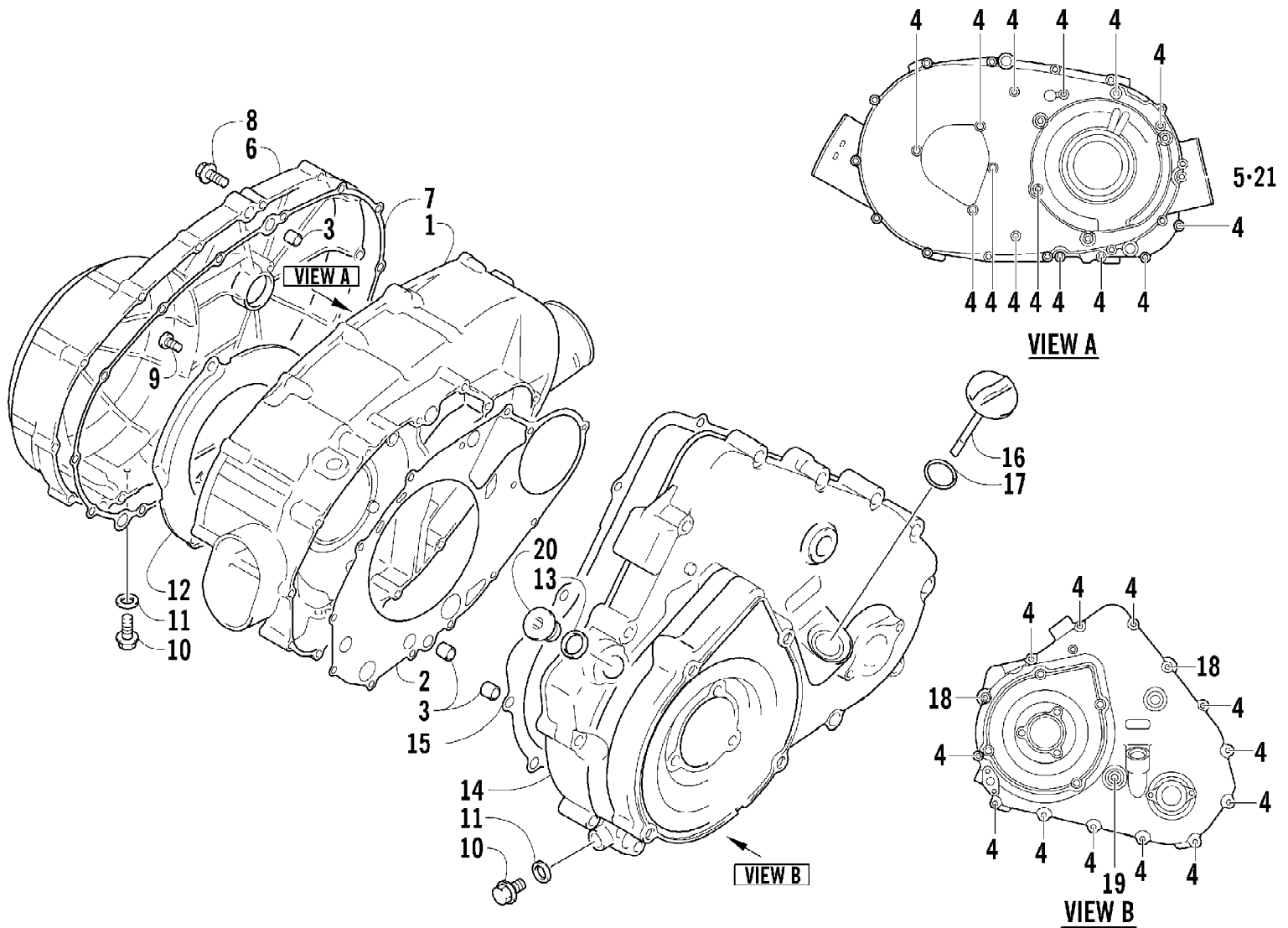
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 13 of 91
CASE/BELT COOLING ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B050) 14 of 91
CASE/BELT COOLING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0423-342	3	/P	Screw, Self-Tapping
2	0423-551	3		Clamp
3	0413-092	1		Boot, Air-In
4	0513-010	1		Duct, Belt Cooling - Front
5	0470-442	2	/P	Valve, Drain
6	0413-049	1		Boot, Duct - Front
7	3402-449	2	/P	Clamp
8	0413-055	1		Boot, Duct - Rear
9	0423-380	1	/P	Clamp
10	0413-106	1		Duct, Belt Cooling - Rear
11	0623-301	1	/P	Screw, Self-Tapping
12	0123-903	1		Cable Tie - 11.5 in.

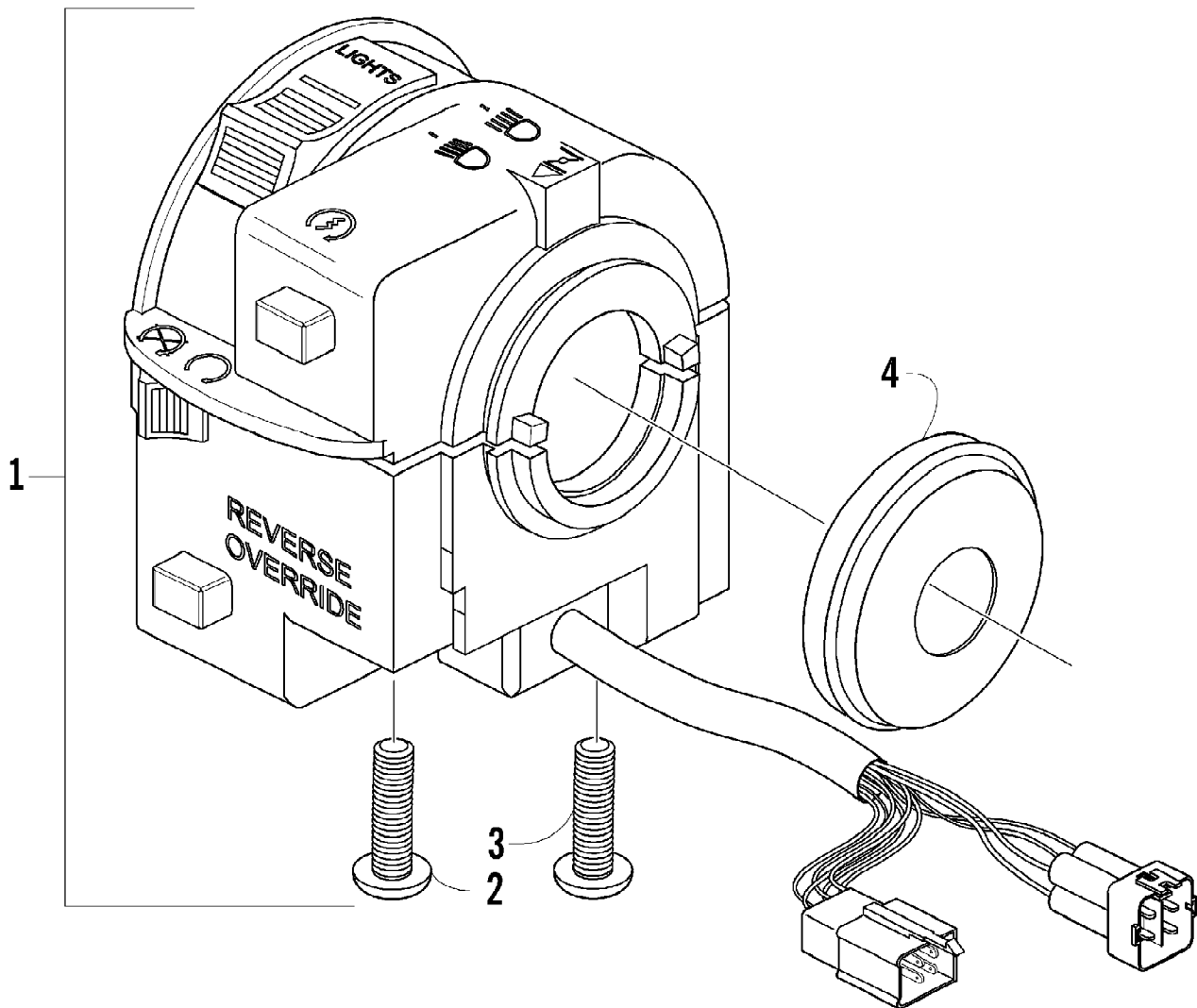
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 15 of 91
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 16 of 91
 CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-583	1		Cover, Clutch
2	3402-589	1		Gasket
3	3423-088	6		Pin, Dowel
4	3423-098	26	S	Bolt
5	3423-392	1		Bolt
6	3402-586	1		Cover, V-Belt
7	3402-591	1		Gasket, V-Belt Cover
8	0693-327	14	S	Bolt
9	3004-552	3	S	Screw
10	3004-705	2	S	Plug, Drain
11	3402-444	2		Gasket, Drain Plug
12	3402-996	1		Plate, Air Intake
13	3402-013	1	/P	Gasket
14	3402-585	1		Cover, Magneto
15	3402-590	1		Gasket, Magneto Cover
16	3402-593	1		Stick, Oil Level
17	3423-055	1		O-Ring, Oil Level Stick
18	3423-307	2	S	Bolt
19	3423-430	1		Bolt
20	3402-041	1	S	Plug
21	3003-290	1	/P	Gasket

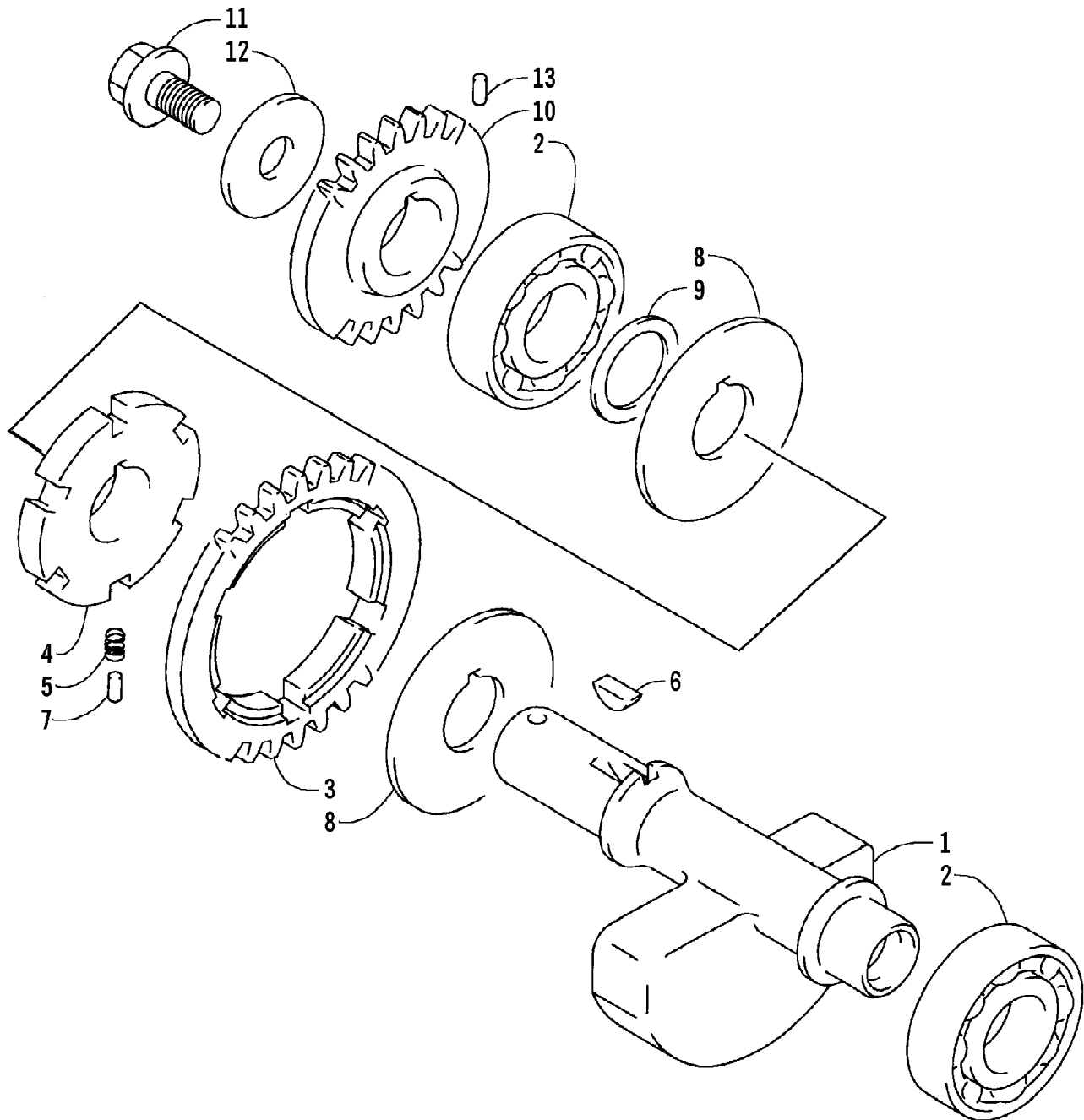
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 17 of 91
CONTROL SWITCH HOUSING ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 18 of 91
CONTROL SWITCH HOUSING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0509-014	1		Switch, Control - Assembly (inc. 2-4)
2	0409-027	1		Screw, Machine
3	0409-028	1		Screw, Machine
4	3409-019	1		Cover, Switch Housing

2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 19 of 91
CRANK BALANCER ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 20 of 91
 CRANK BALANCER ASSEMBLY

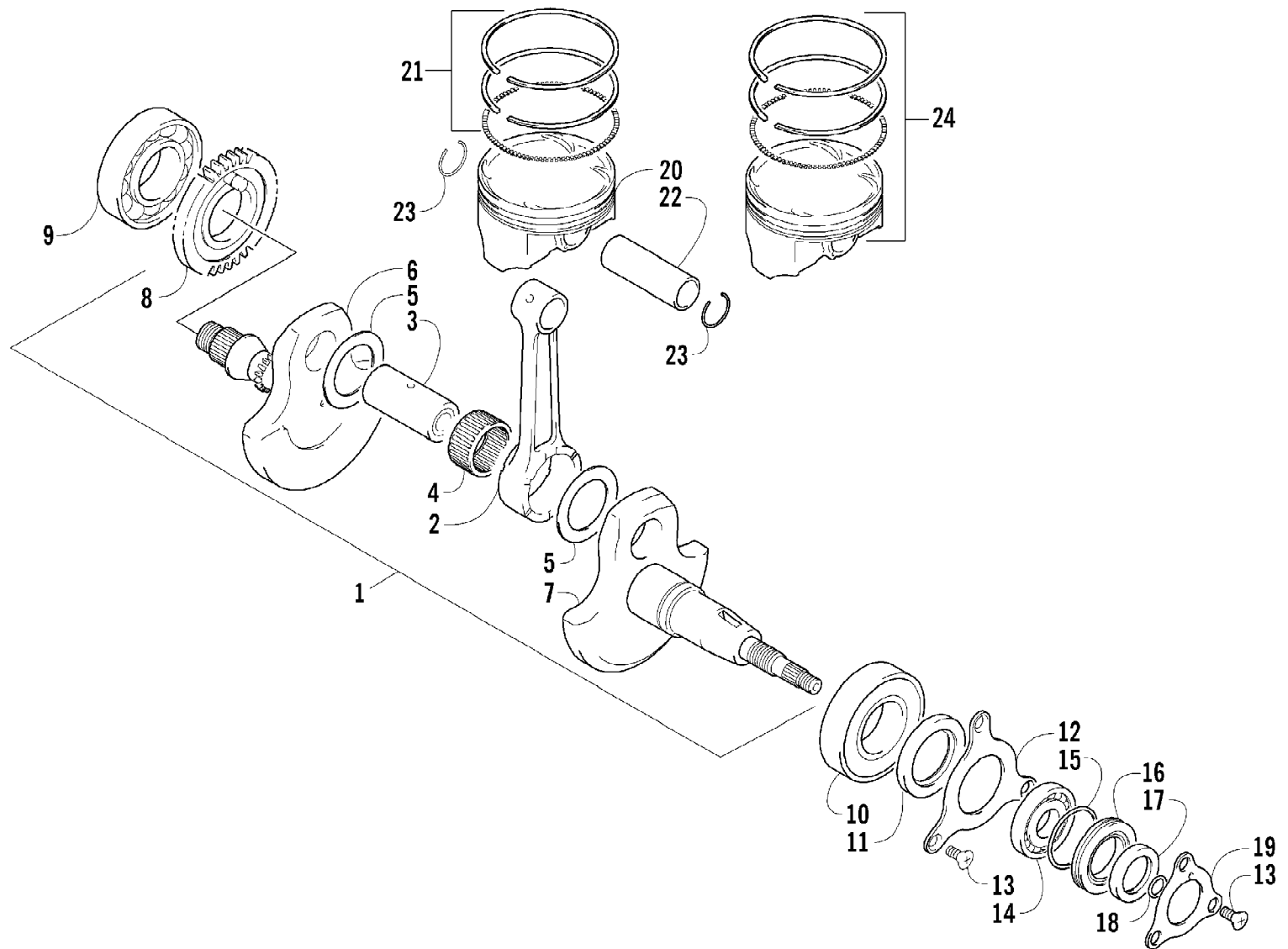
Ref #	Part Number	Qty	S/P/F	Description
1	3402-605	1		Balancer, Crank
2	3402-553	2	/P	Bearing
3	3402-772	1		Gear, Driven
4	3402-608	1		Race, Driven Gear
5	3402-090	2		Spring, Driven Gear
6	3004-540	1	/P	Key
7	3423-106	3	/P	Pin, Driven Gear
8	3423-441	2		Washer, Driven Gear
9	3423-446	1		Washer
10	3402-617	1		Gear, Oil Pump Drive
11	3423-555	1		Bolt, Drive Gear
12	3423-401	1		Washer, Drive Gear
13	3423-110	1		Pin, Drive Gear



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 22 of 91
 CRANKCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-580	1		Crankcase Assembly (inc. 2-9)
2	3004-880	4		Bolt
3	3005-332	1		Bolt
4	3005-410	3		Bolt
5	3402-012	1		Gasket, Oil Pressure Plug
6	3402-214	1		Plug, Oil Pressure
7	3423-088	2		Pin, Dowel
8	3423-091	10	S	Bolt
9	3423-097	3		Bolt
10	3402-581	1		Plate, Oil Guide - Right
11	3004-552	4	S	Screw, Oil Guide Plate
12	3402-582	1		Plate, Oil Guide - Left

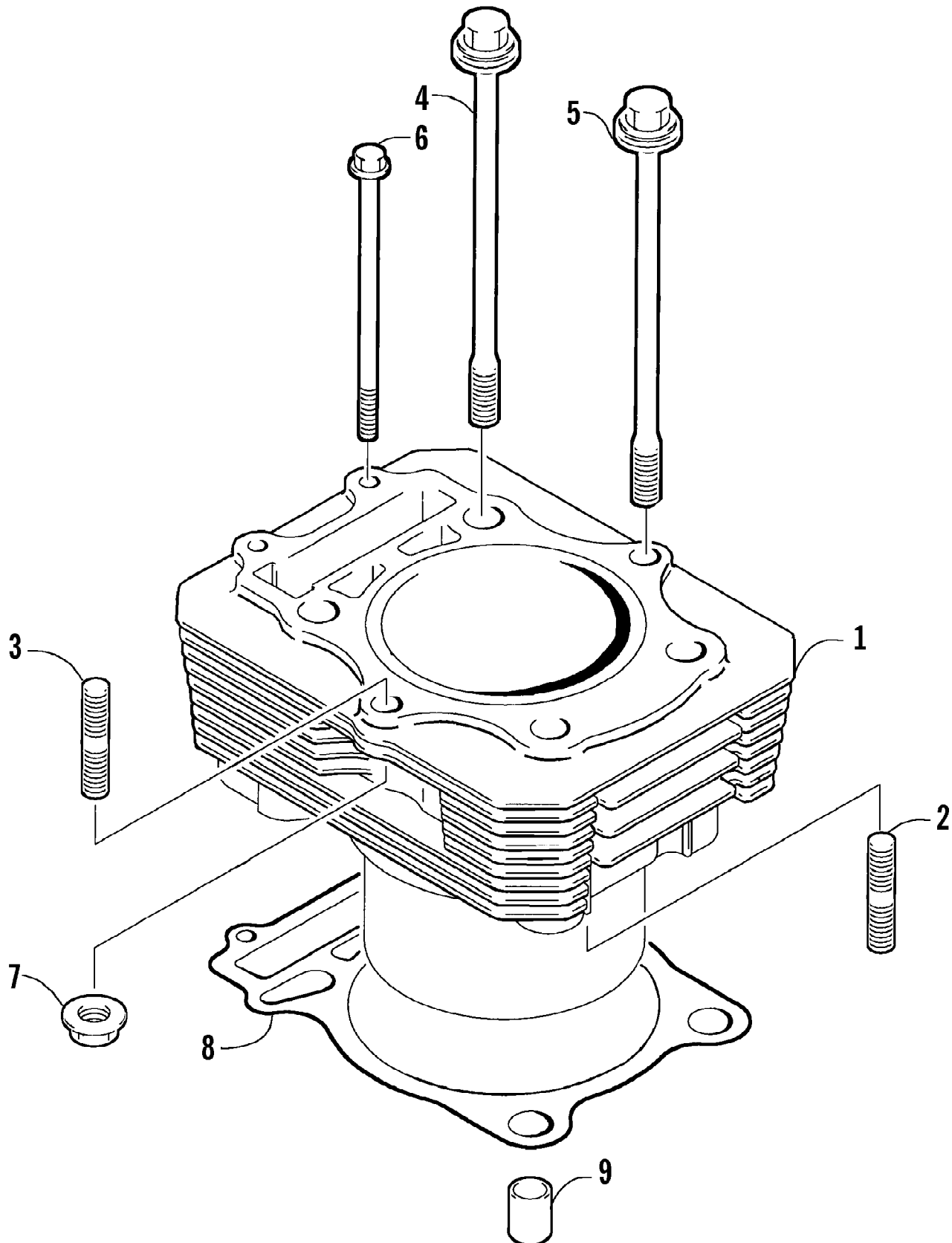
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 23 of 91
CRANKSHAFT ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 24 of 91
 CRANKSHAFT ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-978	1	S	Crankshaft Assembly (inc. 2-8)
2	3402-597	1		Rod, Connecting
3	3402-599	1		Pin, Crank
4	3402-571	1		Bearing
5	3423-440	2		Washer
6	3402-600	1	S	Crankshaft - Right
7	3402-601	1		Crankshaft - Left
8	3402-698	1	/P	Gear, Crank Balancer Drive
9	3402-055	1	/P	Bearing - Right
10	3402-566	1		Bearing - Middle
11	3402-573	1		Seal, Crankshaft Oil
12	3402-602	1		Retainer, Crankshaft Oil Seal - Middle
13	3423-018	6		Screw, Retainer
14	3402-051	1		Bearing
15	3423-063	1		O-Ring
16	3423-542	1	/P	Spacer
17	3402-070	1		Seal, Oil
18	3423-053	1	/P	O-Ring
19	3402-188	1	/P	Retainer, Crankshaft Oil Seal - Left
20	3402-594	1		Piston
21	3402-595	1		Ring, Piston - Set
22	3402-596	1		Pin, Piston
23	3003-439	2	/P	Circlip
24	3436-015	1	F	Piston Set (Oversized 0.50 mm)

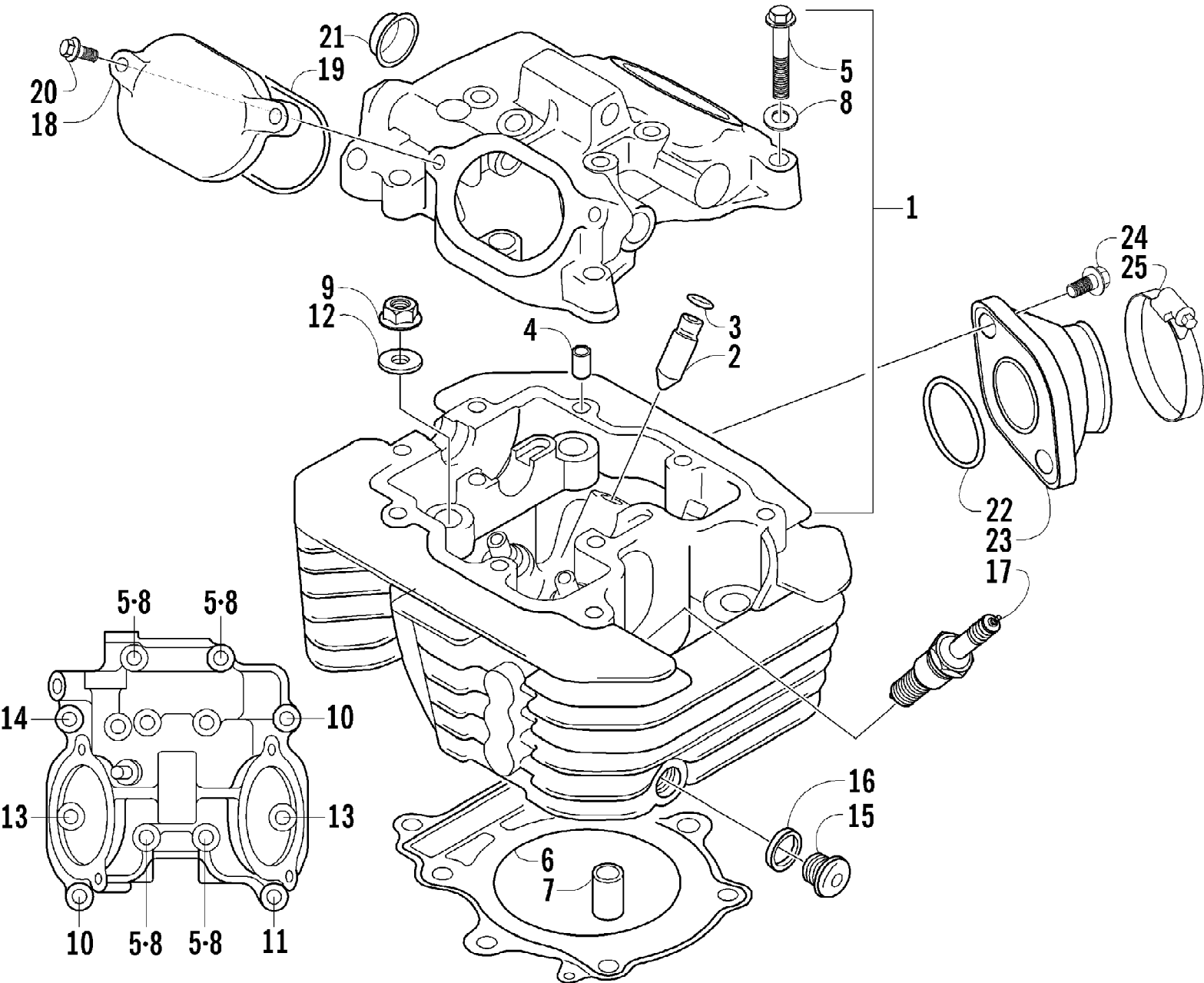
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 25 of 91
CYLINDER ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 26 of 91
CYLINDER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-578	1	S	Cylinder
2	3423-384	2	S	Bolt, Stud
3	3004-778	2	S	Bolt, Stud
4	3423-431	2		Bolt
5	3423-432	2		Bolt
6	3423-427	2		Bolt
7	3004-488	2	S/P	Nut
8	3402-579	1		Gasket, Cylinder
9	3423-088	2		Pin, Dowel

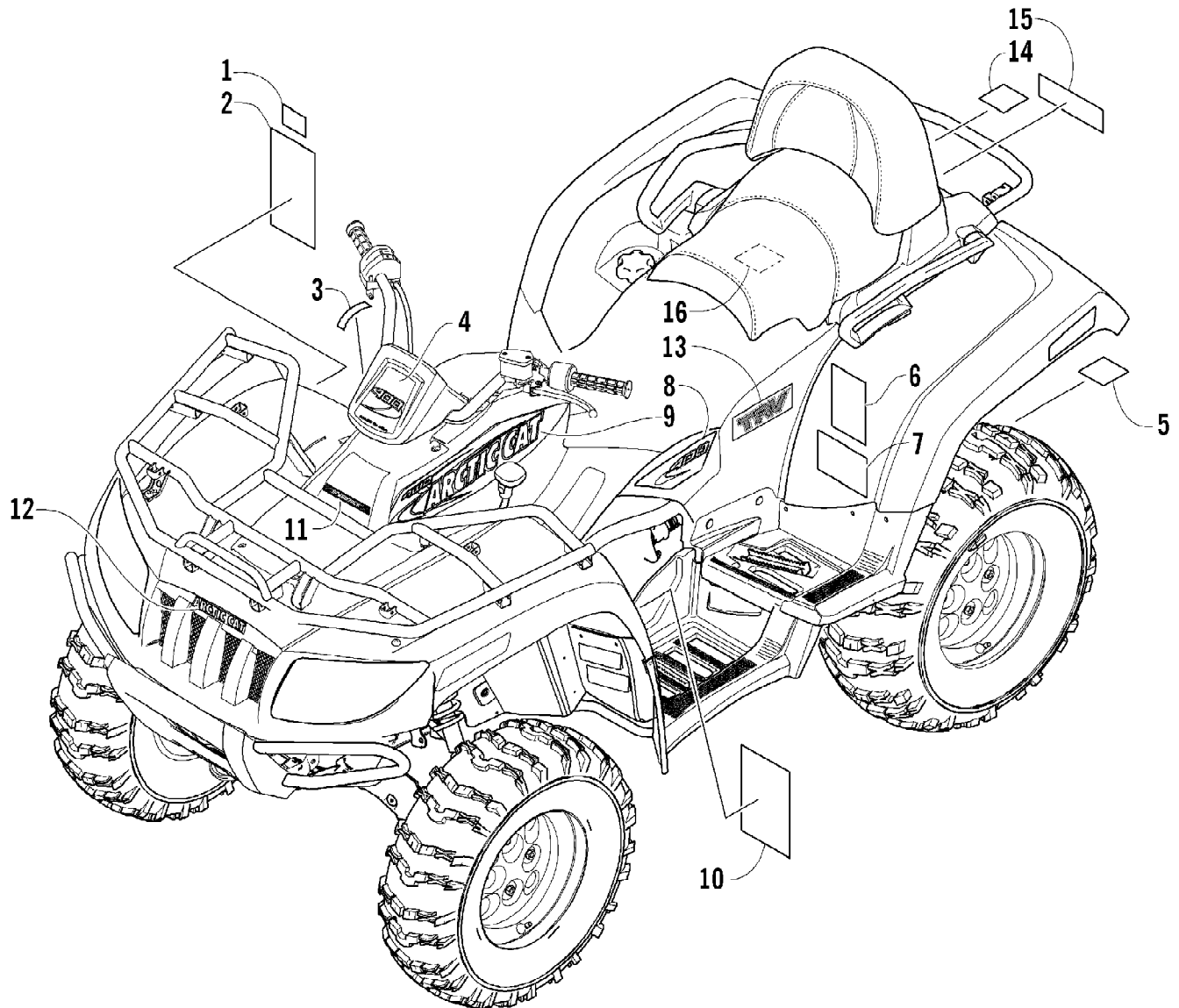
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 27 of 91
CYLINDER HEAD ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 28 of 91
CYLINDER HEAD ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	3402-048	1	F	Plug, Frost
1	3402-576	1	S	Head, Cylinder - Assembly (inc. 2-5)
2	3402-099	4		Guide, Valve
3	3423-068	4		Ring, Valve Guide
4	3423-043	2	/P	Pin, Dowel
5	3423-006	4		Bolt
6	3402-577	1		Gasket, Cylinder Head
7	3423-449	2		Pin, Dowel
8	3003-290	4	/P	Gasket
9	3004-326	2	S/P	Nut, Cylinder Head
10	3423-007	2	S	Bolt, Head Cover
11	3423-429	1		Bolt, Head Cover
12	3423-439	4	S	Washer, Cylinder Head Nut
13	3004-376	2	S/P	Bolt, Head Cover
14	3008-376	1	S	Bolt, Head Cover
15	3423-453	1		Plug, Oil Gallery
16	3402-011	1		Gasket, Oil Gallery Plug
17	0217-708	1		Spark Plug (NGK CR7E)
18	3402-100	2		Cap, Inspection
19	3402-101	2		O-Ring
20	3004-341	4	S/P	Bolt, Inspection Cap
21	3402-035	1		Plug, Head
22	0470-531	1		O-Ring
23	0570-084	1		Manifold, Intake
24	8476-620	2		Screw
25	0423-317	1	/P	Clamp

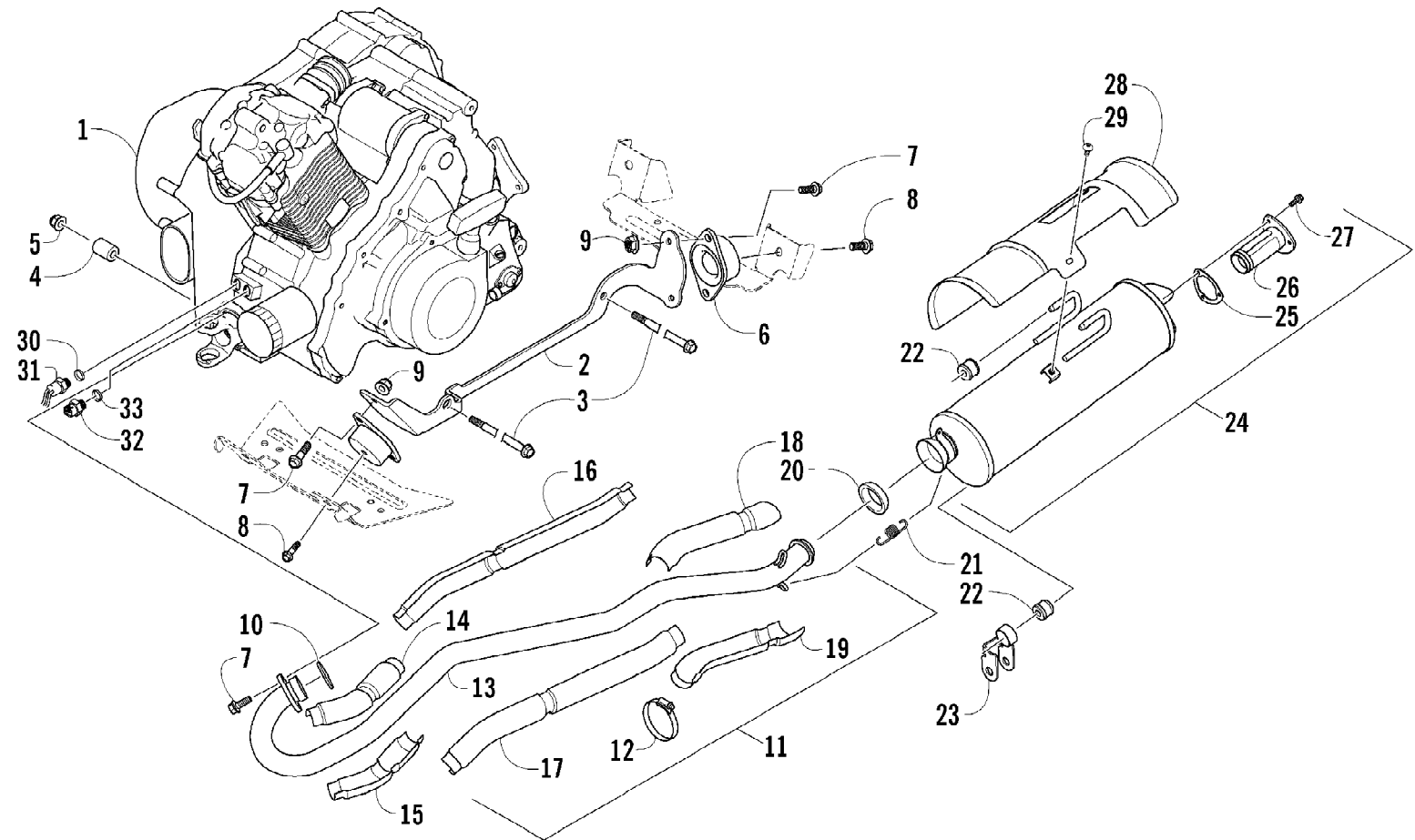
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 29 of 91
DECALS



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 30 of 91
 DECALS

Ref #	Part Number	Qty	S/P/F	Description
1	0411-666	1	F	Decal, Warning - Reverse/Pre-Ride
2	0411-894	1		Decal, Warning - Hill
3	0411-426	1		Decal, Warning - Clutch Cover
4	1411-048	1		Decal, Instrument Pod
5	1411-077	1		Decal, Warning - Towing
6	0411-833	1		Decal, Passenger
7	0411-832	1		Decal, Warning - Tire Pressure
8	1411-254	1		Decal, Side - Lower Right
8	1411-255	1		Decal, Side - Lower Left
9	1411-016	1		Decal, Side - Upper Right
9	1411-017	1		Decal, Side - Upper Left
10	0411-753	1	F	Decal, Warning - Age/General
11	1411-050	1	/P	Decal, "Speedrack"
12	0411-839	1		Decal, Front
13	1411-266	2		Decal, Graphic - TRV
14	1411-251	1		Decal, Warning - Seat/Passenger
15	0411-814	1	/P	Decal, "Arctic Cat" - White
16	1411-269	1		Decal, Warning - Passenger

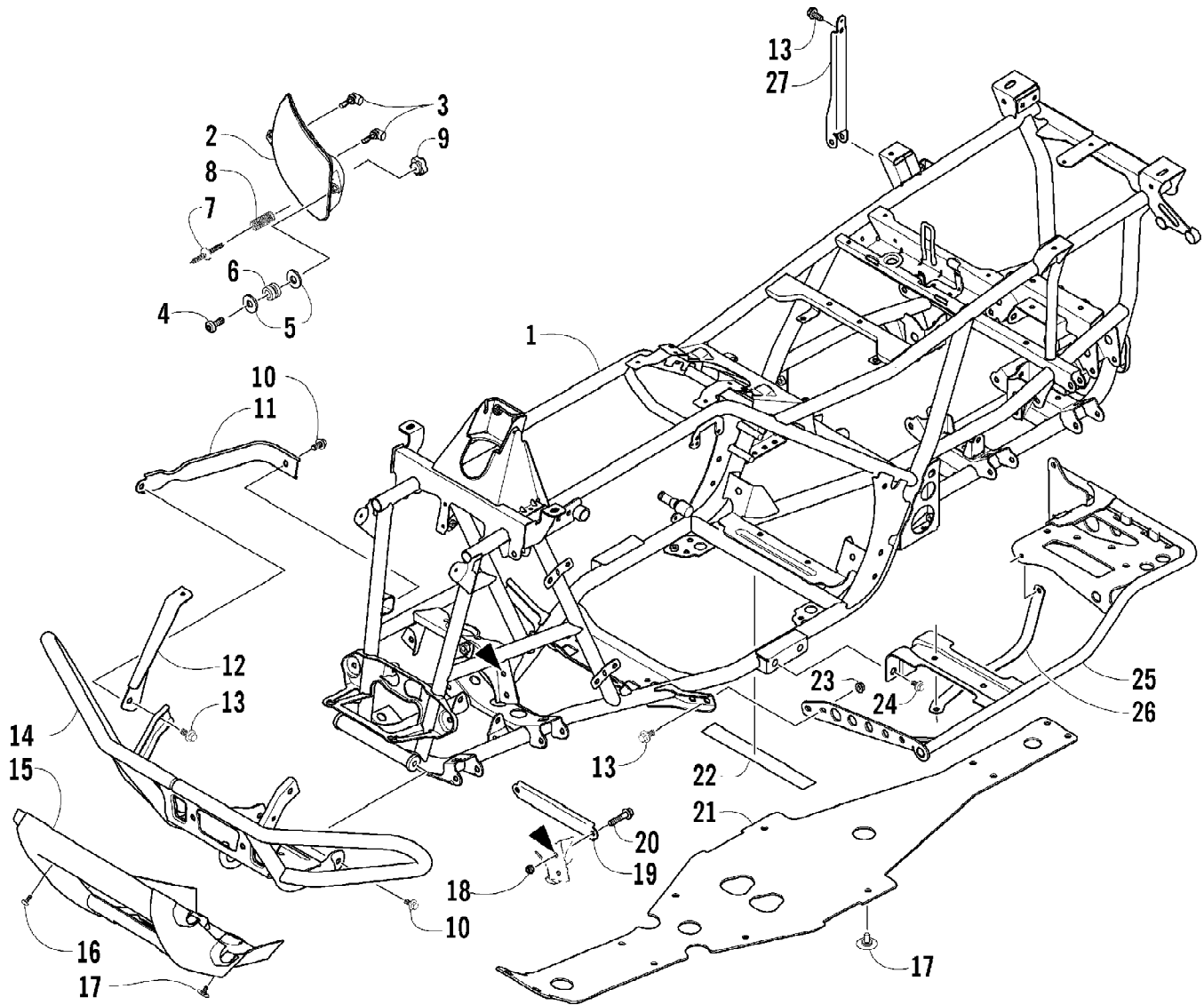
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 31 of 91
ENGINE AND EXHAUST



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 32 of 91
ENGINE AND EXHAUST

Ref #	Part Number	Qty	S/P/F	Description
1	0462-036	1		Engine
2	1506-740	1		Bracket, Engine Mounting - Right
2	1506-741	1		Bracket, Engine Mounting - Left
3	0423-405	2		Screw, Cap
4	0423-042	2	S	Spacer
5	8428-002	2		Nut, Lock
6	2406-065	4		Mount, Rubber - Engine
7	8408-820	10	/P	Screw, Cap
8	8408-012	4		Screw, Cap
9	8432-802	8		Nut, Lock
10	0412-007	1	/P	Seal, Exhaust Pipe
11	0512-262	1		Pipe, Exhaust - Assembly (inc. 12-19)
12	0423-317	6	/P	Clamp
13	0512-281	1		Pipe, Exhaust
14	0412-292	1		Shield, Exhaust Pipe - Front - Upper
15	0412-293	1		Shield, Exhaust Pipe - Front - Lower
16	0412-294	1		Shield, Exhaust Pipe - Center - Inner
17	0412-295	1		Shield, Exhaust Pipe - Center - Outer
18	0412-282	1		Shield, Exhaust Pipe - Rear - Upper
19	0412-283	1		Shield, Exhaust Pipe - Rear - Lower
20	0612-188	1	/P	Gasket, Exhaust Pipe
21	0612-668	2	/P	Spring, Extension
22	0412-215	3	S	Bushing
23	1506-732	1		Channel, Muffler Support
24	0512-306	1	/P	Muffler - Assembly (inc. 25-27)
25	0412-313	1		Gasket, Spark Arrester
26	0512-219	1	/P	Arrester, Spark - Assembly
27	8408-616	3		Screw, Cap
28	0412-373	1	/P	Cover, Muffler
29	8477-610	3		Screw, Machine
30	3402-013	1	/P	Gasket
31	3430-033	1		Switch, Cooling Fan
32	3530-037	1	/P	Switch, Oil Light
33	3402-556	1	/P	Gasket

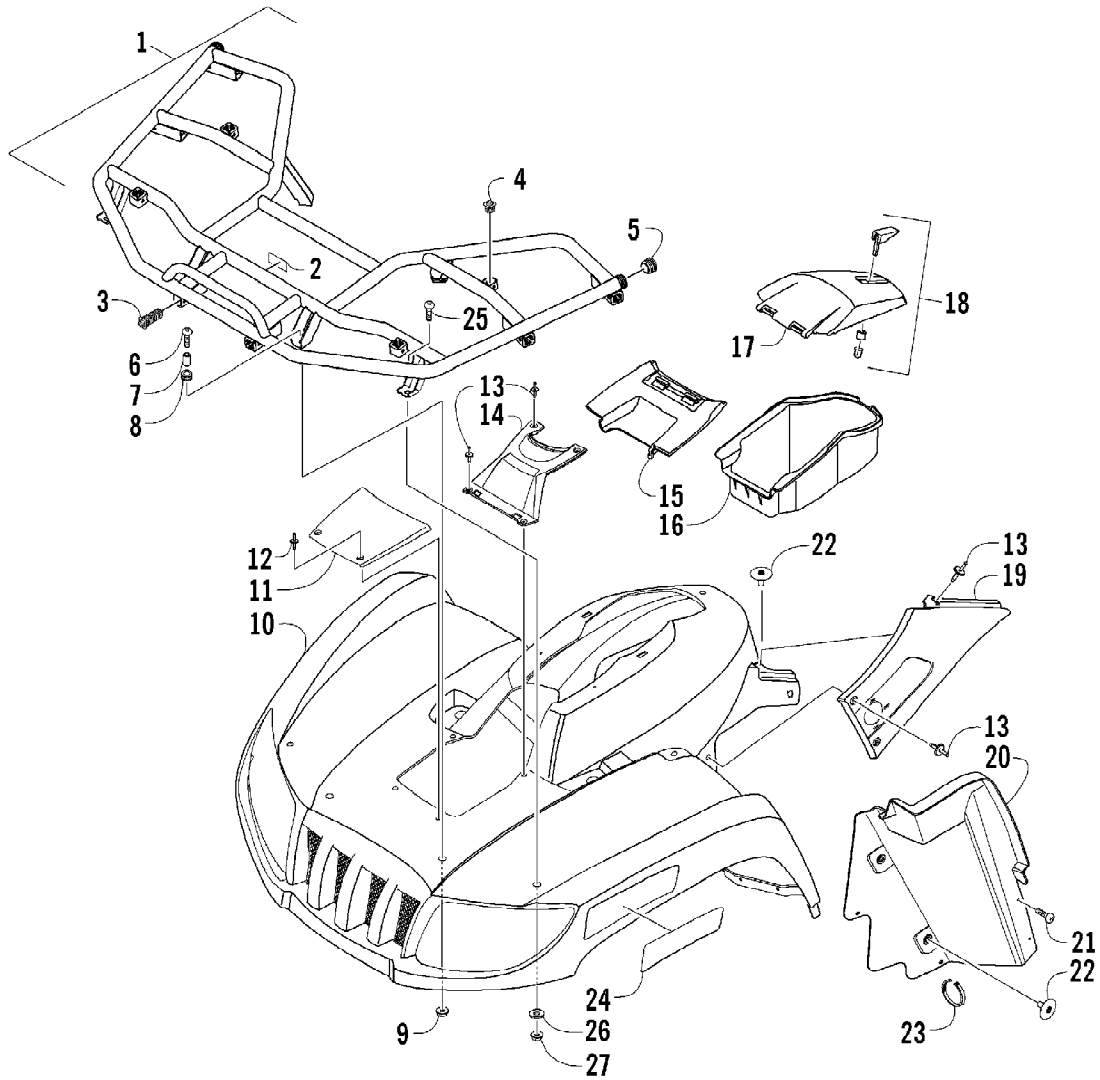
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 33 of 91
FRAME AND RELATED PARTS



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 34 of 91
 FRAME AND RELATED PARTS

Ref #	Part Number	Qty	S/P/F	Description
1	1506-864	1		Frame, Main
2	0509-034	1	S	Headlight Assembly - Right (inc. 3)
2	0509-035	1		Headlight Assembly - Left (inc. 3)
3	0409-055	4		Bulb, Headlight
4	0623-785	4		Screw, Self-Tapping
5	8050-217	8	/P	Washer
6	0423-447	4		Grommet
7	0423-514	2		Stud, Adjuster - Headlight
8	0423-522	2		Spring, Adjuster
9	0423-513	2		Knob, Adjuster
10	8409-020	4	/P	Screw, Cap
11	1506-596	1	/P	Channel, Bumper Mounting - Right
11	0506-653	1	S	Channel, Bumper Mounting - Left
12	1506-562	1		Bracket, Mounting - Bumper - Right
12	1506-563	1		Bracket, Mounting - Bumper - Left
13	8408-816	11		Screw, Cap
14	1506-855	1	/P	Bumper
15	1406-360	1		Grille, Bumper
16	0423-419	2		Screw, Machine
17	0423-101	16		Screw, Shoulder
18	8428-002	2		Nut, Lock
19	1506-429	1	S	Brace, A-Arm
20	8409-025	2		Screw, Cap
21	2406-091	1		Panel, Belly
22	0406-289	1		Pad, Foam
23	8424-802	8		Nut
24	8409-016	4		Screw, Cap
25	1506-846	1		Footrest - Right
25	1506-847	1		Footrest - Left
26	1506-994	1		Strap, Footrest - Right
26	1506-995	1		Strap, Footrest - Left
27	1506-548	1		Channel, Shock Support

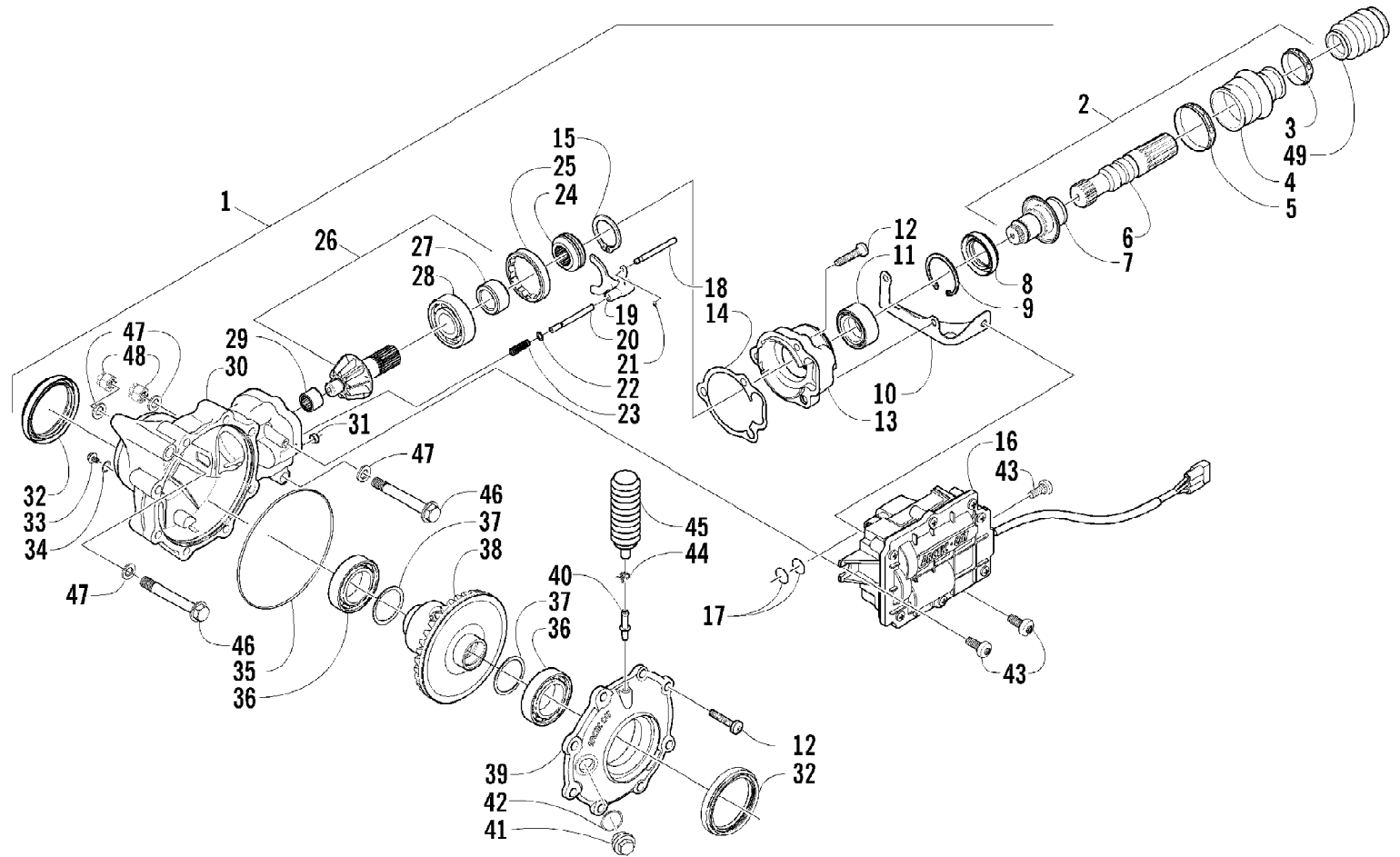
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 35 of 91
FRONT BODY PANEL ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 36 of 91
 FRONT BODY PANEL ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0541-272	1		Rack - Front - Assembly (inc. 2-5)
2	0411-576	1		Decal, Warning - Front Rack Load
3	2406-014	6		Bushing, Rack
4	0441-592	4	/P	Bushing, Rack
5	1441-049	2		Plug, Rack
6	8410-830	4		Screw, Machine
7	0423-463	4		Spacer
8	0423-465	4		Grommet
9	8432-802	4		Nut, Lock
10	1406-613	1	S	Panel, Fender - Front
11	1406-358	1		Cover, Access
12	0423-535	2		Rivet, Reinstallable
13	0623-362	10		Rivet, Reinstallable
14	1406-484	1		Cover, Steering Post
15	0470-513	1		Cover, Storage Box
16	1406-573	1		Box, Storage
17	0470-514	1		Lid, Storage Box
18	1406-599	1		Latch, Storage Box
19	1406-313	1		Panel, Side - Right
19	1406-314	1		Panel, Side - Left
20	1406-354	1		Panel, Splash - Right
20	1406-355	1	S	Panel, Splash - Left
21	0423-342	4	/P	Screw, Self-Tapping
22	0423-101	5		Screw, Body
23	0123-788	AR	/P	Cable Tie - 7.5 in.
24	0411-818	1		Decal, Reflector - Front - Right
24	0411-819	1		Decal, Reflector - Front - Left
25	0423-355	2		Screw, Shoulder
26	8050-222	2	/P	Washer
27	8424-602	2	/P	Nut, Lock

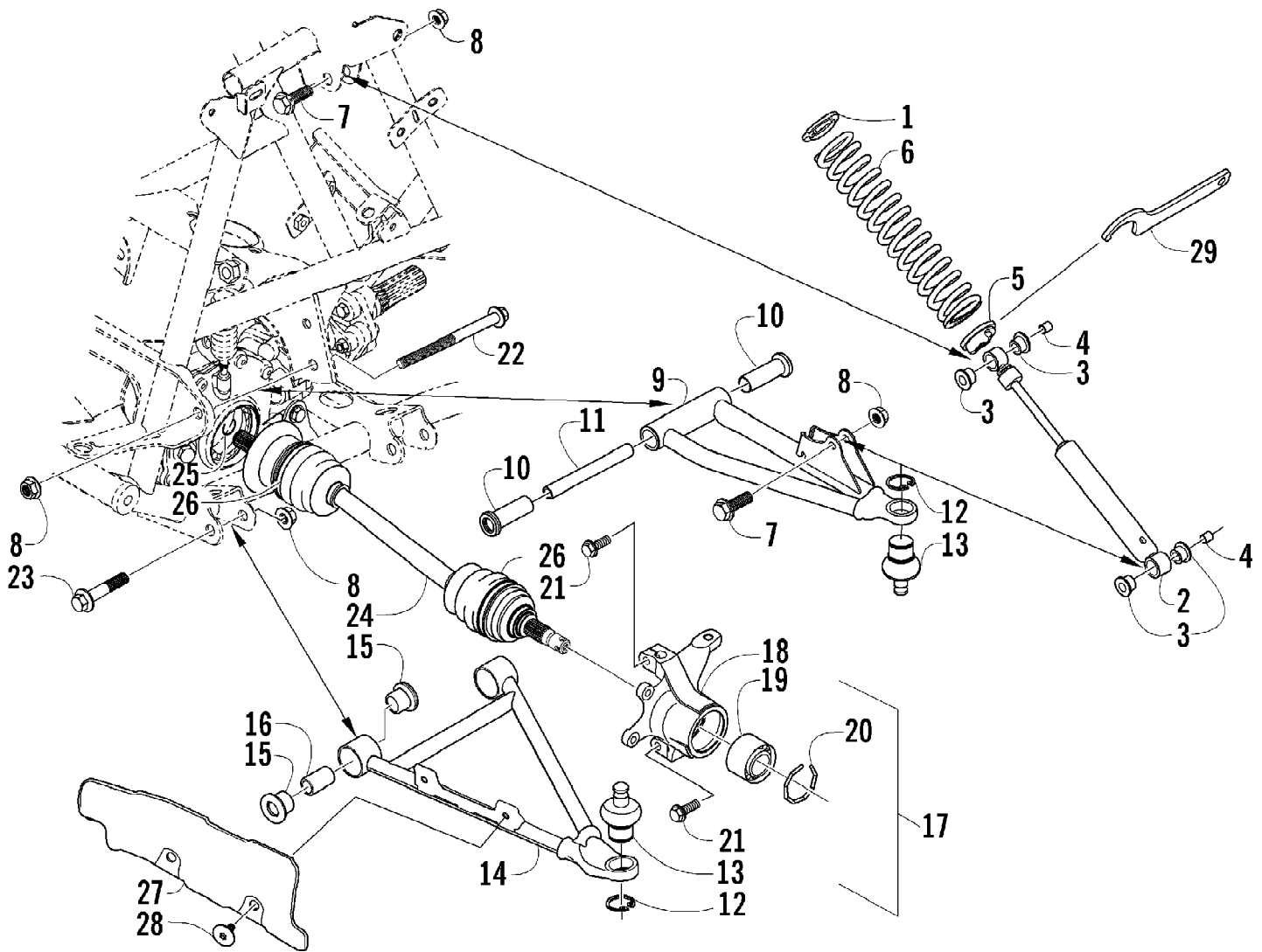
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 37 of 91
FRONT DRIVE GEARCASE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 38 of 91
 FRONT DRIVE GEARCASE ASSEMBLY

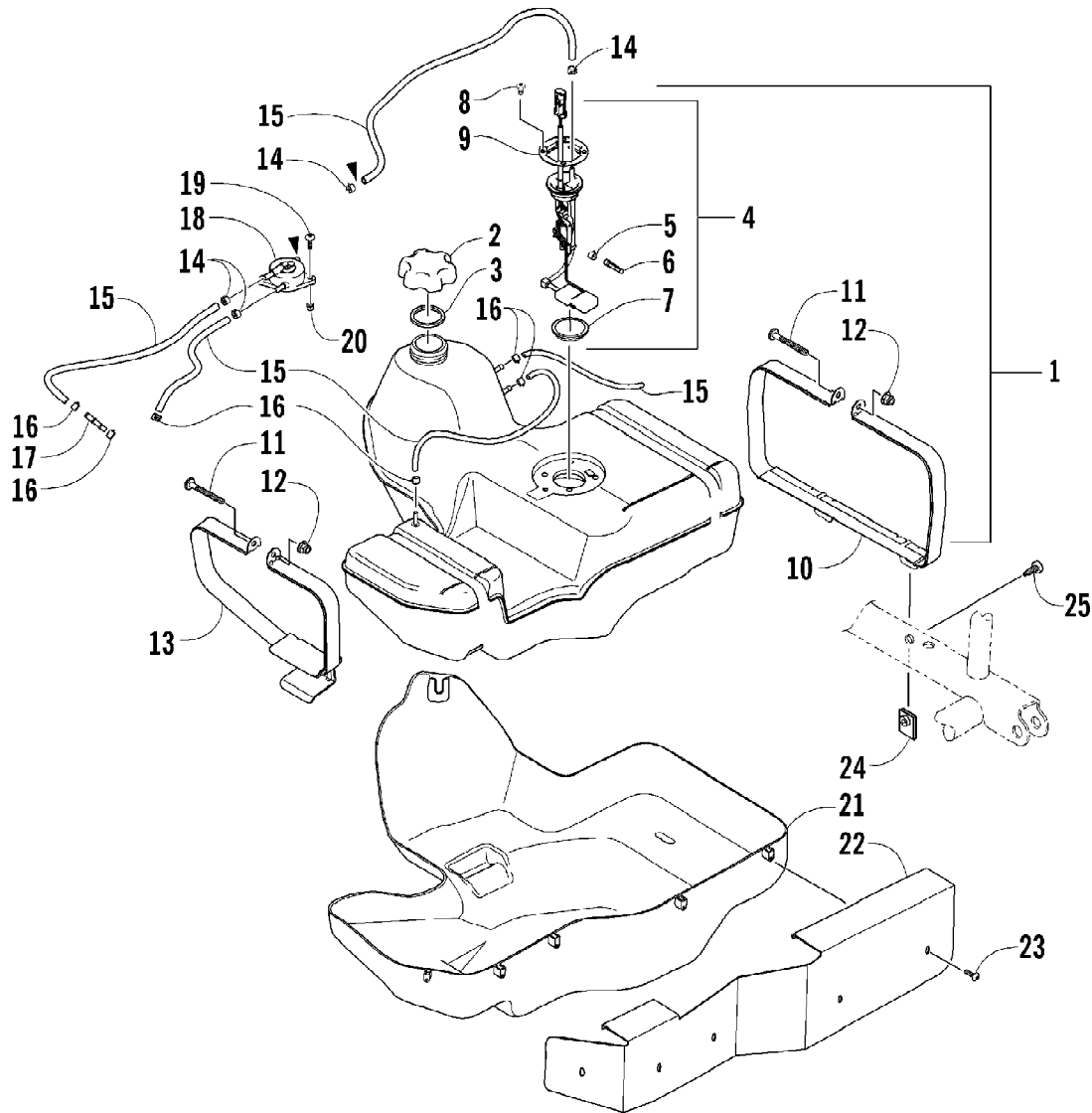
Ref #	Part Number	Qty	S/P/F	Description
1	0502-815	1		Gearcase, Front Drive - Assembly (inc. 2-43)
2	0502-386	1		Shaft, Propeller - Assembly (inc. 3-7)
3	0423-411	1		Clamp, Boot
4	0402-985	1	/P	Boot, Propeller Shaft
5	0423-393	1		Clamp, Boot
6	1402-046	1		Shaft, Output
7	0502-407	1	S	Shaft, Input
8	1402-011	1		Seal
9	0423-423	1		Ring, Retaining
10	0502-347	1		Bracket, Actuator
11	1402-043	1		Bearing
12	0423-118	11		Screw, Self-Tapping
13	0502-528	1	/P	Housing, Pinion
14	0402-947	1		Gasket, Flange
15	0423-417	1		Ring, Retaining
16	0502-296	1		Actuator (inc. one No. 17)
17	0423-498	2	S	O-Ring
18	0402-997	1		Shaft, Selector
19	0402-998	1		Fork, Selector
20	0402-417	1		Shaft, Shuttle
21	0423-402	1		Ring, Retaining
22	0423-147	1		O-Ring
23	0402-999	1		Spring, Return
24	0402-413	1		Coupler, Drive
25	0402-357	1		Collar, Lock
26	0502-783	1		Gear, Pinion - Assembly - 10T (inc. 27-28)
27	0402-336	1		Collar, Retaining
28	0402-327	1		Bearing
29	0402-328	1		Bearing
30	0502-120	1		Housing, Gearcase
31	0402-411	1		Pin, Dowel
32	0402-394	2	S	Seal
33	0402-450	1	S	Plug, Magnetic (inc. 34)
34	0423-153	1		O-Ring
35	0423-149	1		O-Ring
36	0402-393	2		Bearing
37	0402-405	AR		Shim
37	0402-406	AR		Shim
37	0402-407	AR		Shim
37	0402-408	AR		Shim
37	0402-409	AR		Shim
38	0502-779	1		Gear, Ring - 36T
39	0502-121	1		Cover, Gearcase
40	1402-104	1		Fitting
41	0402-333	1	/P	Plug, Fill (inc. 42)
42	0423-154	1		O-Ring
43	0423-396	3		Screw, Self-Tapping
44	0423-315	1		Clamp, Fitting
45	0402-147	1	S	Bladder, Gearcase
46	0423-404	2		Screw, Cap
47	0423-426	4		Washer
48	8428-002	2		Nut, Lock
49	0402-966	1		Pin, Shaft

2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 39 of 91
FRONT SUSPENSION ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 40 of 91
 FRONT SUSPENSION ASSEMBLY

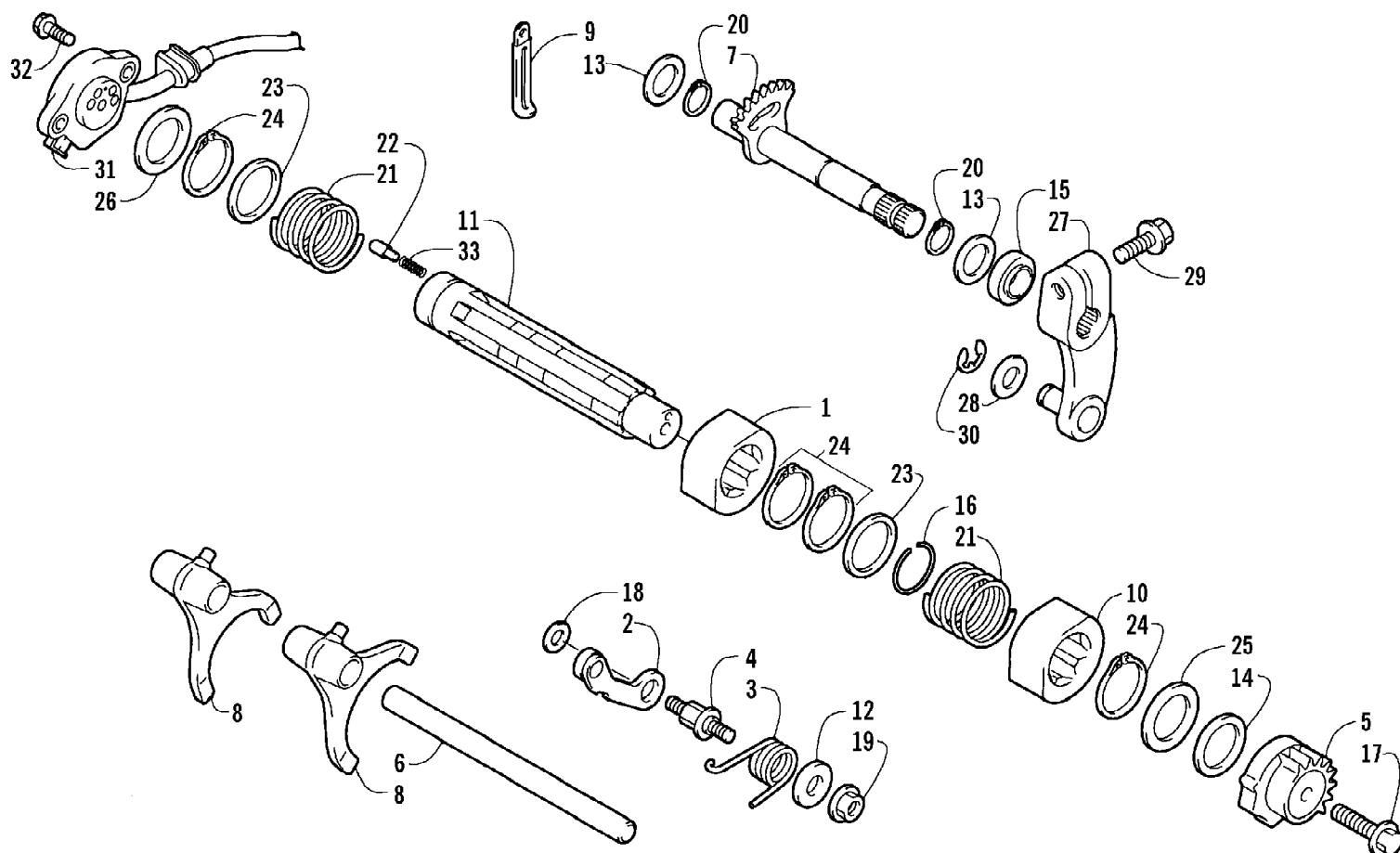
Ref #	Part Number	Qty	S/P/F	Description
1	1603-889	2	/P	Retainer, Spring
2	0403-137	2	/P	Shock Absorber - Front (inc. 3-4)
3	0604-310	8		Bushing, Shock Absorber
4	0403-028	4		Sleeve, Shock
5	0403-102	2		Cam, Spring Adjuster
6	0503-317	2		Spring, Shock Absorber
7	8409-040	4		Screw, Cap
8	8428-002	10		Nut, Lock
9	0503-196	1	S	A-Arm, Upper Right (inc. 10-13)
9	0503-197	1		A-Arm, Upper Left (inc. 10-13)
10	0403-081	4	S	Bushing
11	0403-080	2		Collar
12	0423-009	4	/P	Clip, Ball Joint
13	0405-115	4	/P	Ball Joint - Front
14	0503-220	1		A-Arm, Lower Right (inc. 12-13 and 15-16)
14	0503-221	1		A-Arm, Lower Left (inc. 12-13 and 15-16)
15	0403-115	8	S	Bushing
16	0403-114	4	S	Collar
17	0505-460	1		Knuckle - Assembly - Right (inc. 18-20)
17	0505-461	1	S	Knuckle - Assembly - Left (inc. 18-20)
18	0	1	F	Knuckle, Steering - Right
18	0	1	F	Knuckle, Steering - Left
19	1402-027	2	S/P	Bearing, Wheel Hub
20	0423-423	2		Ring, Retaining
21	8409-030	4		Screw, Cap
22	0423-334	2		Screw, Cap
23	8409-075	4		Screw, Cap
24	0502-812	2	S	Axle, Drive - Front (inc. 25-26)
25	0441-400	2	S	Clip, Retaining
26	0436-276	2	S	Repair Kit, Boot - Front
27	1441-002	1		Guard, Boot - Right
27	1441-003	1		Guard, Boot - Left
28	0423-101	4		Screw, Body
29	0441-587	1		Wrench, Spanner



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) (Page 42 of 91)
 GAS TANK ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0570-111	1	S	Tank, Gas - Assembly (inc. 2-9)
2	0470-438	1	/P	Cap, Gas Tank (inc. 3)
3	0109-733	1	/P	Gasket, Gas Tank Cap
4	0570-114	1	S/P	Sensor, Fuel Level (inc. 5-7)
5	0423-603	1		Clamp, Hose
6	0470-475	1		Filter, Fuel
7	0470-521	1		Seal, Fuel Level Sensor
8	1623-158	4		Screw, Self-Tapping
9	0470-567	1	S	Plate, Mounting - Fuel Level Sensor
10	0570-131	1		Strap, Gas Tank Mounting
11	8476-650	2		Screw, Machine
12	8427-602	2		Nut, Lock
13	0570-132	1		Strap, Gas Tank Mounting
14	0423-461	4	S	Clamp, Hose
15	0410-070	AR	/P	Hose, Gasline - 25 ft
16	1623-233	6		Clamp, Hose
17	0470-527	1	S	Fitting, Straight
18	0470-519	1	S	Pump, Fuel
19	8476-620	2		Screw, Machine
20	0623-038	2		Nut w/Washer
21	0470-479	1		Shield, Heat
22	0470-474	1		Shield, Heat
23	0623-797	5		Screw, Self-Tapping
24	0470-536	2		Clip, U-Nut
25	0423-609	2		Screw, Shoulder

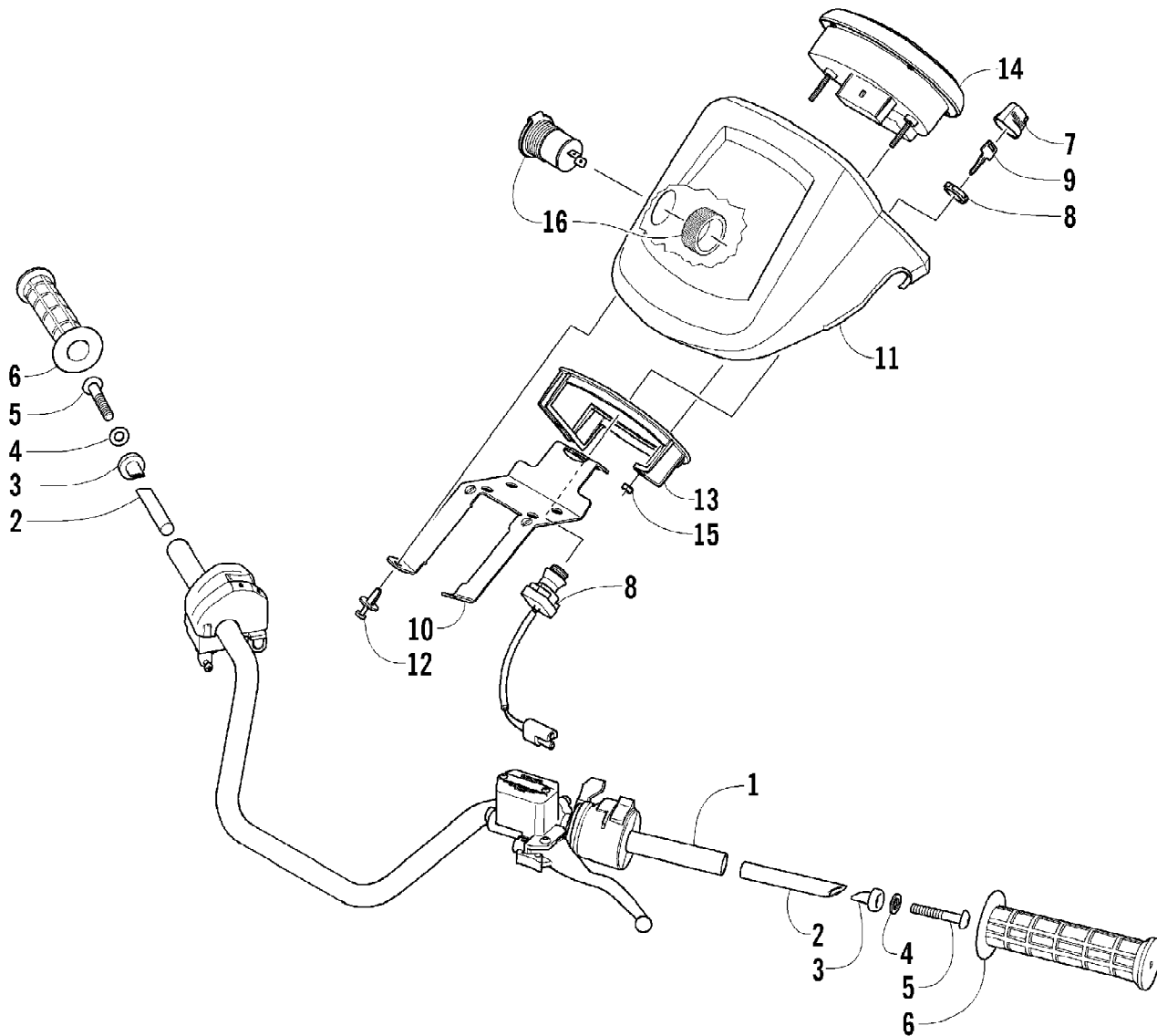
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 43 of 91
GEAR SHIFTING ASSEMBLY



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 GEAR SHIFTING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-640	1		Cam, Reverse
2	3446-043	1		Stopper, Cam
3	3446-283	1		Spring, Cam Stopper
4	3446-048	1		Support, Cam Stopper
5	3402-642	1		Plate, Gear Shift Cam
6	3402-643	1		Shaft, Shift Fork
7	3402-644	1		Shaft, Sub-Gear Shift
8	3446-073	2		Fork, Shift
9	3004-787	1		Clamp, Wire
10	3402-670	1		Cam, Gear Shift
11	3446-281	1		Shaft, Gear Shift
12	3423-438	1		Washer, Cam Stopper Spring
13	1691-043	2		Washer, Sub-Gear Shift Shaft
14	3423-446	1		Washer, Gear Shift Cam Plate
15	3402-076	1		Seal, Sub-Gear Shift Shaft
16	3423-416	1		C-Ring, Cam
17	3004-376	1	S/P	Bolt, Gear Shift Cam Plate
18	3423-141	1		Washer, Cam Stopper
19	3004-488	1	S/P	Nut, Cam Stopper Spring
20	3423-358	2	S	Circlip, Sub-Gear Shift Shaft
21	3446-280	2		Spring, Cam
22	3423-044	2		Contact
23	3402-382	2		Washer, Cam Spring
24	3423-191	4	/P	Circlip, Cam Spring
25	3402-195	1		Washer, Shift Shaft
26	3423-421	1	/P	Washer, Shift Shaft
27	3402-434	1	/P	Arm, Select
28	3423-204	1	/P	Washer, Select Arm
29	3004-341	1	S/P	Bolt, Select Arm
30	3423-153	1		E-Ring
31	3402-997	1		Base, Gear Shift - Assembly
32	3423-418	2		Bolt
33	3402-087	2		Spring

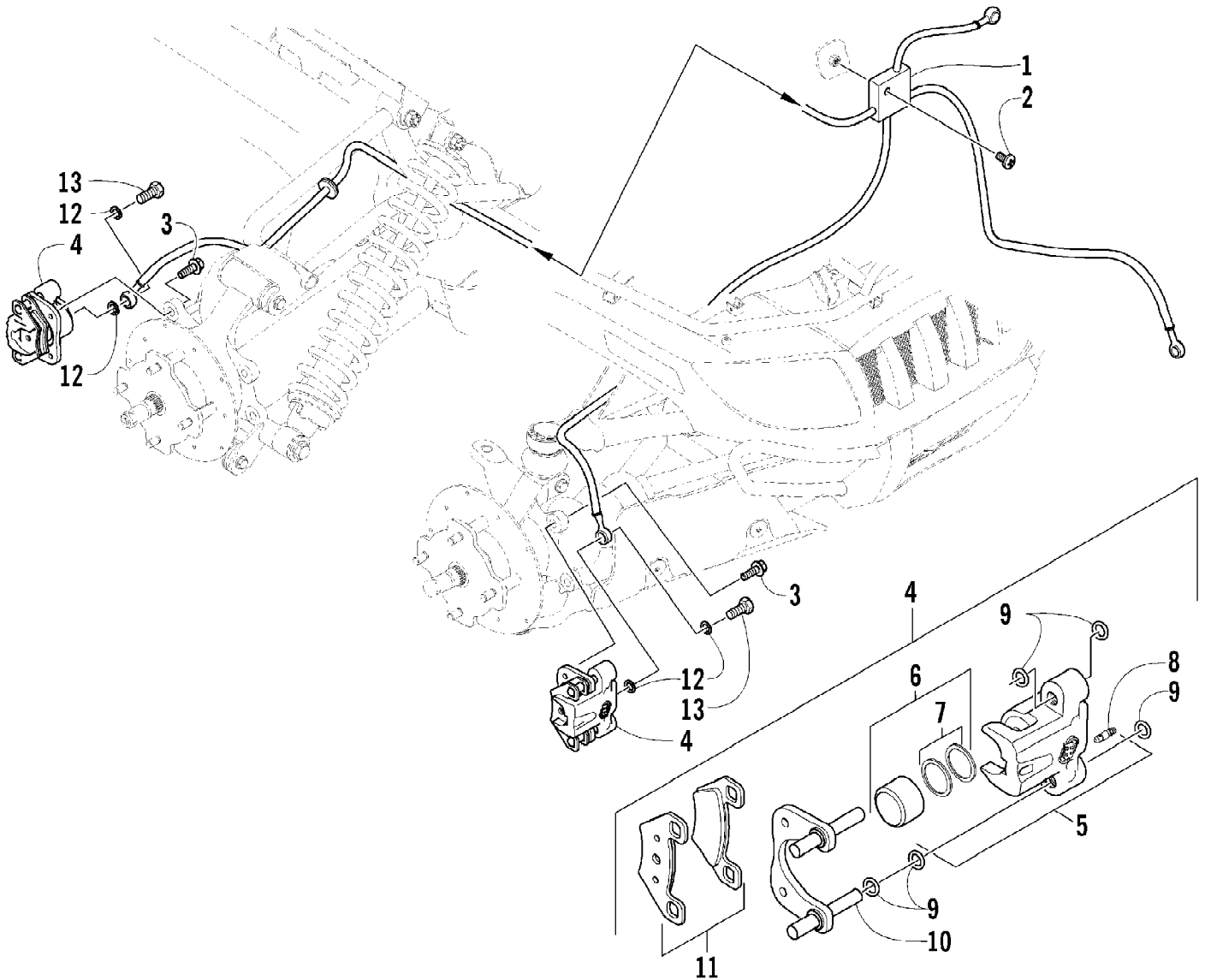
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 45 of 91
HANDLEBAR ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 46 of 91
 HANDLEBAR ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0505-418	1	/P	Tube, Handlebar
2	0405-218	2		Plug, Handlebar
3	0405-149	2		End Cap, Handlebar
4	8050-247	2	/P	Washer
5	8477-845	2		Screw, Machine
6	0405-147	2		Grip, Handlebar
7	0409-013	1		Cover, Key
8	3430-040	1		Switch, Ignition - Assembly (inc. 9)
9	3409-007	1	/P	Key, Ignition - Blank (C Series)
9	3409-011	1		Key, Ignition - Blank (D Series)
9	3409-012	1		Key, Ignition - Blank (E Series)
9	3409-013	1		Key, Ignition - Blank (F Series)
10	1506-578	1		Bracket, Mounting - Instrument Pod
11	0405-189	1		Instrument Pod
12	0423-535	2		Rivet, Reinstallable
13	0420-065	1	/P	Clamp
14	0520-014	1		Gauge, LCD
15	0423-493	2		Nut, Hex
16	0641-897	1	/P	Outlet, Accessory - 12V

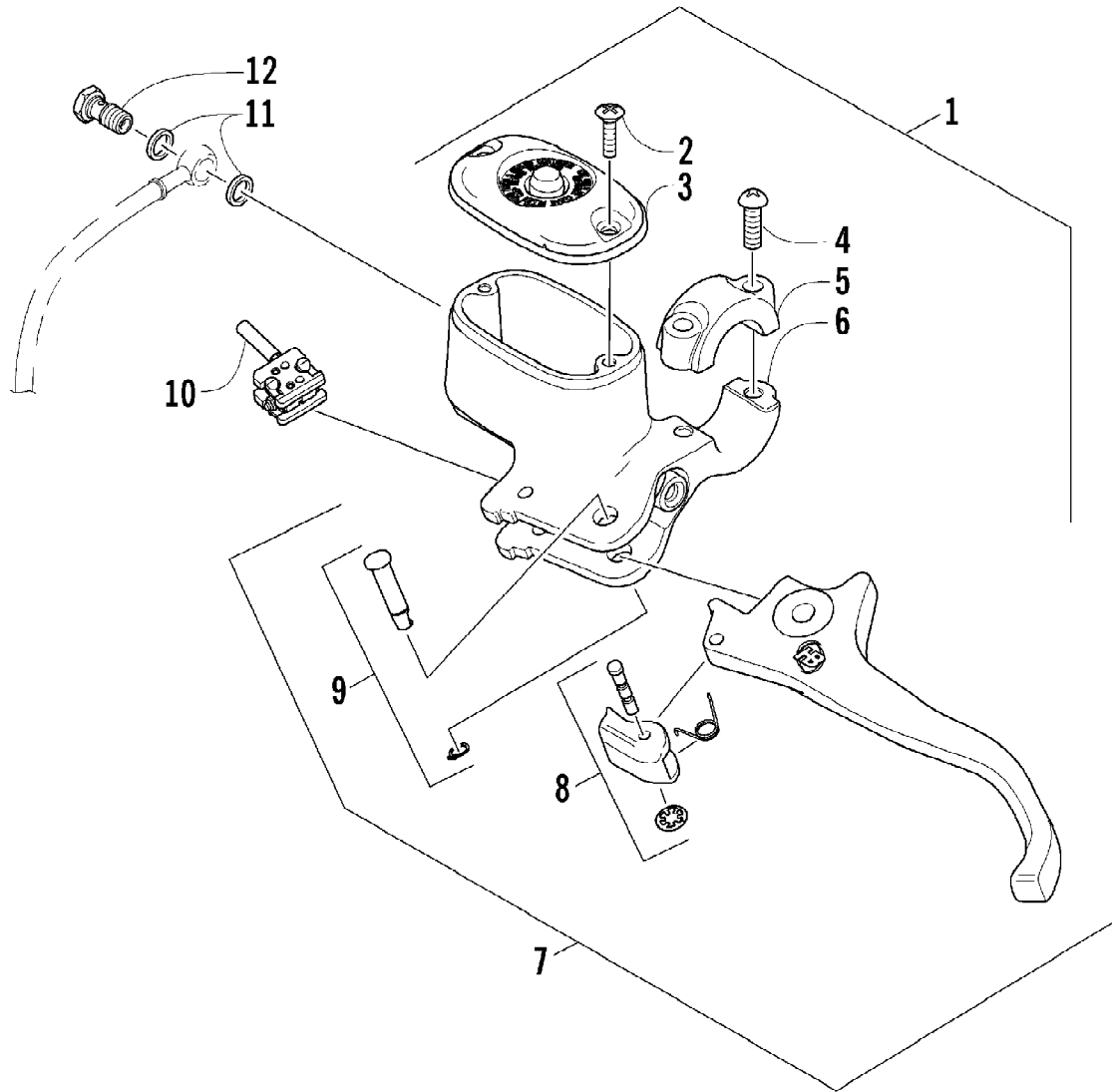
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 47 of 91
HYDRAULIC BRAKE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 48 of 91
 HYDRAULIC BRAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-628	1		Hose, Brake - Assembly
2	8476-625	1		Screw, Cap
3	8408-820	6	/P	Screw, Cap
4	0502-602	1	S	Caliper, Brake - Right Front (inc. 5-11)
4	0502-610	2	S	Caliper, Brake - Left Front and Right Rear (inc. 5-11)
5	0502-603	1	S	Housing, Caliper - Assembly - Right Front (inc. 6-8)
5	0502-611	2	S	Housing, Caliper - Assembly - Left Front and Right Rear (inc. 6-8)
6	0502-606	3		Piston/Seal Set (inc. 7)
7	0502-607	3		Seal Set
8	0502-609	3	/P	Valve, Bleed
9	0502-608	3		O-Ring, Guide - Set
10	0502-605	3		Bracket Assembly
11	0502-875	3	S	Pad, Brake - Set
12	0423-178	6		Washer, Crush
13	0423-413	3		Bolt, Banjo Fitting

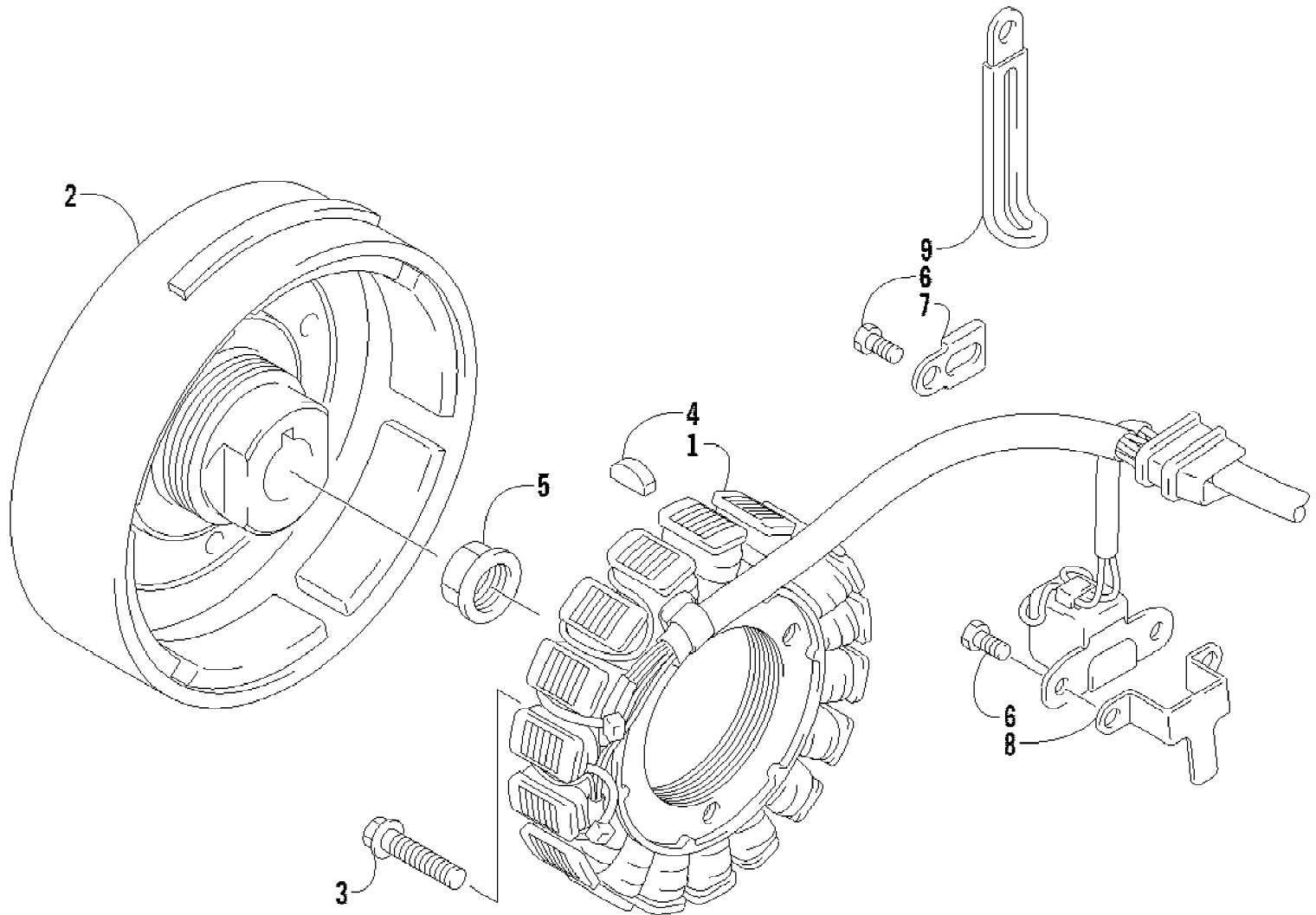
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 49 of 91
HYDRAULIC HAND BRAKE ASSEMBLY



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 HYDRAULIC HAND BRAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-914	1	S	Brake Assembly (inc. 2-10)
2	0502-566	1		Screw, Reservoir Cover - Kit
3	0502-868	1	/P	Cover, Reservoir - Kit
4	0502-568	1		Screw, Master Cylinder Clamp - Kit
5	0502-869	1		Clamp, Master Cylinder - Kit
6	0502-704	1		Master Cylinder Assembly - Kit
7	0502-866	1		Lever Assembly - Kit (inc. 8-9)
8	0502-867	1	/P	Lock, Brake Lever - Kit
9	0502-580	1		Lever Pin - Kit
10	0502-564	1	/P	Switch, Brake - Kit
11	0423-178	2		Washer, Crush
12	0423-413	1		Bolt, Banjo-Fitting

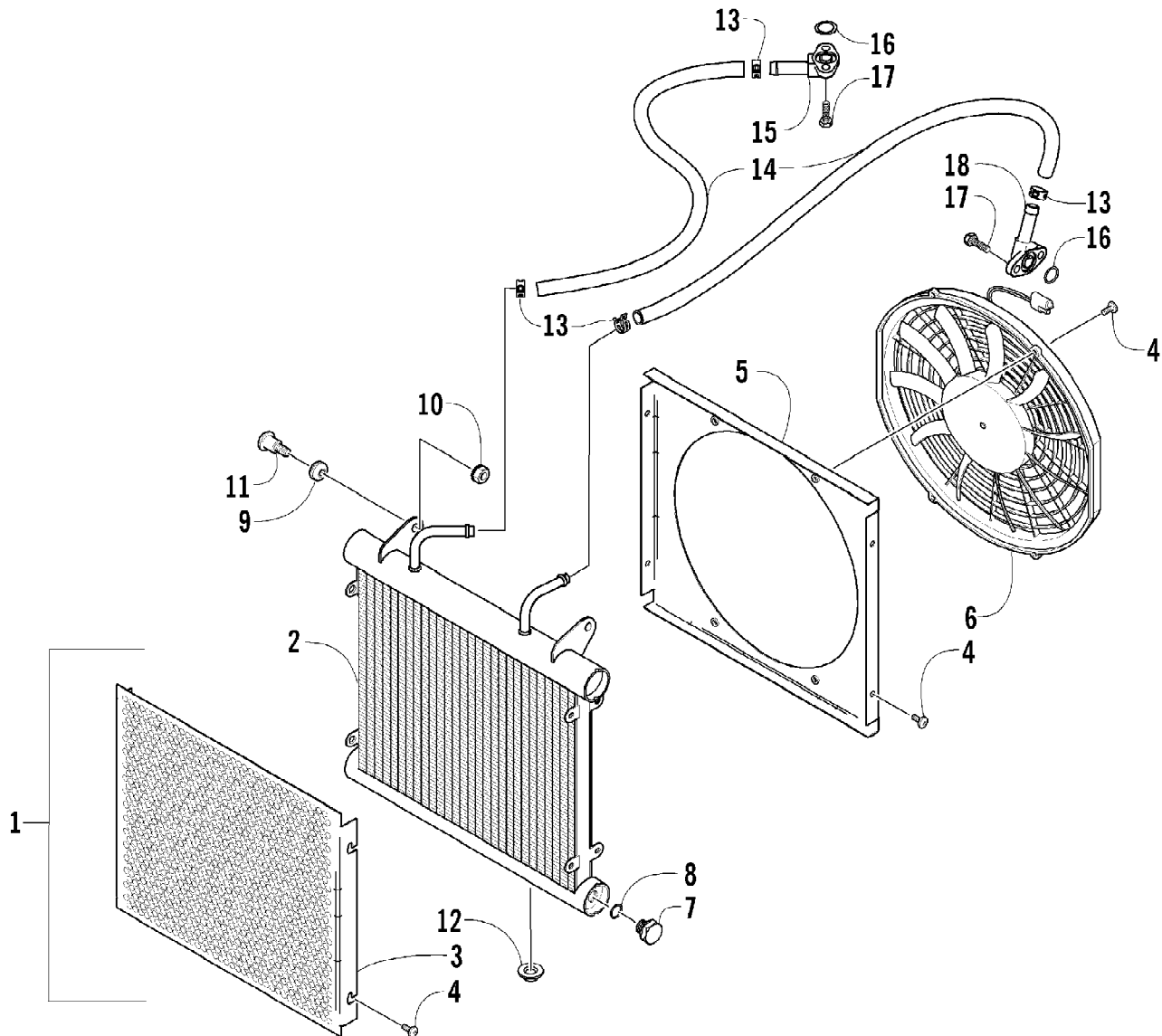
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 51 of 91
MAGNETO ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 52 of 91
MAGNETO ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3430-053	1		Stator Assembly
2	3430-054	1	S	Rotor/Flywheel
3	3004-756	3	S	Bolt
4	0691-785	1		Key
5	3423-086	1		Nut
6	3423-005	3	/P	Bolt
7	3430-005	1		Clamp
8	3430-006	1		Clamp
9	3002-964	1	/P	Clamp, Wire

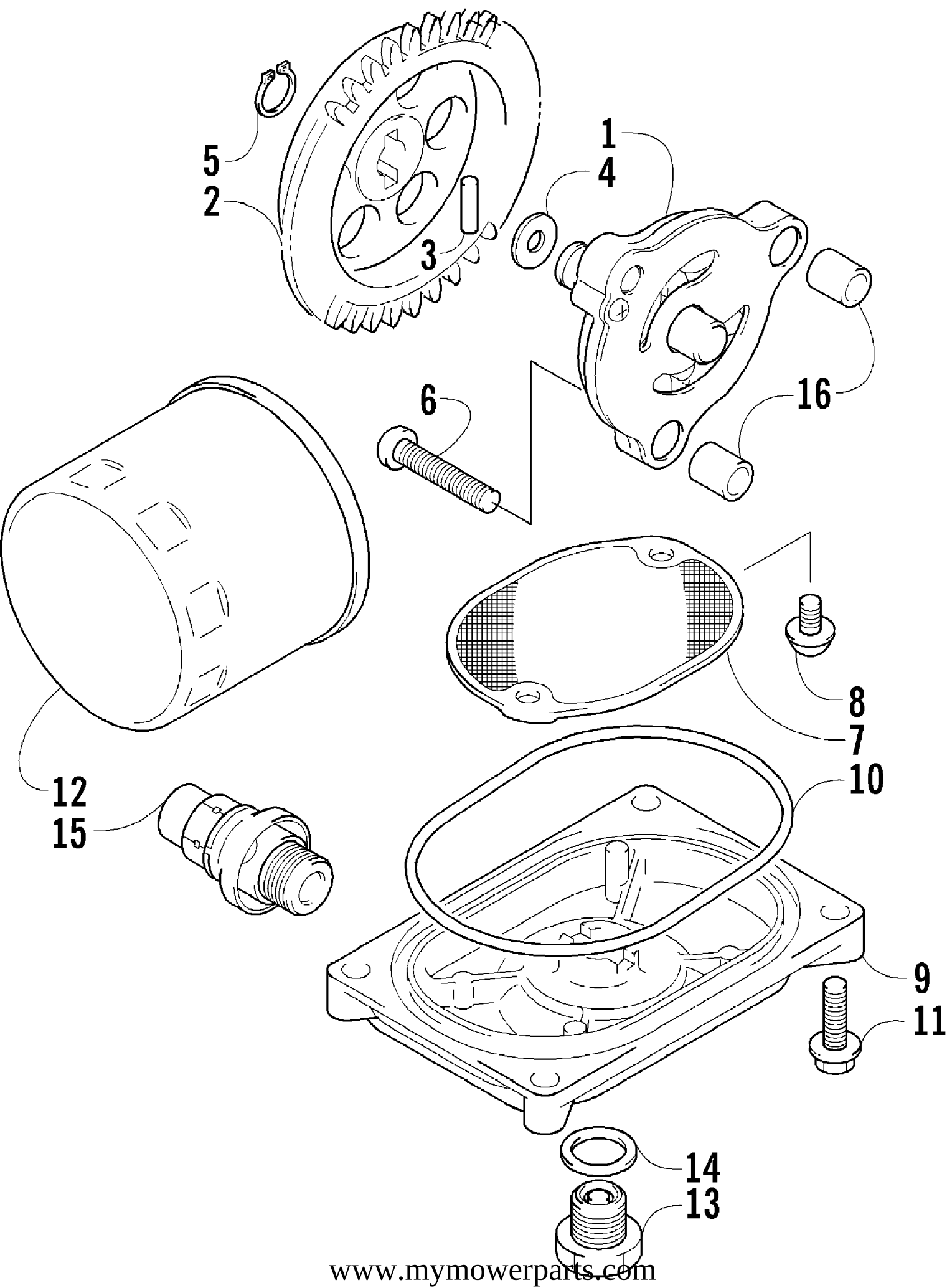
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 53 of 91
OIL COOLER ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 54 of 91
 OIL COOLER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0413-118	1		Cooler, Oil - Assembly (inc. 2-9)
2	0413-053	1		Cooler, Oil
3	0413-007	1		Screen, Oil Cooler
4	8475-512	12		Screw, Machine
5	0413-064	1		Shroud, Fan
6	0413-044	1	S	Fan, Cooling
7	0413-058	1		Plug, Drain
8	0413-059	1		O-Ring
9	0423-030	2		Grommet
10	0623-038	2		Nut w/Washer
11	0423-484	2		Screw, Shoulder
12	0423-028	2		Bushing, Stem
13	0423-098	4	/P	Clamp, Hose
14	0410-044	2		Hose, Oil
15	0410-013	1		Fitting, Oil
16	0423-089	2		O-Ring, Oil Fitting
17	8471-616	4		Screw, Cap
18	0410-012	1		Fitting, Oil - Angled

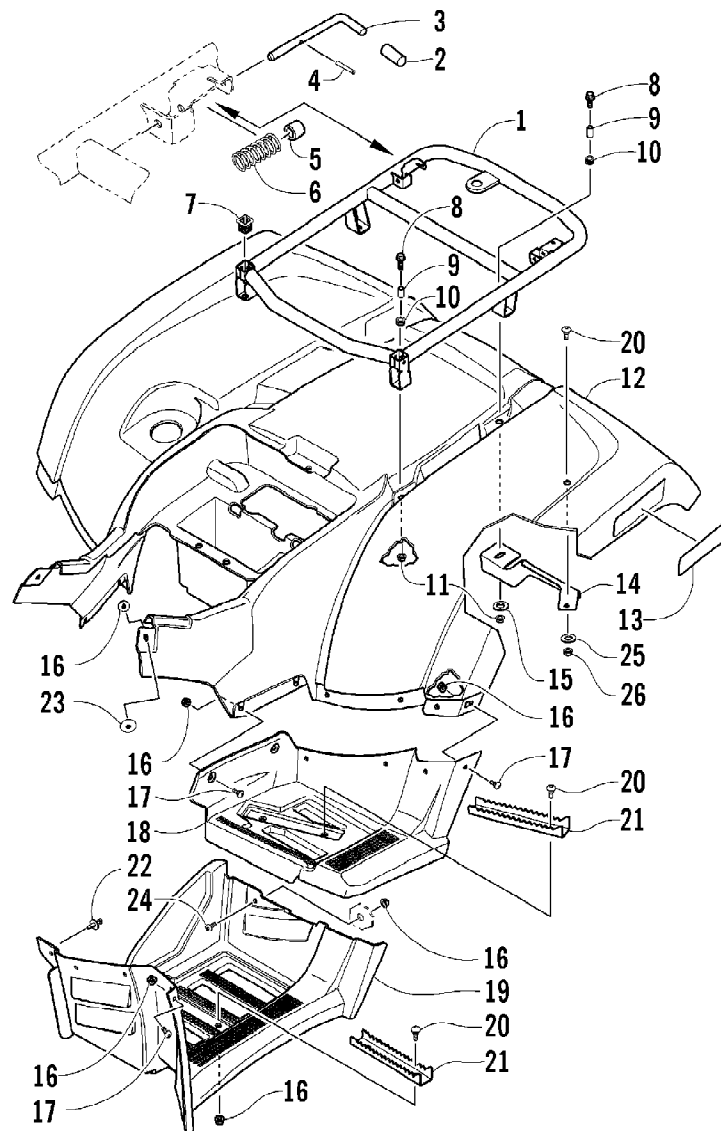
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 55 of 91
OIL FILTER/PUMP ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B056) 56 of 91
 OIL FILTER/PUMP ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-619	1		Pump, Oil
2	3402-618	1		Gear, Driven
3	3423-046	1		Pin
4	3423-443	1		Washer
5	3423-184	1	S	Circlip
6	3423-113	3	S/P	Screw
7	3402-156	1		Strainer, Oil
8	0693-389	2	S	Screw
9	3402-157	1		Cap, Oil Strainer
10	3423-077	1		O-Ring
11	3004-756	4	S	Screw, Cap
12	0812-005	1	S	Filter, Oil
13	3403-021	1	/P	Plug, Drain
14	3402-012	1		Gasket, Drain Plug
15	3402-773	1		Valve, Oil-Relief - Assembly
16	3005-206	2	/P	Pin, Oil Pump

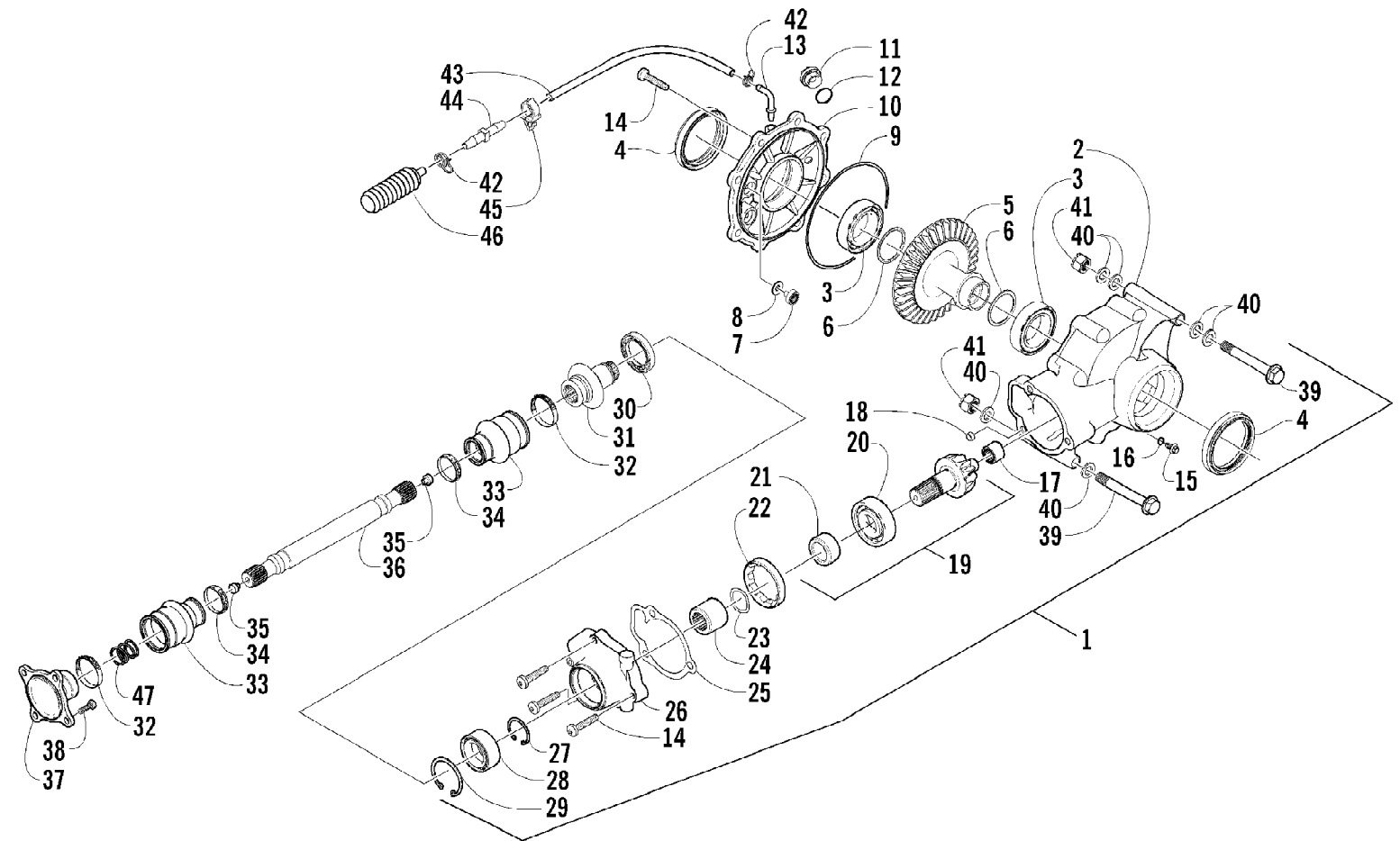
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 57 of 91
REAR BODY PANEL ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) (Page 58 of 91)
 REAR BODY PANEL ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-873	1	S	Rack, Rear - Assembly (inc. 2-7)
2	1441-317	2		Cap, Vinyl
3	0541-448	2		Pin - Assembly (inc. 4)
4	0423-635	2		Pin, Roll
5	0423-036	2		Collar
6	0423-636	2		Spring
7	0441-592	4	/P	Bushing, Rack
8	8410-830	4		Screw, Machine
9	0423-463	4		Spacer
10	0423-465	4		Grommet
11	8432-802	4		Nut, Lock
12	2406-039	1	S	Panel, Fender
13	0411-820	1	S	Decal, Reflector - Right
13	0411-821	1	S	Decal, Reflector - Left
14	2506-092	1		Bracket, Rear Fender - Right
14	2506-093	1		Bracket, Rear Fender - Left
15	0423-087	2		Washer
16	0423-540	34		Nut, Lock
17	0423-419	22		Screw, Machine
18	2406-042	1		Footwell, Rear - Right
18	2406-043	1		Footwell, Rear - Left
19	1506-813	1		Footwell - Right
19	1506-814	1	S	Footwell - Left
20	0423-355	8		Screw, Shoulder
21	1506-125	4	/P	Footpeg
22	0623-362	2		Rivet, Reinstallable
23	0423-101	2		Screw, Body
24	8477-620	2		Screw, Machine
25	0623-184	2		Washer
26	8424-602	2	/P	Nut, Hex

2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 59 of 91
REAR DRIVE GEARCASE ASSEMBLY



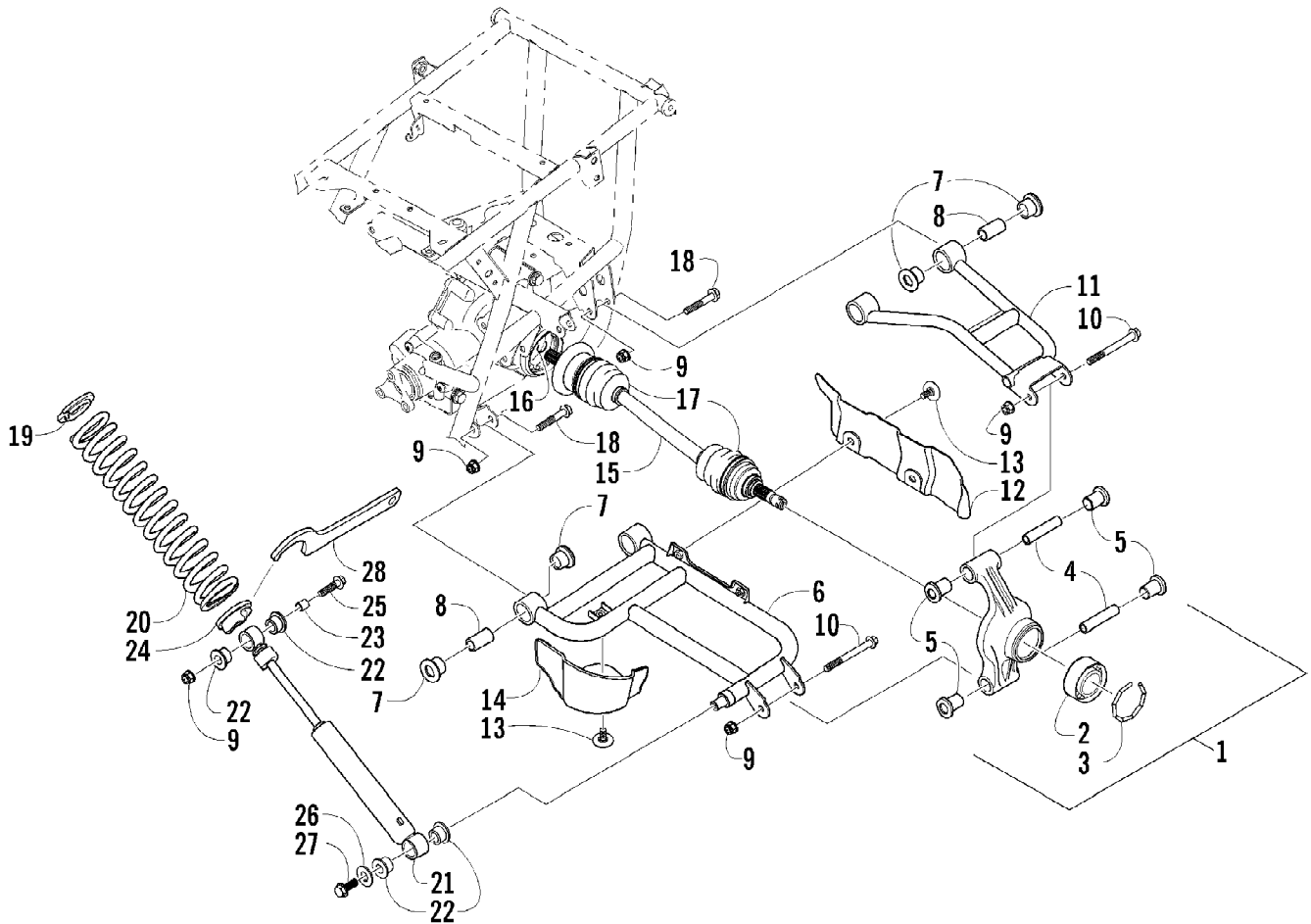
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 60 of 91
 REAR DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0502-820	1	/P	Gearcase, Rear Drive - Assembly (inc. 2-31)
2	0502-622	1		Housing, Gearcase
3	0402-393	2		Bearing
4	0402-394	2	S	Seal
5	1402-032	1		Gear, Ring - 36T
6	0402-405	AR		Shim
6	0402-406	AR		Shim
6	0402-407	AR		Shim
6	0402-408	AR		Shim
6	0402-409	AR		Shim
7	0402-326	1		Button, Thrust
8	0402-429	AR		Shim
8	0402-430	AR		Shim
8	0402-431	AR		Shim
8	0402-432	AR		Shim
8	0402-433	AR		Shim
9	0423-149	1		O-Ring
10	0502-346	1		Cover, Gearcase
11	0402-333	1	/P	Plug, Fill (inc. 12)
12	0423-154	1		O-Ring
13	1402-102	1		Fitting
14	0423-118	11		Screw, Self-Tapping
15	0402-450	1	S	Plug, Magnetic (inc. 16)
16	0423-153	1		O-Ring
17	0402-328	1		Bearing
18	0402-411	1		Pin, Dowel
19	0502-783	1		Gear, Pinion - Assembly - 10T (inc. 20-21)
20	0402-327	1		Bearing
21	0402-336	1		Collar, Retaining
22	0402-331	1		Collar, Lock
23	0402-982	1		Washer, Wave
24	0402-981	1		Collar, Shaft
25	0402-947	1		Gasket, Flange
26	0502-529	1		Housing, Pinion
27	0423-417	1		Ring, Retaining
28	1402-043	1		Bearing
29	0423-423	1		Ring, Retaining
30	1402-011	1		Seal
31	0502-407	1	S	Shaft, Input
32	0423-393	2		Clamp, Boot
33	0402-985	2	/P	Boot
34	0423-411	2		Clamp, Boot
35	0673-618	2	/P	Bumper, Propeller Shaft
36	1402-092	1		Shaft, Propeller
37	0402-950	1		Flange, Output
38	8408-820	4	/P	Screw, Cap
39	0423-404	2		Screw, Cap
40	0423-426	6		Washer
41	8428-002	2		Nut, Lock
42	0423-315	3		Clamp, Fitting
43	0410-049	AR		Hose, Vent
44	0470-462	1		Fitting, Vent
45	0623-101	1		Clips, Retaining - Snap-In

2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 61 of 91
REAR DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
46	0402-147	1	S	Bladder, Gearcase
47	1402-026	1		Spring

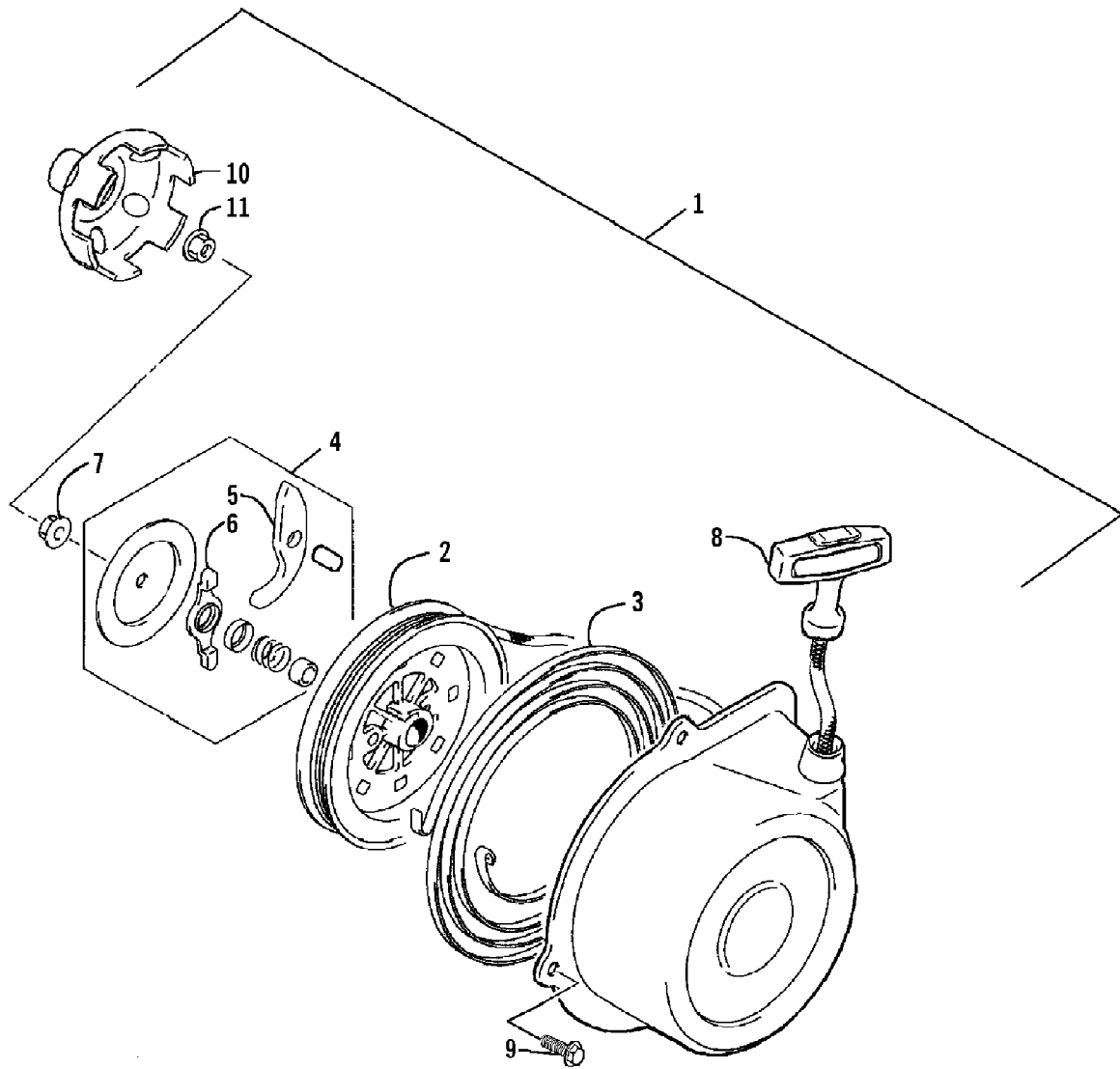
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 62 of 91
REAR SUSPENSION ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 63 of 91
 REAR SUSPENSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0504-372	1	S	Knuckle, Right Rear - Assembly (inc. 2-5)
1	0504-373	1	S/P	Knuckle, Left Rear - Assembly (inc. 2-5)
2	1402-027	2	S/P	Bearing, Wheel Hub
3	0423-423	2		Ring, Retaining
4	0403-038	4	S/P	Collar, Suspension Bushing
5	0403-032	8	S	Bushing, Suspension
6	0504-320	1	S	A-Arm, Rear - Lower Right (inc. 7-8)
6	0504-321	1	S	A-Arm, Rear - Lower Left (inc. 7-8)
7	0403-115	16	S	Bushing
8	0403-114	8	S	Collar
9	8428-002	14		Nut, Lock
10	8409-000	4		Screw, Cap
11	0504-318	1		A-Arm, Rear - Upper Right (inc. 7-8)
11	0504-319	1		A-Arm, Rear - Upper Left (inc. 7-8)
12	1441-004	1		Guard, Boot - Right
12	1441-005	1		Guard, Boot - Left
13	0423-101	6		Screw, Body
14	1406-071	1		Guard, Boot - Right
14	1406-072	1		Guard, Boot - Left
15	0502-811	2	S	Axle, Drive (inc. 16-17)
16	0441-400	2	S	Clip, Retaining
17	0436-276	2	S	Repair Kit, Boot - Rear
18	8409-075	8		Screw, Cap
19	1603-889	2	/P	Retainer, Spring
20	0404-126	2		Spring, Suspension
21	0404-099	2	/P	Shock Absorber - Rear (inc. 22-23)
22	0604-310	8		Bushing, Shock Absorber
23	0403-028	2		Sleeve, Shock Absorber
24	0404-057	2		Cam, Spring Adjuster
25	8409-050	2		Screw, Cap
26	0423-087	2		Washer
27	8408-820	2	/P	Screw, Cap
28	0441-587	1		Wrench, Spanner

2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 64 of 91
RECOIL STARTER ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 65 of 91
 RECOIL STARTER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3445-003	1		Starter, Recoil - Assembly (inc. 2-8)
2	3445-004	1		Reel
3	3445-007	1		Spring, Sprial
4	3445-016	1		Ratchet - Assembly (inc. 5-6)
5	3445-005	1		Ratchet
6	3445-006	1		Guide, Ratchet
7	3004-488	1	S/P	Nut
8	3445-011	1		Rope Assembly
9	3423-428	4		Screw, Cap
10	3445-029	1	/P	Cup, Starter
11	3004-491	1	S/P	Nut

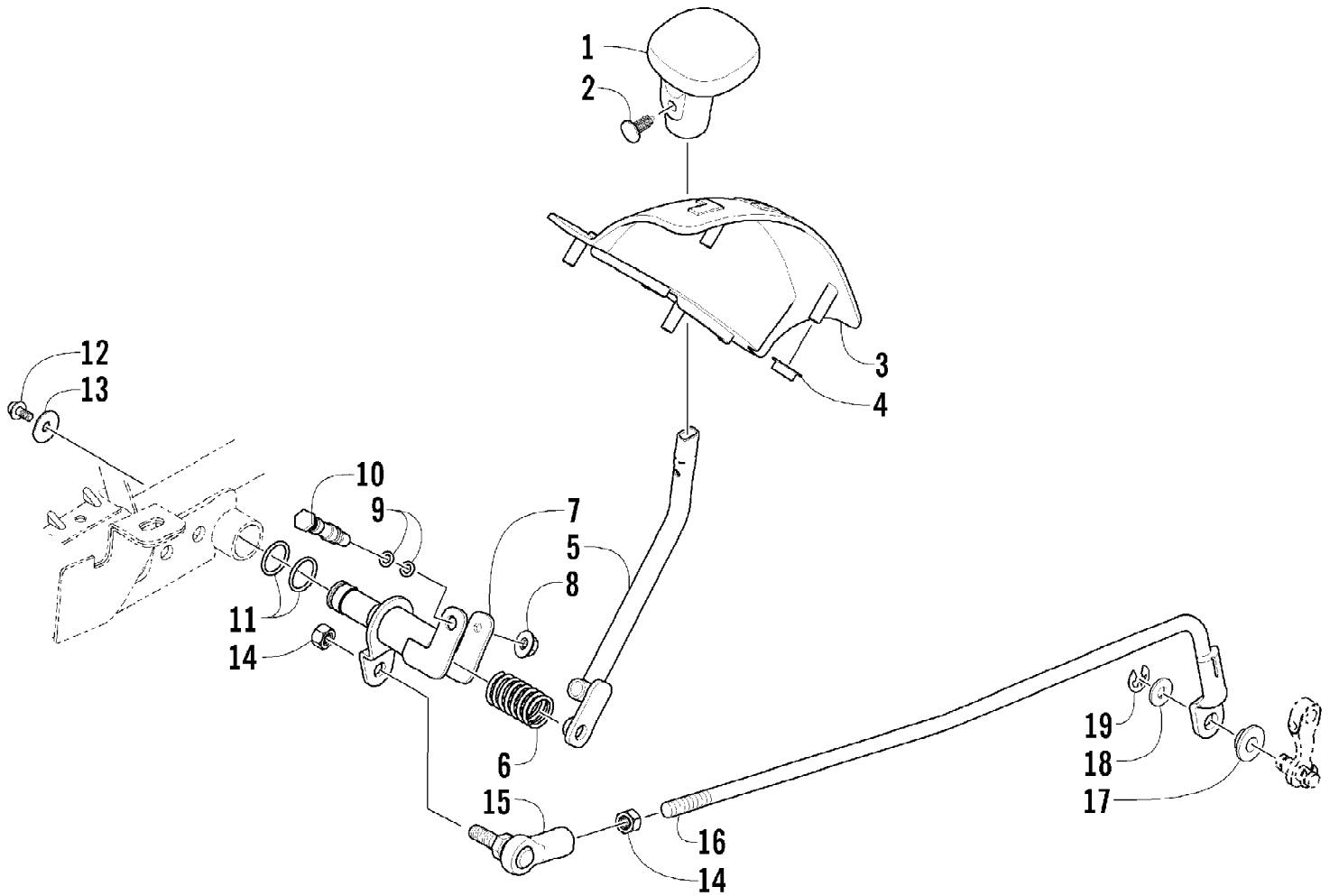
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Diagram
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Parts List
Only

2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 67 of 91
RELATED ITEMS

Ref #	Part Number	Qty	S/P/F	Description
	0436-538	1		Gear Cradle
	0436-501	1	S	Grease, High-Performance (25 in. and 26 in. Tires)
	0436-464	1		Grill Cradle
	0436-828	1		Gun Holder - Pro-Grip (25x8-12, Mud & Snow)
	0436-352	1		Hand/Thumb Warmers
	0436-463	1		Light Bar (25x10-12, Mud & Snow)
	0436-516	1		Light Mount, Portable - Cargo Box
	0436-040	1	/P	Light, Portable - Work
	0436-122	1	S	Lunch Pack, Black
	2257-458	1		Manual, Illustrated Parts
	0436-619	1		Brush Guard/Bumper - Deluxe
	0436-794	1		Bumper - Rear
	0436-827	1		Cargo Box
	0436-459	1	/P	Carryall (9 x 12)
	0436-460	1		Carryall (11 x 17)
	0436-462	1		Carryall (10 D)
	0436-477	1		Cord Reel
	0436-726	1	S	Cover, Trailerable
	0436-087	1	/P	Electrical Plug
	0436-035	1	S	Engine Block Heater
	0436-660	1	S	Bag, Rack - Front - Black
	0436-480	1		Bar, Utility
	0402-563	1		Tire, Titan AT589
	1402-028	1		Tire, Titan AT589
	2257-300	1		Manual, Operator's (E)
	2257-314	1		Manuel d'utilisation (F)
	0652-024	1		Paint, Metal - Black
	0436-635	1		Plow Attachment Kit
	0436-228	1		Plow Blade, 50 in. - Straight
	0436-287	1		Plow Blade, 50 in. - One-Way
	0436-296	1		Plow Blade, 60 in. - Straight
	0436-360	1		Plow Blade, 60 in. - One-Way
	0436-636	1	/P	Plow, Push Frame
	0436-626	1	S	Rack Basket
	0436-798	1	/P	Rack - Rear
	0436-026	1		Tire Chains, Size B
	0436-466	1		Fender Box (24 in. and 25 in. Tires)
	0436-027	1		Tire Chains, Size C
	0436-656	1		Winch Accessories Kit
	0436-703	1		Windshield, Clear
	0436-623	1		Windshield, Clear w/Accent
	0436-470	1		Workbase (8 in.)

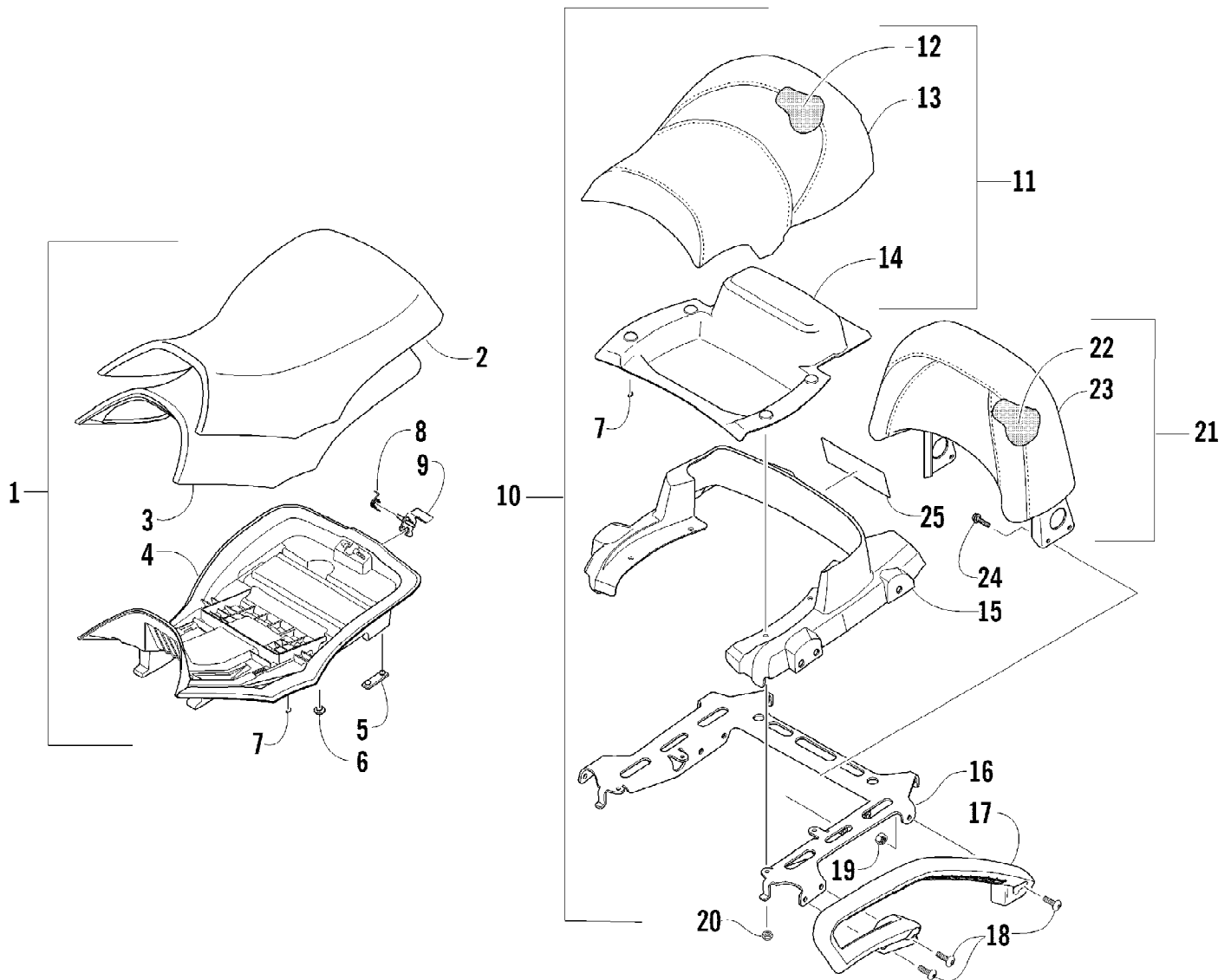
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 68 of 91
REVERSE SHIFT LEVER ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 69 of 91
 REVERSE SHIFT LEVER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0402-843	1	/P	Knob, Reverse Shift
2	0423-345	1		Clip, Push
3	1402-110	1		Plate, Shift
4	0423-357	4		Nut, Stamped
5	0502-659	1		Lever, Reverse Shift
6	0502-410	1	S	Spring
7	0502-742	1		Axle, Reverse Shift Lever
8	8424-602	1	/P	Nut
9	0423-182	2	/P	O-Ring
10	0402-675	1		Axle, Pivot
11	0423-299	2	/P	O-Ring
12	8408-812	1		Screw, Cap
13	0423-087	1		Washer
14	0623-294	2		Nut
15	1402-270	1		End, Rod
16	0502-671	1		Linkage, Shift
17	0423-091	1		Bushing
18	8050-242	1		Washer
19	0423-169	1	/P	E-Ring

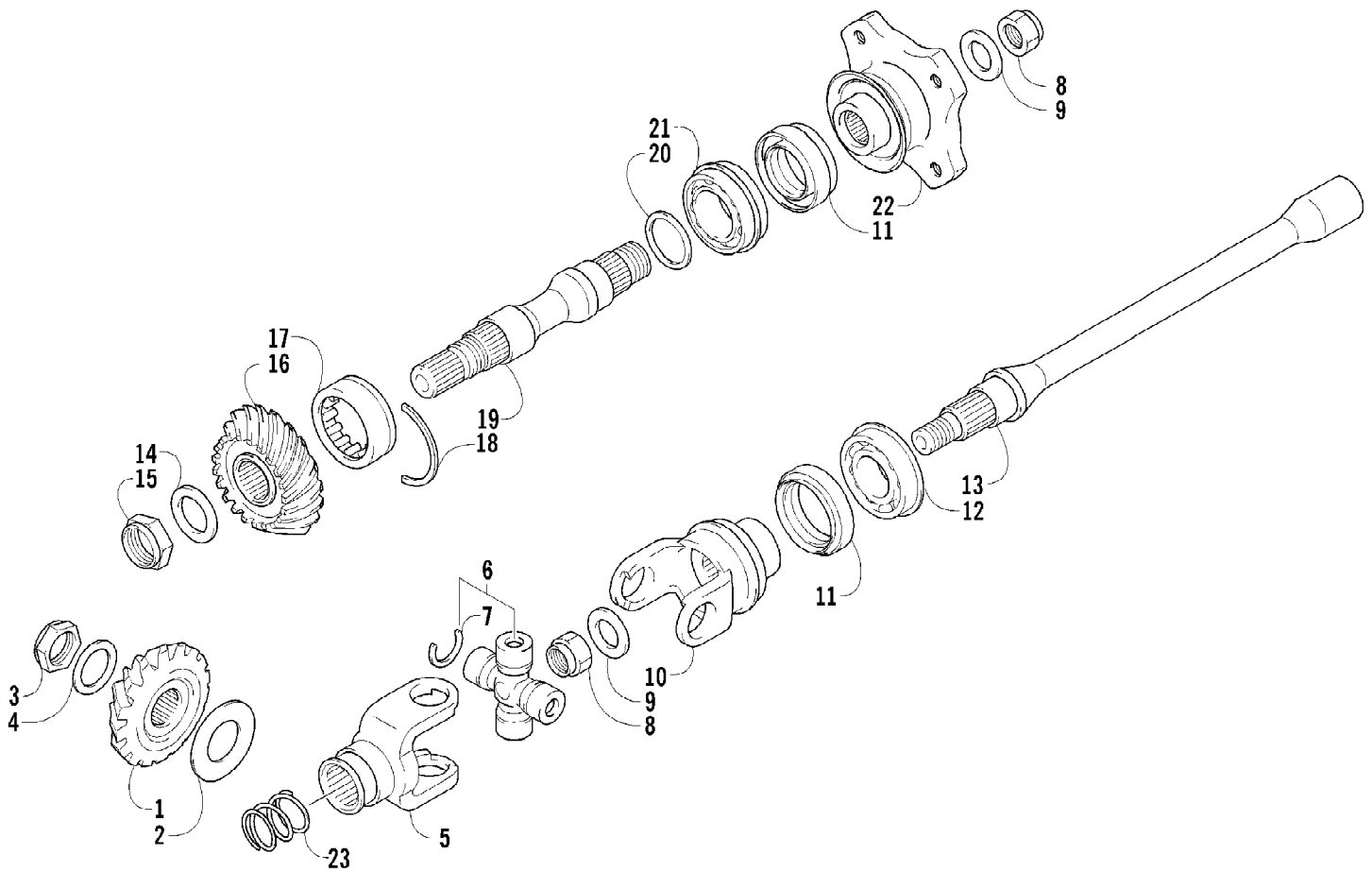
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 70 of 91
SEAT AND BACKREST ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 71 of 91
 SEAT AND BACKREST ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-937	1	S/P	Seat Assembly (inc. 2-9)
2	1506-209	1		Cover, Seat
3	1506-208	1		Foam, Seat
4	2406-144	1	S/P	Base, Seat - Assembly (inc. 5-6)
5	0406-879	2		Bumper, Seat - Rear
6	0406-877	4	/P	Bumper, Seat - Front
7	0624-100	AR		Staple
8	1406-592	1	/P	Spring, Seat Latch
9	1506-156	1		Latch, Seat
10	1506-938	1		Seat, Passenger - Assembly (inc. 7, 11-20, and 25)
11	2506-064	1		Seat, Passenger - Sub-Assembly (inc. 7 and 12-14)
12	1506-816	1		Foam, Seat - Passenger
13	1506-815	1		Cover, Seat - Passenger
14	2406-110	1		Base, Seat - Inner
15	2406-044	1		Base, Seat - Passenger
16	1506-932	1		Bracket, Seat Support - Assembly
17	2406-112	1		Handhold, Passenger - Right
17	2406-113	1		Handhold, Passenger - Left
18	0423-362	6		Screw, Machine
19	8432-802	6		Nut, Lock
20	8427-602	4		Nut, Lock
21	1506-939	1		Backrest Assembly (inc. 22-23)
22	1506-818	1		Foam, Backrest
23	1506-817	1		Cover, Backrest
24	8408-816	4		Screw, Cap
25	0411-814	1	/P	Decal, "Arctic Cat"

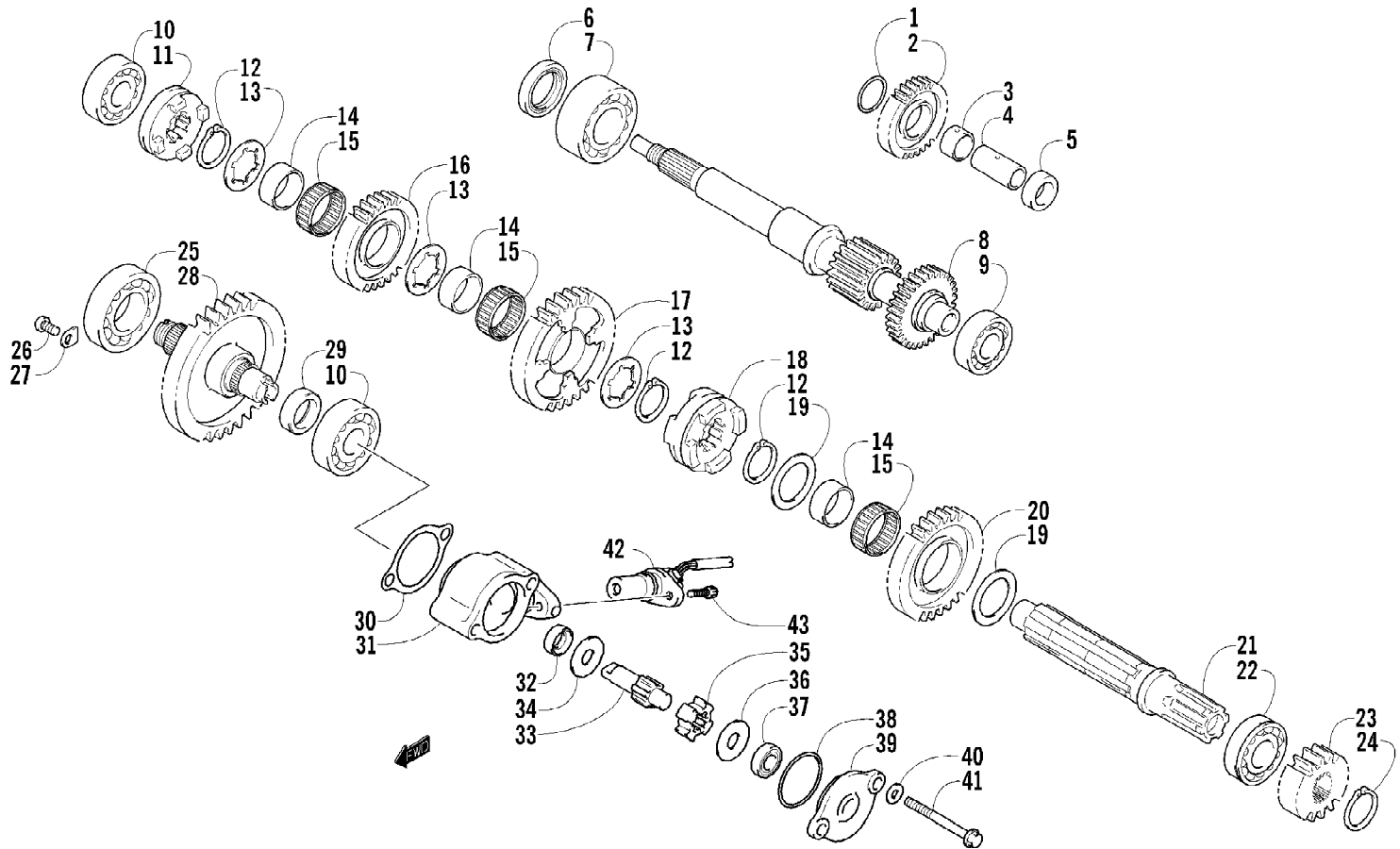
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 72 of 91
SECONDARY DRIVE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) Page 73 of 91
 SECONDARY DRIVE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-637	1		Gear, Secondary Drive
2	3446-035	1		Shim, Secondary Drive Gear - Set
3	3423-023	1		Nut
4	3005-372	1		Washer
5	3446-327	1	/P	Yoke, Propeller Shaft
6	3402-562	1		Joint, Universal - Set (inc. 7)
7	3423-479	4		Circlip
8	3423-025	2		Nut
9	3423-028	1		Washer
10	3402-742	1		Yoke, Drive Output - Front
11	3402-072	2		Seal, Oil
12	3402-558	1		Bearing, Front Secondary Driven Shaft
13	3402-694	1		Shaft, Secondary Driven - Front
14	3423-137	1		Washer, Secondary Driven Gear
15	3423-136	1		Nut, Secondary Driven Gear
16	3402-638	1		Gear, Secondary Driven
17	3402-515	1	/P	Bearing, Driven Gear
18	3423-072	1		C-Ring, Driven Bearing
19	3402-639	1		Shaft, Secondary Driven - Rear
20	3402-017	AR		Shim, 25 x 34 x 0.60 mm
20	3402-018	AR		Shim, 25 x 34 x 0.65 mm
20	3402-019	AR		Shim, 25 x 34 x 0.70 mm
20	3402-020	AR		Shim, 25 x 34 x 0.75 mm
20	3402-021	AR	S	Shim, 25 x 34 x 0.80 mm
20	3402-022	AR		Shim, 25 x 34 x 0.85 mm
20	3402-023	AR		Shim, 25 x 34 x 0.90 mm
20	3402-024	AR		Shim, 25 x 34 x 0.95 mm
20	3402-025	AR	S	Shim, 25 x 34 x 1.00 mm
20	3402-028	AR		Shim, 25 x 34 x 1.05 mm
20	3402-029	AR		Shim, 25 x 34 x 1.10 mm
20	3402-030	AR		Shim, 25 x 34 x 1.15 mm
20	3402-031	AR		Shim, 25 x 34 x 1.20 mm
21	3402-067	1	S	Bearing, Rear Secondary Driven Shaft
22	3402-514	1	/P	Flange, Output Joint - Rear
23	1402-026	1		Spring

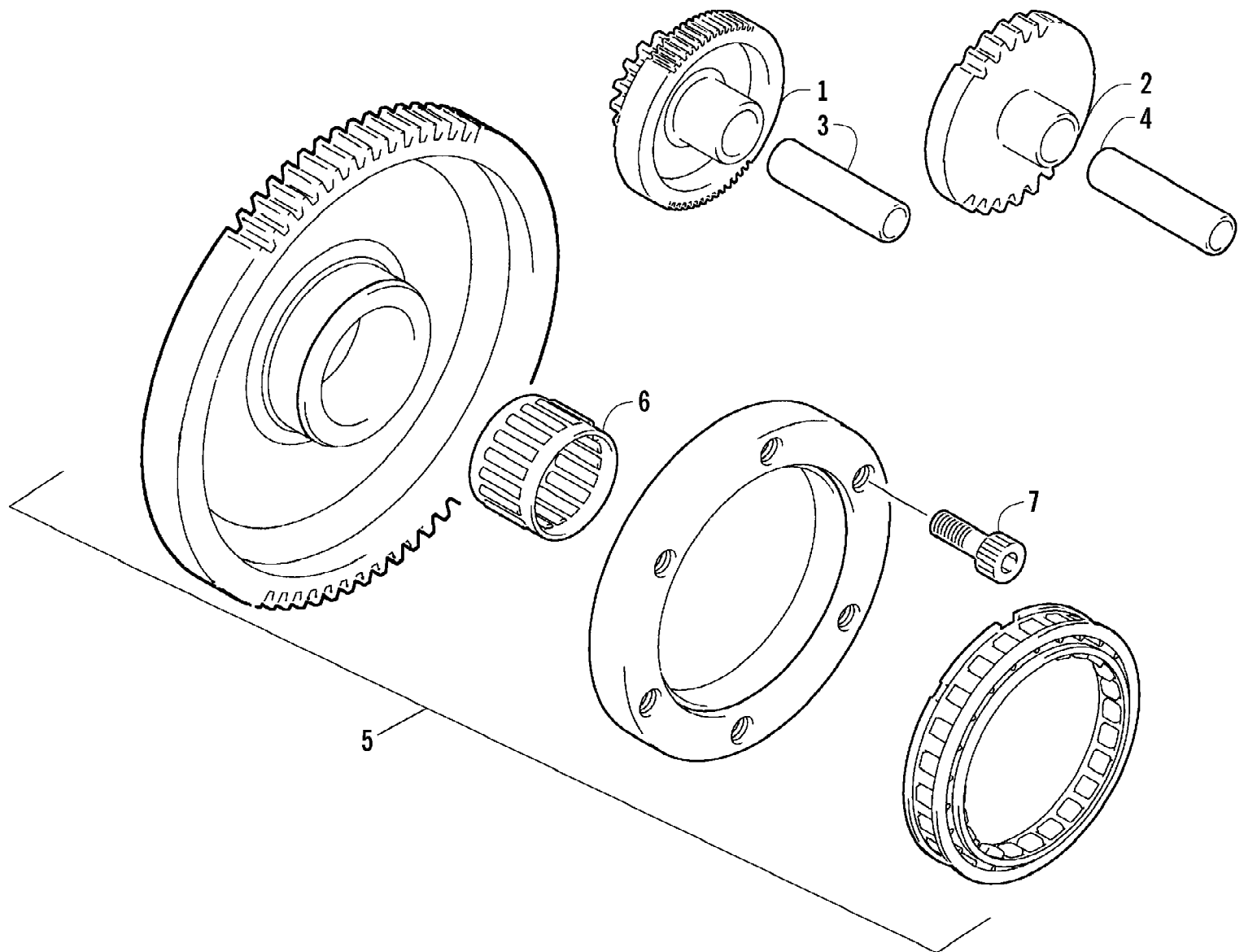
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) (A2006TBH4B) 74 of 91
SECONDARY TRANSMISSION ASSEMBLY



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 SECONDARY TRANSMISSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-195	2		Washer, Reverse Idle Gear
2	3402-503	1		Gear, Reverse Idle
3	3446-103	1		Bushing, Reverse Idle Gear
4	3402-634	1		Shaft, Reverse Idle
5	3423-442	1		Spacer, Reverse Idle Gear
6	3402-500	1	S	Seal, Driveshaft
7	3402-499	1		Bearing, Driveshaft
8	3402-665	1		Driveshaft
9	3003-261	1	/P	Bearing, Driveshaft - Left
10	3402-045	2	/P	Bearing, Shaft
11	3402-636	1		Dog, Reverse Driven Gear
12	3423-066	3	/P	Circlip
13	3423-263	3		Washer
14	3402-494	3		Bushing
15	3402-498	3		Bearing
16	3402-635	1		Gear, Reverse Driven
17	3402-668	1	/P	Gear, Driven - Low
18	3402-496	1		Dog, Sliding
19	3423-448	2		Washer
20	3402-495	1		Gear, Driven - High
21	3402-667	1		Countershaft
22	3004-209	1	/P	Bearing, Shaft
23	3402-669	1		Gear, Drive - No. 2
24	3423-191	1	/P	Circlip
25	3402-055	1	/P	Bearing, Output Shaft
26	3423-370	2		Screw, Bearing Retainer
27	3446-031	2	/P	Retainer, Bearing
28	3402-666	1		Shaft, Output
29	3423-494	1		Spacer, Output Shaft
30	3446-244	1	/P	Gasket, Housing
31	3446-400	1		Housing, Speedometer Sensor
32	3006-322	1		Seal, Shaft
33	3446-402	1		Shaft, Output
34	3423-617	1		Washer
35	3402-837	1		Rotor
36	3423-767	1		Washer
37	3402-980	1		Bearing
38	3423-766	1		O-Ring
39	3446-401	1		Cover, Speedometer Sensor Housing
40	3003-290	2	/P	Gasket
41	3423-307	2	S	Bolt
42	3402-981	1		Sensor, Speedometer
43	3423-226	1		Bolt

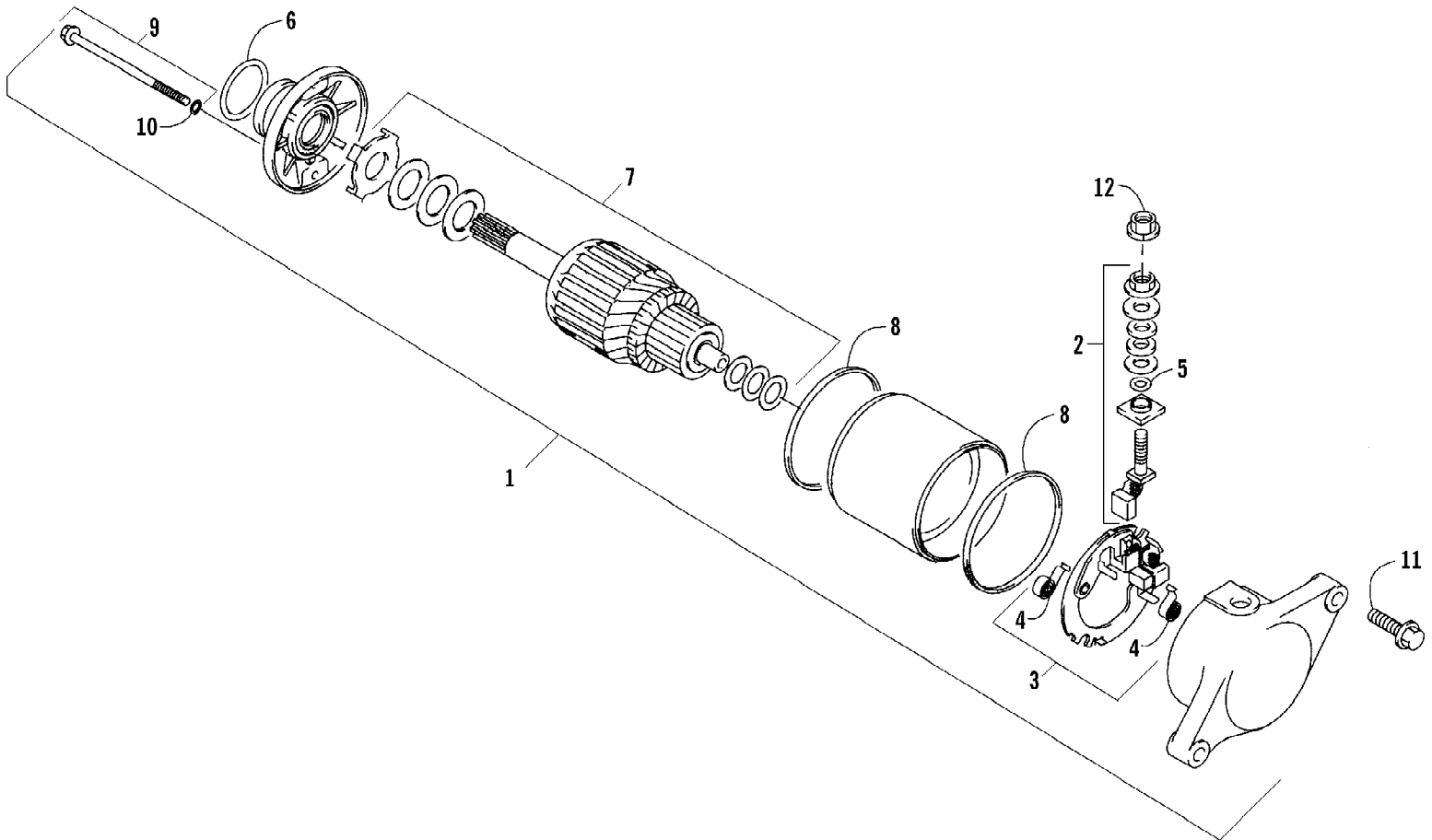
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 76 of 91
STARTER CLUTCH ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 77 of 91
STARTER CLUTCH ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-603	1		Gear, Starter Idler - No. 1
2	3402-124	1		Gear, Starter Idler - No. 2
3	3423-331	1		Pin, Starter Idler Gear No. 1
4	3423-397	1		Pin, Starter Idler Gear No. 2
5	3402-690	1	S	Clutch, Starter - Set (inc. 6)
6	3402-674	1		Bearing
7	3423-102	6	S	Bolt

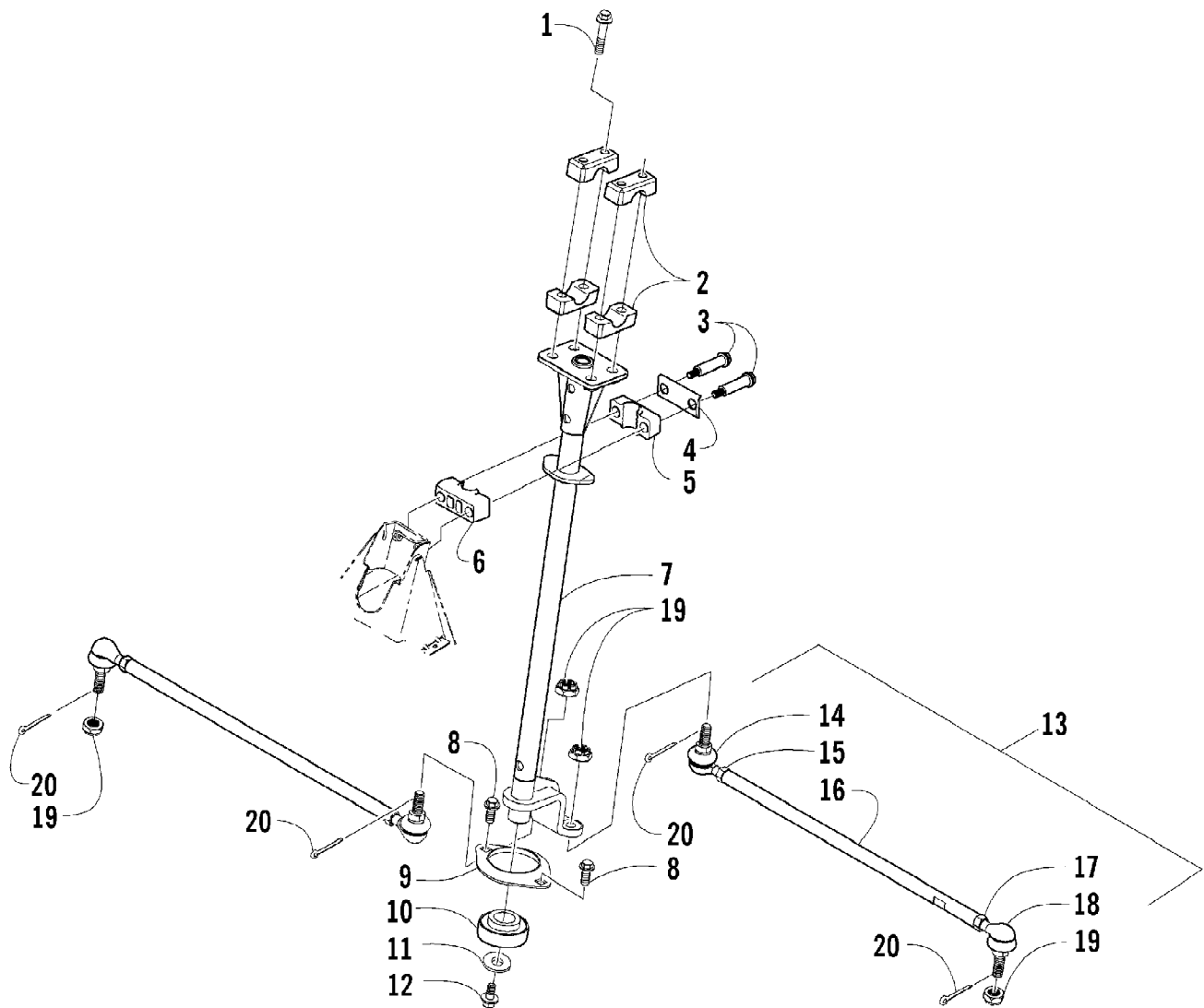
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 78 of 91
STARTER MOTOR ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 79 of 91
 STARTER MOTOR ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3545-016	1		Motor, Starter Assembly (inc. 2-10)
2	3402-671	1		Terminal Set, Brush
3	3402-672	1		Holder Set, Brush
4	3008-551	4		Spring, Brush
5	3008-164	1		O-Ring
6	3423-272	1		O-Ring
7	3008-099	1		Washer Set
8	3423-497	2		O-Ring
9	3423-498	2		Through-Bolt (inc. 10)
10	3423-496	2		O-Ring
11	3004-756	2	S	Bolt
12	3423-195	1	/P	Nut

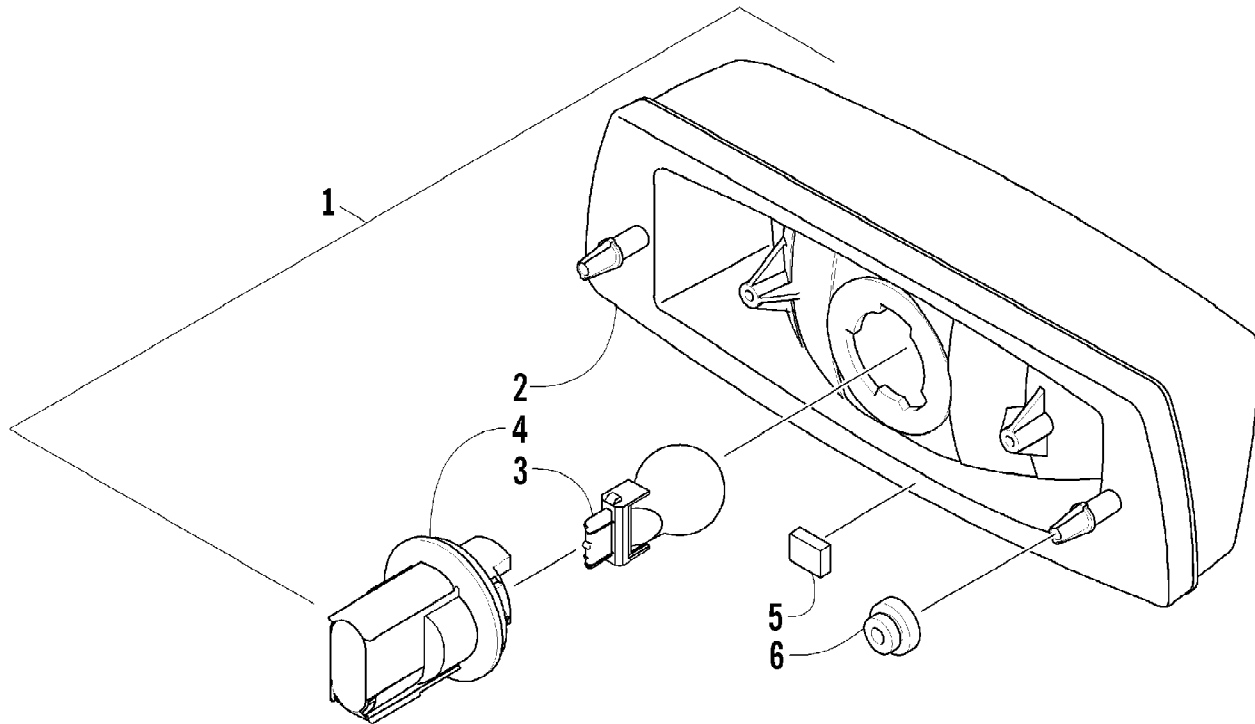
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) (A2006TBH4B) 80 of 91
STEERING POST ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 81 of 91
 STEERING POST ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	8408-860	4		Screw, Cap
2	0405-035	4		Cap, Steering Adjuster
3	0423-505	2		Screw, Shoulder
4	0405-166	1		Cap, Housing
5	0405-138	1		Housing, Lower
6	0405-139	1		Housing, Upper
7	0505-451	1	S	Post, Steering
8	8408-816	2		Screw, Cap
9	0602-233	1		Flange, Bearing
10	0405-052	1		Bearing w/Inverted Oil Seal
11	0423-073	1		Washer
12	8409-020	1	/P	Screw, Cap
13	0505-408	2	S	Tie Rod - Assembly (inc. 14-18)
14	0405-083	2	S	Ball Joint, Tie Rod - Left
15	0423-013	2		Nut - Left
16	0405-107	2	S	Tie Rod
17	8420-002	2	/P	Nut - Right
18	0405-082	2	S	Ball Joint, Tie Rod - Right
19	0423-157	4		Nut, Lock
20	0623-175	4		Pin, Cotter

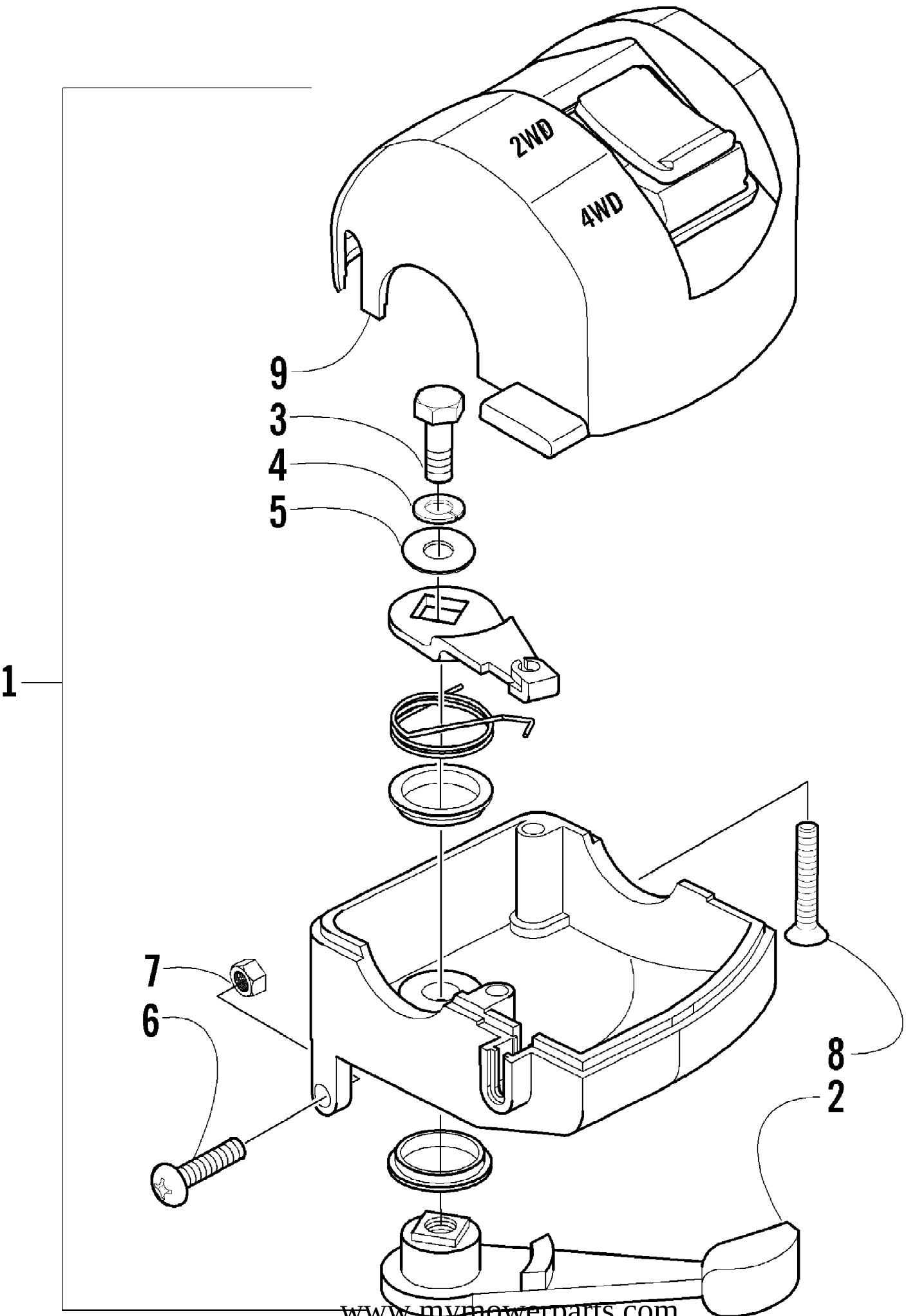
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 82 of 91
TAILLIGHT ASSEMBLY



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 TAILLIGHT ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0509-022	1		Taillight Assembly (inc. 2-4)
2	0509-025	1		Housing, Taillight
3	0409-056	1		Bulb, Taillight
4	0409-057	1		Socket, Taillight
5	1406-790	4		Pad, Taillight
6	0423-534	2		Grommet

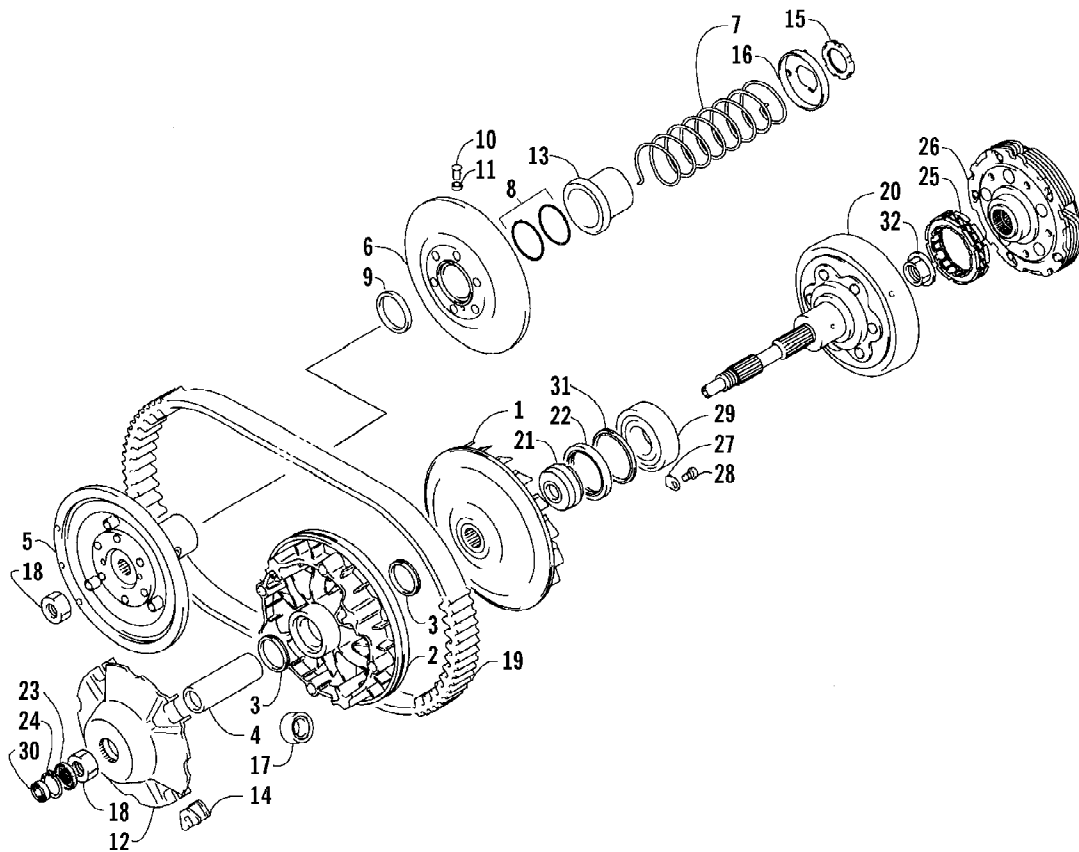
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BBSG) 84 of 91
THROTTLE CASE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 85 of 91
THROTTLE CASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0509-012	1		Case, Throttle - Assembly (inc. 2-9)
2	3409-001	1		Lever
3	3004-533	1	S/P	Screw, Cap
4	3004-447	1	/P	Washer, Lock
5	3003-030	1	/P	Washer
6	3423-014	1		Screw
7	3423-327	1		Nut
8	3423-199	2		Screw
9	0409-048	1		Cover, Throttle w/Switch

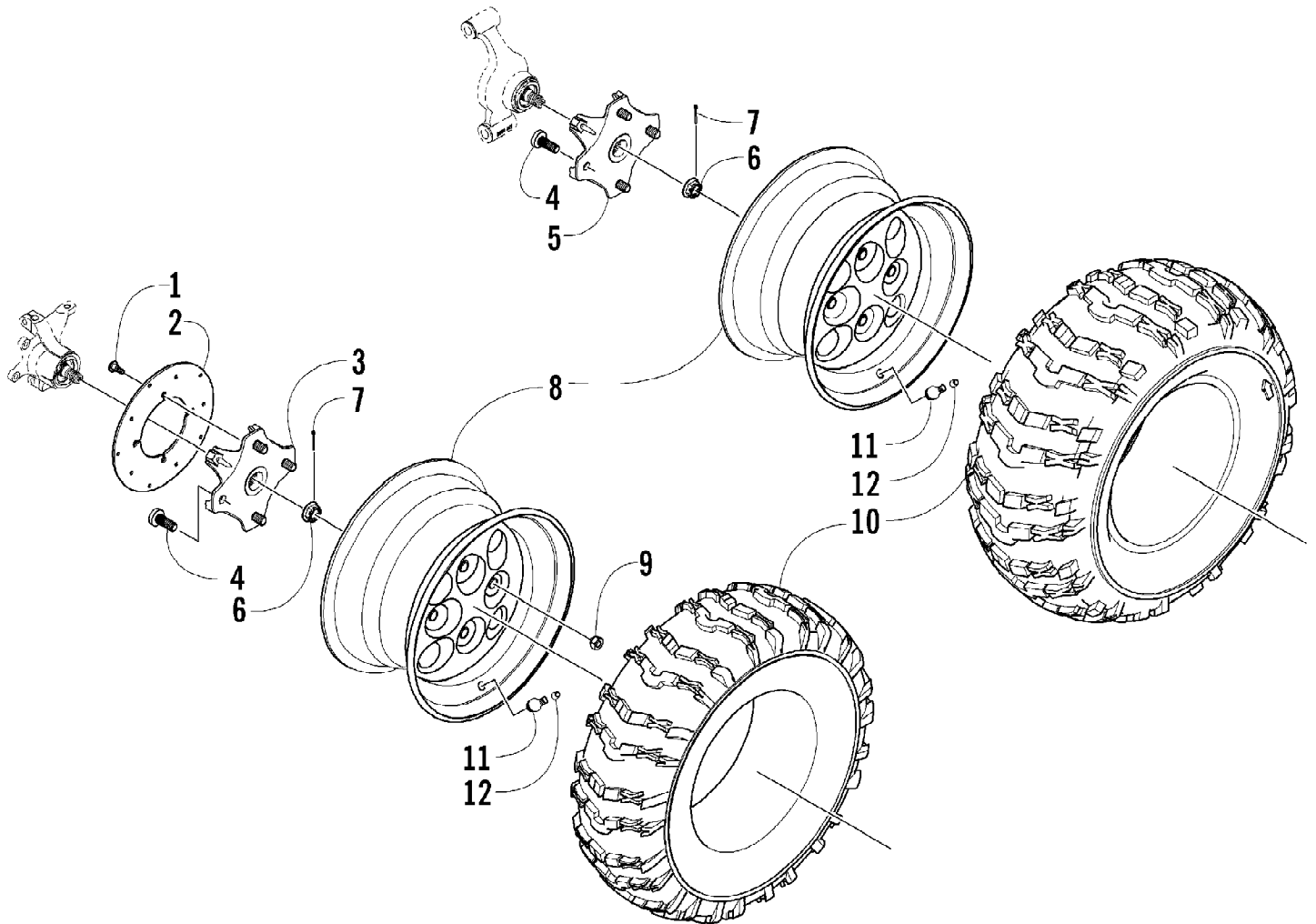
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 86 of 91
TRANSMISSION ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG)
TRANSMISSION ASSEMBLY Page 87 of 91

Ref #	Part Number	Qty	S/P/F	Description
1	3402-622	1		Face, Fixed Drive
2	3402-623	1		Face, Movable Drive
3	3402-624	2		Seal, Movable Drive Face
4	3402-625	1		Spacer, Movable Drive Face
5	3402-626	1	S	Face, Fixed Driven
6	3402-627	1		Face, Movable Driven
7	3423-486	1		Spring, Movable Driven Face
8	3423-487	2		O-Ring, Movable Driven Face
9	3402-629	2		Seal, Movable Driven Face
10	3402-477	3		Pin, Movable Driven Face
11	3402-478	3		Spacer, Movable Driven Face
12	3402-630	1		Plate, Movable Drive Face
13	3402-631	1		Sleeve, Movable Driven Face
14	3402-481	4		Damper, Movable Drive Face
15	3423-489	1		Nut, Driven Pulley
16	3402-632	1		Holder, Movable Driven Face Spring
17	3402-633	8		Roller, Movable Drive Face
18	3423-437	2		Nut
19	3402-664	1		V-Belt
20	3402-620	1		Housing, Clutch
21	3402-621	1		Spacer, Fixed Drive Face
22	3402-977	1	/P	Seal, Clutch Housing
23	3402-574	1		Seal, Clutch Housing
24	3423-505	1	S	Circlip
25	3446-003	1		Clutch, One-Way
26	3446-278	1	S	Shoe, Clutch - Assembly
27	3446-031	2	/P	Retainer, Bearing
28	3423-435	2		Screw, Bearing Retainer
29	3402-567	1		Bearing
30	3402-693	1		Bearing
31	3423-353	1	/P	O-Ring
32	3423-501	1		Nut

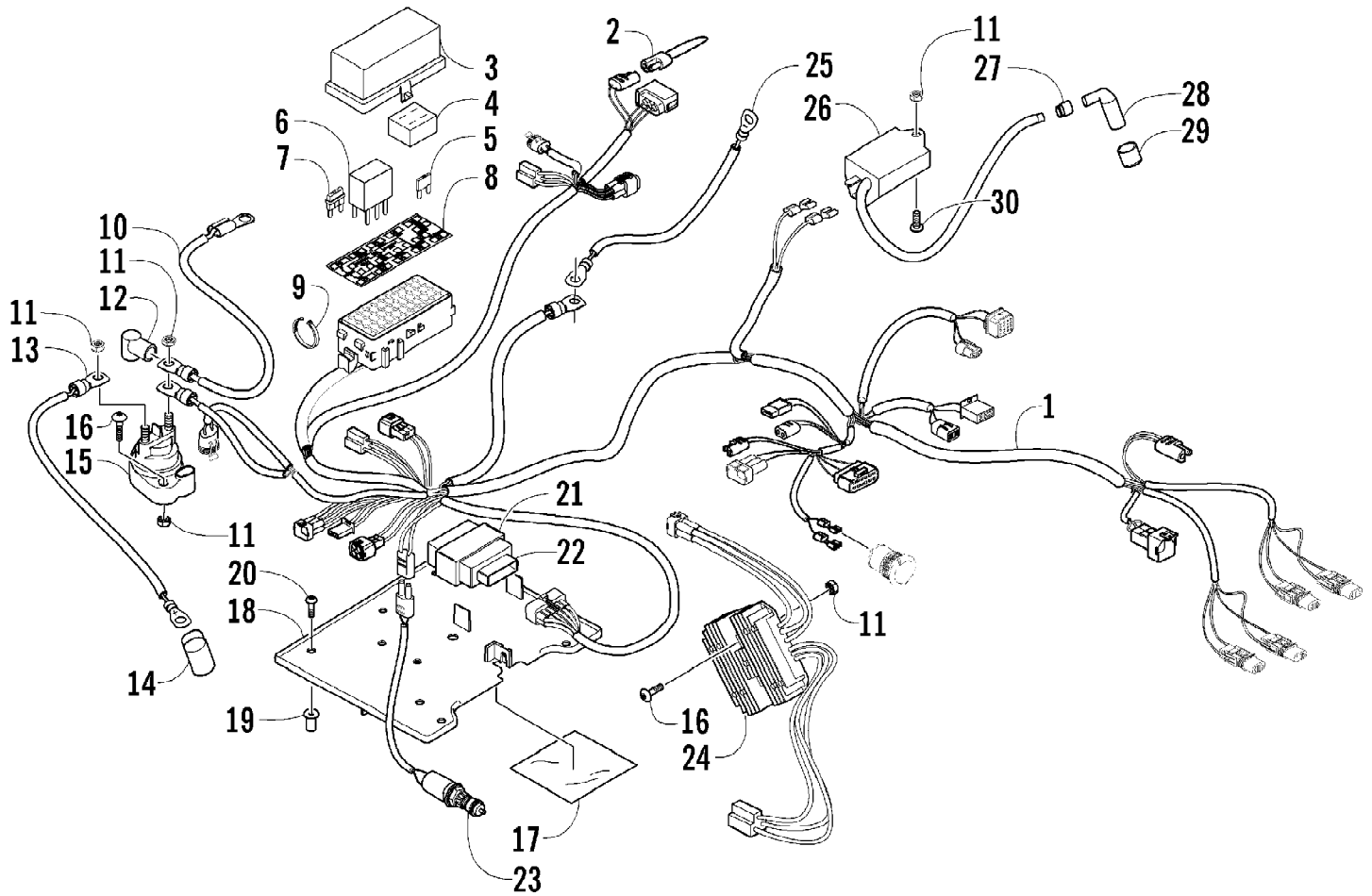
2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4BPSG) 88 of 91
WHEEL AND TIRE ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) 89 of 91
WHEEL AND TIRE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0423-557	12		Screw, Shoulder w/Loctite
2	1402-225	3	S	Disc, Brake
3	0502-599	2	S	Hub, Wheel - Front (inc. 4)
4	0402-974	16	/P	Stud, Wheel Hub
5	0502-601	1	S	Hub, Wheel - Rear - Left (inc. 4)
5	0502-599	1	S	Hub, Wheel - Rear - Right (inc. 4)
6	0423-607	4		Nut, Castle Flange
7	0423-407	4		Pin, Cotter
8	0402-856	2		Wheel - Front
8	0402-858	2		Wheel - Rear
9	0423-408	16	/P	Nut, Mounting - Wheel
10	1402-100	2		Tire - Front
10	1402-137	2		Tire - Rear
11	0402-064	4		Stem, Valve (inc. 12)
12	0402-140	4		Cap, Valve Stem

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WIRING HARNESS ASSEMBLY



2006 ATV 400 AUTOMATIC TRANSMISSION 4X4 TRV GREEN (A2006TBH4B) (Page 91 of 91)
 WIRING HARNESS ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0486-193	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	F	Relay
7	0430-032	4		Fuse - 10 Amp
7	0430-031	3		Fuse - 15 Amp
7	0430-030	2		Fuse - 30 Amp
8	0411-828	1		Decal, Fuse Block
9	0123-788	AR	/P	Cable Tie - 7.5 in.
10	0445-044	1	S	Cable, Solenoid/Starter
11	0623-038	7		Nut w/Washer
12	0645-327	1		Boot, Terminal
13	0445-046	1	S	Cable, Battery/Solenoid
14	0645-019	1		Boot, Terminal
15	0445-036	1	S	Solenoid
16	8476-625	4		Screw, Machine
17	0412-291	1		Shield, Heat
18	1406-787	1		Tray, Electrical
19	0123-010	4	/P	Nut, Expansion
20	0623-121	4		Screw, Machine
21	3402-684	1		Cushion, CDI Unit
22	3402-683	1		CDI Unit
23	0409-072	1		Switch, Brake - Assembly
24	3402-682	1		Regulator, Voltage
25	0445-045	1	S	Cable, Battery/Ground
26	3430-055	1		Coil, Ignition - Assembly
27	3430-009	1	/P	Seal, High Tension Wire
28	3430-007	1	/P	Cap, Spark Plug
29	3430-008	1	/P	Seal, Spark Plug
30	8476-620	1		Screw, Machine