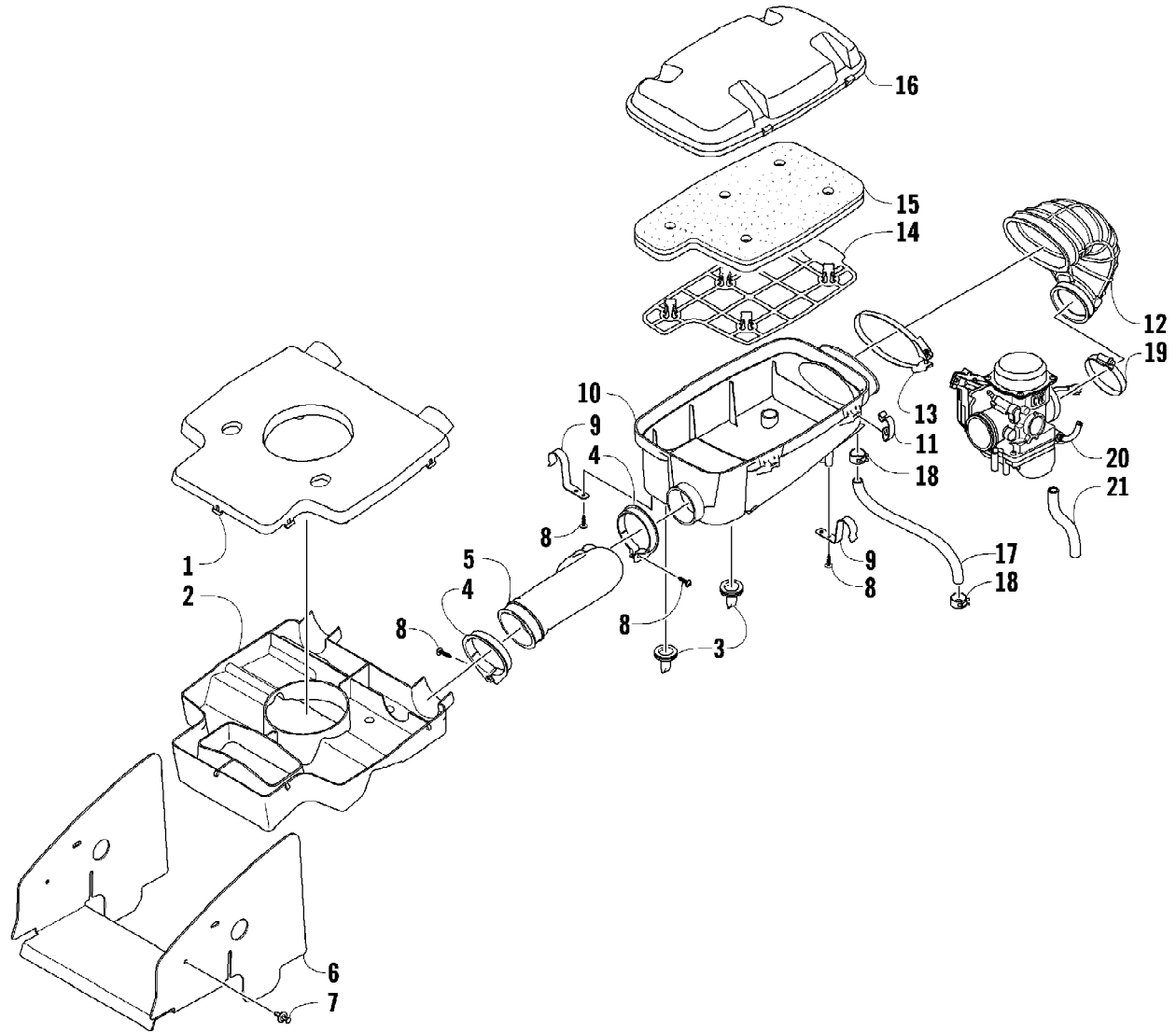


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
AIR INTAKE ASSEMBLY

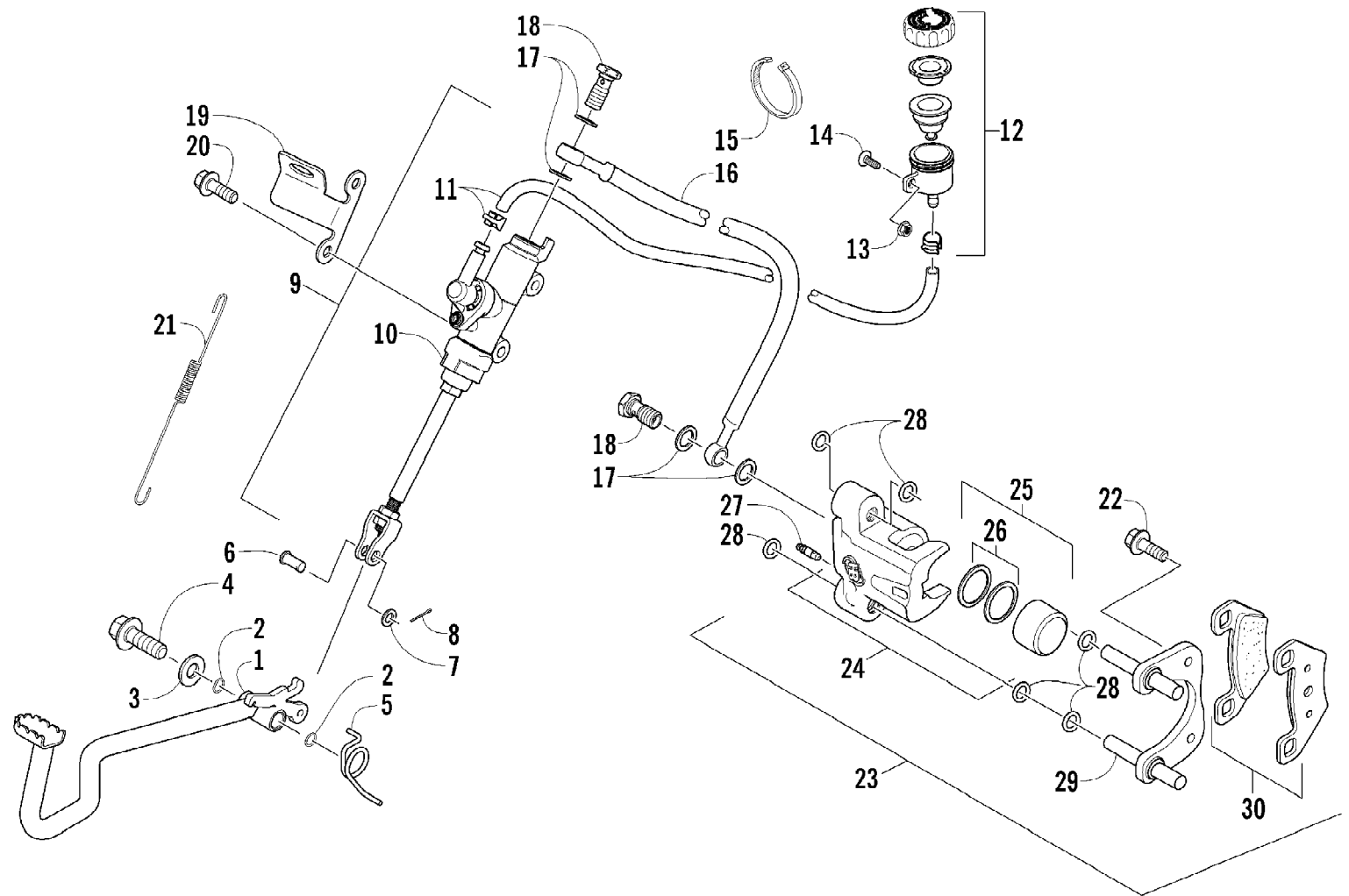


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 AIR INTAKE ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	0413-091	1		Diverter, Air - Top
2	0413-093	1		Diverter, Air - Bottom
3	0470-442	2	/P	Valve, Drain
4	0423-551	2		Clamp
5	0470-529	1		Boot, Air Intake
6	1406-747	1		Shroud, Splash
7	0623-362	2		Rivet, Reinstallable
8	0423-342	6	/P	Screw, Self-Tapping
9	0423-454	2		Clip, Mounting - Air Intake
10	0470-515	1	S	Housing, Air Intake
11	0423-455	4		Clip, Spring
12	0470-525	1		Boot, Carburetor
13	0423-554	1		Clamp
14	0470-516	1		Screen, Air Filter
15	0470-494	1	S	Filter, Air
16	0470-554	1	S	Cover, Air Intake
17	0410-079	1	S	Hose, Vent - Crankcase
18	0423-045	2		Clamp, Hose
19	0423-019	1		Clamp
20	0470-533	1		Carburetor, CVK36-AE
21	0510-592	1		Hose, Drain

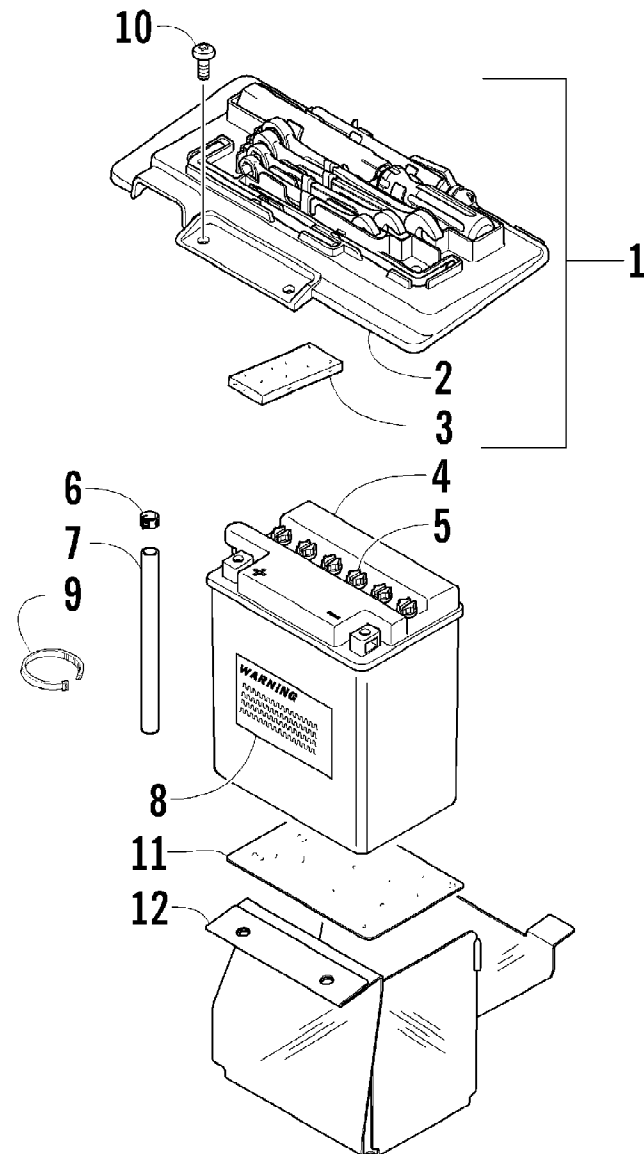
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 3 of 99
AUXILIARY BRAKE ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 AUXILIARY BRAKE ASSEMBLY

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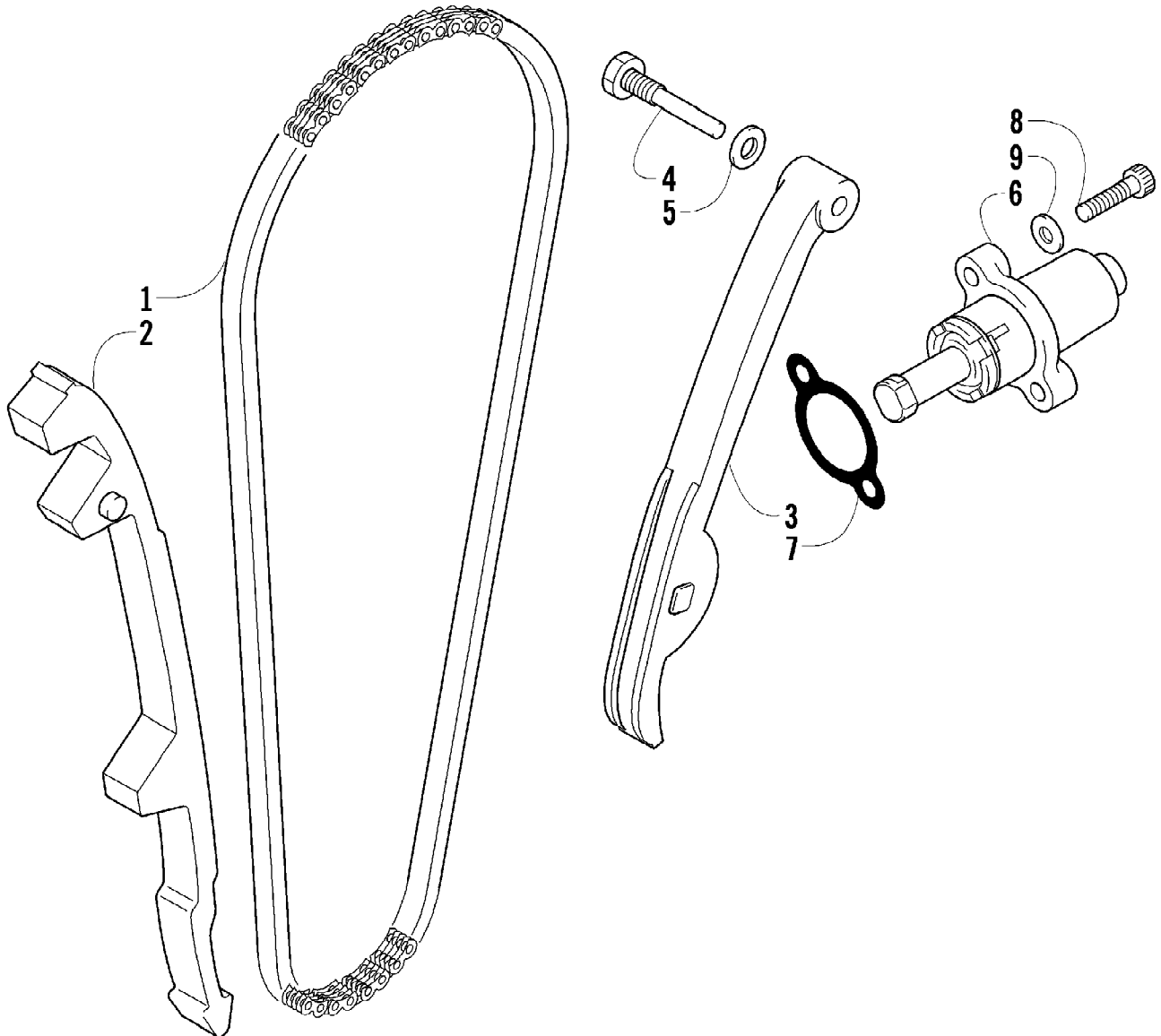
Ref #	Part Number	Qty	S/P/F	Description
	0502-939	1		Fully Bled Master Cylinder Replacement Kit
1	0502-805	1		Lever, Brake
2	1602-213	2	/P	O-Ring
3	8050-252	1		Washer
4	8408-816	1		Screw, Cap
5	0502-807	1		Spring, Brake Lever
6	1402-377	1		Pin, Clevis
7	8050-217	1	/P	Washer
8	0402-584	1		Pin, Cotter
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 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 BATTERY ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
	0444-122	1	S/P	Kit, Tool Not Illustrated
1	5990-839	1	S	Battery Cover/Tool Tray Assembly (inc. 2-3)
2	1406-507	1	S	Cover, Battery
3	0406-288	2		Pad, Battery
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, Battery Vent
8	0645-151	1		Label, Warning - Battery
9	0123-903	4		Cable Tie - 11.5 in.
10	8476-616	2		Screw, Machine
11	0406-380	1		Pad, Battery
12	1506-587	1		Box, Battery

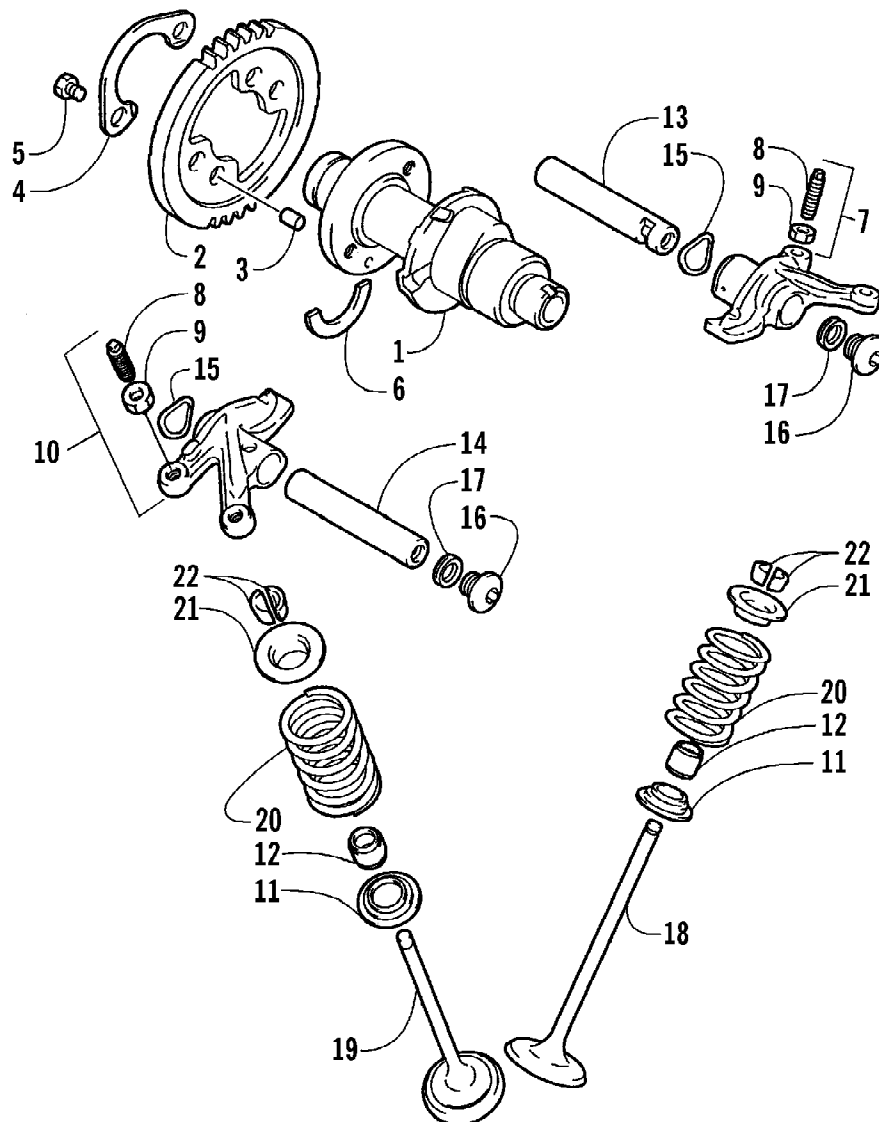


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 CAM CHAIN ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	3402-353	1		Chain, Cam
2	3402-355	1		Guide, Chain
3	3402-356	1		Tensioner, Chain
4	3423-074	1		Bolt
5	3003-188	1	S/P	Washer
6	3402-136	1		Adjuster, Tensioner - Assembly
7	3402-137	1		Gasket
8	3004-475	2	S	Screw, Cap
9	3003-290	2	/P	Gasket

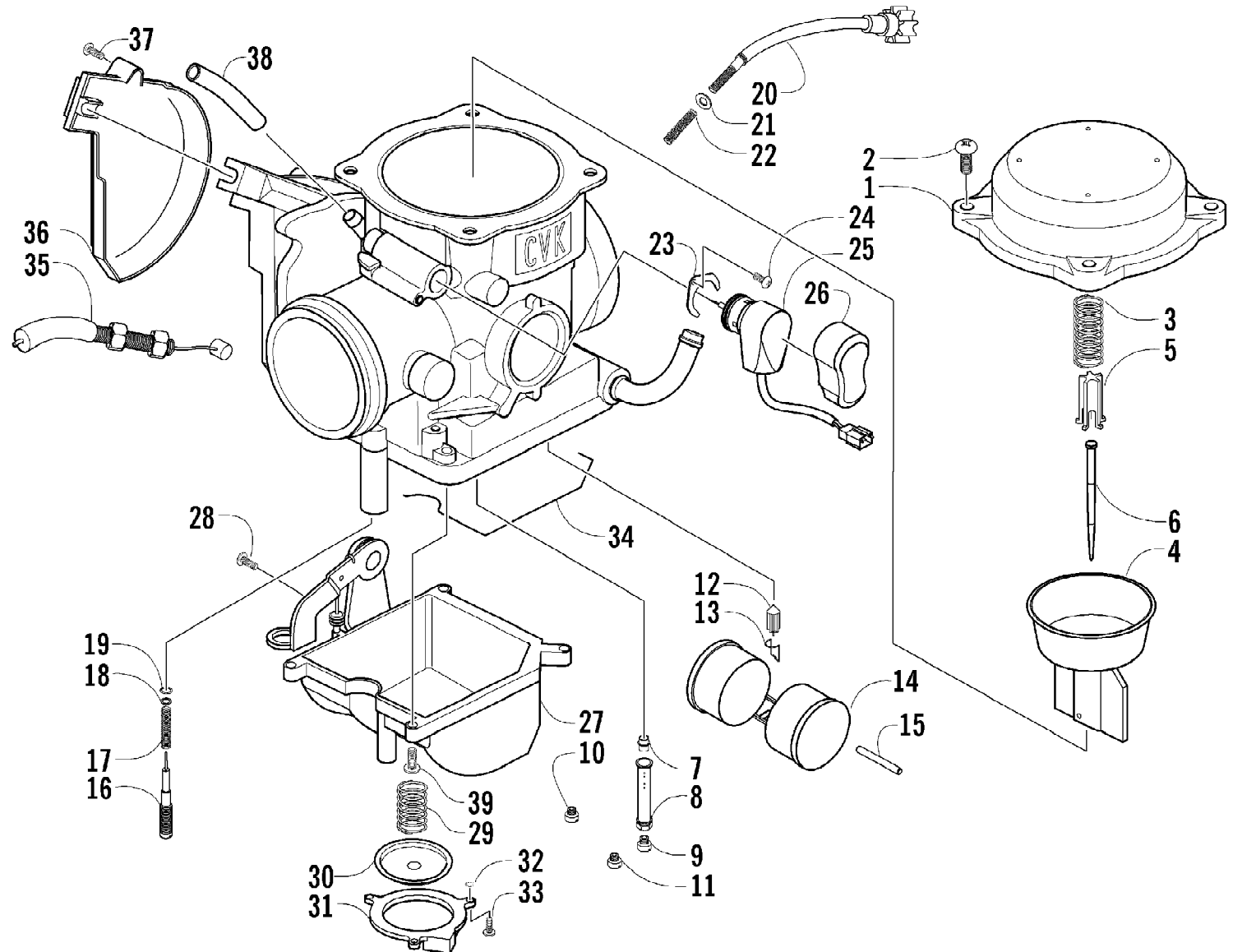
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
CAMSHAFT/VALVE ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 CAMSHAFT/VALVE ASSEMBLY

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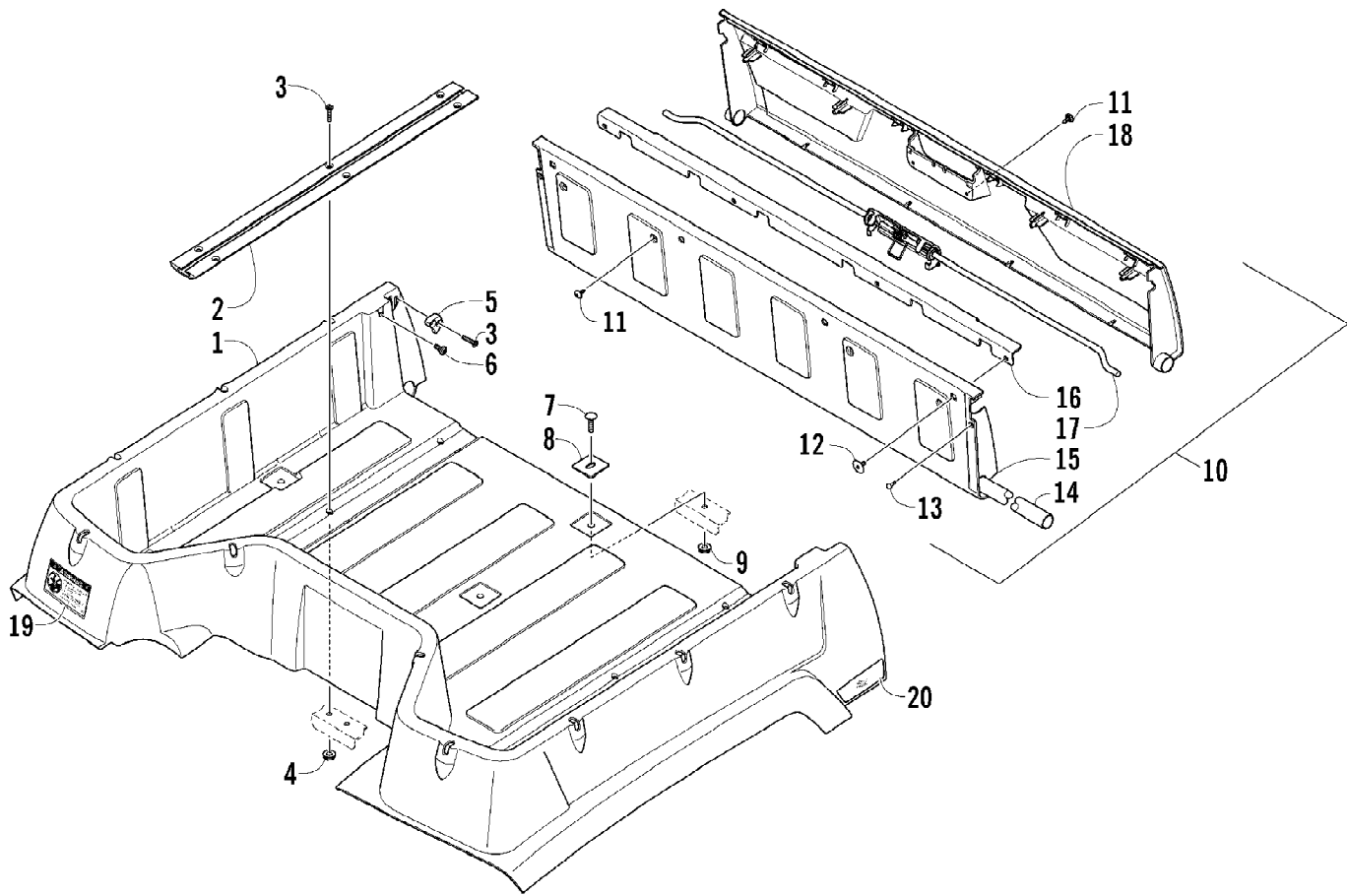
Ref #	Part Number	Qty	S/P/F	Description
1	3402-723	1	S	Camshaft
2	3402-352	1		Sprocket
3	3423-047	1		Pin
4	3423-073	1		Washer
5	3423-013	2	S	Bolt
6	3423-071	1	/P	C-Ring
7	3402-805	1	/P	Arm, Valve Rocker - Intake (inc. two No. 8-9)
8	3423-075	4		Screw
9	3423-076	4		Nut
10	3402-139	1		Arm, Valve Rocker - 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	3402-040	2	/P	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 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 12 of 99
CARBURETOR

Ref #	Part Number	Qty	S/P/F	Description
	0470-533	1		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	5507-184	1		Jet Needle
7	5507-007	1		Needle Jet
8	5507-174	1	S	Holder, Needle Jet
9	5507-043	1		Main Jet - 142
9	5507-009	1	/P	Main Jet - 150
9	5507-041	1		Main Jet - 147
9	5507-044	1		Main Jet - 140
9	5507-086	1		Main Jet - 148
10	5507-101	1	S	Slow Jet
11	5507-112	1		Starter Jet - 85
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	5507-113	1		Choke, Electric
26	5507-114	1		Cover, Electric Choke
27	5507-181	1		Chamber, Float - Assembly (inc. 28-34)
28	5507-207	1	S	O-Ring, Float Chamber
29	5507-050	1	/P	Screw, Drain
30	5507-032	1		Spring
31	5507-031	1	S	Diaphragm Assembly
32	0	1	F	Housing, Pump
33	5507-034	1		U-Ring
34	5507-035	3		Screw
35	5507-017	4	/P	Screw
36	0487-021	1	S	Cable, Throttle
37	5507-036	1		Cover
38	5507-037	1	/P	Screw
39	0410-056	1		Hose, Vent

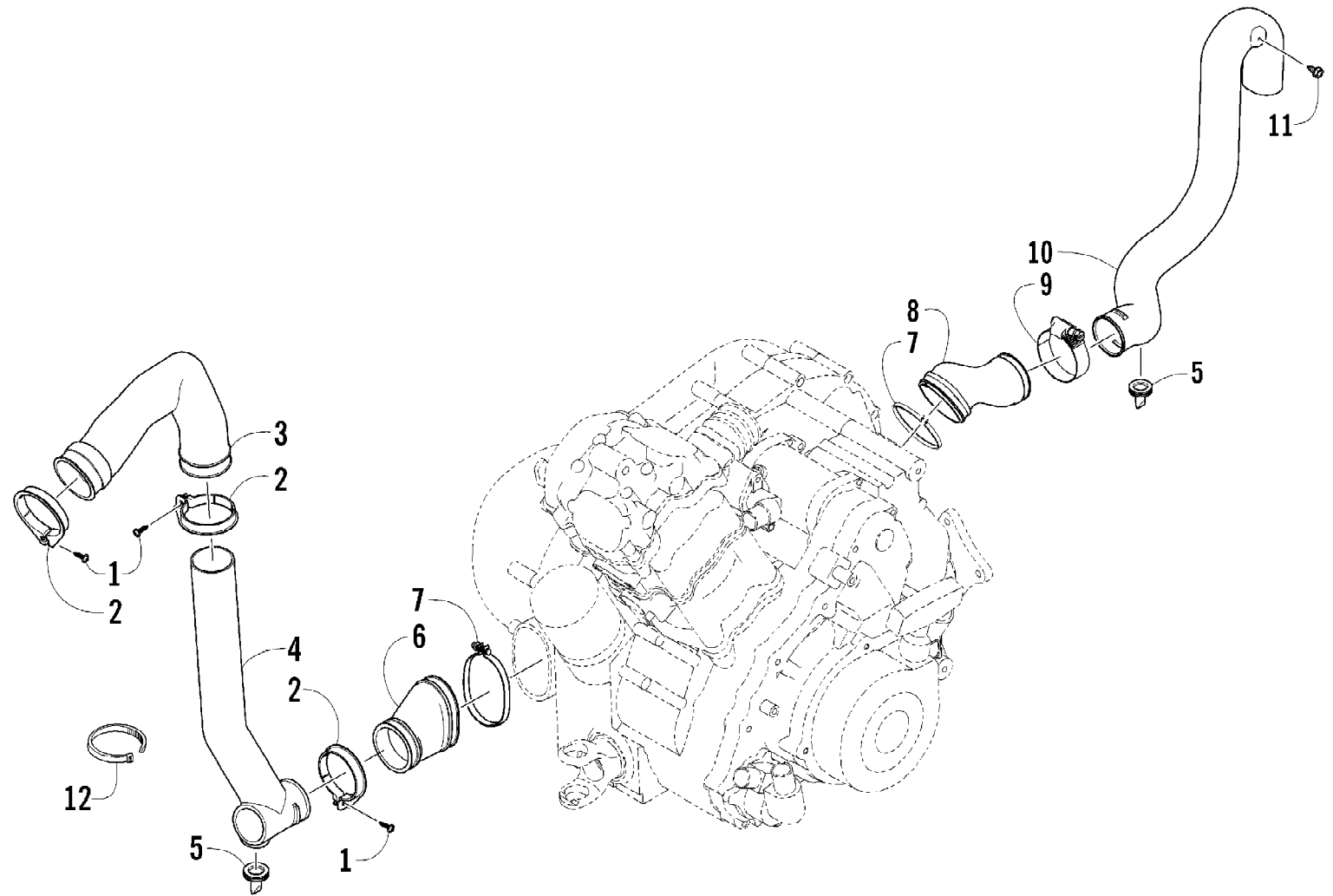
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
CARGO BOX ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 CARGO BOX ASSEMBLY

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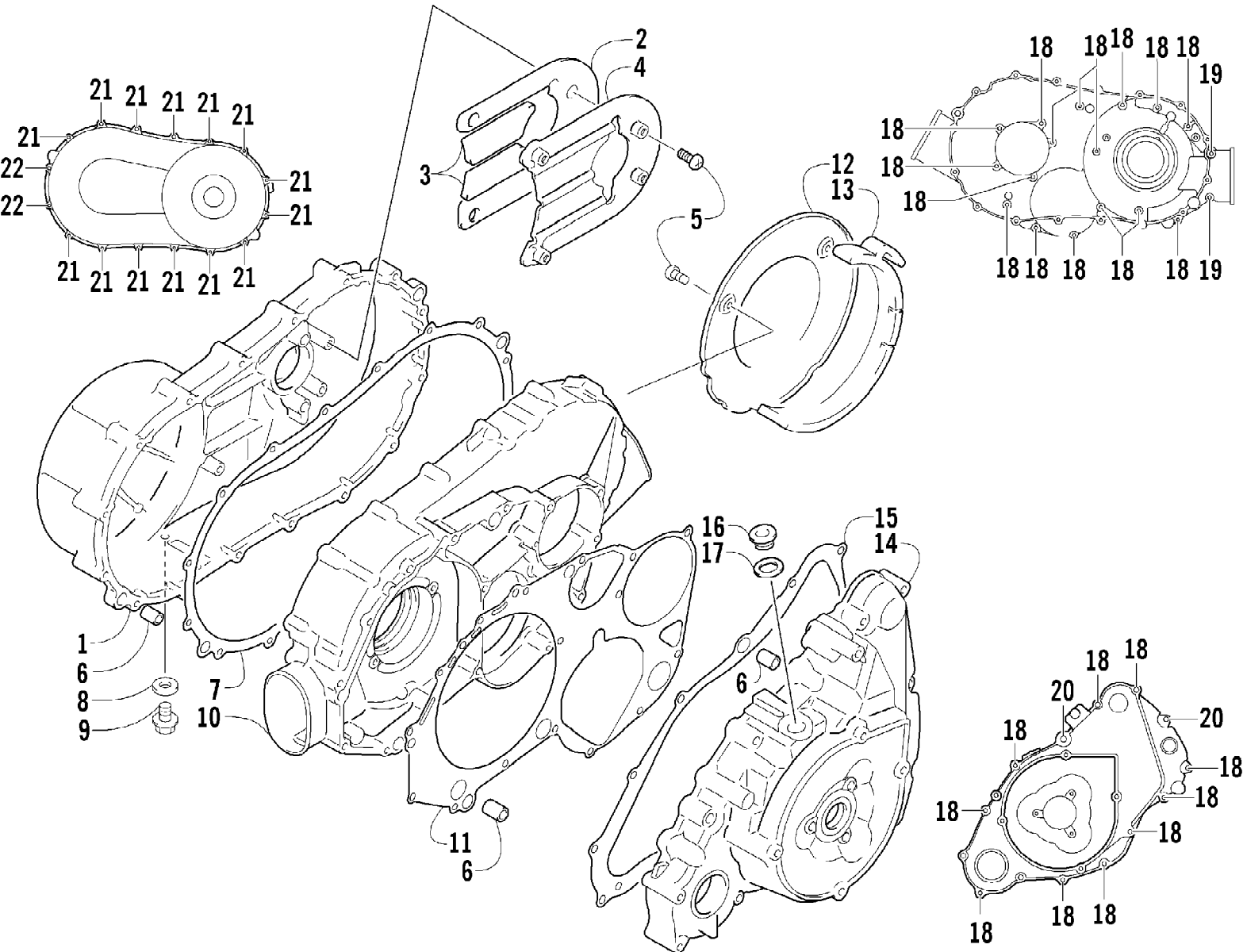
Ref #	Part Number	Qty	S/P/F	Description
1	2506-767	1	/P	Box, Cargo (inc. 19-20)
2	0541-364	2	/P	Rail, Cargo Box
3	8474-630	16		Screw, Machine
4	8424-602	12	/P	Nut
5	1506-940	1		Hook, Tailgate - Right
5	1506-941	1		Hook, Tailgate - Left
6	8471-616	2		Screw, Machine
7	0423-623	7		Bolt, Carriage
8	1506-933	7		Plate, Retainer
9	8424-802	7		Nut
10	1506-568	1		Tailgate Assembly (inc. 11-18)
11	0623-784	10		Screw, Self-Tapping
12	0423-101	4		Screw, Shoulder
13	1406-755	2		Bumper, Tailgate
14	1406-711	1		Shaft, Pivot
15	1406-709	1		Panel, Tailgate - Front
16	1506-567	1		Brace, Tailgate
17	1506-561	1		Latch, Tailgate
18	1406-710	1		Panel, Tailgate - Rear
19	0411-975	1		Decal, Warning - No Passenger/ Weight Limit
20	0411-980	1		Decal, Reflector - Right
20	0411-979	1		Decal, Reflector - Left



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 16 of 99
CASE/BELT COOLING ASSEMBLY

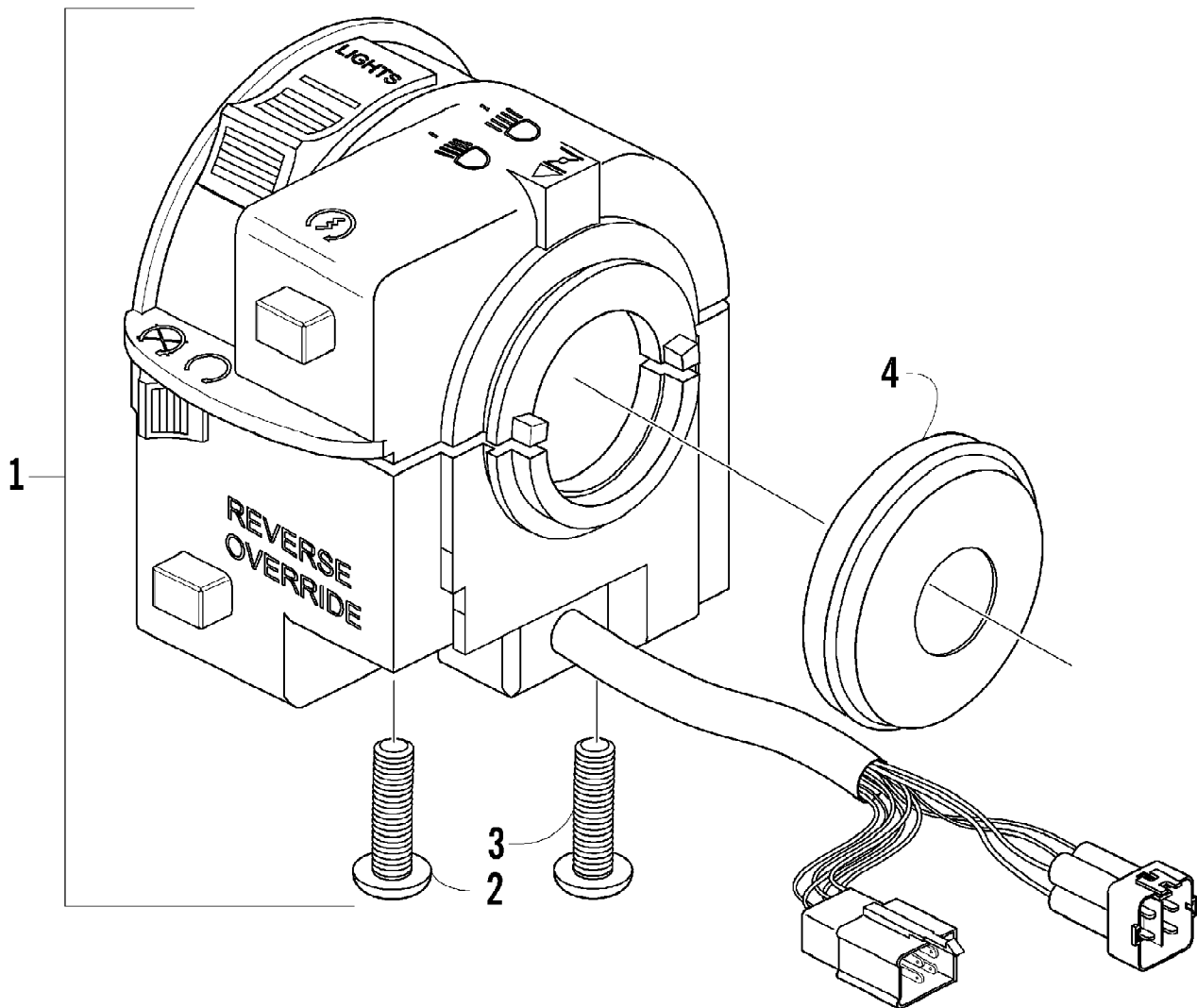
Ref #	Part Number	Qty	S/P/F	Description
1	0423-342	3	/P	Screw, Self-Tapping
2	0423-551	3		Clamp
3	0413-092	1		Boot, Air-In
4	0513-010	1		Duct, Belt Cooling - Front
5	0470-442	2	/P	Valve, Drain
6	0413-049	1		Boot, Duct - Front
7	3402-449	2	/P	Clamp
8	0413-055	1		Boot, Duct - Rear
9	0423-380	1	/P	Clamp
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 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 17 of 99
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 18 of 99
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

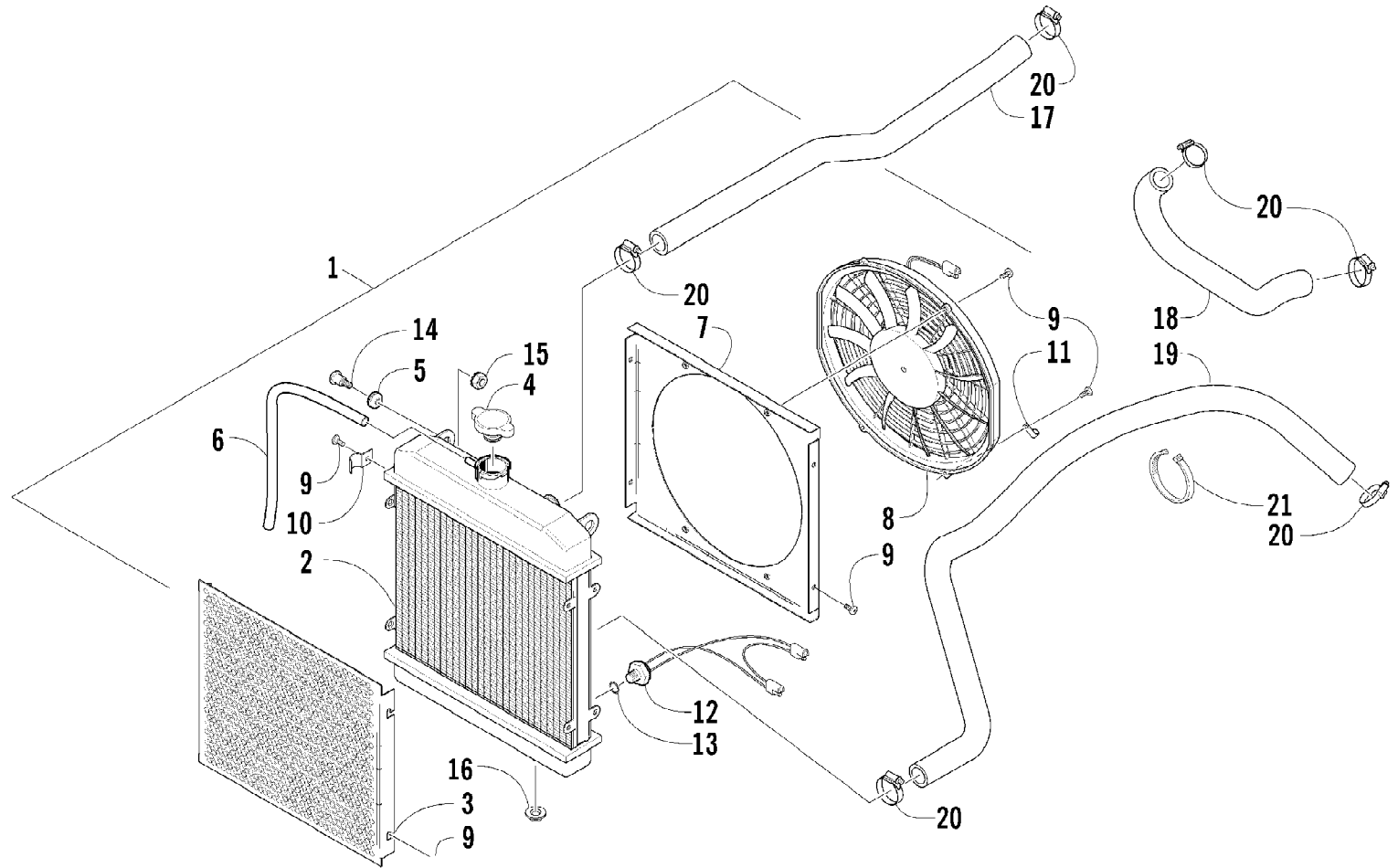
Ref #	Part Number	Qty	S/P/F	Description
1	3402-710	1		Cover, V-Belt
2	3402-711	1		Damper, V-Belt Cover
3	3402-712	2		Damper, V-Belt Cover
4	3402-713	1		Plate, V-Belt Cover
5	3423-435	7		Screw
6	3423-088	6		Pin, Dowel
7	3402-443	1		Gasket, V-Belt Cover
8	3402-444	1		Gasket, Drain Plug
9	3004-705	1	S	Plug, Drain
10	3402-709	1	/P	Cover, Clutch
11	3402-441	1		Gasket, Clutch Cover
12	3402-445	1		Plate, Air Intake
13	3402-699	1	/P	Cushion, Air Intake Plate
14	3402-714	1		Cover, Magneto
15	3402-715	1		Gasket, Magneto Cover
16	3402-041	1	S	Plug, Oil Filler
17	3402-013	1	/P	Gasket, Oil Filler Plug
18	3423-098	26	S	Bolt
19	3423-092	2	S	Bolt
20	3004-756	2	S	Bolt
21	3423-091	14	S	Bolt
22	3423-119	2	S	Bolt



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 20 of 99
CONTROL SWITCH HOUSING ASSEMBLY

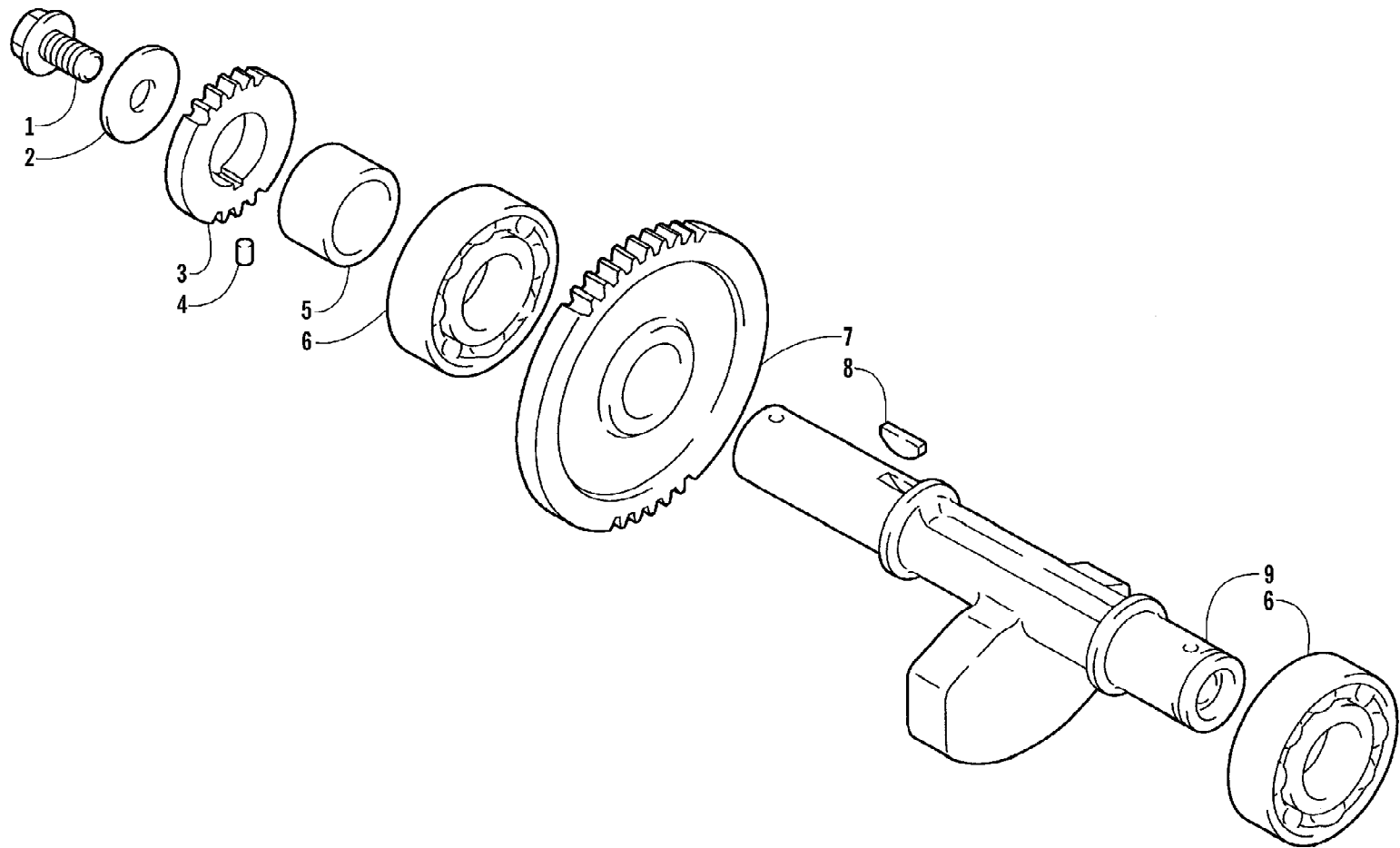
Ref #	Part Number	Qty	S/P/F	Description
1	0509-014	1		Switch, Control - Assembly (inc. 2-4)
2	0409-027	1		Screw, Machine
3	0409-028	1		Screw, Machine
4	3409-019	1		Cover, Switch Housing

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 21 of 99
COOLING ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 22 of 99
 COOLING ASSEMBLY

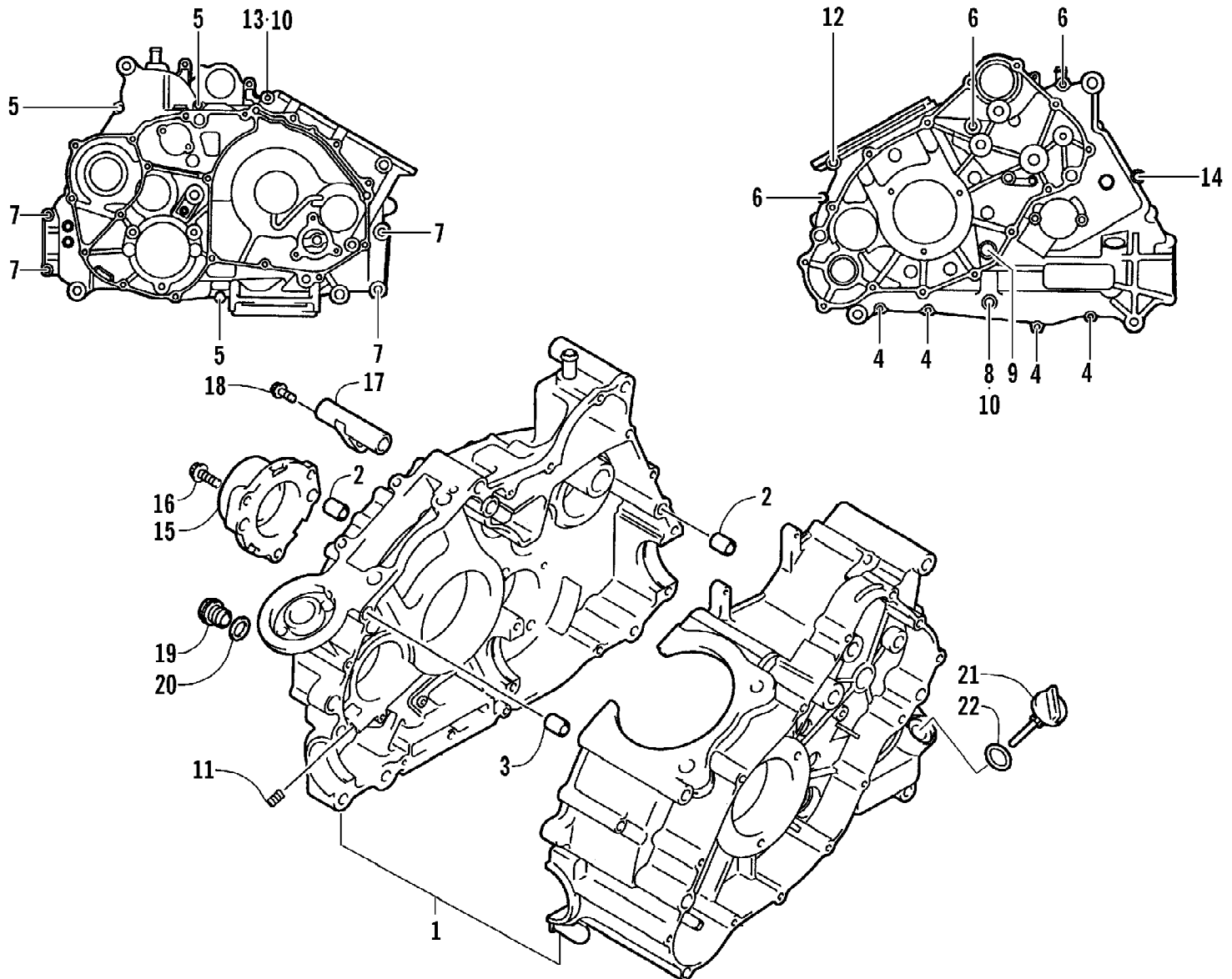
Ref #	Part Number	Qty	S/P/F	Description
1	0413-117	1		Radiator Assembly (inc. 2-13)
2	0413-043	1	S	Radiator
3	0413-007	1		Screen, Radiator
4	0413-002	1	S	Cap, Radiator
5	0423-030	2		Grommet
6	0610-016	AR	/P	Hose - 25 ft
7	0413-046	1		Shroud, Fan
8	0413-123	1	/P	Fan, Cooling
9	8475-512	12		Screw, Machine
10	0423-351	1		Clamp, Wire
11	0123-397	1		Clamp, Cable
12	0413-045	1		Sender, Temperature - Coolant
13	0423-390	1	S	O-Ring
14	0423-484	2		Screw, Shoulder
15	0623-038	2		Nut w/Washer
16	0423-028	2		Bushing, Stem
17	0410-002	1		Hose, Coolant - Upper
18	0410-022	1		Hose, Coolant - Crossover
19	0410-041	1		Hose, Coolant - Lower
20	0423-496	6		Clamp, Hose



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 24 of 99
 CRANK BALANCER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3423-555	1		Bolt
2	3423-401	1		Washer
3	3402-390	1		Gear, Oil Pump Drive
4	3423-110	1		Pin
5	3402-461	1		Spacer
6	3402-050	2		Bearing
7	3402-722	1		Gear, Driven
8	3004-540	1	/P	Key
9	3402-458	1		Balancer, Crank

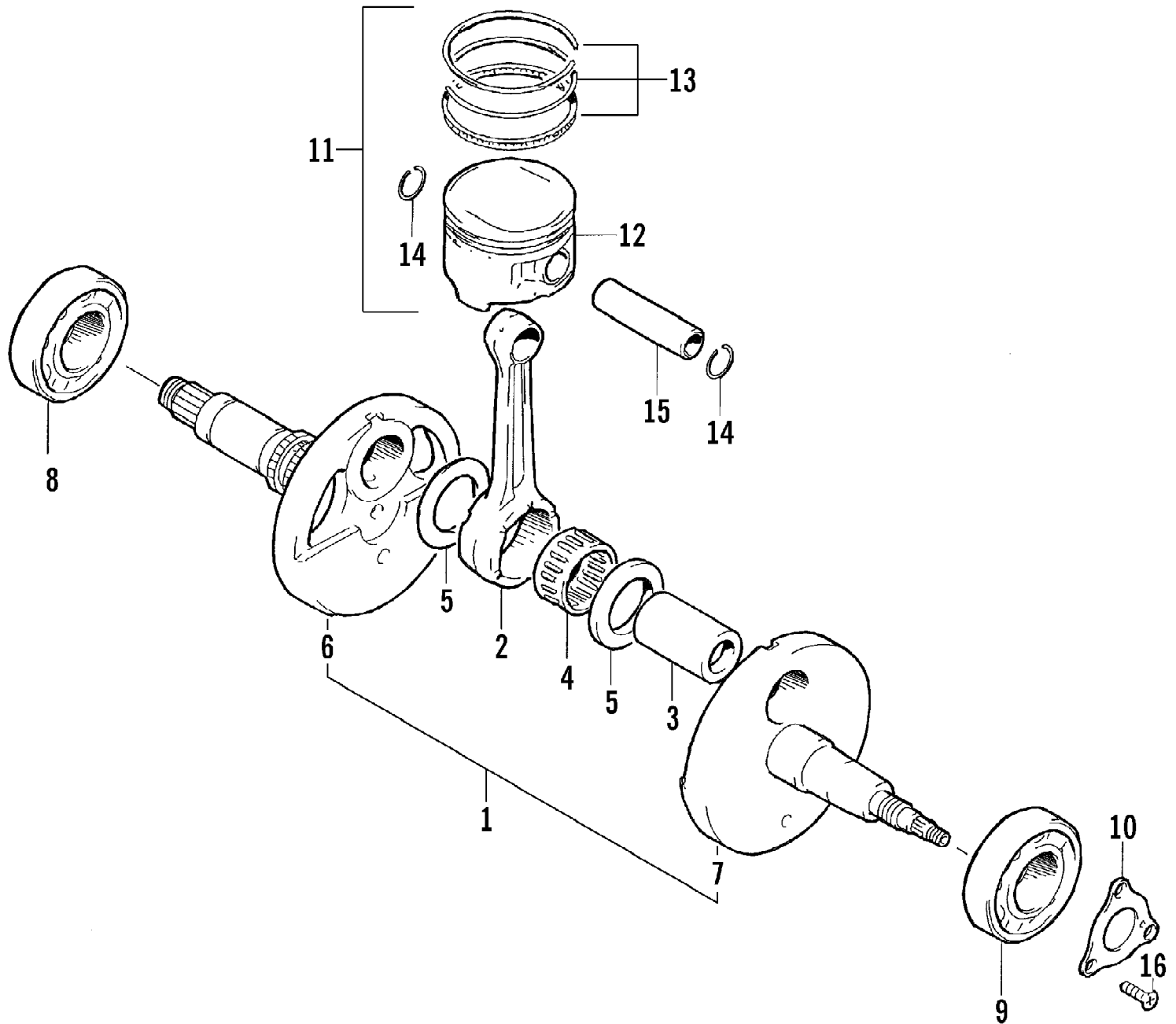
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
CRANKCASE ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 26 of 99
 CRANKCASE ASSEMBLY

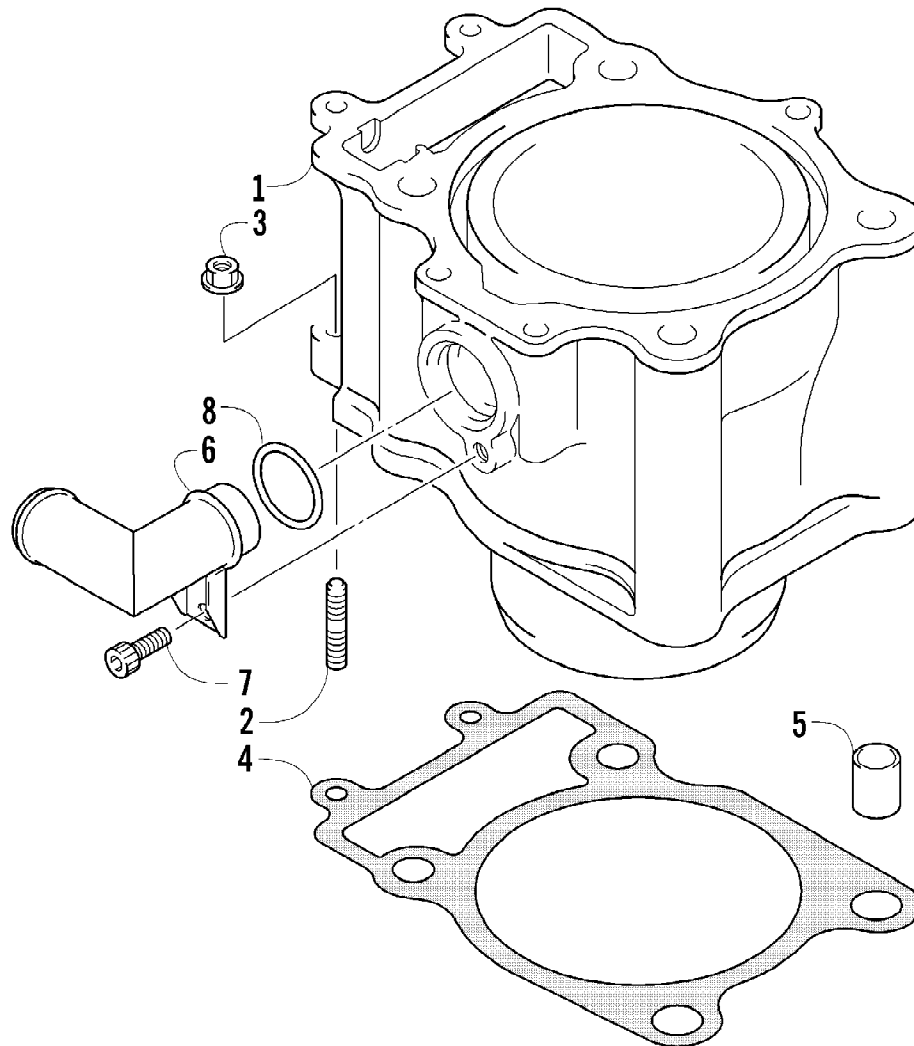
Ref #	Part Number	Qty	S/P/F	Description
1	3402-708	1	/P	Crankcase Assembly (inc. two No. 2 and 3-14)
2	3423-088	4		Pin, Dowel
3	3004-822	1		Pin, Dowel
4	3423-091	4	S	Bolt
5	3423-119	3	S	Bolt
6	3423-092	3	S	Bolt
7	3004-880	4		Bolt
8	3005-332	1		Bolt
9	3423-385	1		Bolt
10	3402-436	2	/P	Gasket
11	3423-386	1		Plug
12	3423-387	1		Bolt
13	3423-388	1		Bolt
14	3423-508	1		Bolt
15	3402-439	1		Housing, Secondary Shaft Bearing
16	3423-506	3	/P	Bolt
17	3402-437	1		Pipe, Breather
18	3423-389	1		Bolt, Breather Pipe
19	3402-214	1		Plug, Oil Pressure
20	3402-012	1		Gasket, Oil Pressure Plug
21	3402-438	1		Stick, Oil Level
22	3423-055	1		O-Ring, Oil Level Stick

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
CRANKSHAFT ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 28 of 99
 CRANKSHAFT ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3403-018	1	/P	Crankshaft Assembly (inc. 2-7)
2	3402-376	1		Rod, Connecting
3	3402-377	1		Pin, Crank
4	3402-717	1	/P	Bearing
5	3423-351	2		Washer
6	3403-025	1		Crankshaft - Right
7	3402-705	1	/P	Crankshaft - Left
8	3402-058	1		Bearing - Right
9	3402-054	1		Bearing - Left
10	3402-188	1	/P	Retainer, Oil Seal - Left
11	3402-788	1		Piston Set (inc. 12-14)
12	3402-719	1		Piston
13	3402-720	1		Ring, Piston - Set
14	3423-344	2		Circlip, Piston Pin
15	3402-375	1		Pin, Piston
16	3423-018	3		Screw

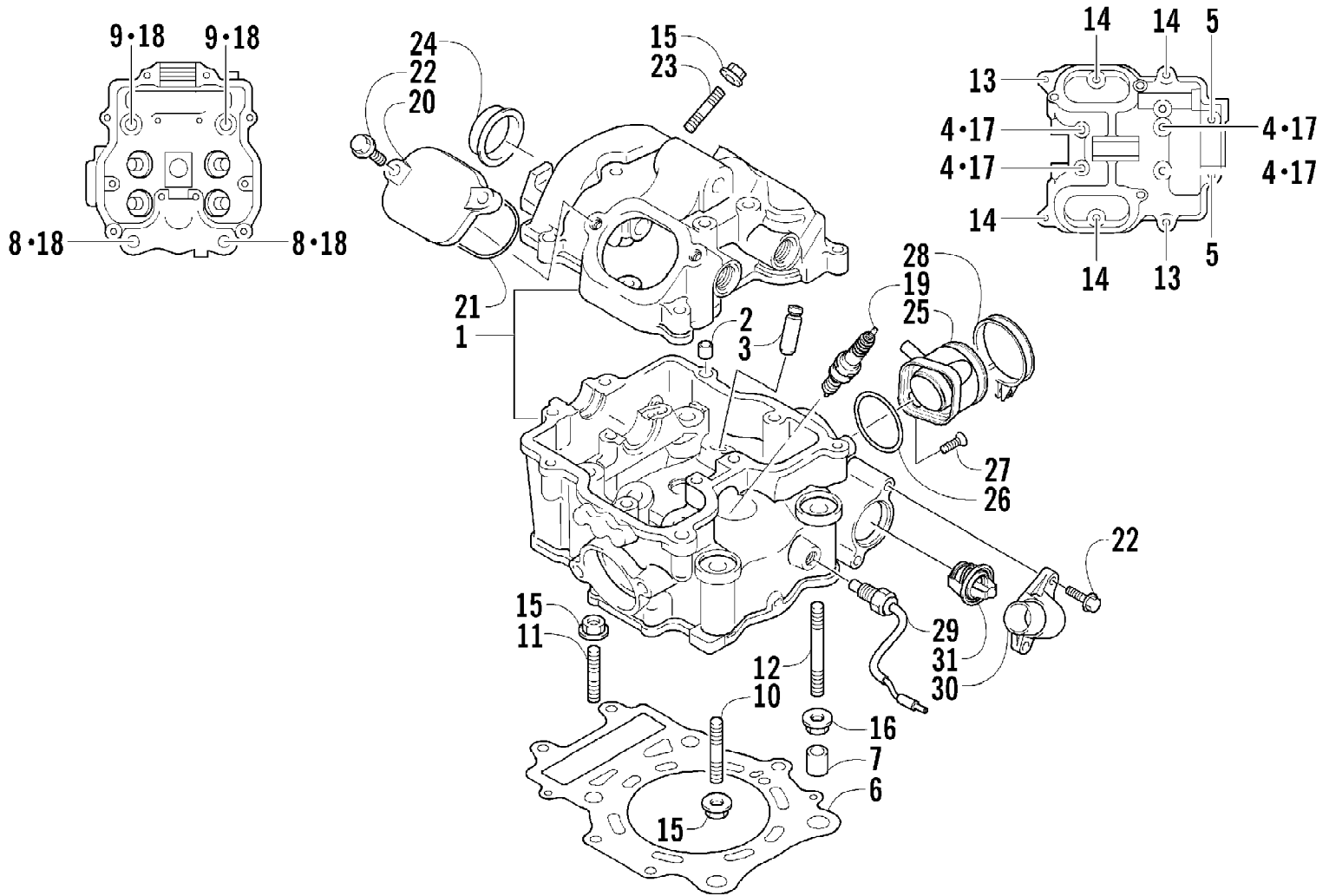


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 30 of 99
CYLINDER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-707	1		Cylinder
2	3423-384	2	S	Bolt, Stud
3	3004-488	2	S/P	Nut
4	3402-365	1	/P	Gasket, Cylinder
5	3423-088	2		Pin, Dowel
6	3413-013	1		Union, Water Hose
7	3423-121	1	S	Screw, Cap
8	3423-058	1		O-Ring

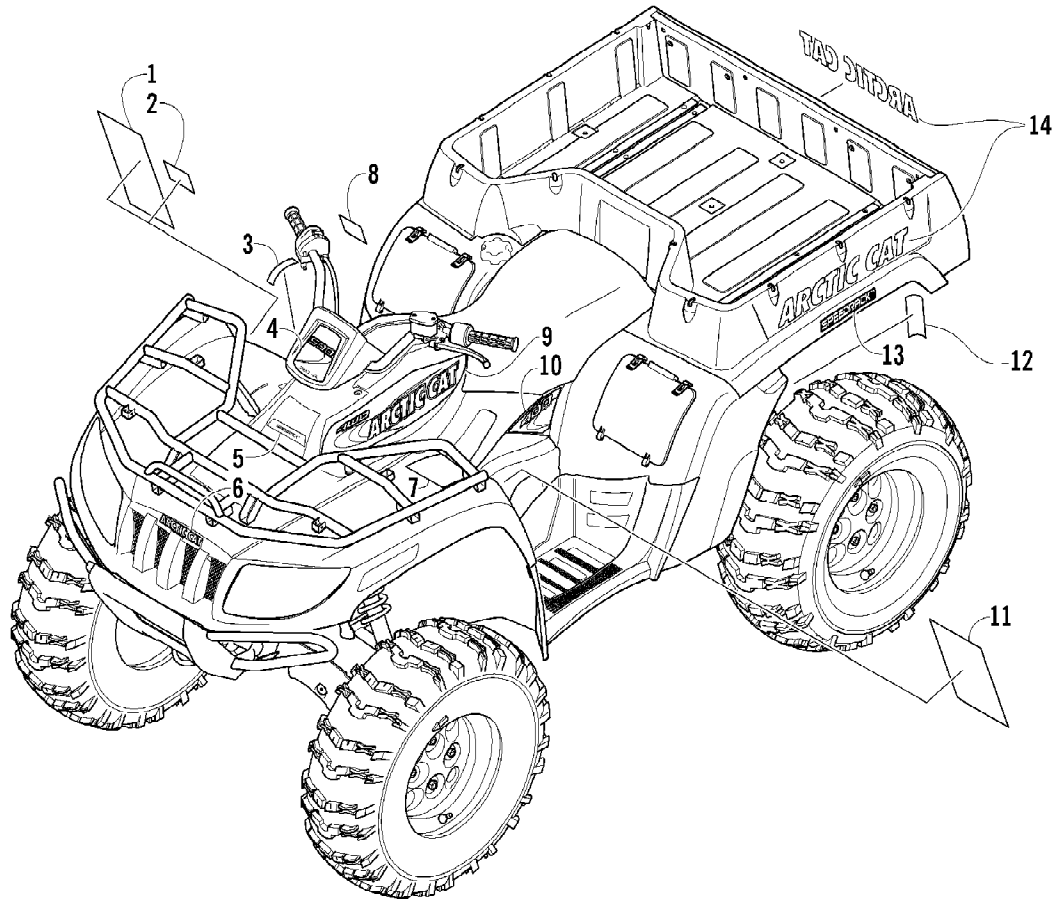
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
CYLINDER HEAD ASSEMBLY

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2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 32 of 99
CYLINDER HEAD ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3402-098	1		Head, Cylinder - Assembly (inc. 2-5)
2	3423-043	2	/P	Pin, Dowel
3	3402-099	4		Guide, Valve
4	3423-006	4		Screw, Cap
5	3008-376	2	S	Screw, Cap
6	3402-362	1		Gasket, Cylinder Head
7	3423-088	2		Pin, Dowel
8	3423-015	2		Screw, Cap
9	3423-016	2		Screw, Cap
10	3423-089	2	S	Bolt, Stud
11	3423-087	2	S	Bolt, Stud
12	3423-203	1	S/P	Bolt, Stud
13	3423-007	2	S	Screw, Cap
14	3004-376	4	S/P	Screw, Cap
15	3004-488	5	S/P	Nut
16	3004-326	1	S/P	Nut
17	3003-290	4	/P	Gasket
18	3402-010	4		Gasket, Head Nut
19	0217-632	1		Spark Plug (NGK CR6E)
20	3402-100	2		Cap, Inspection
21	3402-101	2		O-Ring
22	3004-341	5	S/P	Screw, Cap
23	3423-383	1		Bolt, Stud
24	3402-035	1		Plug, Cylinder Head
25	0570-092	1		Manifold, Intake
26	0470-531	1		O-Ring
27	8476-620	2		Screw, Machine
28	0423-317	1	/P	Clamp
29	3530-038	1	S	Switch, Water Temperature - Assembly
30	3413-004	1		Cover, Thermostat
31	3413-012	1		Thermostat
	3402-048	1		Plug, Frost Not Illustrated

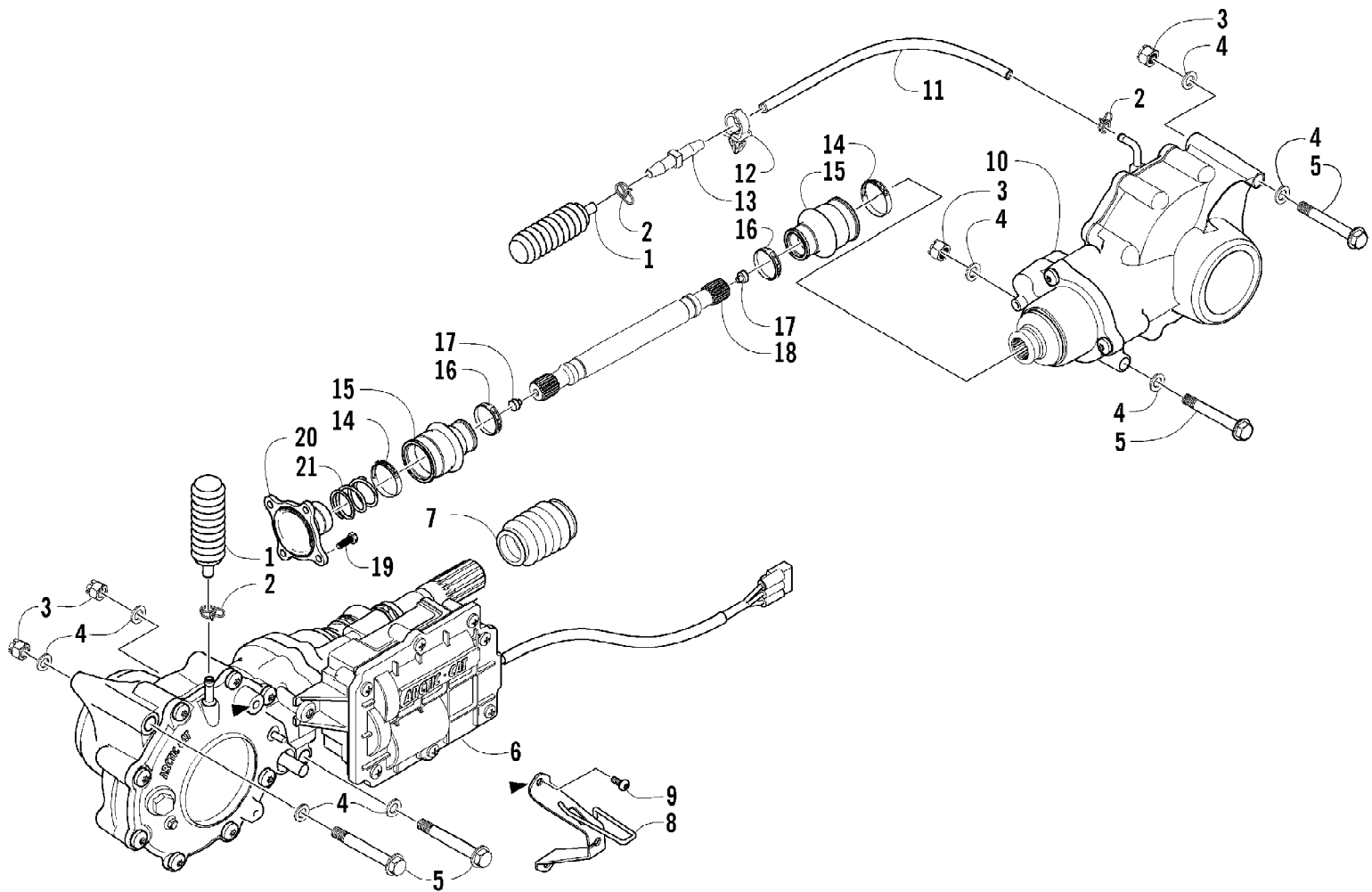


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 DECALS

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Ref #	Part Number	Qty	S/P/F	Description
1	1411-250	1		Decal, Warning - Reverse/Pre-Ride
2	0411-835	1		Decal, Warning - Turn/Hill
3	0411-426	1		Decal, Warning - Clutch Cover
4	1411-074	1		Decal, Instrument Pod
5	1411-050	1	/P	Decal, Crest - "Speedrack"
6	0411-840	1		Decal, Front
7	0411-401	1		Decal, Warning - Age
8	0411-966	1		Decal, Warning - Differential Lock
9	1411-014	1		Decal, Side - Upper Right
9	1411-015	1		Decal, Side - Upper Left
10	1411-030	1		Decal, Side - Lower Right
10	1411-031	1		Decal, Side - Lower Left
11	0411-218	1		Decal, Warning - General
12	1411-077	1		Decal, Warning - Towing
13	0411-965	2		Decal, "Speedrack"
14	1411-157	3		Decal, Cargo Box

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 35 of 99
DRIVE TRAIN ASSEMBLY



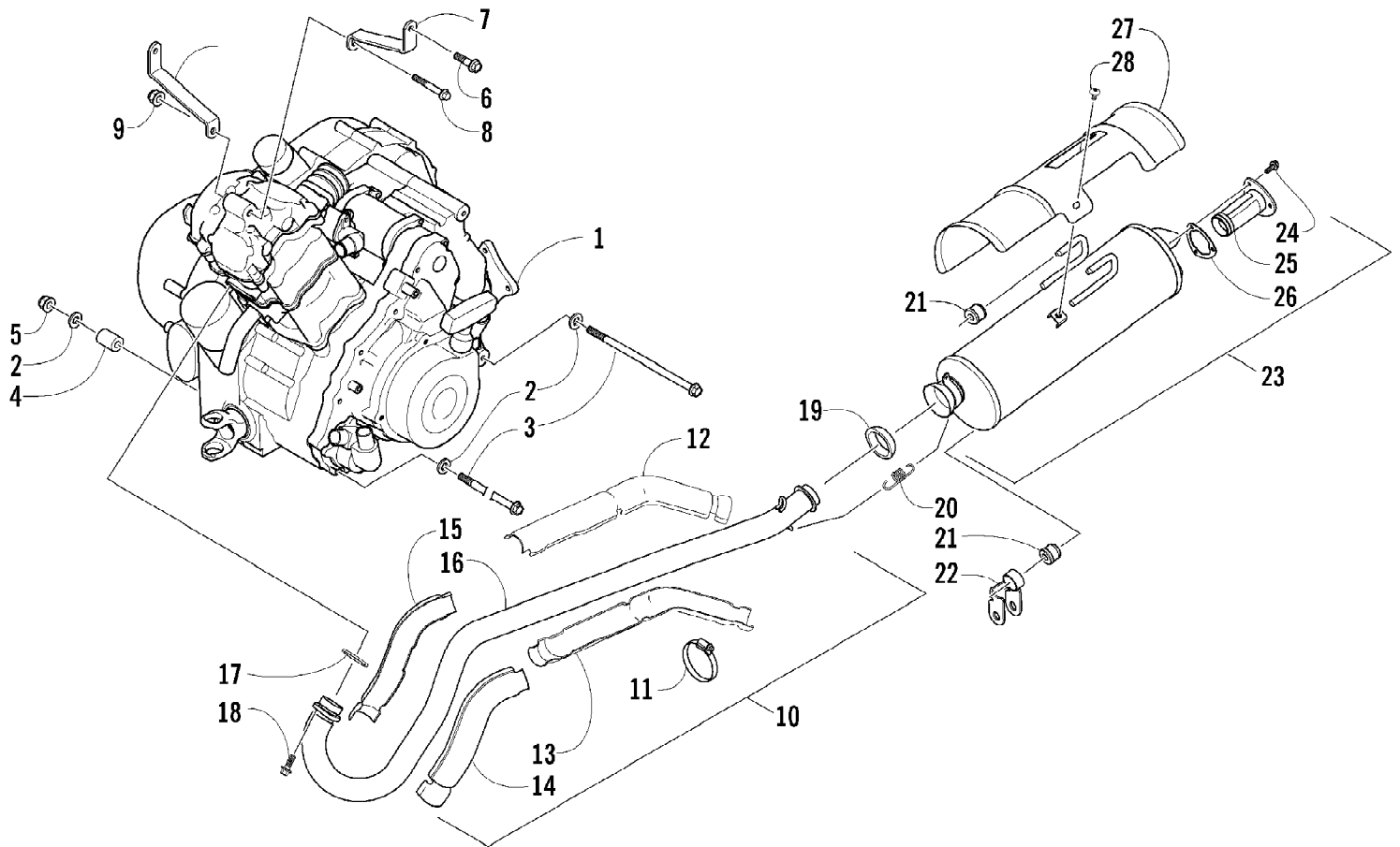
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 DRIVE TRAIN ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	0402-147	2	S	Bladder, Gearcase
2	0423-315	4		Clamp, Fitting
3	8428-002	4		Nut, Lock
4	0423-426	8		Washer
5	0423-404	4		Screw, Cap
6	0502-754	1		Gearcase, Front
7	0402-966	1		Boot, Shaft
8	0502-500	1		Plate, Cable
9	0423-396	2		Screw, Self-Tapping
10	0502-820	1	/P	Gearcase, Rear
11	0410-049	AR		Hose, Vent
12	0623-101	1		Clip, Routing - Snap-In
13	0470-462	1		Fitting, Vent
14	0423-393	2		Clamp, Boot
15	0402-985	2	/P	Boot
16	0423-411	2		Clamp, Boot
17	0673-618	2	/P	Bumper, Propeller Shaft
18	1402-092	1		Shaft, Propeller
19	8408-820	4	/P	Screw, Cap
20	0402-950	1		Flange, Output
21	1402-026	1		Spring

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
ENGINE AND EXHAUST

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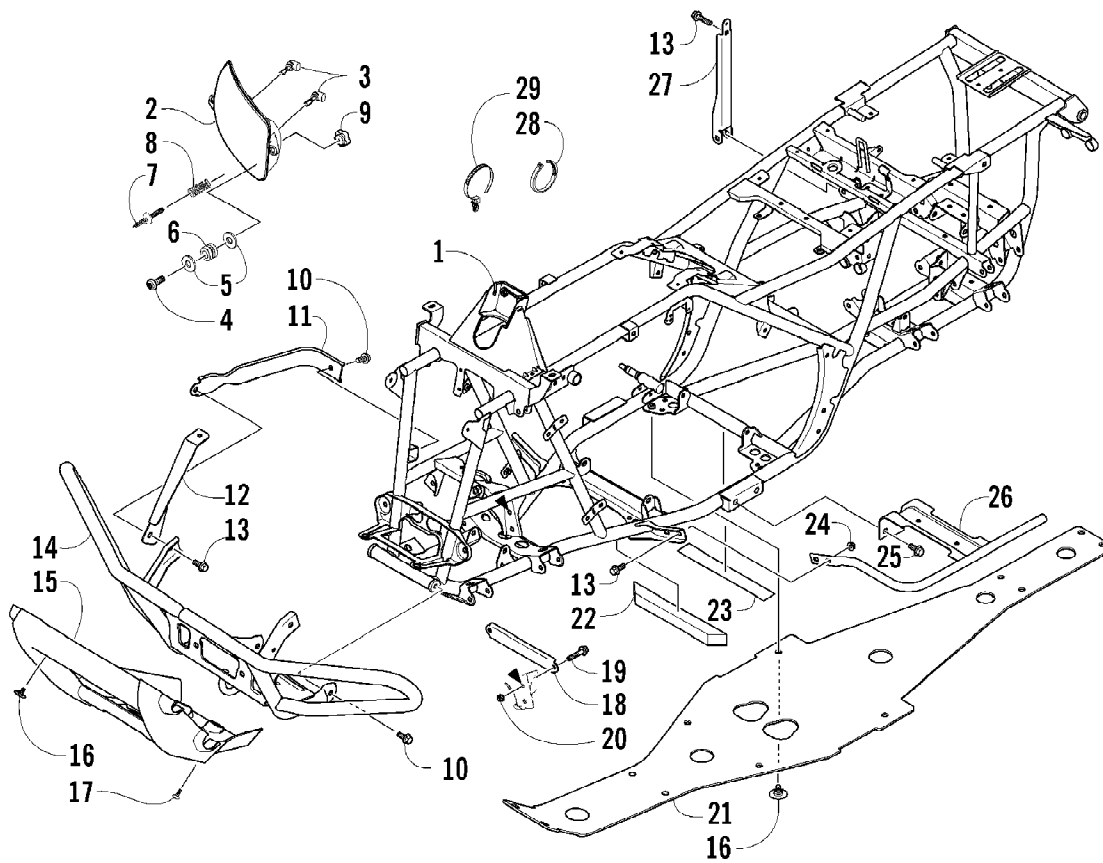


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
ENGINE AND EXHAUST

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Ref #	Part Number	Qty	S/P/F	Description
1	0462-029	1	/P	Engine
2	0423-426	4		Washer
3	0423-405	3		Screw, Cap
4	0423-042	2	S	Spacer
5	8428-002	3		Nut, Lock
6	8408-816	2		Screw, Cap
7	1506-632	1		Bracket, Engine Mount - Right
7	1506-633	1		Bracket, Engine Mount - Left
8	8408-860	1		Screw, Cap
9	8424-802	1		Nut
10	0512-276	1		Pipe, Exhaust - Assembly (inc. 11-16)
11	0423-317	4	/P	Clamp
12	0412-354	1		Shield, Exhaust Pipe - Upper
13	0412-355	1		Shield, Exhaust Pipe - Lower
14	0412-349	1		Shield, Exhaust Pipe
15	0412-348	1		Shield, Exhaust Pipe
16	0512-278	1		Pipe, Exhaust
17	0412-007	1	/P	Seal, Exhaust
18	8408-820	2	/P	Screw, Cap
19	0412-256	1	S	Gasket, Exhaust
20	0612-668	2	/P	Spring, Extension
21	0412-215	4	S	Bushing, Exhaust Pipe
22	1506-732	1		Channel, Muffler Support
23	0512-306	1	/P	Muffler - Assembly (inc. 24-26)
24	8408-616	3		Screw, Cap
25	0512-219	1	/P	Arrester, Spark - Assembly
26	0412-313	1		Gasket, Spark Arrester
27	0412-373	1	/P	Cover, Muffler
28	8477-610	3		Screw, Machine

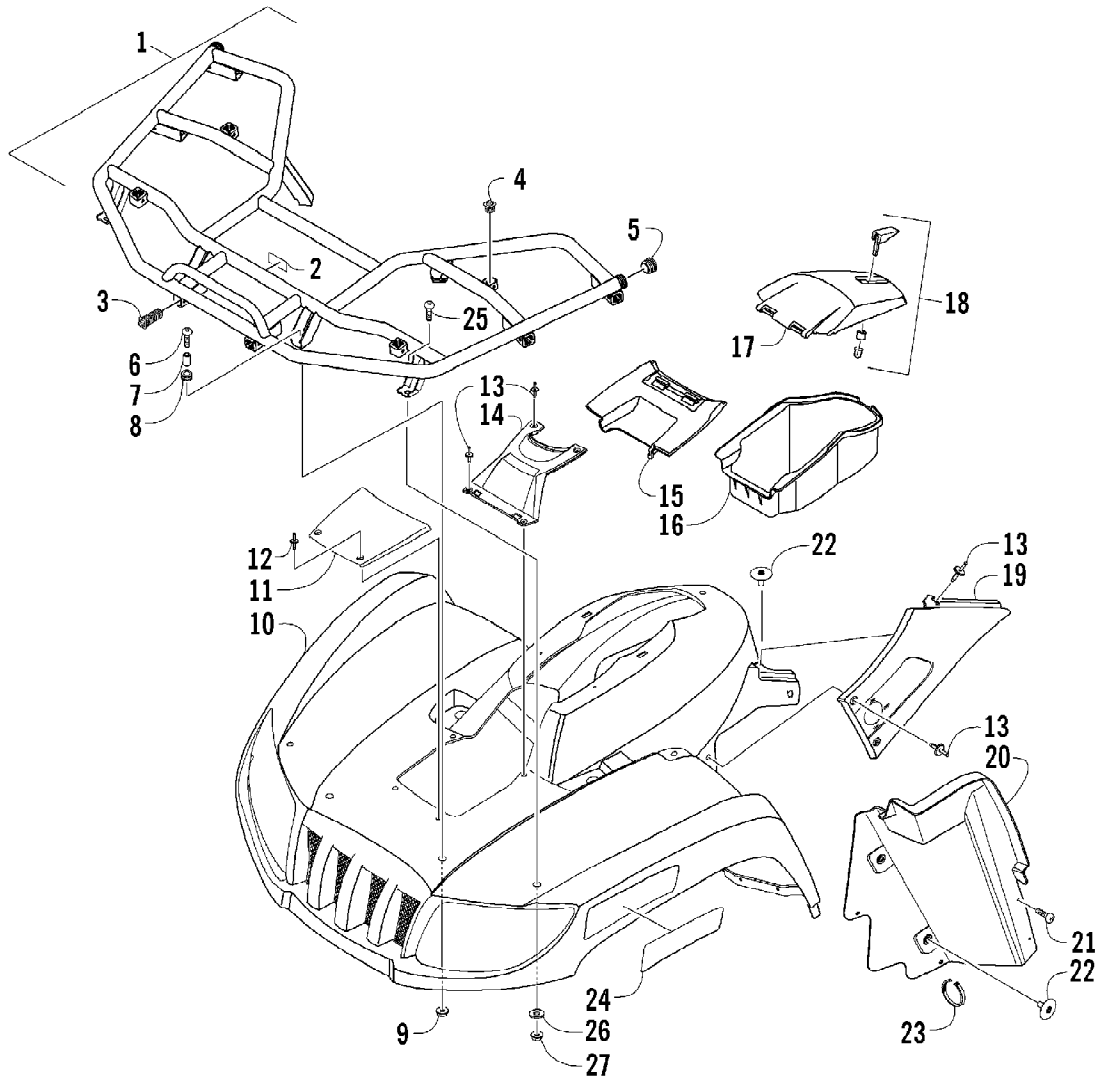
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 39 of 99
FRAME AND RELATED PARTS



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 40 of 99
FRAME AND RELATED PARTS

Ref #	Part Number	Qty	S/P/F	Description
1	1506-719	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, Gauge Mount
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	7		Screw, Cap
14	1506-855	1	/P	Bumper
15	1406-360	1		Grille, Bumper
16	0423-101	16		Screw, Shoulder
17	0423-419	2		Screw, Machine
18	1506-429	1	S	Brace, A-Arm
19	8409-025	2		Screw, Cap
20	8428-002	2		Nut
21	1406-176	1		Panel, Belly
22	1506-067	1		Pad, Foam
23	0406-289	1		Pad, Foam
24	8424-802	4		Nut
25	8409-016	4		Screw, Cap
26	1506-590	1		Footrest - Right
26	1506-591	1		Footrest - Left
27	1506-548	1		Channel, Support
28	0623-751	1		Cable Tie - 11.75 in.
29	0423-075	2		Cable Tie - Push-Mount

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 41 of 99
FRONT BODY PANEL ASSEMBLY

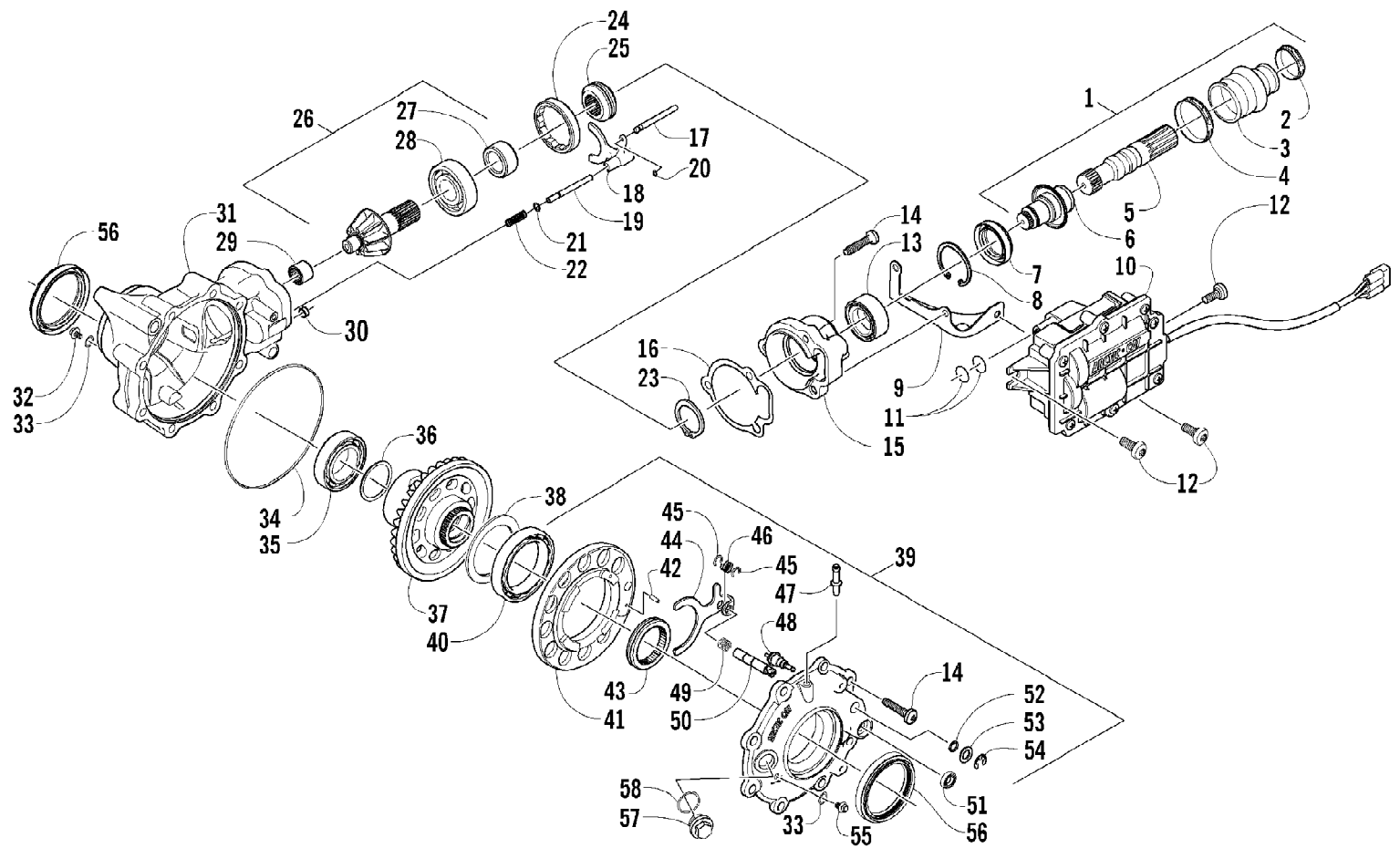


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 42 of 99
 FRONT BODY PANEL ASSEMBLY

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	1406-283	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 - Amber - Right
24	0411-819	1		Decal, Reflector - Amber - Left
25	0423-355	2		Screw, Shoulder
26	8050-222	2	/P	Washer
27	8424-602	2	/P	Nut, Lock

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
FRONT DRIVE GEARCASE ASSEMBLY

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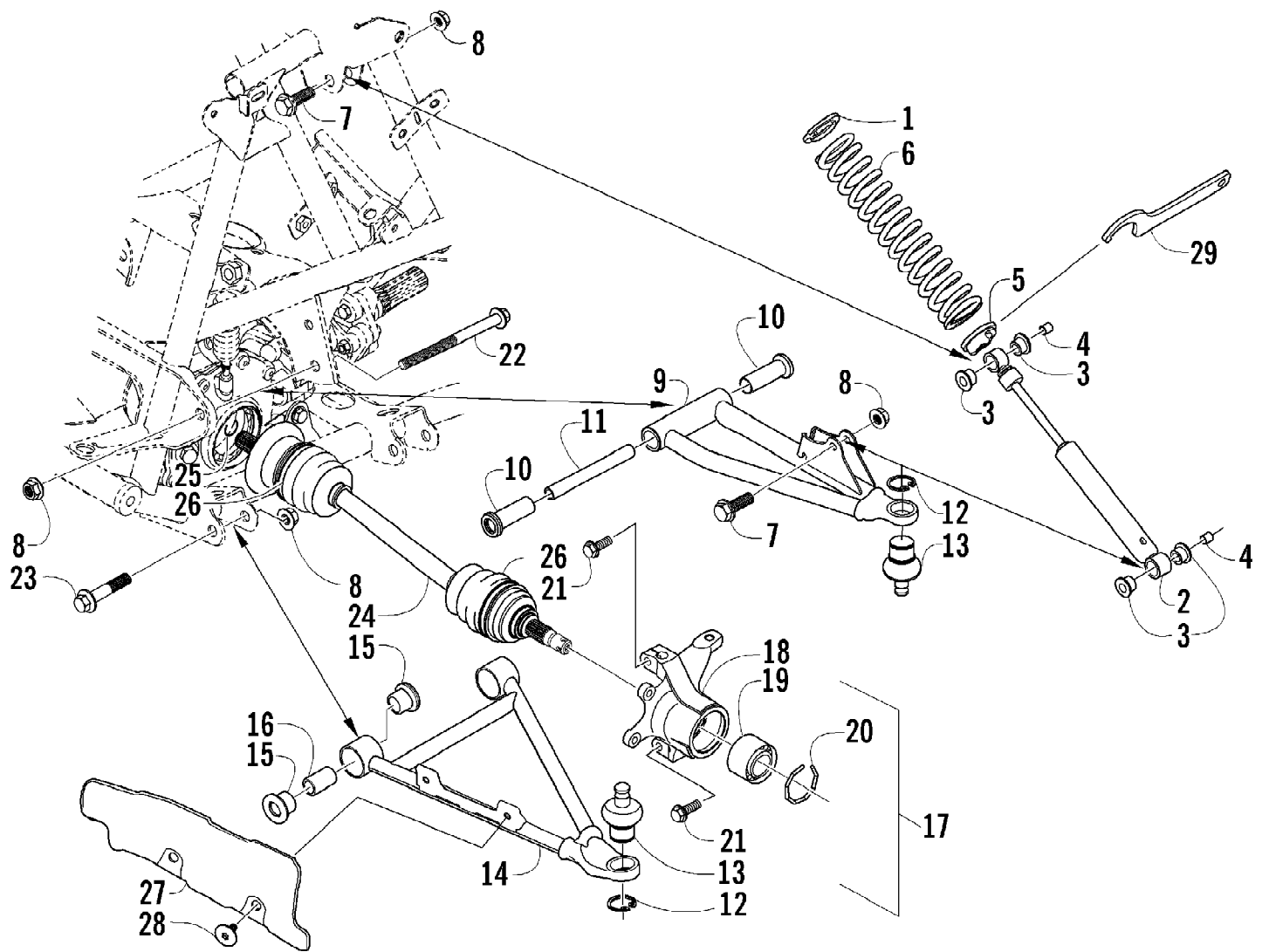
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 44 of 99
 FRONT DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	0502-754	1		Front Drive Gearcase Assembly
1	0502-385	1		Shaft, Propeller - Assembly (inc. 2-6)
2	0423-411	1		Clamp, Boot
3	0402-985	1	/P	Boot, Propeller Shaft
4	0423-393	1		Clamp, Boot
5	1402-045	1		Shaft, Output
6	0502-407	1	S	Shaft, Input
7	1402-011	1		Seal
8	0423-423	1		Ring, Retaining
9	0502-347	1		Bracket, Actuator
10	0502-579	1		Actuator (inc. one No. 11)
11	0423-498	2	S	O-Ring
12	0423-396	3		Screw, Self-Tapping
13	1402-043	1		Bearing
14	0423-118	11		Screw, Self-Tapping
15	0502-528	1	/P	Housing, Pinion
16	0402-947	1		Gasket, Flange
17	0402-997	1		Shaft, Selector
18	0402-998	1		Fork, Selector
19	0402-417	1		Shaft, Shuttle
20	0423-402	1		Ring, Retaining
21	0423-147	1		O-Ring
22	0402-999	1		Spring, Return
23	0423-417	1		Ring, Retaining
24	0402-357	1		Collar, Lock
25	0402-413	1		Coupler, Drive
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	0402-411	1		Pin, Dowel
31	0502-514	1		Housing, Gearcase
32	1402-210	1	/P	Plug, Magnetic (inc. one No. 33)
33	0423-153	2		O-Ring
34	0423-149	1		O-Ring
35	0402-393	1		Bearing
36	0402-405	AR		Shim
36	0402-406	AR		Shim
36	0402-407	AR		Shim
36	0402-408	AR		Shim
36	0402-409	AR		Shim
37	0502-851	1		Gear, Ring - 36T
38	1402-074	AR		Shim
38	1402-075	AR		Shim
38	1402-076	AR		Shim
38	1402-077	AR		Shim
38	1402-078	AR		Shim
39	0502-434	1		Cover, Gearcase (inc. one No. 33, 40-55, and one No. 56)
40	1402-053	1		Bearing
41	0502-413	1		Flange, Bearing
42	1402-079	1		Pin, Parallel

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 FRONT DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
43	1402-042	1		Collar, Sliding
44	1402-054	1		Fork
45	1402-058	2		Ring, Retaining
46	1402-057	1		Spring
47	1402-104	1		Fitting
48	0402-419	1		Switch, Indicator
49	1402-063	1		Spring
50	1402-055	1		Shaft, Lock
51	1402-056	1		Seal
52	0423-133	1		O-Ring
53	0423-132	1		Washer
54	0423-424	1		Ring, Retaining
55	1402-211	1		Plug, Oil Level (inc. one No. 33)
56	0402-394	2	S	Seal
57	0402-333	1	/P	Plug, Fill (inc. 58)
58	0423-154	1		O-Ring

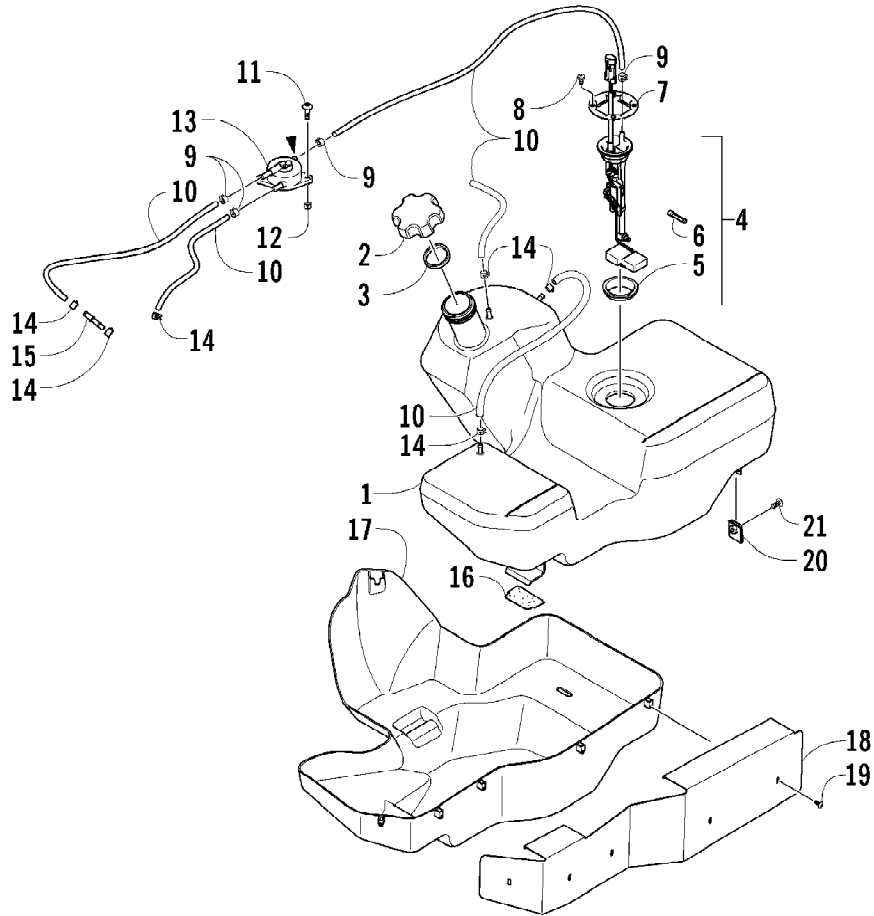
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
FRONT SUSPENSION ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 47 of 99
 FRONT SUSPENSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1603-889	2	/P	Retainer, Spring
2	0403-127	2		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	0403-129	2	S	Spring, Shock Absorber
7	8409-040	4		Screw, Cap
8	8428-002	10		Nut, Lock
9	0503-272	1	S	A-Arm, Upper Right (inc. 10-13)
9	0503-273	1	S	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	0503-268	1	/P	A-Arm, Lower Right (inc. 12-13 and 15-16)
14	0503-269	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	1	S	Axle, Drive - Right (inc. 25-26)
24	0502-813	1	S	Axle, Drive - Left (inc. 25-26)
25	1441-109	2	S	Clip, Retaining
26	0436-276	2	S	Repair Kit, Boot - Front Axle
27	0441-752	1		Guard, Boot - Axle - Right
27	0441-753	1		Guard, Boot - Axle - Left
28	0423-101	4		Screw, Shoulder
29	0441-587	1		Wrench, Spanner

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
GAS TANK ASSEMBLY



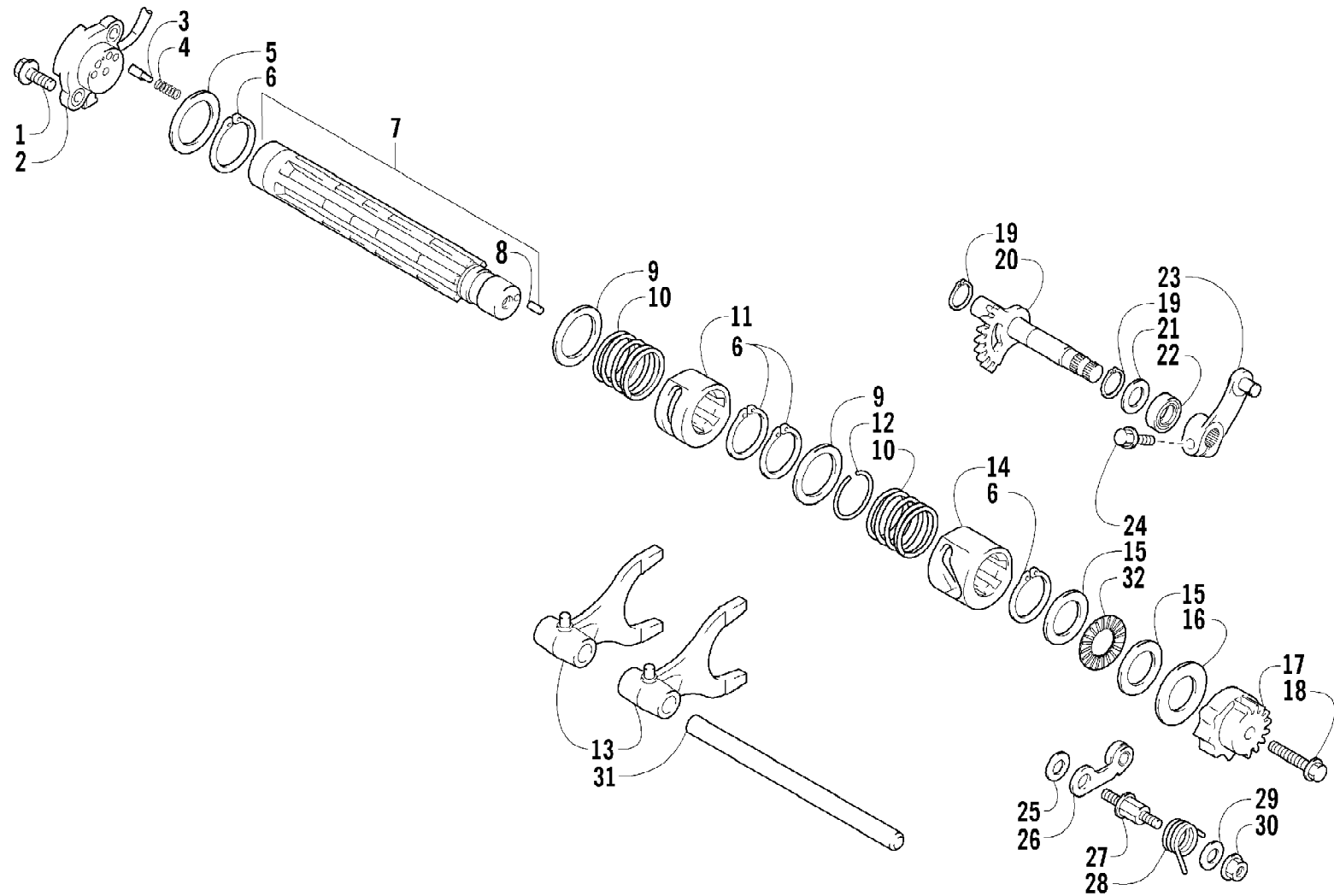
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 GAS TANK ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	0570-103	1	S	Tank, Gas - Assembly (inc. 2-8)
2	0470-438	1	/P	Cap, Gas Tank (inc. 3)
3	0109-733	1	/P	Gasket, Tank Cap
4	0570-113	1	S	Sensor, Fuel Level (inc. 5-6)
5	0470-521	1		Seal, Fuel Level Sensor
6	0470-475	1		Filter, Fuel
7	0470-546	1	S	Plate, Mounting - Fuel Level Sensor
8	1623-158	4		Screw, Self-Tapping
9	0423-461	4	S	Clamp, Hose
10	0410-070	AR	/P	Hose, Gasline - 25 ft
11	8476-620	2		Screw, Machine
12	0623-038	2		Nut w/Washer
13	0470-519	1	S	Pump, Fuel
14	1623-233	6		Clamp, Hose
15	0470-527	1	S	Fitting, Straight
16	0470-476	1		Pad, Gas Tank
17	0470-479	1		Shield, Gas Tank
18	0470-474	1		Shield, Heat
19	0623-797	5		Screw, Self-Tapping
20	0470-536	2		Clip, U-Nut
21	0423-609	2		Screw, Shoulder

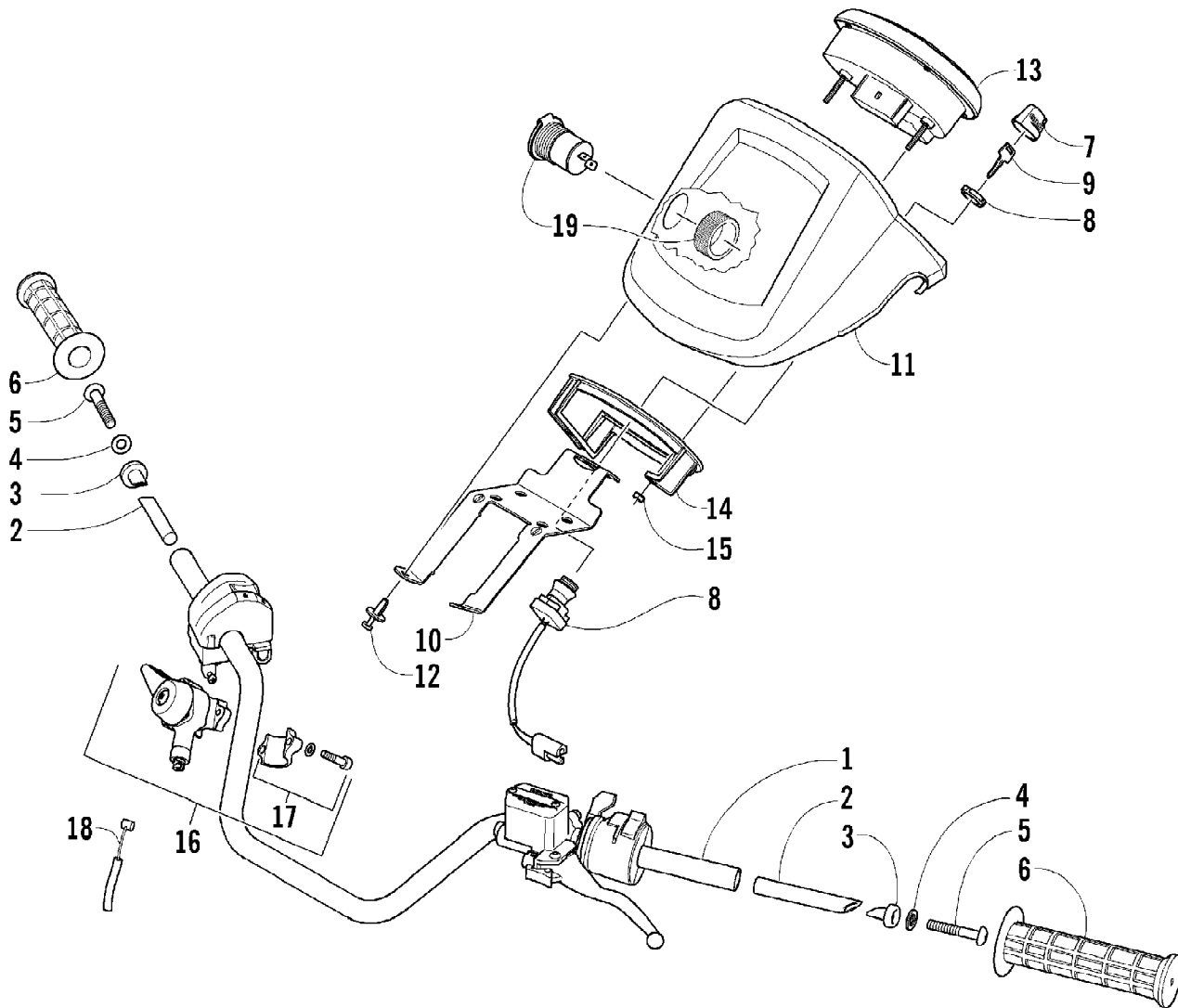
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
GEAR SHIFTING ASSEMBLY

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GEAR SHIFTING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3423-418	2		Bolt
2	3530-042	1		Base, Gear Shift - Assembly
3	3423-044	2		Contact
4	3402-087	2		Spring
5	3423-421	1	/P	Washer, Shift Shaft
6	3423-191	4	/P	Circlip, Cam Spring
7	3402-826	1		Shaft, Gear Shift (inc. 8)
8	3423-114	1	/P	Pin
9	3402-382	2		Washer, Cam Spring
10	3446-280	2		Spring, Cam
11	3402-827	1		Cam, Reverse
12	3423-116	1	S	C-Ring, Cam
13	3446-353	2		Fork, Shift
14	3402-828	1		Cam, Gear Shift
15	3402-381	2	/P	Washer, Shift Shaft
16	3423-446	1		Washer, Gear Shift Cam Plate
17	3402-642	1		Plate, Gear Shift Cam
18	3004-376	1	S/P	Bolt, Gear Shift Cam Plate
19	3423-358	2	S	Circlip, Sub-Gear Shift Shaft
20	3402-747	1		Shaft, Sub-Gear Shift
21	1691-043	2		Washer, Sub-Gear Shift Shaft
22	3402-076	1		Seal, Sub-Gear Shift Shaft
23	3402-434	1	/P	Arm, Select
24	3004-341	1	S/P	Bolt, Select Arm
25	3423-141	1		Washer, Cam Stopper
26	3402-746	2		Stopper, Cam
27	3446-048	1		Support, Cam Stopper
28	3423-511	1		Spring, Cam Stopper
29	3423-438	2		Washer, Cam Stopper Spring
30	3004-488	1	S/P	Nut, Cam Stopper Spring
31	3446-266	1		Shaft, Shift Fork
32	3402-829	1		Bearing

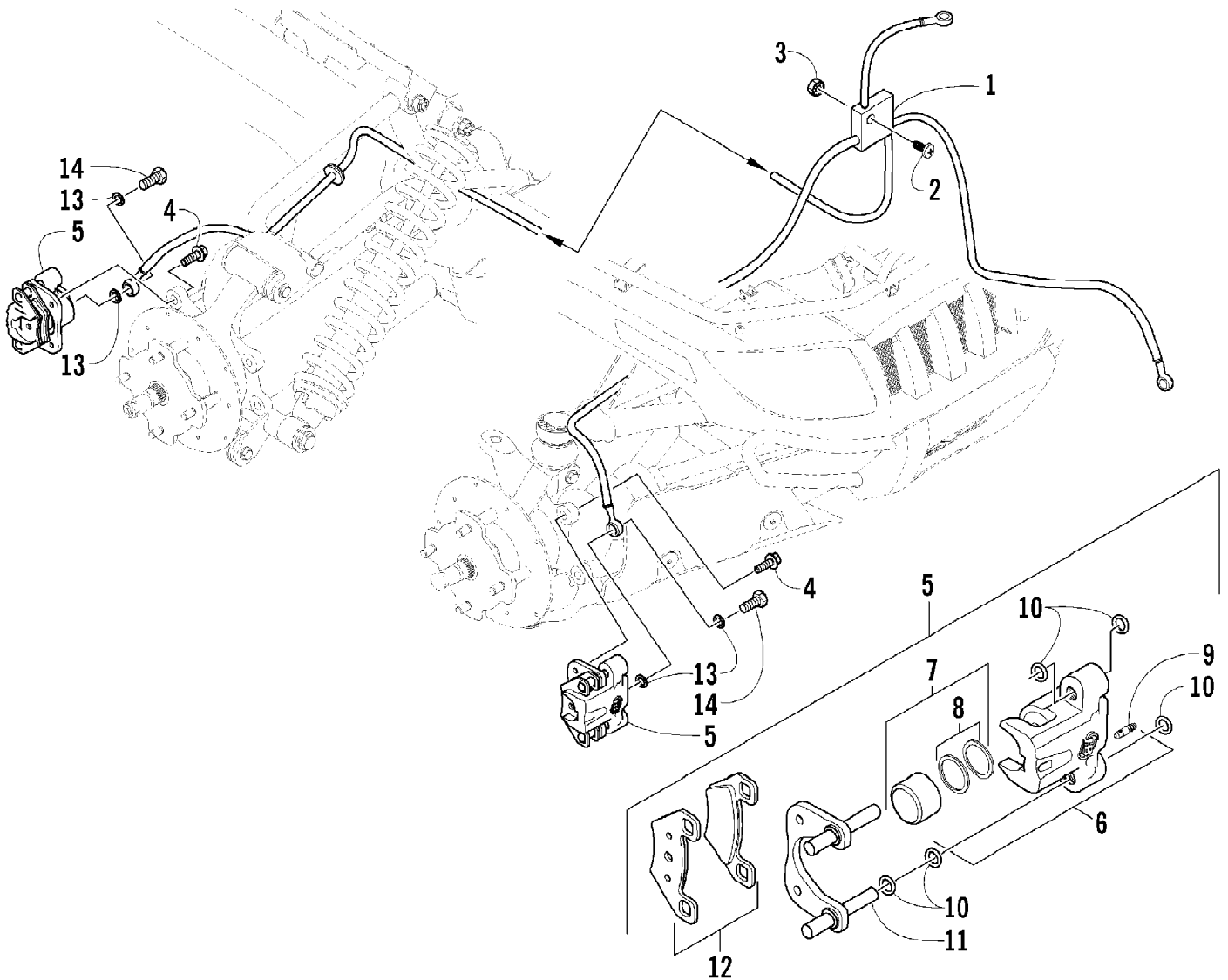


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 HANDLEBAR ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	0505-448	1		Tube, Handlebar
2	0405-148	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	0405-188	1		Instrument Pod
12	0423-535	2		Rivet, Reinstallable
13	0520-016	1		Gauge, Digital
14	0420-065	1	/P	Clamp
15	0423-493	2		Nut, Hex
16	0502-527	1		Control, Differential Lock (inc. 17)
17	0502-613	1		Clamp, Differential Lock Control - Kit
18	0487-030	1	S	Cable, Differential Lock
19	0641-897	1	/P	Outlet, Accessory - 12V

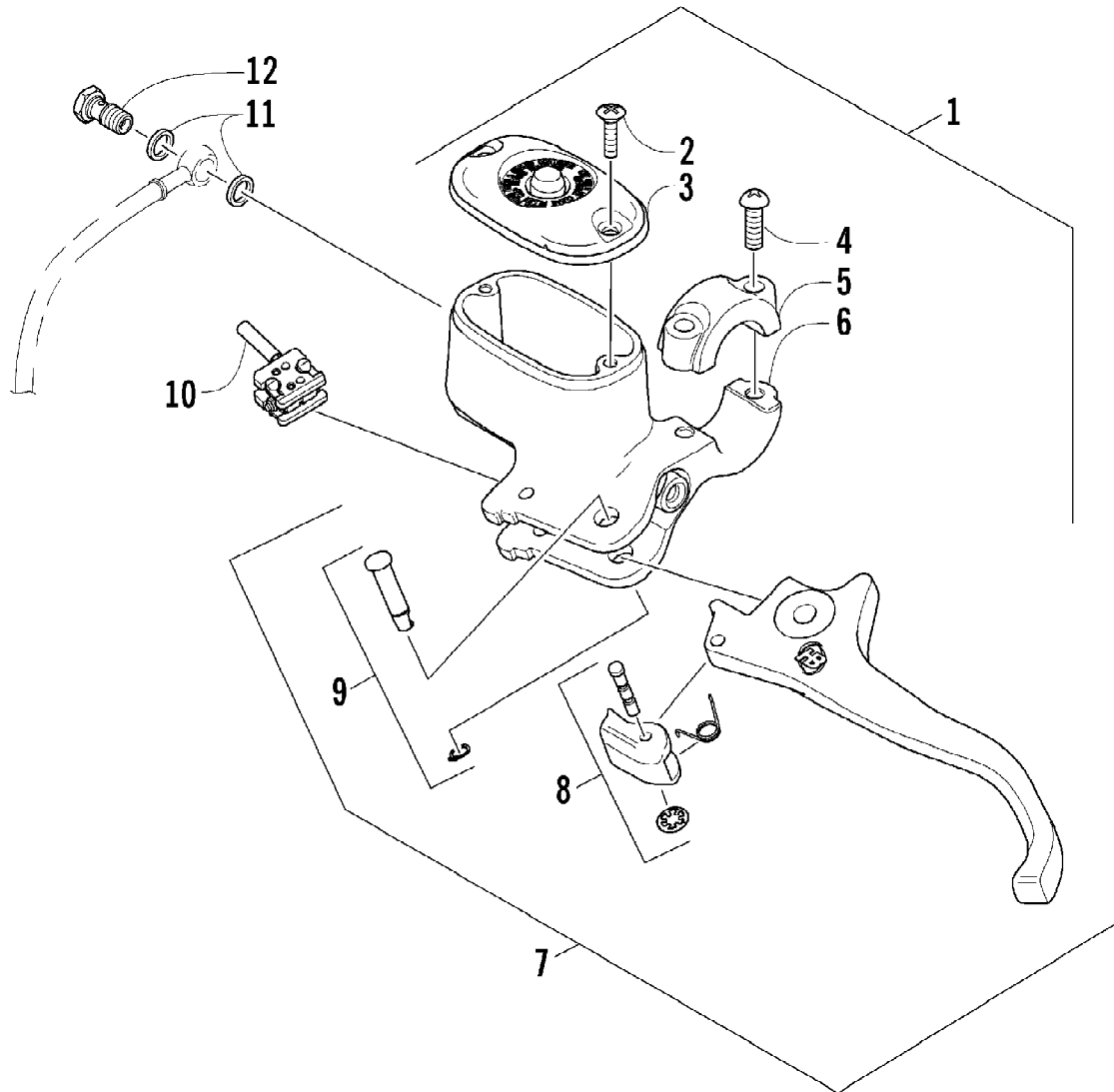
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 54 of 99
HYDRAULIC BRAKE ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 HYDRAULIC BRAKE ASSEMBLY

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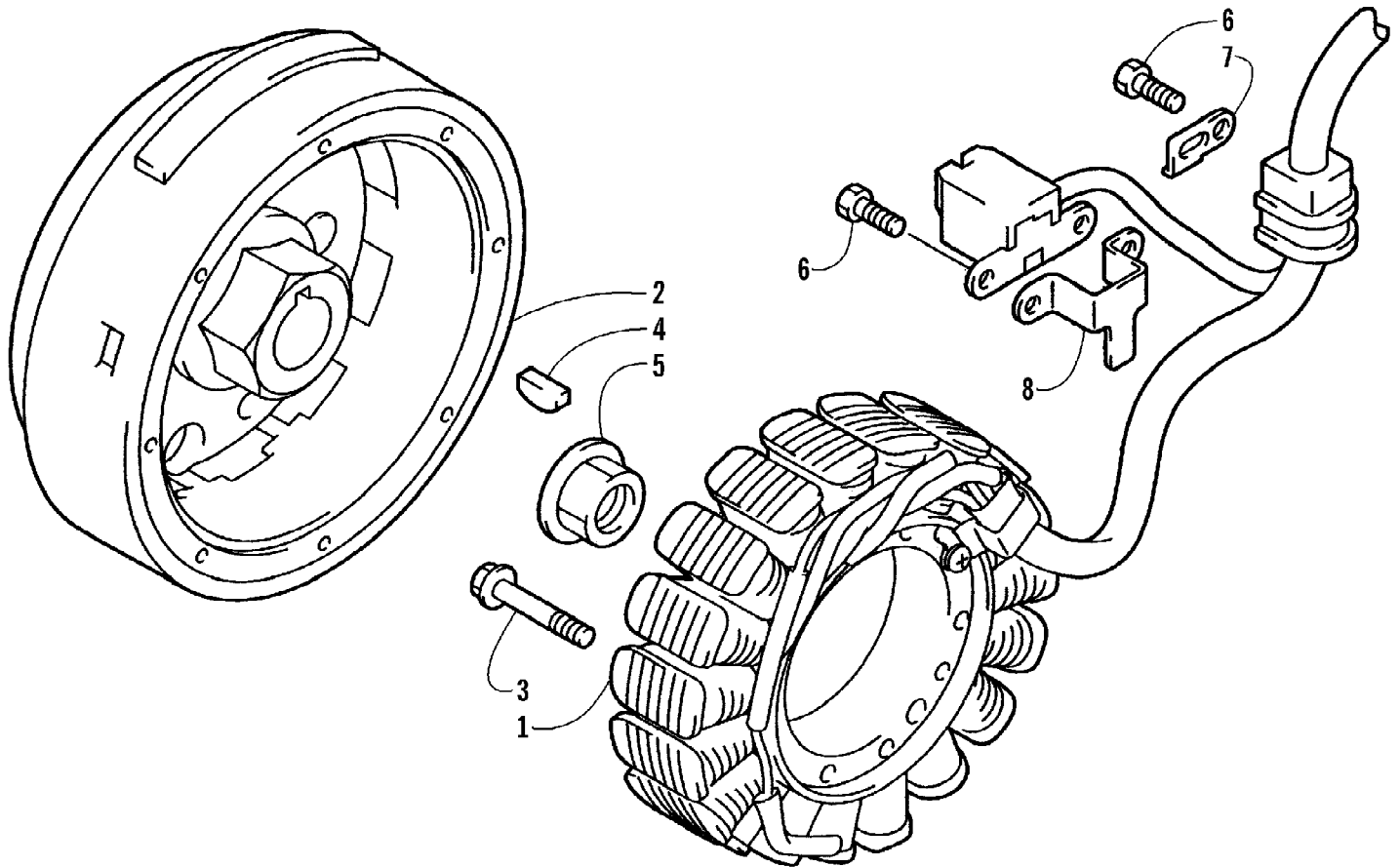
Ref #	Part Number	Qty	S/P/F	Description
1	0502-628	1		Hose, Brake - Assembly
2	8476-625	1		Screw, Cap
3	0623-038	1		Nut w/Washer
4	8408-820	6	/P	Screw, Cap
5	0502-602	1	S	Caliper, Brake - Right Front (inc. 6-12)
5	0502-610	2	S	Caliper, Brake - Left Front and Right Rear (inc. 6-12)
6	0502-603	1	S	Housing, Caliper - Assembly - Right Front (inc. 7-9)
6	0502-611	2	S	Housing, Caliper - Assembly - Left Front and Right Rear (inc. 7-9)
7	0502-606	3		Piston/Seal Set (inc. 8)
8	0502-607	3		Seal Set
9	0502-609	3	/P	Valve, Bleed
10	0502-608	3		O-Ring, Guide - Set
11	0502-605	3		Bracket Assembly
12	0502-604	3	S	Pad, Brake - Set
13	0423-178	6		Washer, Crush
14	0423-413	3		Bolt, Banjo Fitting



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 HYDRAULIC HAND BRAKE ASSEMBLY

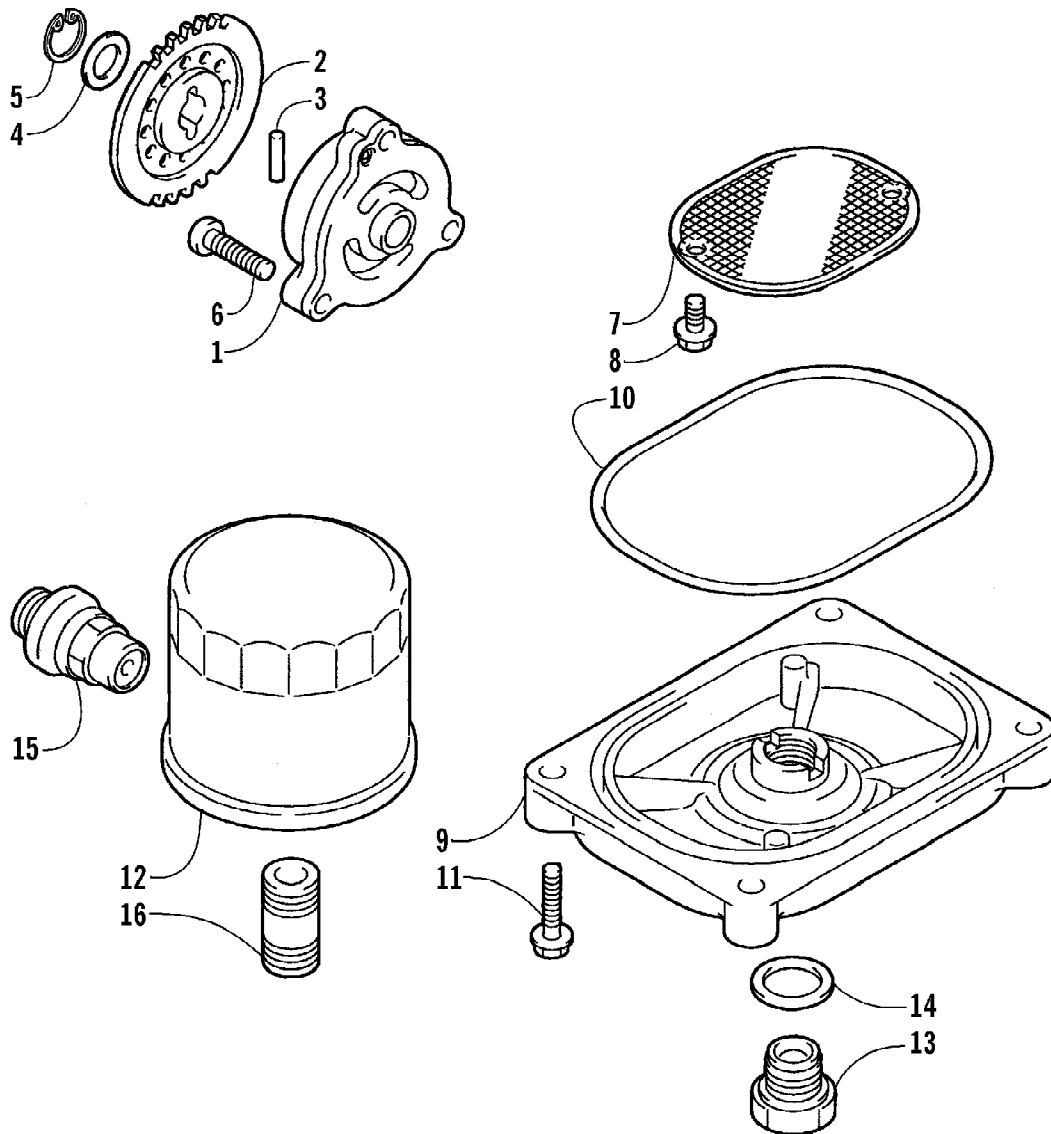
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Ref #	Part Number	Qty	S/P/F	Description
1	0502-914	1	S	Brake Assembly (inc. 2-10)
2	0502-566	1		Screw, Reservoir Cover - Kit
3	0502-868	1	/P	Cover, Reservoir - Kit
4	0502-568	1		Screw, Master Cylinder Clamp - Kit
5	0502-869	1		Clamp, Master Cylinder - 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 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 59 of 99
 MAGNETO ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3430-058	1		Stator Assembly
2	3430-046	1		Rotor/Flywheel
3	3423-162	3	S	Bolt
4	0691-785	1		Key
5	3423-086	1		Nut
6	3423-005	3	/P	Bolt
7	3430-005	1		Clamp (No. 1)
8	3430-006	1		Clamp (No. 2)

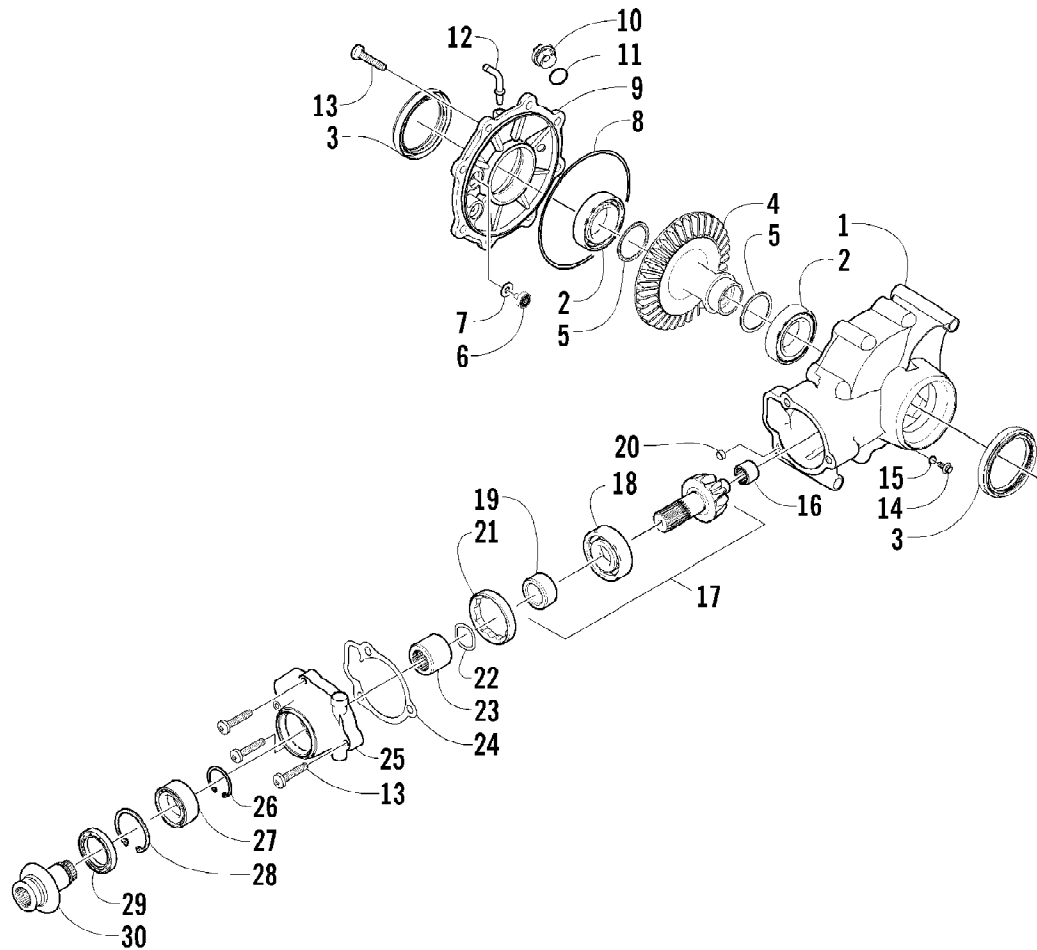


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 OIL FILTER/PUMP ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	3402-727	1	/P	Pump, Oil
2	3402-463	1		Gear, Driven
3	3423-046	1		Pin
4	3423-443	1		Washer
5	3423-184	1	S	Circlip
6	3423-510	3		Screw, Cap
7	3402-156	1		Strainer, Oil
8	0693-389	2	S	Screw, Cap
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	3402-728	1	S	Plug, Drain
14	3402-012	1		Gasket, Drain Plug
15	3402-154	1		Valve, Oil-Relief - Assembly
16	3402-158	1	S	Union, Oil Filter

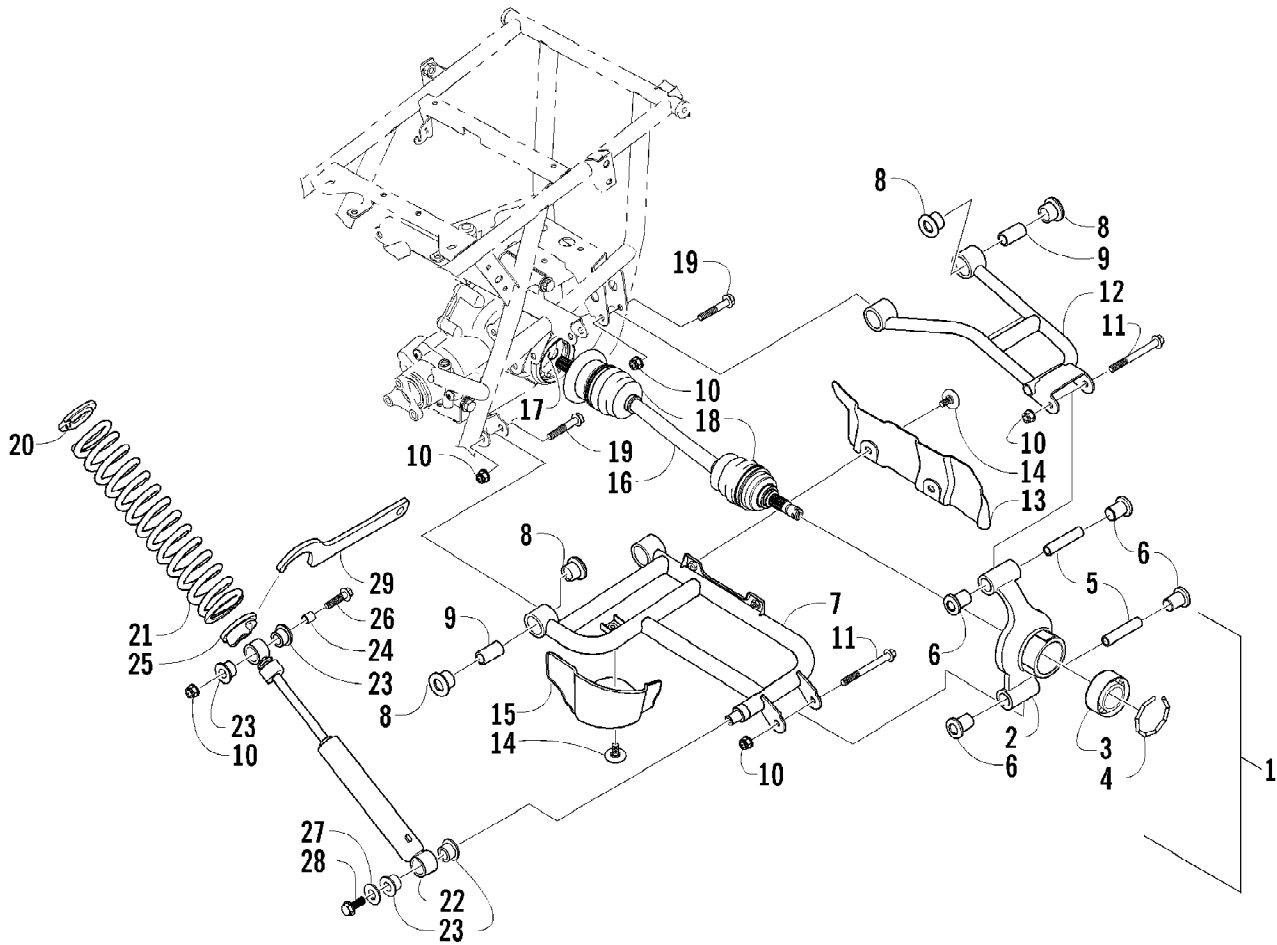
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
REAR DRIVE GEARCASE ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 63 of 99
 REAR DRIVE GEARCASE ASSEMBLY

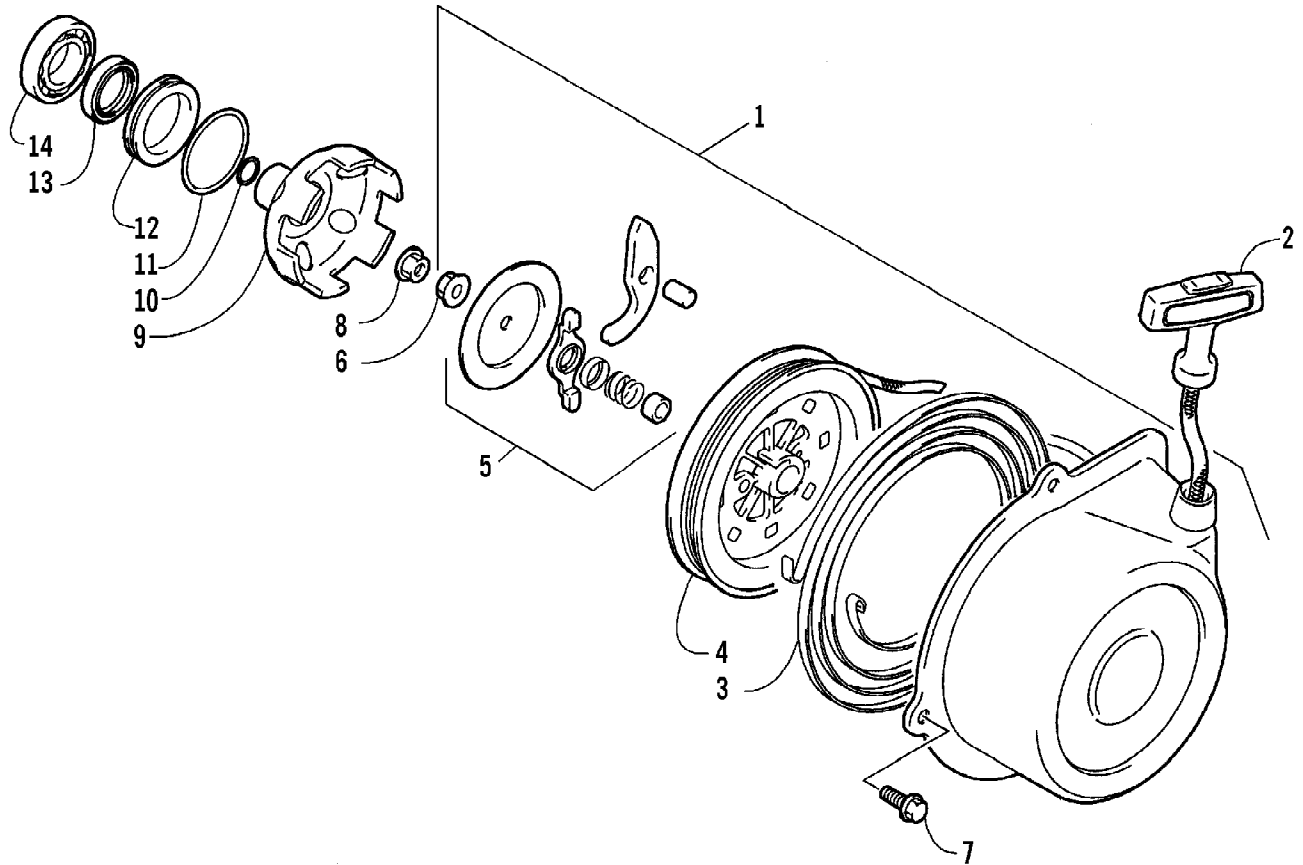
Ref #	Part Number	Qty	S/P/F	Description
	0502-820	1	/P	Rear Drive Gearcase Assembly
1	0502-622	1		Housing, Gearcase
2	0402-393	2		Bearing
3	0402-394	2	S	Seal
4	1402-032	1		Gear, Ring - 36T
5	0402-405	AR		Shim
5	0402-406	AR		Shim
5	0402-407	AR		Shim
5	0402-408	AR		Shim
5	0402-409	AR		Shim
6	0402-326	1		Button, Thrust
7	0402-429	AR		Shim
7	0402-430	AR		Shim
7	0402-431	AR		Shim
7	0402-432	AR		Shim
7	0402-433	AR		Shim
8	0423-149	1		O-Ring
9	0502-346	1		Cover, Gearcase
10	0402-333	1	/P	Plug, Fill (inc. 11)
11	0423-154	1		O-Ring
12	1402-102	1		Fitting
13	0423-118	11		Screw, Self-Tapping
14	0402-450	1	S	Plug, Magnetic (inc. 15)
15	0423-153	1		O-Ring
16	0402-328	1		Bearing
17	0502-783	1		Gear, Pinion - Assembly - 10T (inc. 18-19)
18	0402-327	1		Bearing
19	0402-336	1		Collar, Retaining
20	0402-411	1		Pin, Dowel
21	0402-331	1		Collar, Lock
22	0402-982	1		Washer, Wave
23	0402-981	1		Collar, Shaft
24	0402-947	1		Gasket, Flange
25	0502-529	1		Housing, Pinion
26	0423-417	1		Ring, Retaining
27	1402-043	1		Bearing
28	0423-423	1		Ring, Retaining
29	1402-011	1		Seal
30	0502-407	1	S	Shaft, Input

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
REAR SUSPENSION ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 65 of 99
 REAR SUSPENSION ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0504-372	1	S	Knuckle, Right Rear - Assembly (inc. 2-6)
1	0504-373	1	S/P	Knuckle, Left Rear - Assembly (inc. 2-6)
2	0	1	F	Knuckle - Right
2	0	1	F	Knuckle - Left
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	0504-326	1	S	A-Arm, Rear - Lower Right (inc. 8-9)
7	0504-327	1	S/P	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	0504-330	1		A-Arm, Rear - Upper Right (inc. 8-9)
12	0504-331	1	S	A-Arm, Rear - Upper Left (inc. 8-9)
13	0441-754	1		Guard, Boot - Right
13	0441-755	1		Guard, Boot - Left
14	0423-101	6		Screw, Body
15	1406-071	1		Guard, Boot - Right
15	1406-072	1		Guard, Boot - Left
16	0502-811	2	S	Axle, Drive (inc. 17-18)
17	0441-893	2	S	Clip, Retaining
18	0436-276	2	S	Repair Kit, Boot - Rear Axle
19	8409-075	8		Screw, Cap
20	1603-889	2	/P	Retainer, Spring
21	0404-089	2		Spring, Suspension
22	0404-077	2		Shock Absorber - Rear (inc. 23-24)
23	0604-310	8		Bushing, Shock Absorber
24	0403-028	2		Sleeve, Shock Absorber
25	0404-057	2		Cam, Spring Adjuster
26	8409-050	2		Screw, Cap
27	0423-087	2		Washer
28	8408-820	2	/P	Screw, Cap
29	0441-587	1		Wrench, Spanner



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 67 of 99
 RECOIL STARTER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3445-003	1		Starter, Recoil - Assembly (inc. 2-6)
2	3445-011	1		Rope Assembly
3	3445-007	1		Spring, Spiral
4	3445-004	1		Reel
5	3445-016	1		Ratchet Assembly
6	3004-488	1	S/P	Nut
7	3423-428	4		Screw, Cap
8	3004-491	1	S/P	Nut
9	3445-029	1	/P	Cup, Starter
10	3423-053	1	/P	O-Ring
11	3423-063	1		O-Ring
12	3402-119	1	S	Spacer
13	3402-070	1		Seal, Oil
14	3402-051	1		Bearing

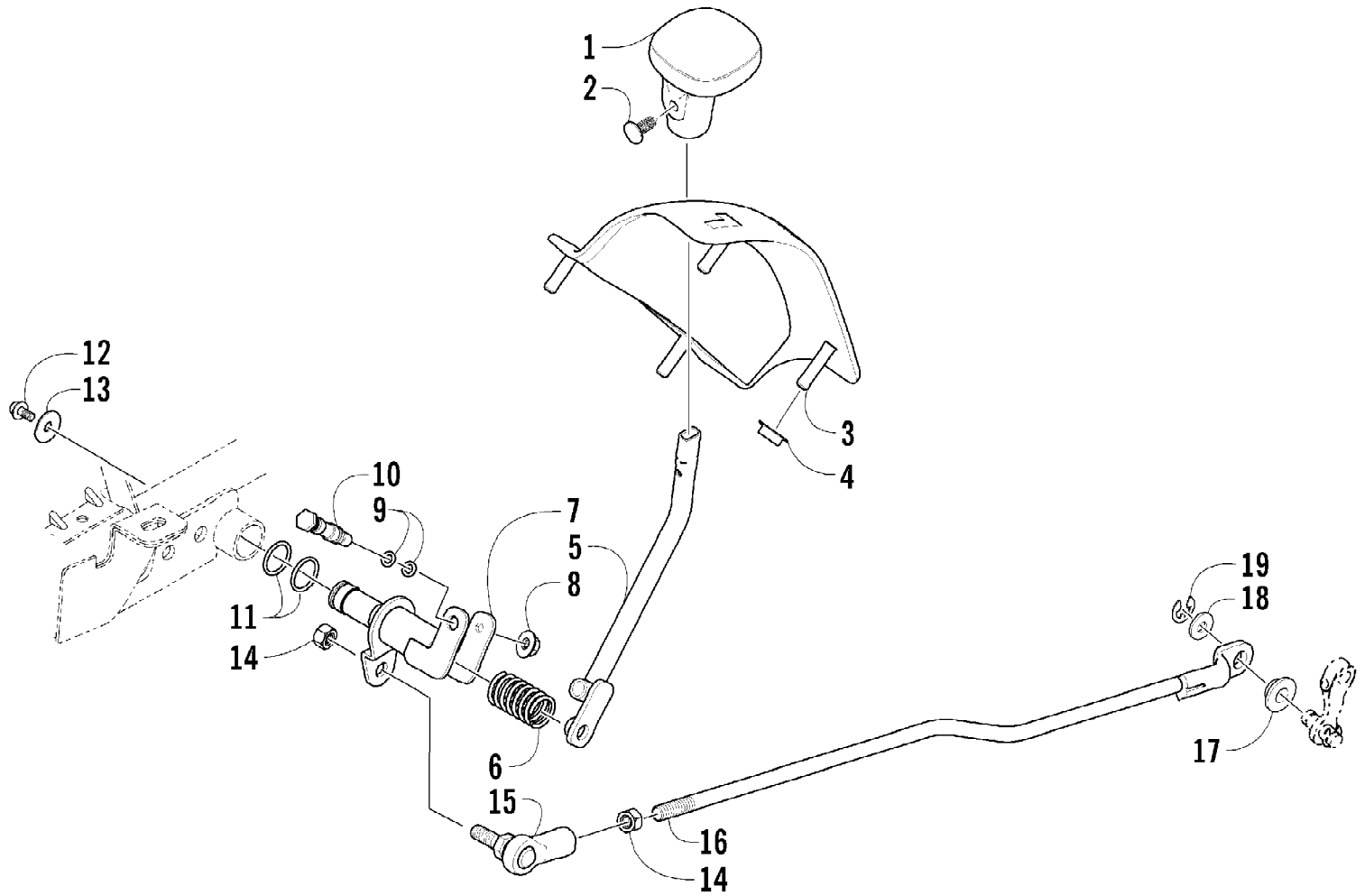
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Diagram
Available

Parts List
Only

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 69 of 99
RELATED ITEMS

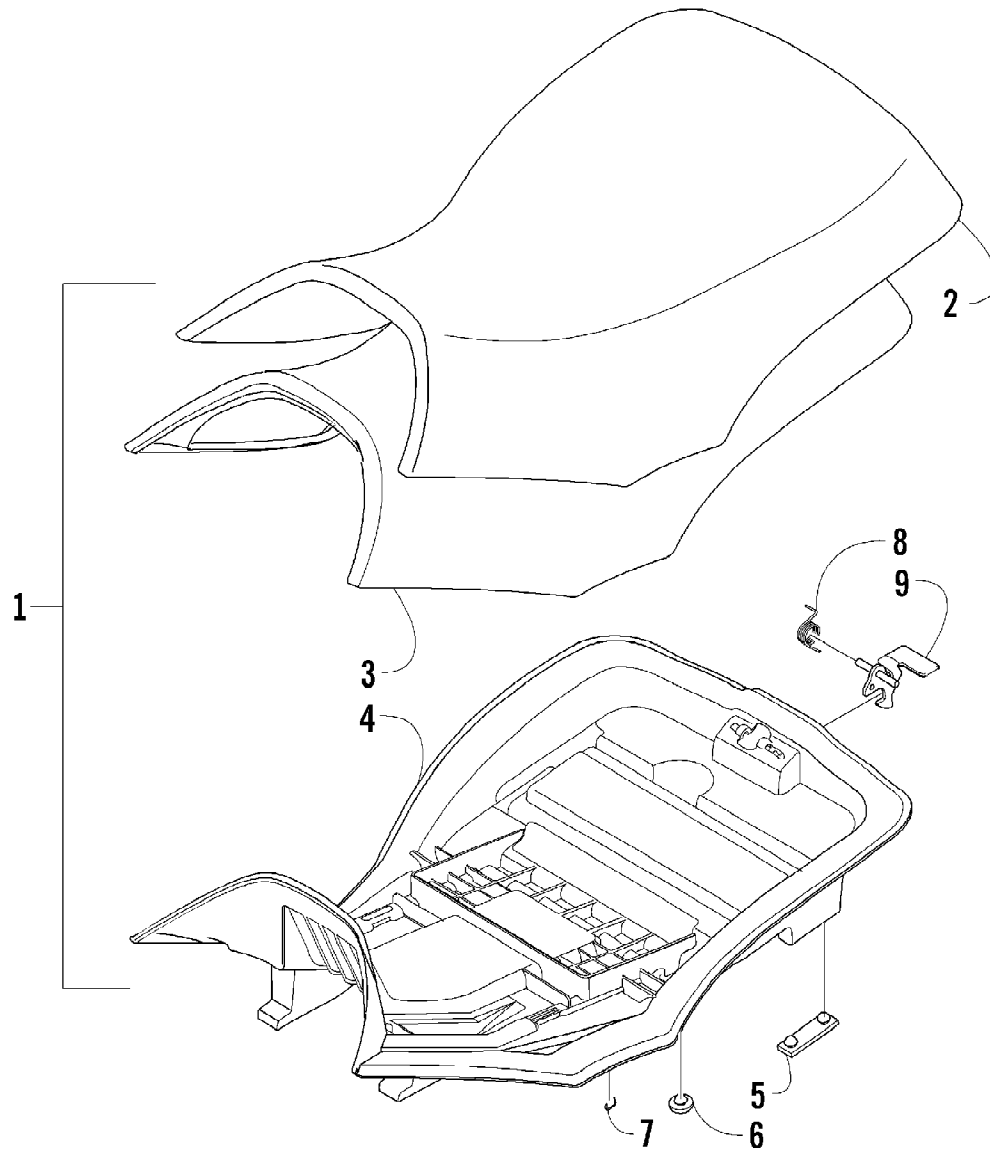
Ref #	Part Number	Qty	S/P/F	Description
	0436-791	1	S	Articulating Bumper w/Winch Mount - Rear
	0436-769	1		Backrest
	0436-660	1	S	Bag, Rack, Front, Black
	0436-183	1	/P	Battery, Heavy Duty
	0436-810	1		Bed Enclosure, Rear
	0436-619	1		Brush Guard/Bumper, Deluxe
	0436-459	1	/P	Carryall (9x12)
	0436-460	1		Carryall (11x17)
	0436-462	1		Carryall (10 D)
	0436-726	1	S	Cover - Trailerable
	0436-466	1		Fender Box
	0436-786	1		Fender Covers - Max 4
	0436-538	1		Gear Cradle
	0436-464	1		Grill Cradle
	0436-281	1		Gun Scabbard
	0436-637	1		Gun Scabbard Mount (Only)
	0436-352	1		Hand/Thumb Warmer Kit
	2257-466	1		Illustrated Parts Manual
	0436-463	1		Light Bar
	0436-122	1	S	Lunch Pack, Black
	2257-313	1		Manuel d'utilisation (F)
	2257-299	1		Operator's Manual (E)
	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 (Front)
	0436-744	1		Sway Bar Kit
	0436-751	1		Tie-Down Kit
	0436-027	1		Tire Chains, Size C
	1402-028	1		Tire, Titan AT589 (25x8-12, Mud & Snow)
	0402-563	1		Tire, Titan AT589 (25x10-12, Mud & Snow)
	0436-448	1		Tow Strap
	0436-792	1	S	Tree Stand/Bow Case Holder
	0436-480	1		Utility Bar/Gun Rack
	0436-825	1		Winch, 3000 lb - Rear
	0436-656	1		Winch Accessories Kit
	0436-655	1		Winch Kit, 2500 lb - Front
	0436-851	1		Winch Mount - Rear
	0436-703	1		Windshield, Clear
	0436-623	1		Windshield, Clear w/Black Accent
	0436-470	1		Workbase (8 in.)

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
REVERSE SHIFT LEVER ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 71 of 99
 REVERSE SHIFT LEVER ASSEMBLY

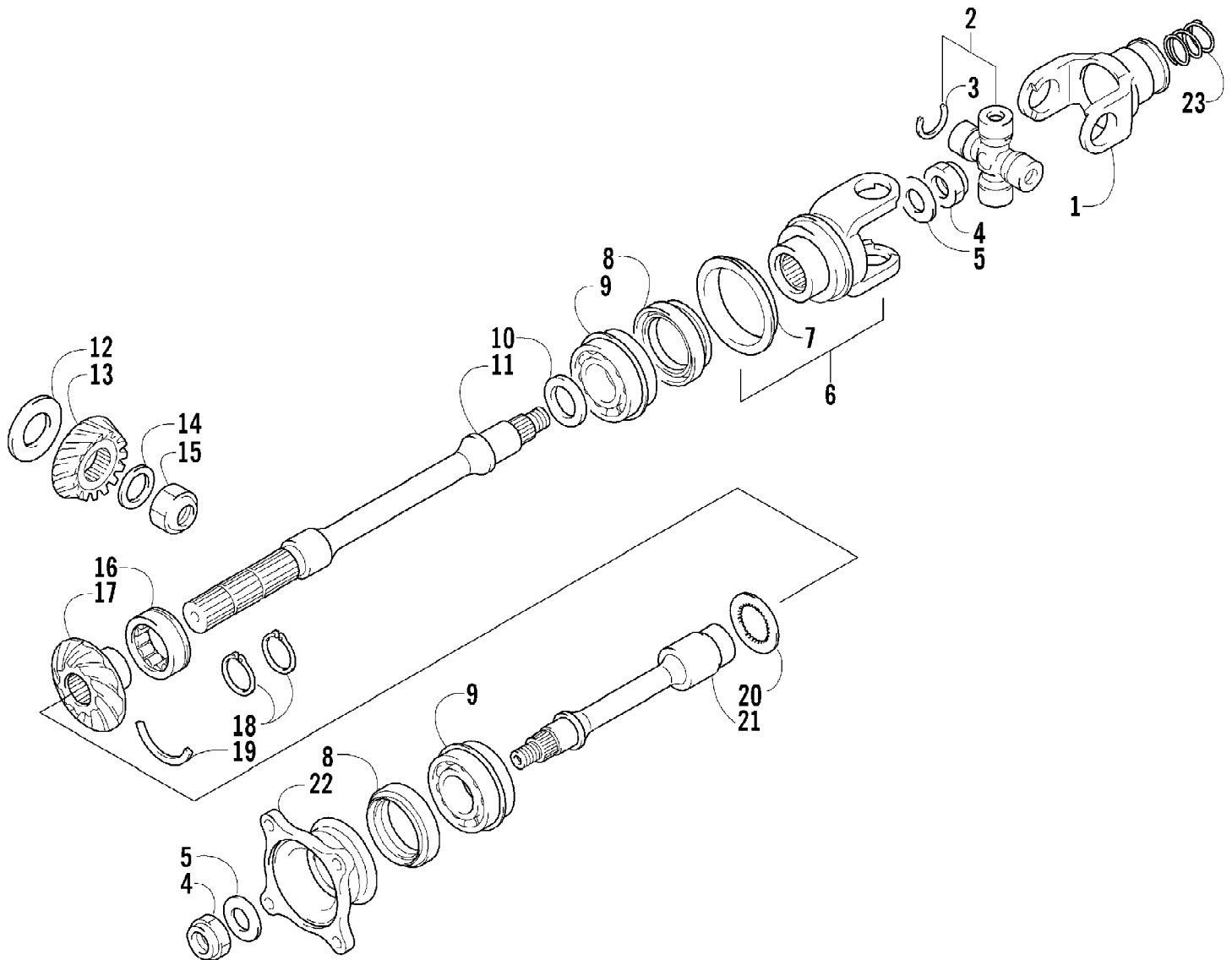
Ref #	Part Number	Qty	S/P/F	Description
1	0402-843	1	/P	Handle, Reverse Shift Lever
2	0423-345	1		Clip, Push
3	1402-110	1		Plate, Shift
4	0423-357	4		Nut, Stamped
5	0502-659	1		Lever, Reverse Shift
6	0502-410	1	S	Spring
7	0502-742	1		Axle, Reverse Shift Lever
8	8424-602	1	/P	Nut
9	0423-182	2	/P	O-Ring
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	0502-669	1	S	Linkage, Shift
17	0423-091	1		Bushing
18	0623-094	1		Washer
19	0423-169	1	/P	E-Ring



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 73 of 99
SEAT 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	0624-528	AR	/P	Staple
8	1406-592	1	/P	Spring, Seat Latch
9	1506-156	1		Latch, Seat

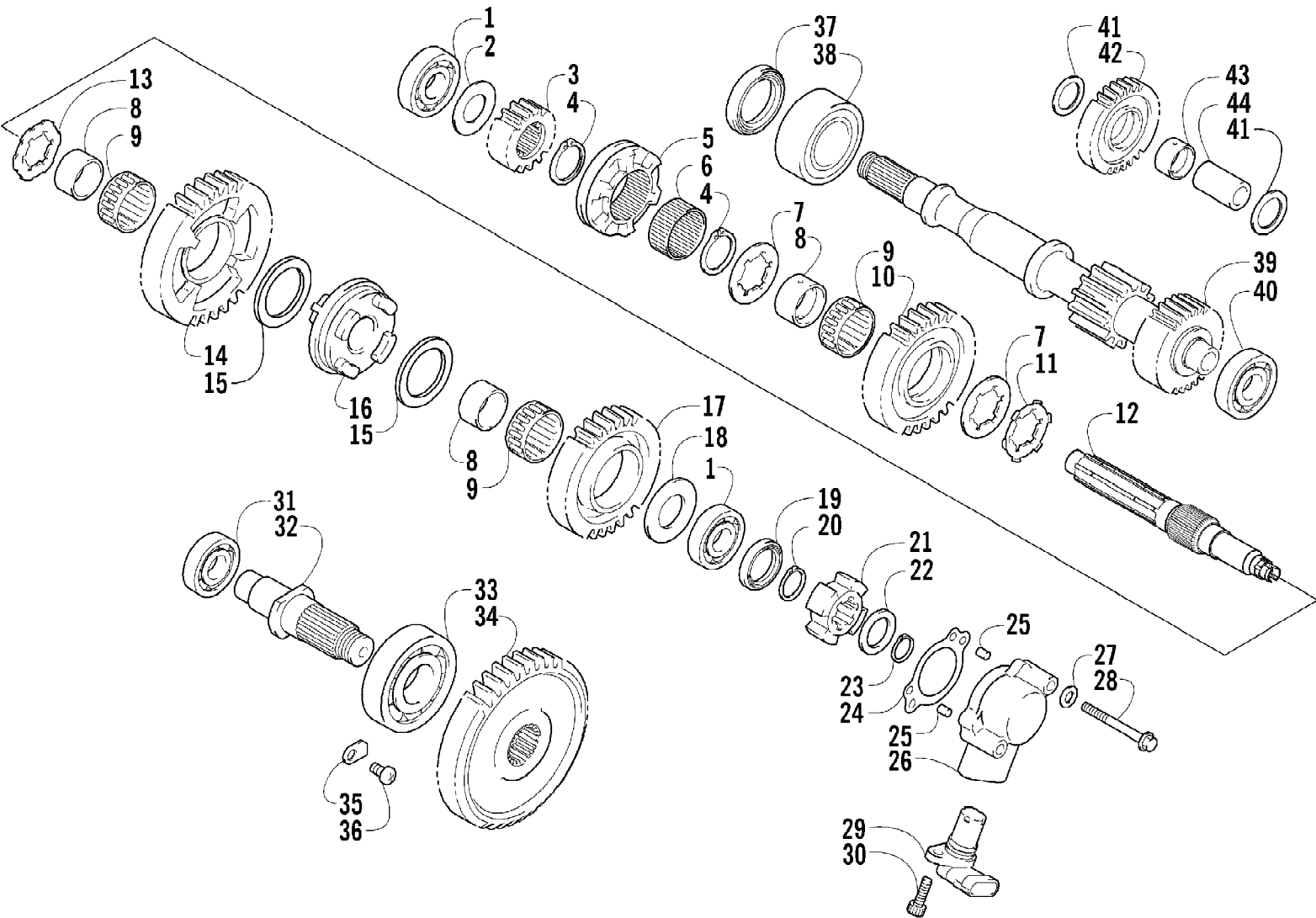
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
SECONDARY DRIVE ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 75 of 99
 SECONDARY DRIVE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3446-327	1	/P	Yoke, Propeller Shaft Joint
2	3402-562	1		Joint, Universal - Set (inc. 3)
3	3423-479	4		Circlip
4	3423-025	2		Nut, Rear Output Joint
5	3423-028	2		Washer, Rear Output Flange
6	3402-742	1		Yoke, Drive Output - Front (inc. 7)
7	3402-743	1		Plate, Output Yoke
8	3402-072	2		Seal, Oil - Driven Shaft
9	3402-067	2	S	Bearing, Driven Shaft
10	3402-017	AR		Shim, 25 x 34 x 0.60 mm
10	3402-018	AR		Shim, 25 x 34 x 0.65 mm
10	3402-019	AR		Shim, 25 x 34 x 0.70 mm
10	3402-020	AR		Shim, 25 x 34 x 0.75 mm
10	3402-021	AR	S	Shim, 25 x 34 x 0.80 mm
10	3402-022	AR		Shim, 25 x 34 x 0.85 mm
10	3402-023	AR		Shim, 25 x 34 x 0.90 mm
10	3402-024	AR		Shim, 25 x 34 x 0.95 mm
10	3402-025	AR	S	Shim, 25 x 34 x 1.00 mm
10	3402-028	AR		Shim, 25 x 34 x 1.05 mm
10	3402-029	AR		Shim, 25 x 34 x 1.10 mm
10	3402-030	AR		Shim, 25 x 34 x 1.15 mm
10	3402-031	AR		Shim, 25 x 34 x 1.20 mm
11	3402-740	1		Shaft, Secondary Driven - Front
12	3446-035	1		Shim, Secondary Drive Gear - Set
13	3402-738	1		Gear, Secondary Drive
14	3005-372	1		Washer
15	3423-023	1		Nut
16	3402-515	1	/P	Bearing, Driven Gear
17	3402-739	1		Gear, Secondary Driven
18	3423-340	2	S	Circlip, Secondary Driven Gear
19	3423-072	1		Ring, Driven Bearing
20	3423-415	1		Washer, Driven Shaft
21	3402-513	1		Shaft, Secondary Driven - Rear
22	3402-514	1	/P	Flange, Output Joint - Rear
23	1402-026	1		Spring

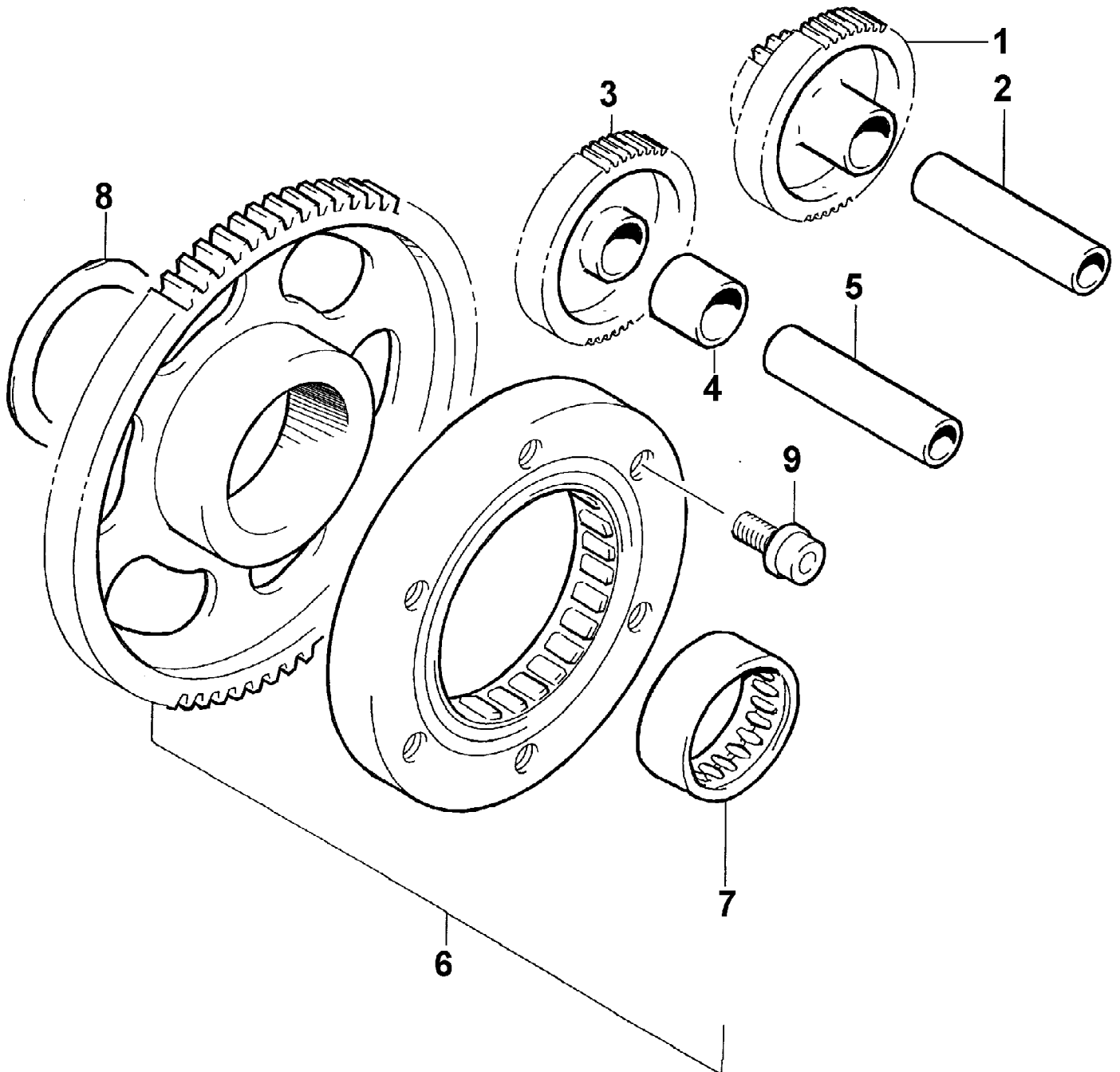
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
SECONDARY TRANSMISSION ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 77 of 99
 SECONDARY TRANSMISSION ASSEMBLY

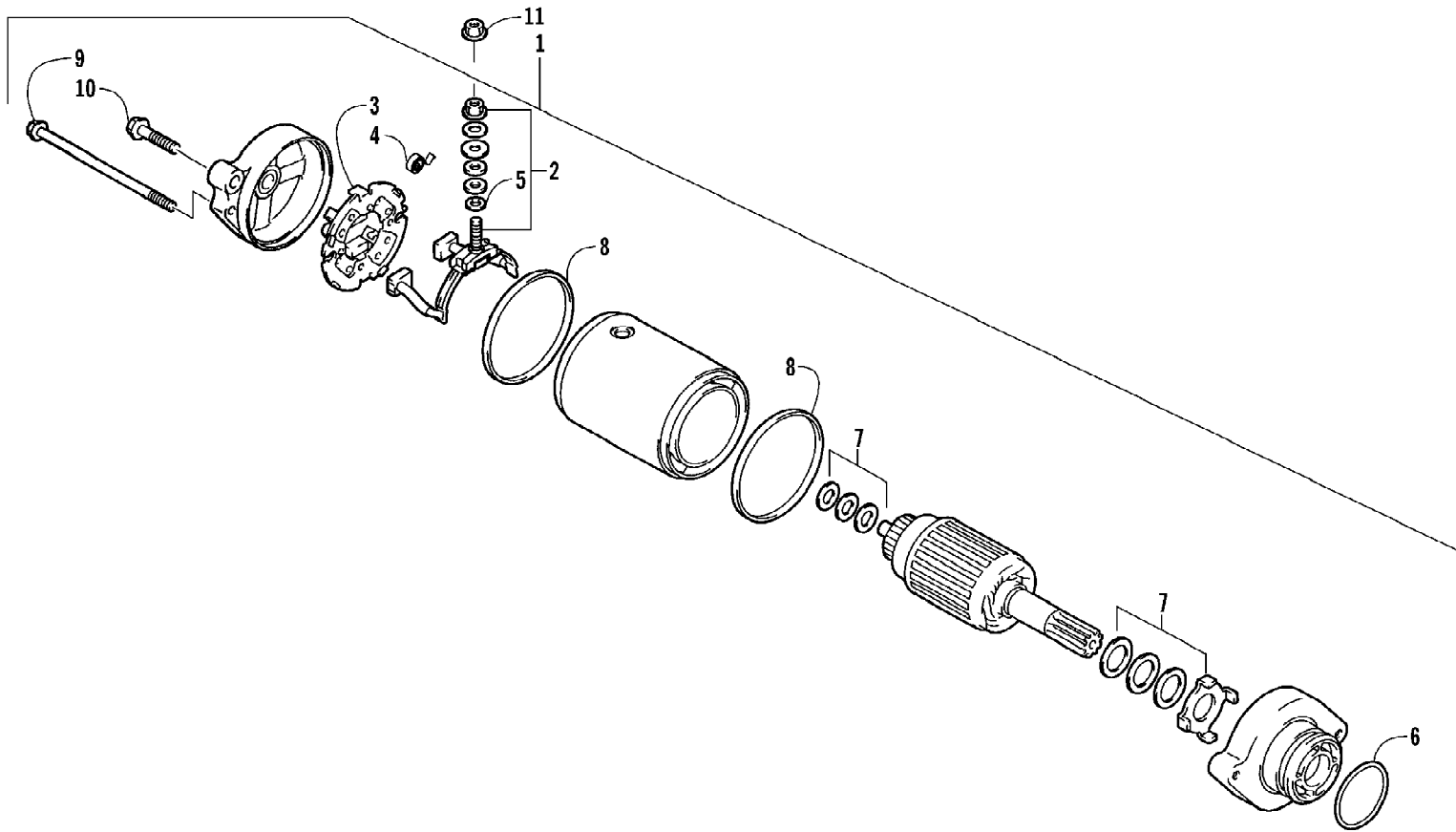
Ref #	Part Number	Qty	S/P/F	Description
1	3402-045	2	/P	Bearing, Shaft
2	3402-381	1	/P	Washer, Drive Gear No. 2 - Right
3	3402-497	1		Gear, Drive - No. 2
4	3423-066	2	/P	Circlip
5	3402-821	1		Dog, Reverse Driven Gear
6	3402-825	1		Spacer, Reverse Driven Gear
7	3423-263	2		Washer
8	3402-494	3		Bushing
9	3402-498	3		Bearing
10	3402-822	1		Gear, Reverse Driven
11	3423-266	1		Washer, Lock
12	3402-820	1		Countershaft
13	3423-262	1		Washer, Lock
14	3402-668	1	/P	Gear, Driven - Low
15	3423-554	2		Washer, Driven Gear
16	3402-824	1		Dog, Sliding
17	3402-733	1		Gear, Driven - High
18	3423-412	1		Washer, Drive Gear - Left
19	3402-836	1		Seal, Countershaft - Left
20	3423-518	1		Circlip
21	3402-837	1		Rotor
22	3423-556	1		Washer
23	3423-557	1		Circlip
24	3446-289	1		Gasket
25	3006-547	2	/P	Pin
26	3446-355	1		Housing, Speedometer Sensor
27	3003-290	2	/P	Gasket
28	3423-091	2	S	Bolt
29	3402-838	1		Sensor, Speedometer
30	3423-226	1		Bolt
31	3402-735	1		Bearing, Shaft
32	3402-835	1		Shaft, Output
33	3402-502	1		Bearing, Output Shaft
34	3402-534	1	/P	Gear, Driven - No. 2
35	3446-031	2	/P	Retainer, Bearing
36	3423-435	2		Screw, Bearing Retainer
37	3402-537	1	/P	Seal, Driveshaft - Left
38	3402-499	1		Bearing, Driveshaft - Right
39	3402-731	1		Driveshaft
40	3003-261	1	/P	Bearing, Driveshaft - Left
41	3402-195	2		Washer, Reverse Idle Gear
42	3402-503	1		Gear, Reverse Idle
43	3446-103	1		Bushing, Reverse Idle Gear
44	3402-507	1		Shaft, Reverse Idle

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 78 of 99
STARTER CLUTCH ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 79 of 99
STARTER CLUTCH ASSEMBLY

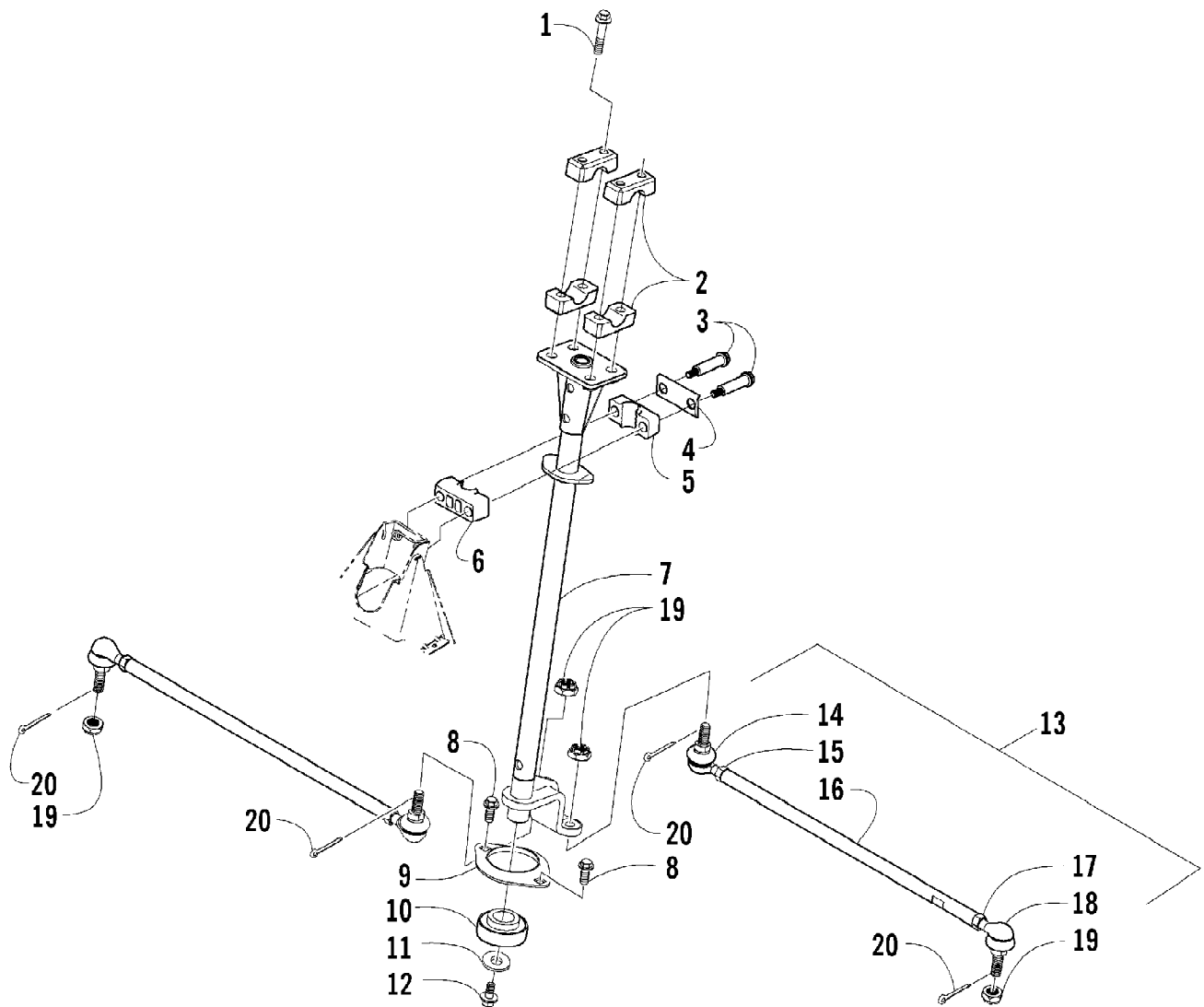
Ref #	Part Number	Qty	S/P/F	Description
1	3402-813	1	/P	Gear, Starter Idler - No. 1
2	3423-331	1		Pin
3	3402-349	1		Gear, Starter Idler - No. 2
4	3423-396	1		Spacer, Starter Idler Gear No. 2
5	3423-397	1		Pin
6	3402-457	1		Clutch, Starter - Set (inc. 7)
7	3402-063	1		Bearing
8	3423-104	1		Washer
9	3402-509	6		Screw, Cap



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 81 of 99
 STARTER MOTOR ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	3545-015	1	S	Motor, Starter Assembly (inc. 2-9)
2	3008-094	1	/P	Terminal Set, Brush
3	3008-095	1	/P	Holder Set, Brush
4	3008-096	4		Spring, Brush
5	3008-164	1		O-Ring
6	3423-084	1		O-Ring
7	3436-001	1		Washer Set
8	3008-553	2	/P	O-Ring
9	3423-085	2		Through-Bolt
10	3423-162	2	S	Screw, Cap
11	3423-195	1	/P	Nut

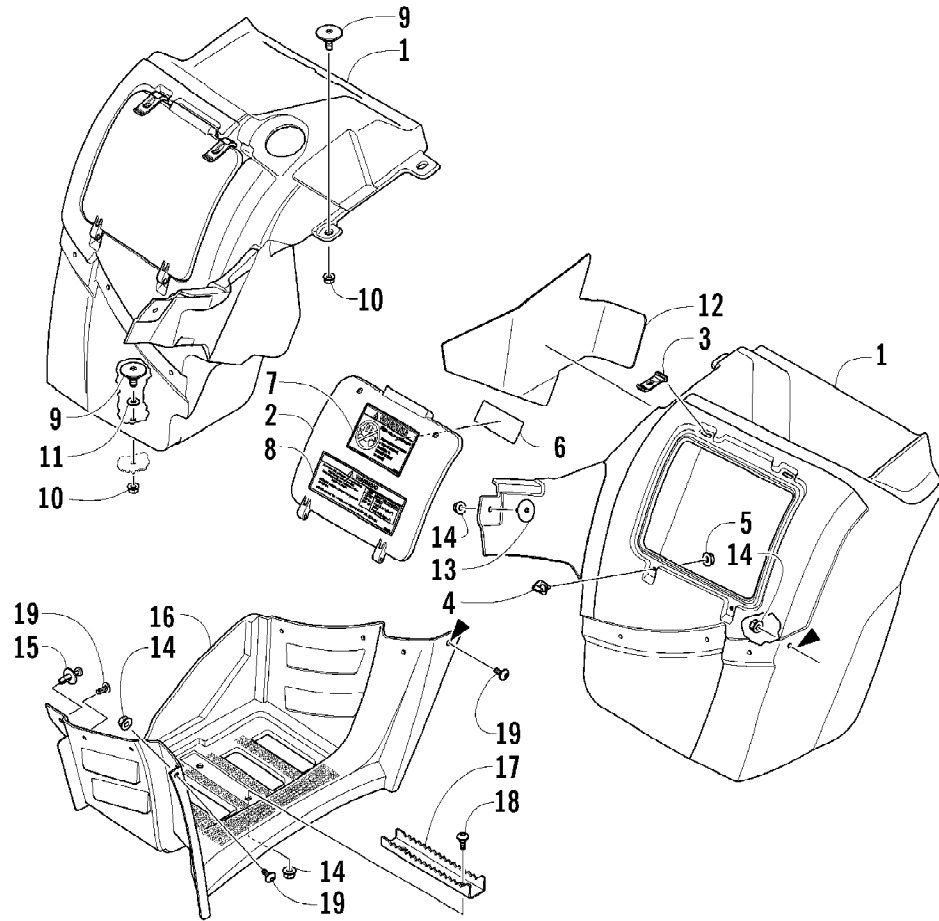
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 82 of 99
STEERING POST ASSEMBLY



2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 83 of 99
 STEERING POST ASSEMBLY

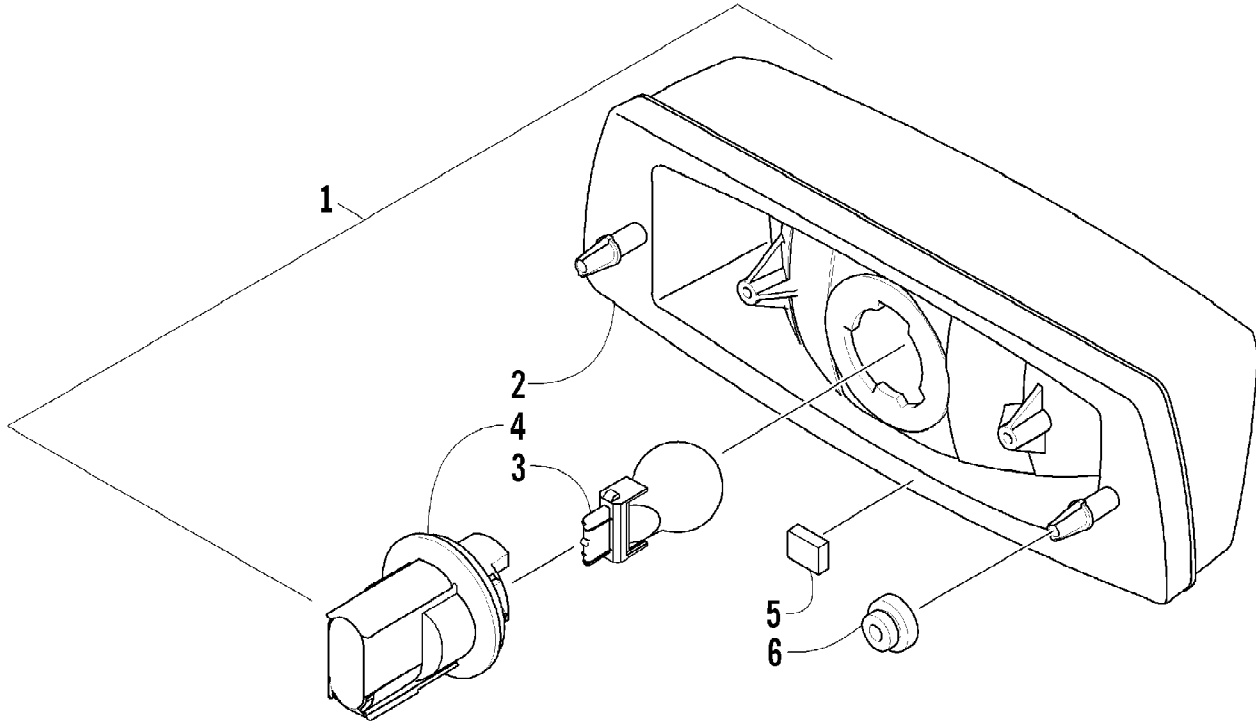
Ref #	Part Number	Qty	S/P/F	Description
1	8408-860	4		Screw, Cap
2	0405-035	4		Cap, Steering Adjuster
3	0423-505	2		Screw, Shoulder
4	0405-166	1		Cap, Housing
5	0405-138	1		Housing, Lower
6	0405-139	1		Housing, Upper
7	0505-451	1	S	Post, Steering
8	8408-816	2		Screw, Cap
9	0602-233	1		Flange, Bearing
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 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
STORAGE BOX ASSEMBLY



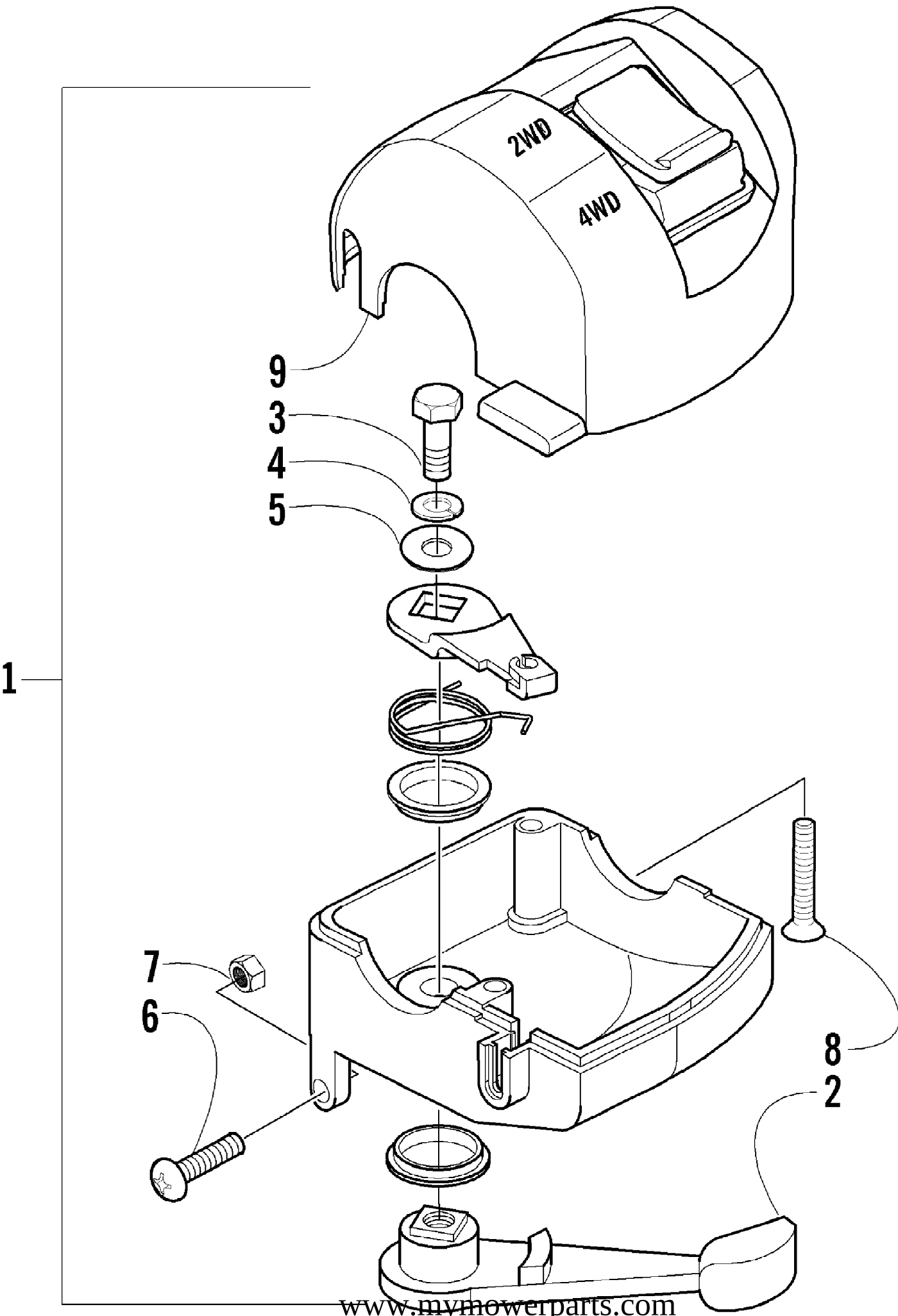
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR) Page 85 of 99
 STORAGE BOX ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-513	1		Box, Storage - Right (inc. 2-6)
1	1506-514	1		Box, Storage - Left (inc. 2-8)
2	1506-020	2		Hatch
3	1406-134	4		Strap, Hatch
4	0506-674	4		Hinge
5	8424-502	4		Nut
6	0411-487	2		Decal, Caution - Capacity
7	0411-435	1		Decal, Warning - Passenger
8	0411-589	1		Decal, Warning - Tire Pressure
9	0423-130	8		Screw, Shoulder
10	8424-602	8	/P	Nut, Flange
11	0673-349	4		Gasket
12	0412-316	1	/P	Shield, Heat
13	0423-101	2		Screw, Body
14	0423-540	22		Nut, Lock
15	0623-362	2		Rivet, Reinstallable
16	1406-356	1		Footwell - Right
16	1406-518	1	S	Footwell - Left
17	1506-125	2	/P	Footpeg
18	0423-355	4		Screw, Shoulder
19	0423-419	16		Screw, Machine



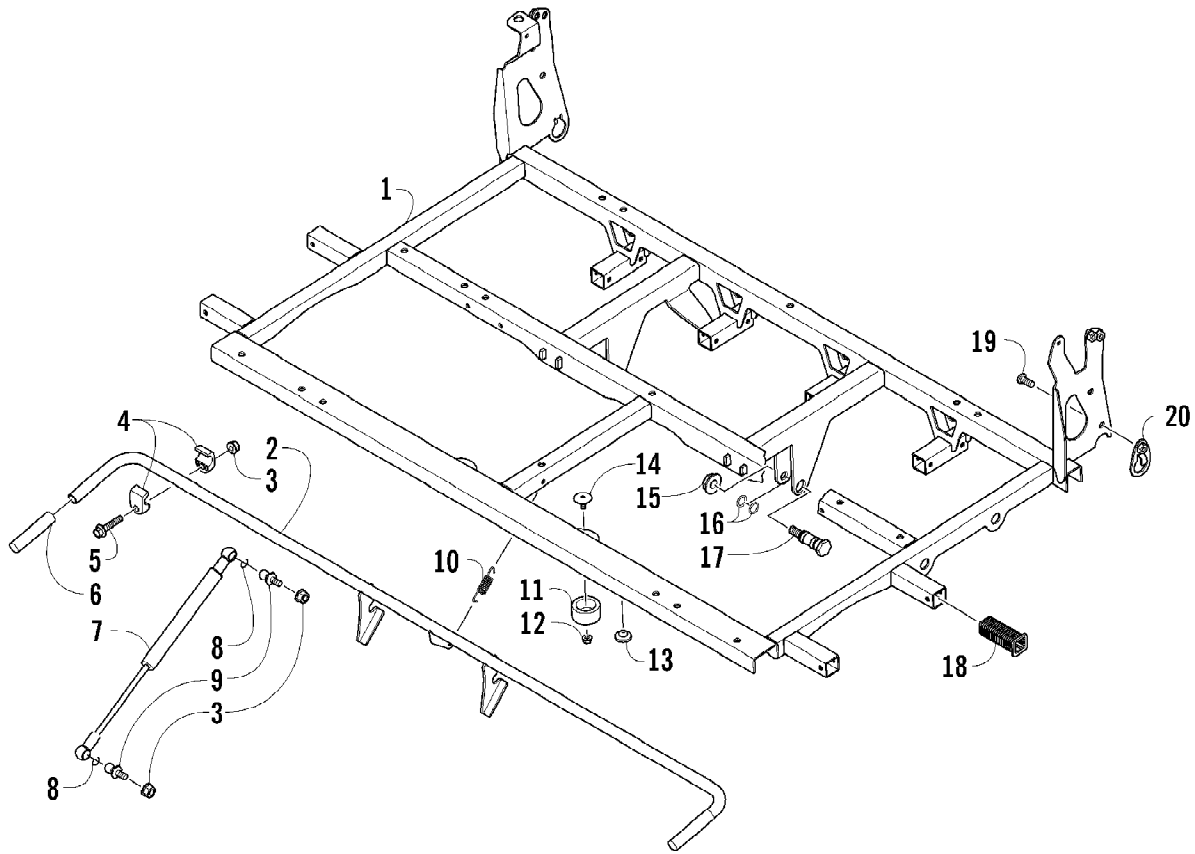
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 TAILLIGHT ASSEMBLY

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



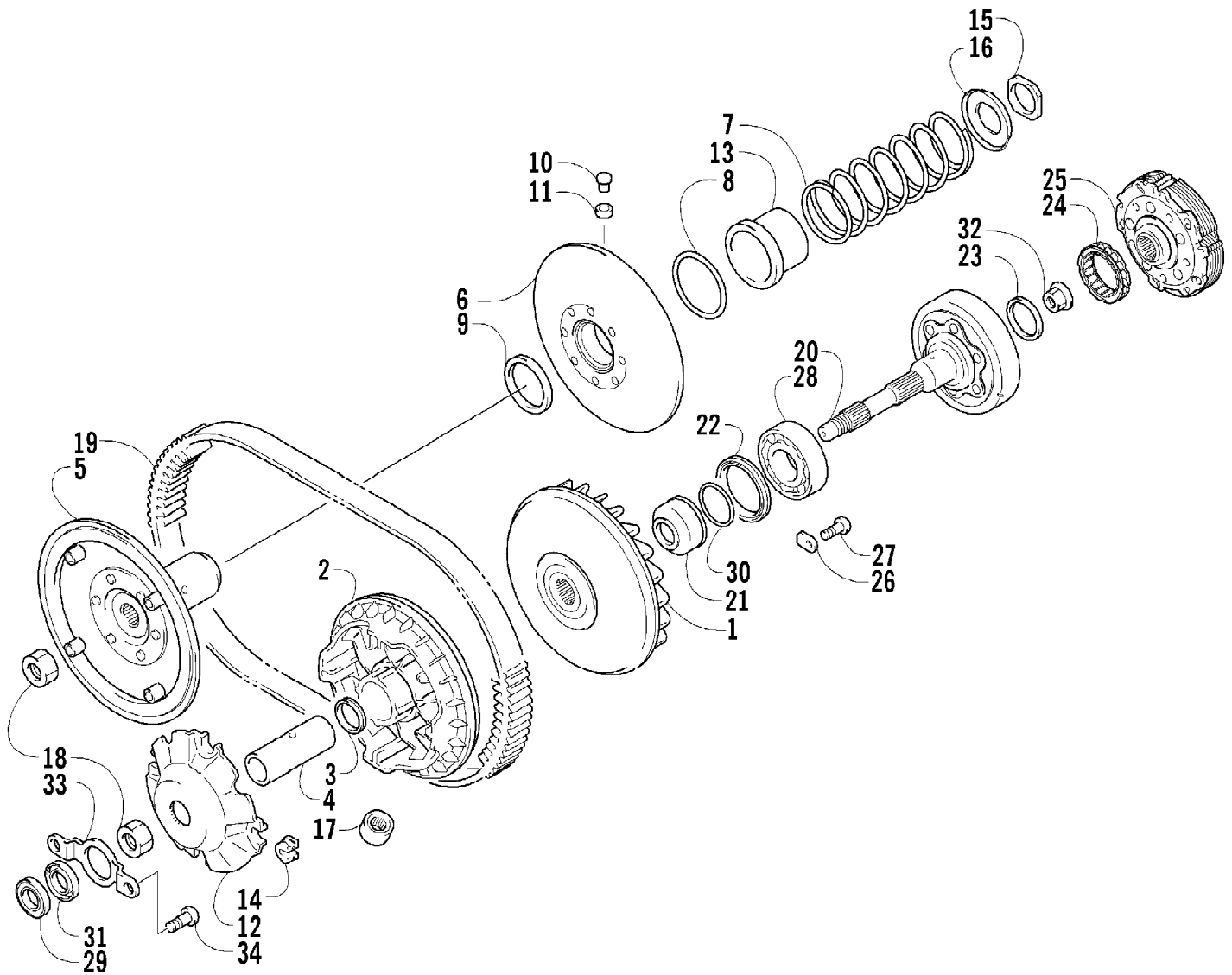
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 THROTTLE CASE ASSEMBLY

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



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TILT FRAME ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	1506-526	1		Frame, Tilt
2	1506-528	1		Latch, Tilt Frame
3	8424-802	6		Nut, Flange
4	1406-674	8		Bushing, Pivot
5	8408-840	4		Screw, Cap
6	1406-736	2		Grip, Latch
7	0506-822	1		Support, Lift
8	0423-414	2		Ring, Retaining
9	0423-401	2		Stud, Lift Support
10	0423-569	1		Spring, Extension
11	1506-593	2		Bumper, Tilt Frame
12	8424-602	2	/P	Nut, Flange
13	0406-877	2	/P	Bumper
14	0423-130	2		Screw, Shoulder
15	0423-388	2		Nut, Flange
16	1602-213	4	/P	O-Ring
17	0423-433	2		Pin, Pivot - Cargo Box
18	2406-014	8		Bushing
19	8471-616	1		Screw, Machine
20	1506-539	1		Bracket, Mounting - Tailgate



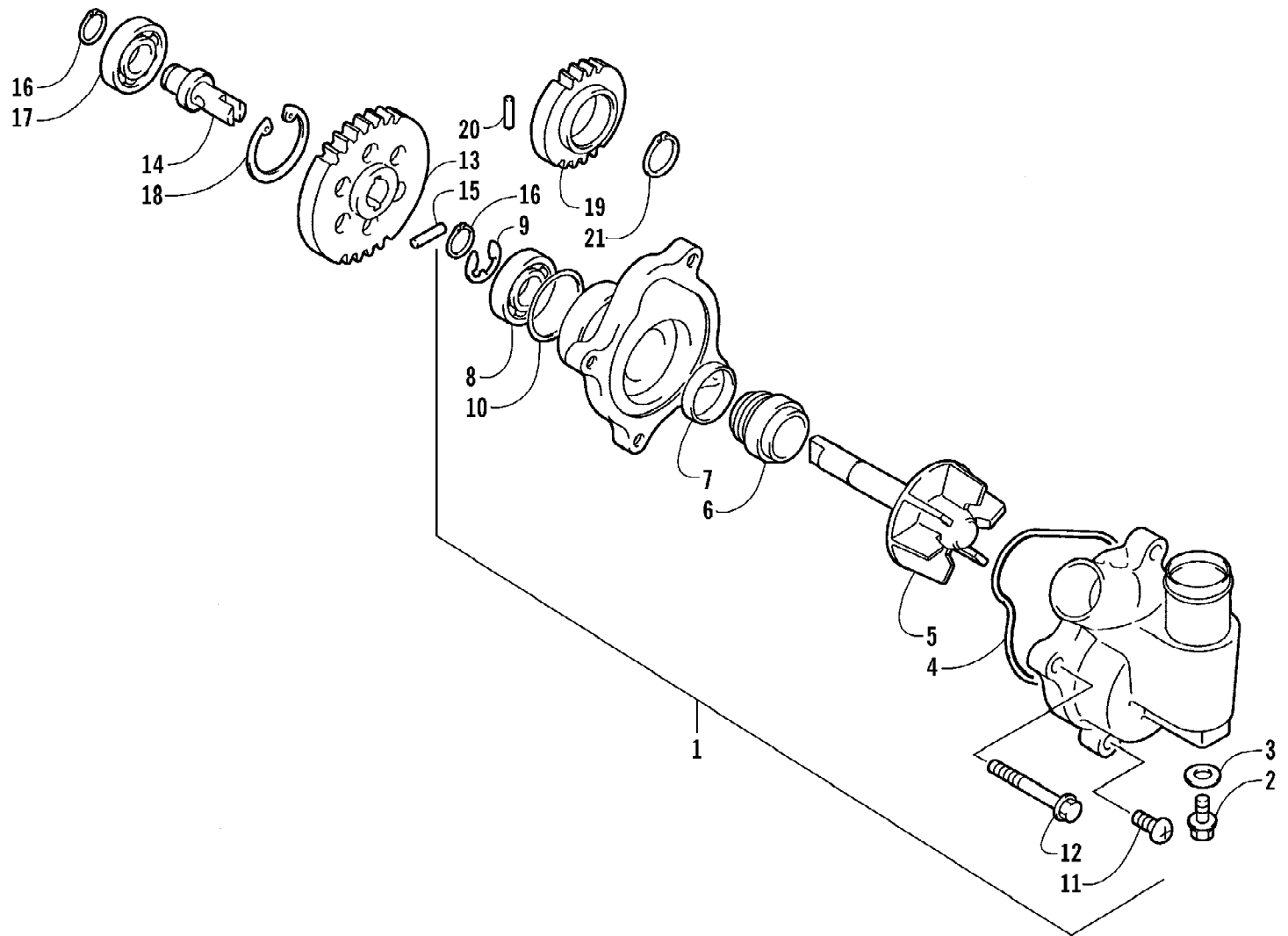
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
TRANSMISSION ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	3402-750	1		Face, Fixed Drive
2	3402-751	1		Face, Movable Drive
3	3402-470	2		Seal, Movable Drive Face
4	3402-471	1		Spacer, Movable Drive Face
5	3402-752	1		Face, Fixed Driven
6	3402-753	1		Face, Movable Driven
7	3402-754	1	S	Spring, Movable Driven Face
8	3402-475	2		O-Ring, Movable Driven Face
9	3402-476	2		Seal, Movable Driven Face
10	3402-477	4		Pin, Movable Driven Face
11	3402-478	4		Spacer, Movable Driven Face
12	3402-755	1	/P	Plate, Movable Drive Face
13	3402-756	1		Sleeve, Movable Driven Face
14	3402-481	4		Damper, Movable Drive Face
15	3423-406	1		Nut, Driven Pulley
16	3402-482	1		Holder, Movable Driven Face Spring
17	3402-483	8		Roller, Movable Drive Face
18	3423-514	2		Nut
19	3402-757	1		V-Belt
20	3402-758	1	/P	Housing, Clutch
21	3402-544	1	/P	Spacer, Fixed Drive Face
22	3402-695	1	S	Seal, Clutch Housing - Center
23	3402-488	1		Seal, Clutch Housing - Left
24	3446-003	1		Clutch, One-Way
25	3402-760	1		Shoe, Clutch - Assembly
26	3446-031	2	/P	Retainer, Bearing
27	3423-435	2		Screw, Bearing Retainer
28	3402-567	1		Bearing
29	3402-759	1	S	Bearing
30	3423-353	1	/P	O-Ring
31	3402-761	2		Seal, Clutch Housing - Right
32	3423-501	1		Nut
33	3402-730	1		Retainer, Bearing
34	3423-018	2		Screw

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
WATER PUMP ASSEMBLY

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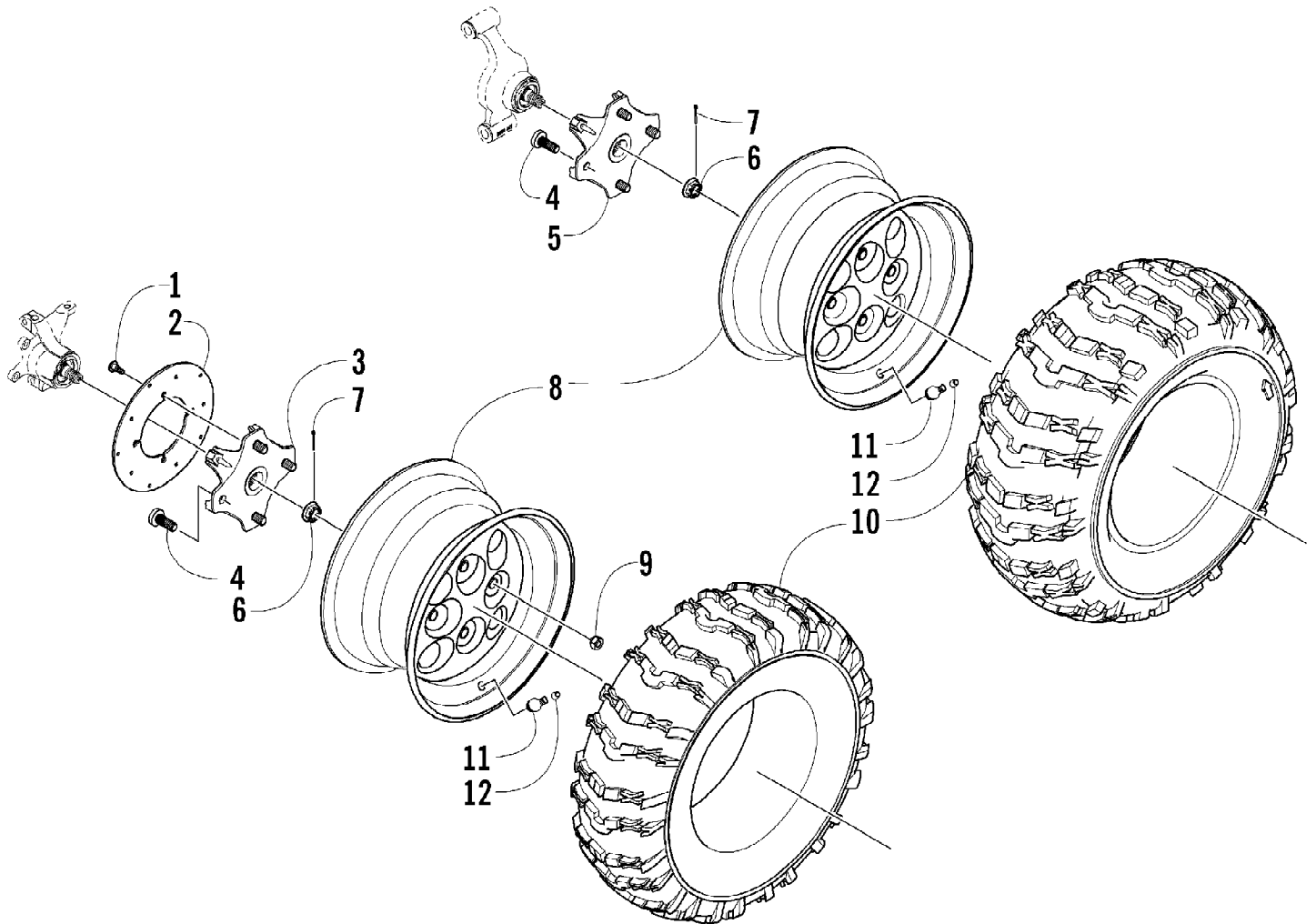


2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
 WATER PUMP ASSEMBLY

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Ref #	Part Number	Qty	S/P/F	Description
1	3402-464	1	/P	Pump, Water - Assembly (inc. 2-11)
2	3423-343	1		Screw, Cap
3	3003-188	1	S/P	Gasket
4	3423-402	1		O-Ring
5	3413-014	1		Impeller/Shaft
6	3005-909	1	/P	Seal, Mechanical
7	3402-465	1		Seal, Oil
8	3003-615	1	/P	Bearing
9	3423-403	1	S	E-Ring
10	3423-404	1		O-Ring
11	3003-484	2	S/P	Screw
12	3423-308	2	S	Screw, Cap
13	3402-026	1		Gear, Driven
14	3402-466	1		Shaft, Driven Gear
15	3423-046	1		Pin, Driven Gear
16	3423-184	2	S	Circlip, Driven Gear
17	3402-467	1		Bearing, Shaft
18	3423-405	1		Circlip, Shaft Bearing
19	3402-390	1		Gear, Water Pump Drive
20	3423-110	1		Pin, Drive Gear
21	3423-189	1	S	Circlip, Drive Gear

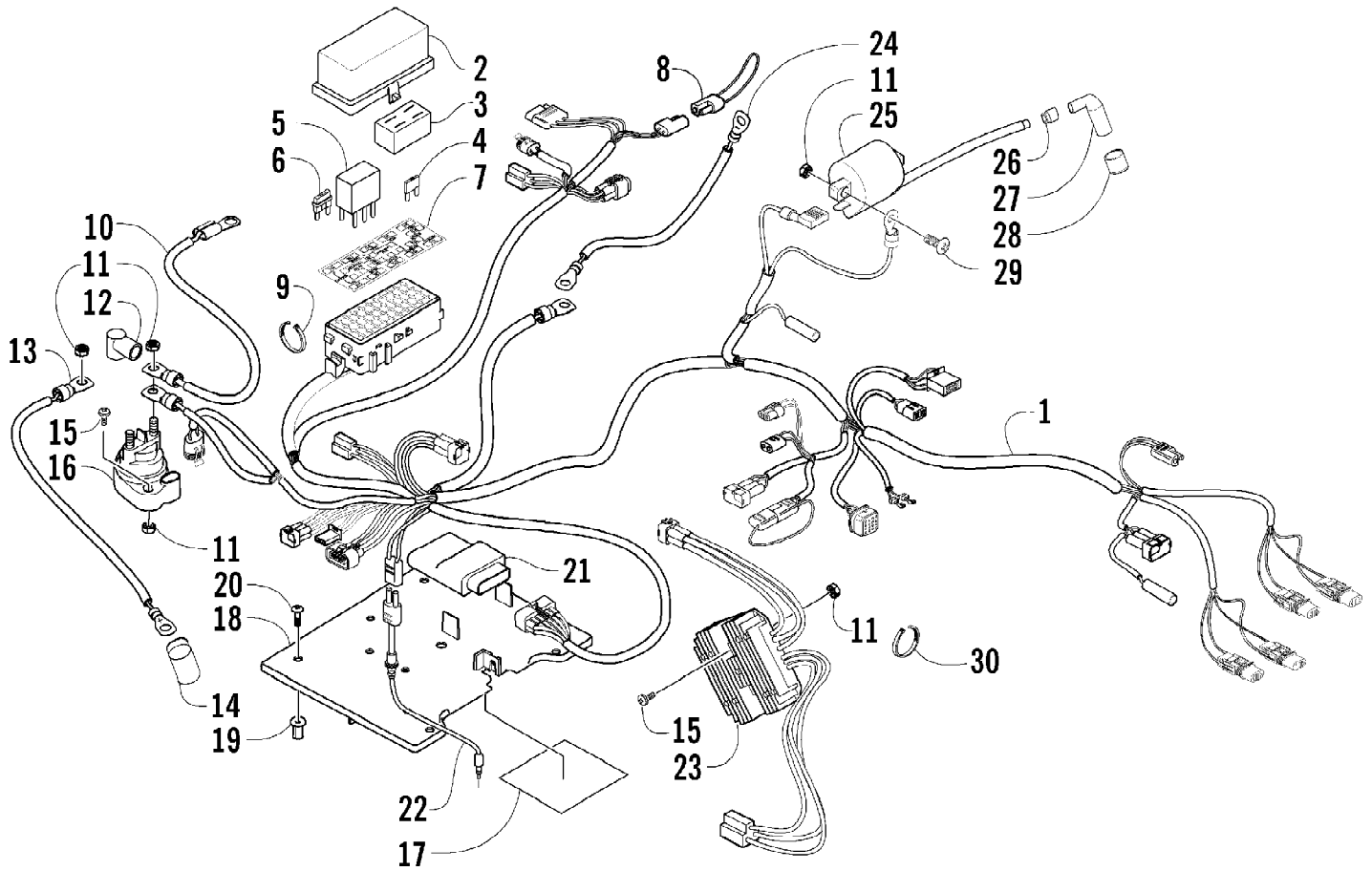
2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
WHEEL AND TIRE ASSEMBLY



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 WHEEL AND TIRE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0423-557	12		Screw, Shoulder
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
7	0423-407	4		Pin, Cotter
8	1402-127	2		Wheel - Front
8	1402-115	2		Wheel - Rear
9	0423-408	16	/P	Nut, Lug
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

2006 ATV 500 AUTOMATIC TRANSMISSION 4X4 TBX RED (A2006BBM4BUSR)
WIRING HARNESS ASSEMBLY



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 WIRING HARNESS ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0486-190	1		Harness, Main (inc. 2-8 and two No. 9)
2	0530-008	1		Cover, Fuse Block
3	0430-037	1		Holder, Fuse
4	0430-034	3		Diode
5	0430-033	3	F	Relay
6	0430-032	4		Fuse - 10 Amp
6	0430-031	3		Fuse - 15 Amp
6	0430-030	2		Fuse - 30 Amp
7	0411-838	1		Decal, Fuse Block
8	0486-164	1		Tether, Accessory Connector
9	0123-788	AR	/P	Cable Tie - 7.5 in.
10	0445-044	1	S	Cable, Solenoid/Starter
11	0623-038	8		Nut w/Washer
12	0645-327	1		Boot, Terminal
13	0445-046	1	S	Cable, Battery/Solenoid
14	0645-019	1		Boot, Terminal
15	8476-625	4		Screw, Machine
16	0445-036	1	S	Relay Assembly - Starter
17	0412-291	1		Shield, Heat
18	1406-600	1		Tray, Electrical
19	0123-010	4	/P	Nut, Expansion
20	0623-121	4		Screw, Machine
21	3530-039	1		CDI Unit
22	0409-072	1		Switch, Brake - Assembly
23	3530-028	1	S	Regulator, Voltage
24	0445-045	1	S	Cable, Battery/Ground
25	3530-027	1		Coil, Ignition - Assembly
26	3430-009	1	/P	Seal, High Tension Wire
27	3430-007	1	/P	Cap, Spark Plug
28	3430-008	1	/P	Seal, Spark Plug
29	8476-620	2		Screw, Machine
30	0123-903	AR		Cable Tie - 11.5 in.