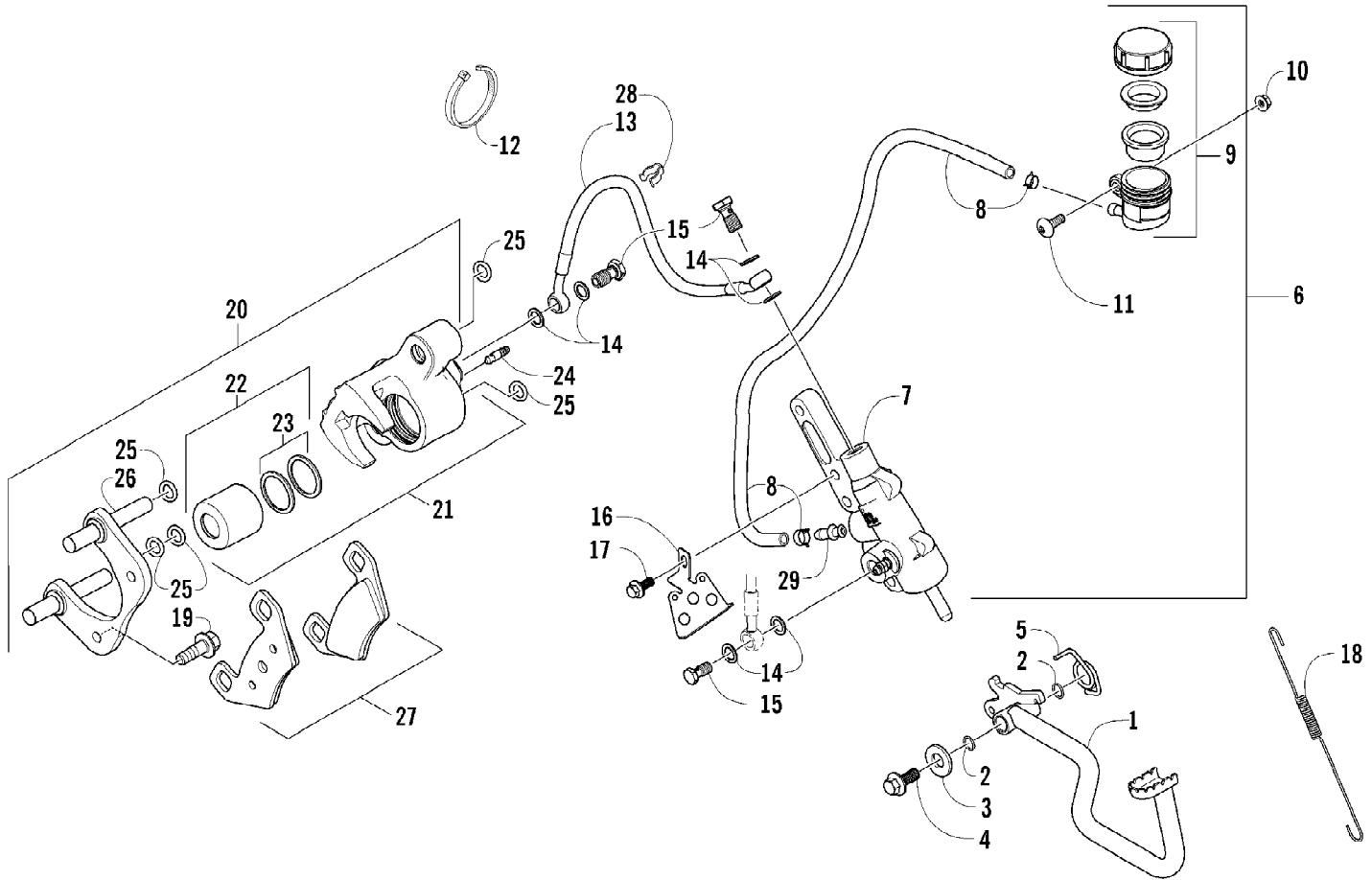


2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) Page 2 of 105  
 AIR INTAKE ASSEMBLY

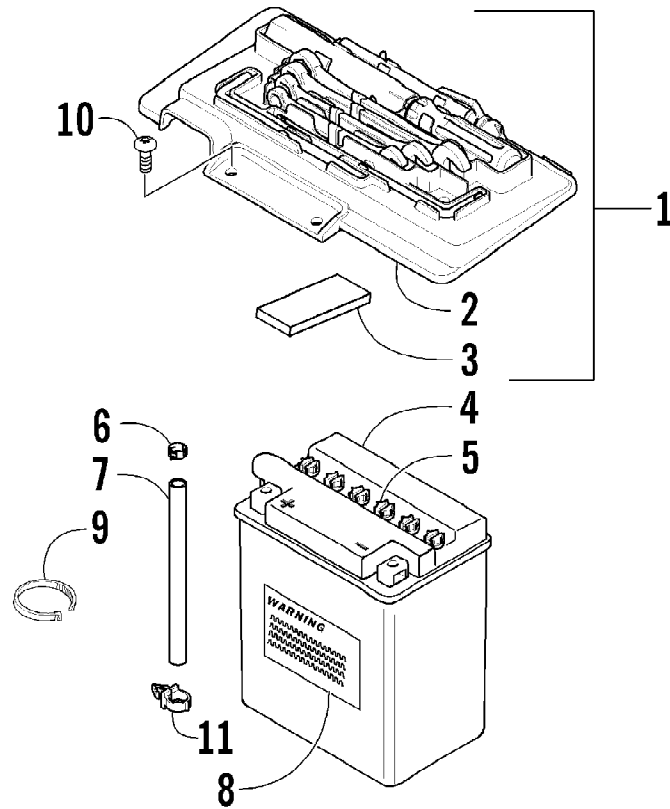
Ref #	Part Number	Qty	S/P/F	Description
1	0413-091	1		Diverter, Air - Top
2	0413-093	1		Diverter, Air - Bottom
3	0470-442	2	/P	Valve, Drain
4	1406-973	1		Shroud, Splash
5	0623-362	2		Rivet, Reinstallable
6	0423-551	3		Clamp
7	0423-342	7	/P	Screw, Self-Tapping
8	0413-096	1		Cap, Air Intake - Diverter
9	0470-529	1		Boot, Air Intake
10	0423-454	2		Clip, Mounting - Air Intake
11	0470-554	1	S	Cover, Air Intake
12	0470-663	1	/P	Filter, Air
13	0470-516	1		Screen, Air Filter
14	2406-009	1		Panel, Shield
15	0470-515	1	S	Housing, Air Intake
16	0423-455	4		Clip, Spring
17	0423-554	1		Clamp, Boot
18	0470-525	1		Boot, Carburetor
19	0423-019	1		Clamp, Boot
20	0470-571	1		Carburetor, CVK36-AE
21	0510-592	1		Hose, Carburetor Drain
22	0423-045	2		Clamp, Hose
23	0410-079	1	S	Hose, Vent - Crankcase

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) 3 of 105  
AUXILIARY BRAKE ASSEMBLY



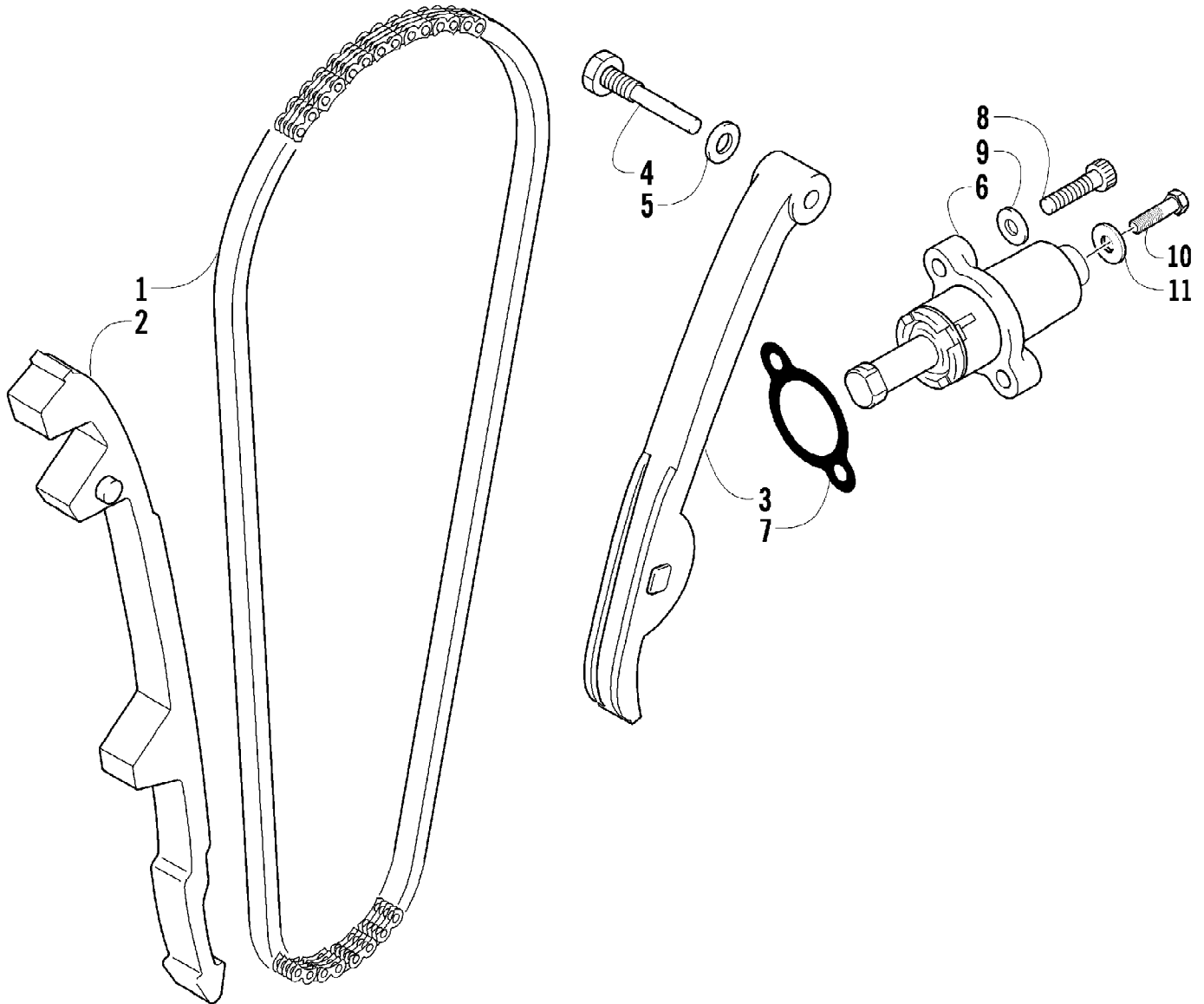
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) Page 4 of 105  
AUXILIARY BRAKE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	1502-136	1		Fully Bled Master Cylinder Replacement Kit
1	1502-063	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	1502-137	1	S	Brake Assembly (inc. 7-9)
7	0	1	F	Master Cylinder
8	1502-142	1		Hose, Brake Reservoir w/Clamps
9	1502-141	1		Reservoir, Brake
10	0623-038	1		Nut, Flanged
11	8476-616	1		Screw, Machine
12	0123-788	1	/P	Cable Tie - 7.5 in.
13	1502-140	1		Hose, Brake
14	0423-178	6		Washer, Crush
15	0423-413	3		Bolt, Banjo-Fitting
16	1502-179	1		Bracket, Switch
17	8408-625	2		Screw, Cap
18	0502-785	1		Spring, Brake Switch
19	1623-589	2	S	Screw, Cap
20	0502-878	1	S	Caliper, Brake (inc. 21-27)
21	0502-603	1	S	Housing, Caliper - Assembly - Right Rear (inc. 22-24)
22	0502-606	1		Piston/Seal Set (inc. 23)
23	0502-607	1		Seal Set
24	0502-609	1	/P	Valve, Bleed
25	0502-608	1		O-Ring, Guide - Set
26	0502-605	1		Bracket Assembly
27	0502-875	1	S	Pad, Brake - Set
28	1502-115	2		Clip, Brake Hose
29	1502-138	1	S	Adapter, Hose



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) Page 6 of 105  
 BATTERY ASSEMBLY

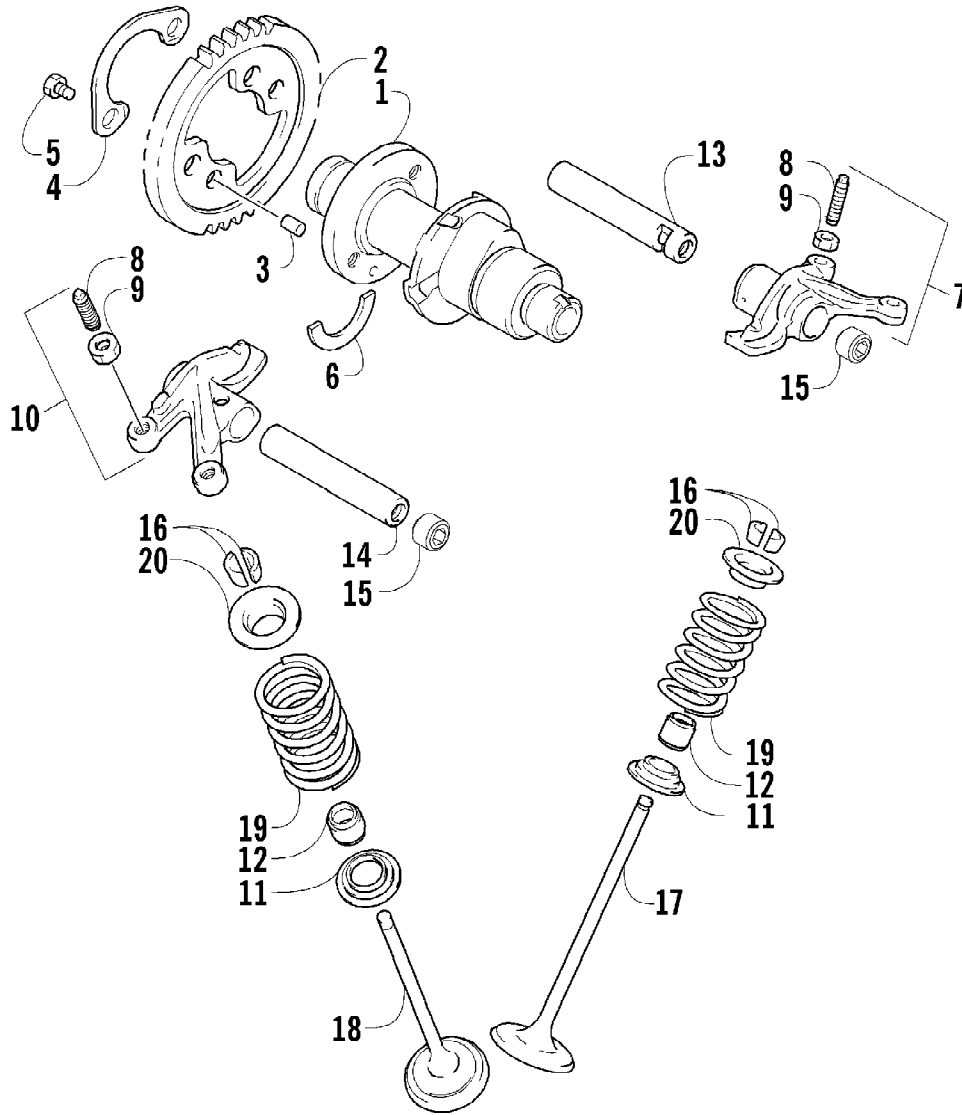
Ref #	Part Number	Qty	S/P/F	Description
1	5991-395	1	S	Battery Cover/Tool Tray Assembly (inc. 2-3)
2	2406-815	1	/P	Cover, Battery
3	0406-288	2		Pad, Battery
3	0444-122	1	S/P	Kit, Tool Not Illustrated
4	0745-045	1	/P	Battery Assembly (inc. 5-8)
5	0645-045	6		Cap, Battery
6	0645-152	1		Clamp, Hose
7	0645-263	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



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) 8 of 105  
CAM CHAIN ASSEMBLY

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

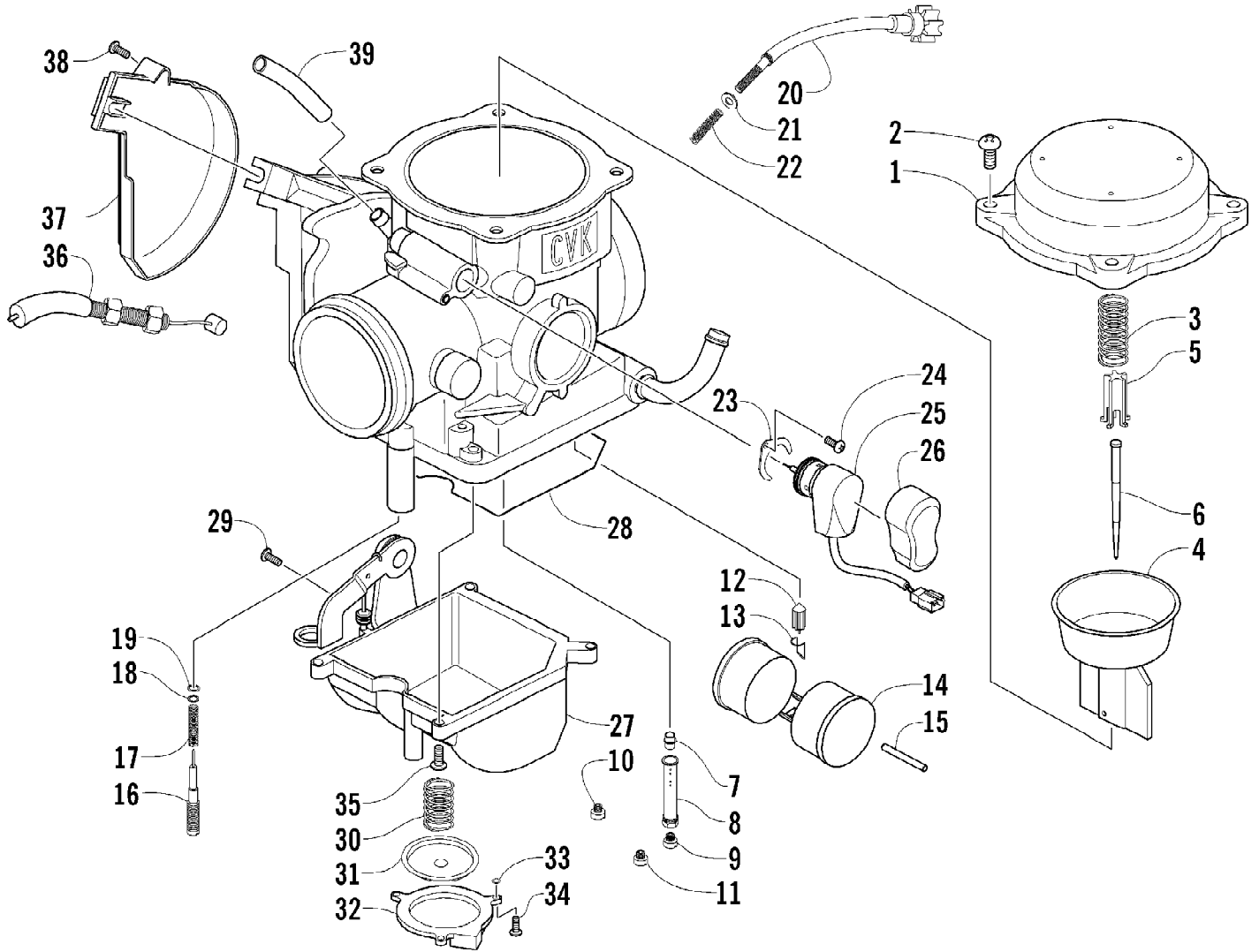




2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4P10) 10 of 105  
 CAMSHAFT/VALVE ASSEMBLY

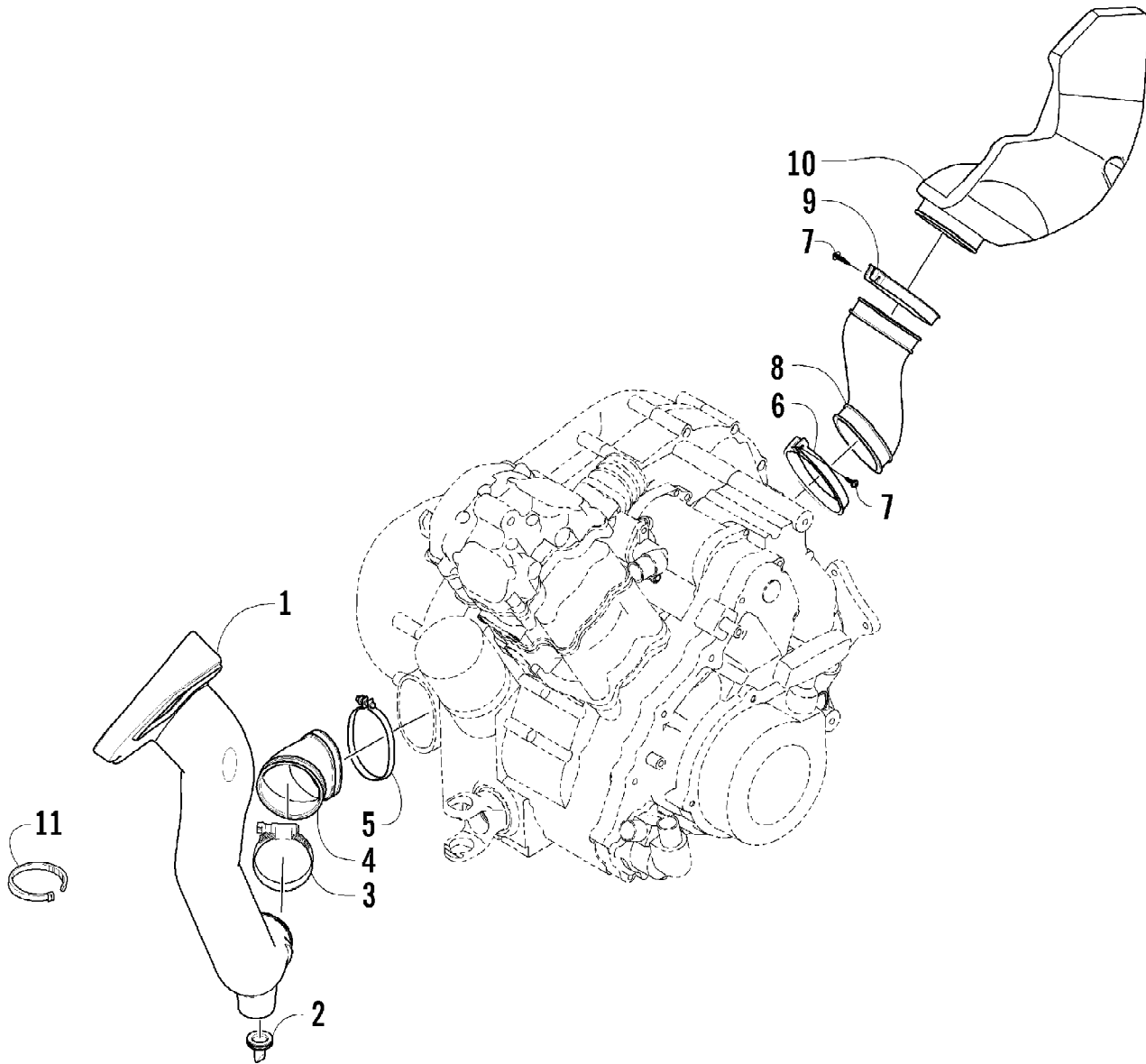
Ref #	Part Number	Qty	S/P/F	Description
1	0809-116	1	S	Camshaft
2	0809-002	1		Sprocket
3	0829-008	1		Pin
4	0828-004	1		Washer
5	0826-034	2		Bolt
6	0809-003	1		C-Ring
7	0809-134	1	S/F	Arm, Valve Rocker - Intake (inc. two No. 8-9)
8	0809-033	4	S/F	Screw
9	0827-007	4	F	Nut
10	0809-136	1	S/F	Arm, Valve Rocker - Exhaust (inc. two No. 8-9)
11	0809-006	4	F	Seat, Spring - Valve
12	0830-016	4	S/F	Seal, Oil
13	0809-007	1	F	Shaft, Rocker Arm - Intake
14	0809-008	1	F	Shaft, Rocker Arm - Exhaust
15	0831-041	2	F	Plug, Shaft
16	0809-014	8	F	Keeper, Valve
17	0809-039	2	S/F	Valve, Intake
18	0809-040	2	S/F	Valve, Exhaust
19	0809-138	4	S/F	Spring, Valve
20	0809-013	4	F	Retainer, Spring

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) **Page 1 of 105**  
CARBURETOR



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4P) 12 of 105  
CARBURETOR

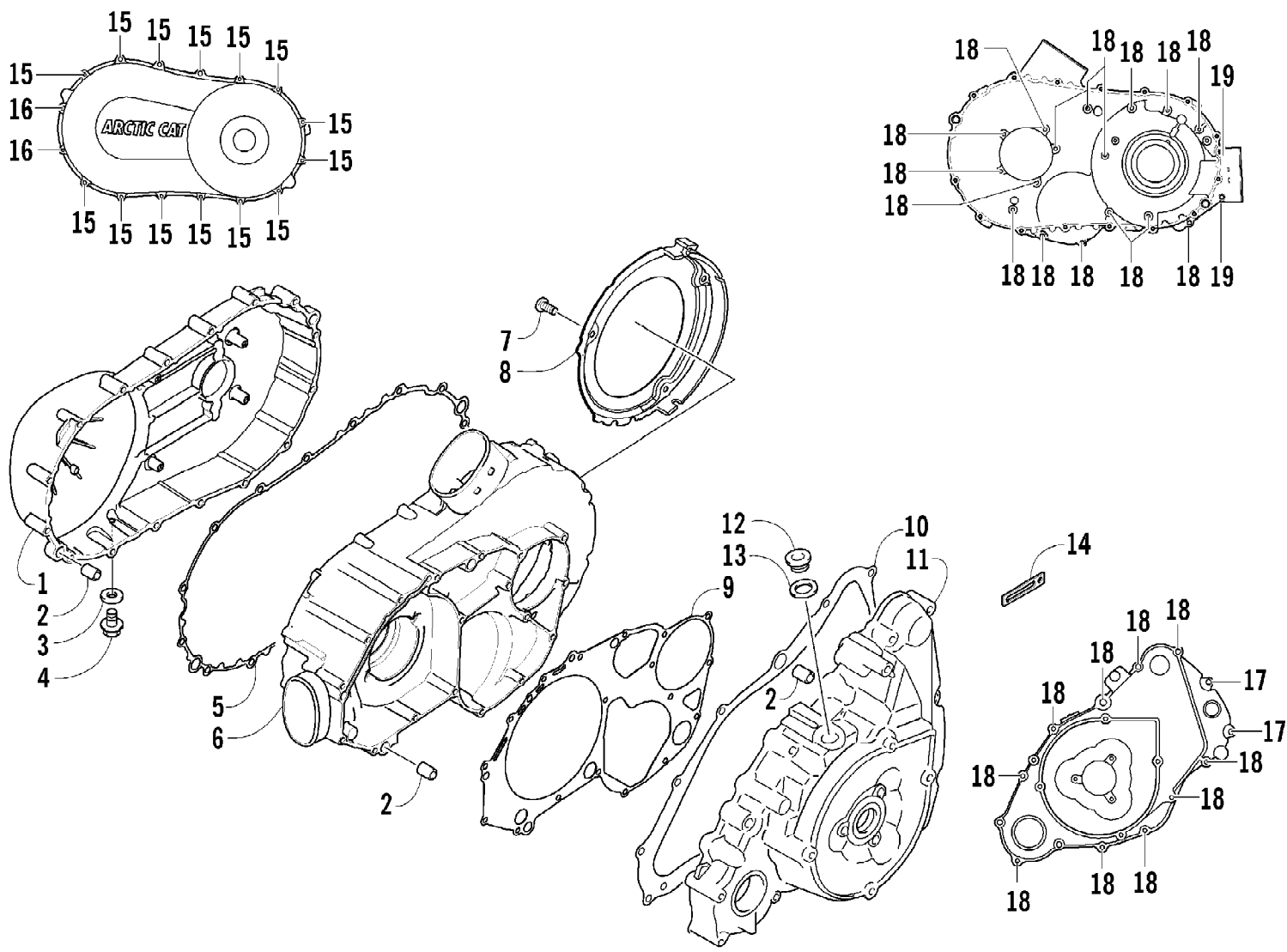
Ref #	Part Number	Qty	S/P/F	Description
	0470-571	1		Complete Carburetor Assembly CVK36-AE
1	5507-001	1		Cover, Top
2	5507-002	4	/P	Screw, Top Cover
3	5507-173	1	S	Spring
4	5507-099	1		Piston, Vacuum
5	5507-005	1		Seat, Spring
6	5507-184	1		Jet Needle
7	5507-007	1		Needle Jet
8	5507-047	1	/P	Holder, Needle Jet
9	5507-075	1		Main Jet - 132
9	5507-072	1		Main Jet - 125 Optional
9	5507-073	1		Main Jet - 128 Optional
9	5507-074	1		Main Jet - 130 Optional
9	5507-057	1	/P	Main Jet - 135 Optional
9	5507-076	1	/P	Main Jet - 138 Optional
9	5507-043	1		Main Jet - 142 Optional
9	5507-042	1	/P	Main Jet - 145 Optional
9	5507-041	1		Main Jet - 148 Optional
9	5507-009	1	/P	Main Jet - 150 Optional
9	5507-077	1		Main Jet - 152 Optional
9	5507-078	1		Main Jet - 155 Optional
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 - 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	5507-204	1		Choke, Electric
26	5507-114	1		Cover, Electric Choke
27	5507-203	1		Chamber, Float - Assembly (inc. 28-34)
28	5507-067	1	/P	O-Ring, Float Chamber
29	5507-050	1	/P	Screw, Drain
30	5507-032	1		Spring
31	5507-202	1		Diaphragm Assembly
32	5507-033	1		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	0410-048	AR	S	Hose, Vent - 25 ft



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) 14 of 105  
CASE/BELT COOLING ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0413-115	1		Duct, Belt Cooling - Front
2	0470-442	1	/P	Valve, Drain
3	0423-578	1		Clamp, Boot
4	0413-114	1	S	Boot, Duct - Front
5	0423-539	1	S	Clamp, Boot
6	0423-550	1		Clamp, Plastic
7	0423-342	2	/P	Screw, Self-Tapping
8	0413-097	1		Boot, Duct - Rear
9	0423-554	1		Clamp, Boot
10	0413-153	1	/P	Duct, Belt Cooling - Rear
11	0123-903	1		Cable Tie - 11.5 in.

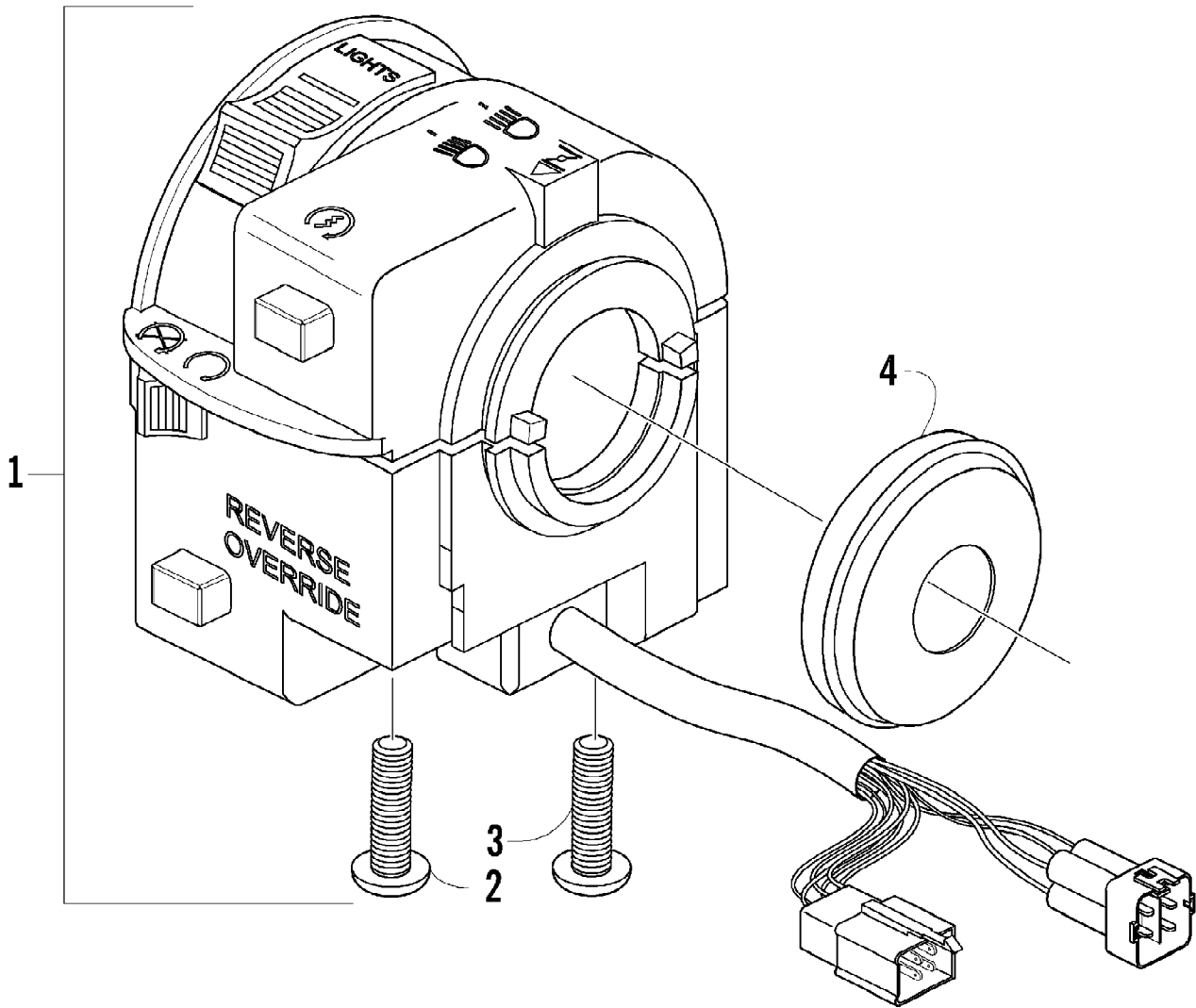
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 15 of 105  
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4P16) Page 16 of 105  
CLUTCH/V-BELT/MAGNETO COVER ASSEMBLY

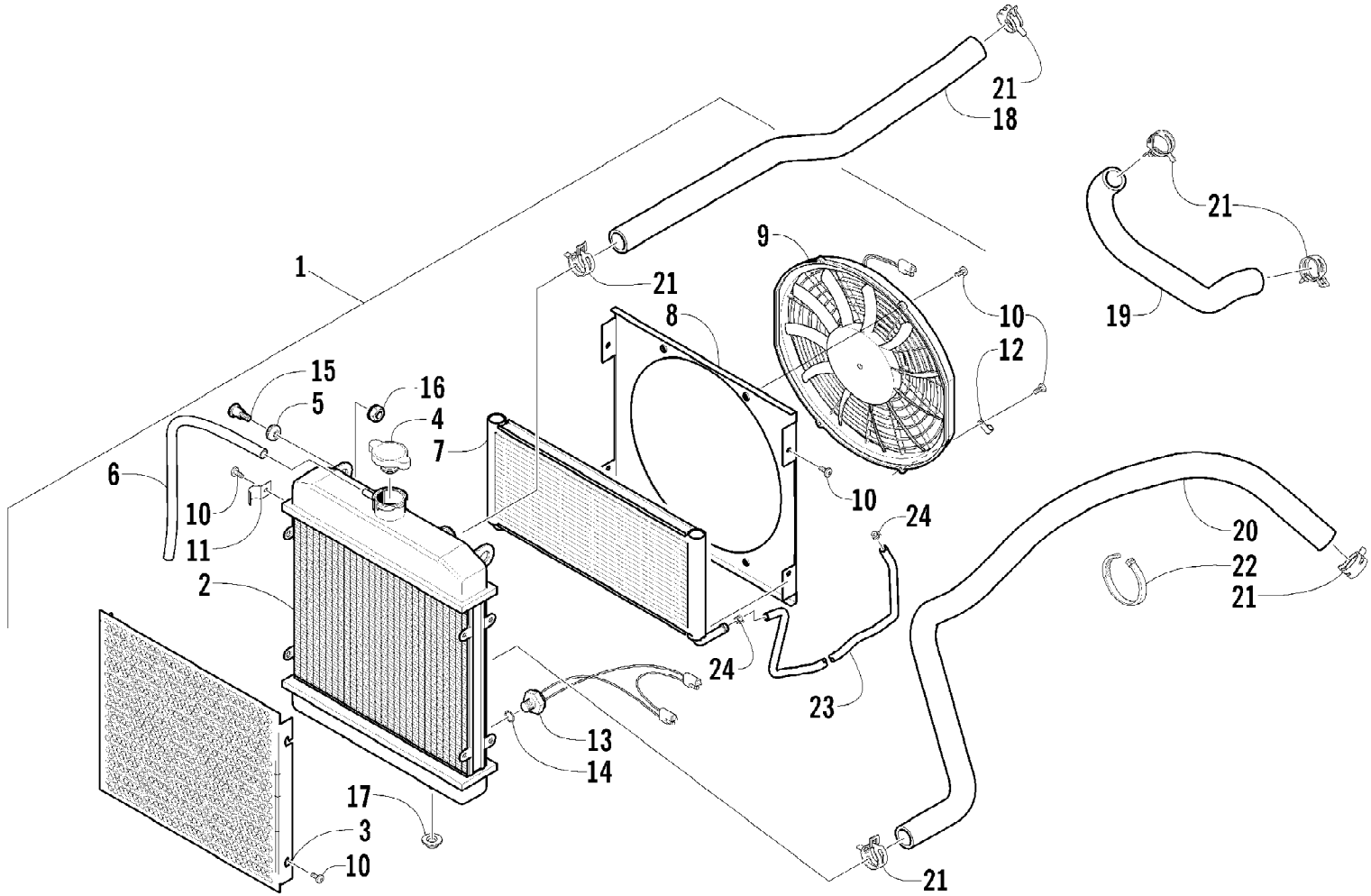
Ref #	Part Number	Qty	S/P/F	Description
1	0806-014	1	S	Cover, V-Belt
2	0829-002	4		Pin, Dowel
3	0830-013	1		Washer, Crush
4	8408-812	1		Screw, Cap
5	0830-012	1	S	Gasket, V-Belt Cover
6	0806-013	1	S	Cover, Clutch
7	0826-029	3		Screw
8	0806-048	1		Plate, Air Intake
9	0830-116	1	/P	Gasket, Clutch Cover
10	0830-128	1		Gasket, Magneto Cover
11	0806-077	1	S	Cover, Magneto - Assembly
12	0806-022	1		Plug
13	0830-015	1		Washer, Crush
14	3002-964	1	/P	Clamp, Wire
15	8468-645	14		Screw, Machine
16	8468-655	2		Screw, Machine
17	8468-625	2		Screw, Machine
18	8468-640	26		Screw, Machine
19	8468-675	2		Screw, Machine





2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) 18 of 105  
CONTROL SWITCH HOUSING ASSEMBLY

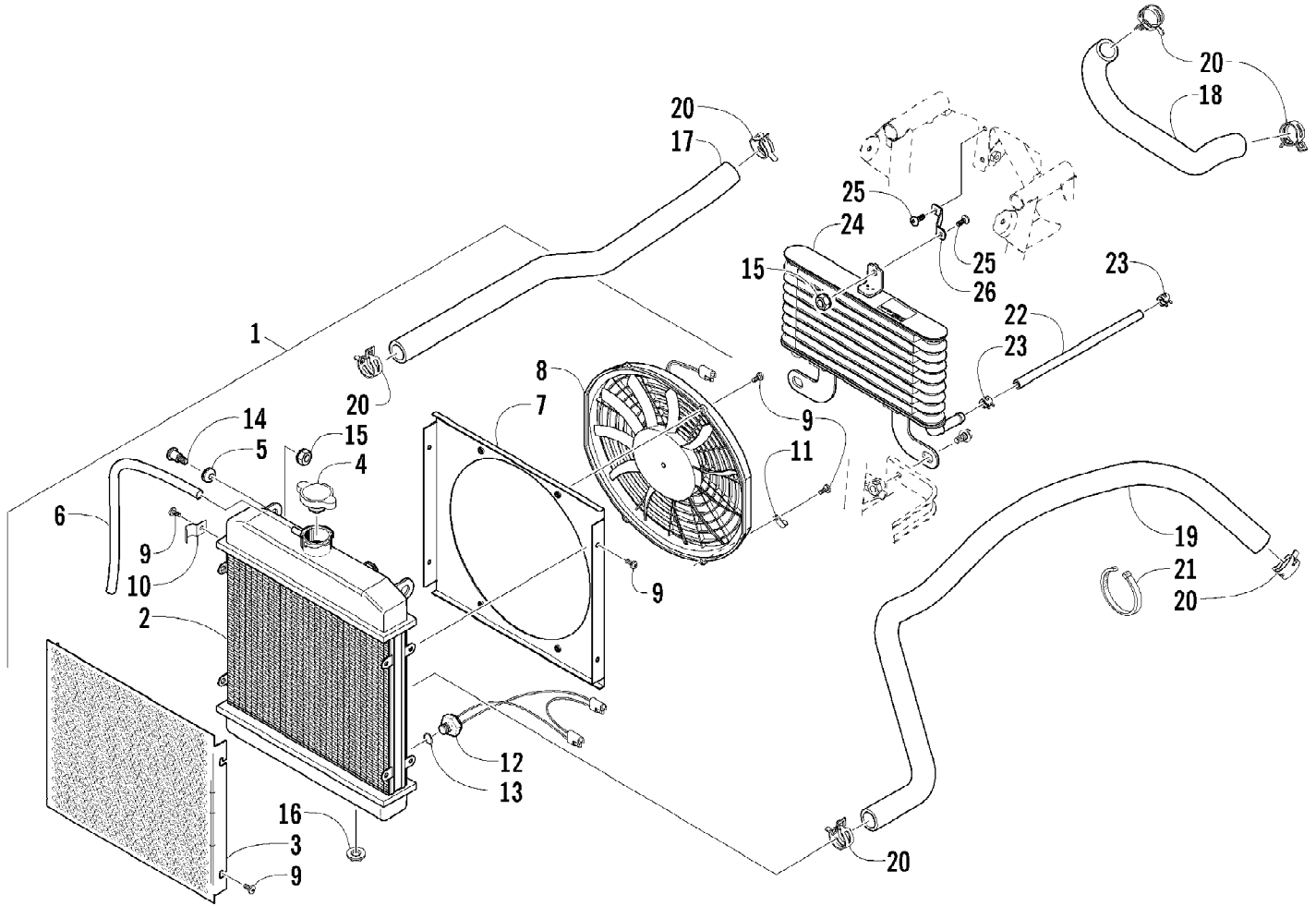
Ref #	Part Number	Qty	S/P/F	Description
1	0509-014	1		Switch, Control - Assembly (inc. 2-4)
2	0409-027	1		Screw, Machine
3	0409-028	1		Screw, Machine
4	3409-019	1		Cover, Switch Housing



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4116SR20 of 105  
 COOLING ASSEMBLY (Up to VIN: 4UF07ATV17T236134)

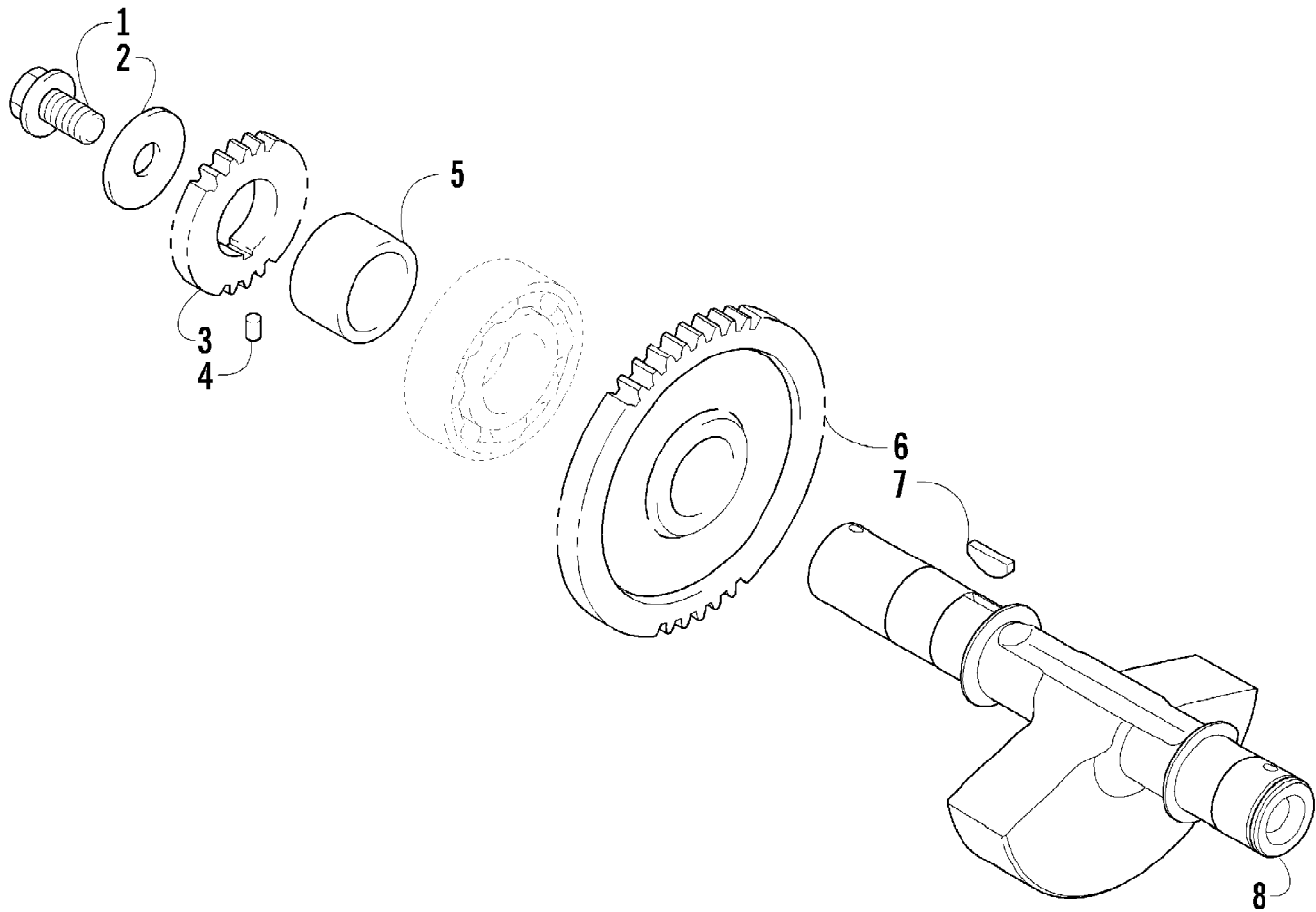
Ref #	Part Number	Qty	S/P/F	Description
1	0413-116	1		Radiator Assembly (inc. 2-14)
2	0413-043	1	S	Radiator
3	0413-007	1		Screen, Radiator
4	0413-002	1	S	Cap, Radiator
5	0423-030	2		Grommet
6	0610-016	AR	/P	Hose - 25 ft
7	0413-122	1		Cooler, Oil
8	0413-124	1		Shroud, Fan
9	0413-123	1	/P	Fan, Cooling
10	8475-512	12		Screw, Machine
11	0423-351	1		Clamp, Wire
12	0123-397	1		Clamp, Cable
13	0413-045	1		Sensor, Temperature - Coolant
14	0423-390	1	S	O-Ring
15	0423-484	2		Screw, Shoulder
16	0623-038	2		Nut w/Washer
17	0423-028	2		Bushing, Stem
18	0410-002	1		Hose, Coolant - Upper
19	0410-022	1		Hose, Coolant - Crossover
20	0410-041	1		Hose, Coolant - Lower
21	0423-496	6		Clamp, Hose
22	0123-788	2	/P	Cable Tie
23	0410-100	AR	S	Hose, Oil Cooler
24	0423-632	4		Clamp, Hose

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COOLING ASSEMBLY (VIN: 4UF07ATV17T236134 and above)



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4115R2) Page 22 of 105  
 COOLING ASSEMBLY (VIN: 4UF07ATV17T236134 and above)

Ref #	Part Number	Qty	S/P/F	Description
1	0413-172	1	S	Radiator Assembly (inc. 2-13)
2	0413-184	1	/P	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	0413-168	1		Sensor, Temperature - Coolant
13	0423-390	1	S	O-Ring
14	0423-484	2		Screw, Shoulder
15	0623-038	4		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
21	0123-788	2	/P	Cable Tie
22	0410-127	2		Hose, Oil Cooler
23	0423-632	4		Clamp, Hose
24	0413-163	1	S	Cooler, Oil
25	8476-612	2		Screw, Machine
26	0513-022	1		Bracket, Mtg Upper-Oil Cooler

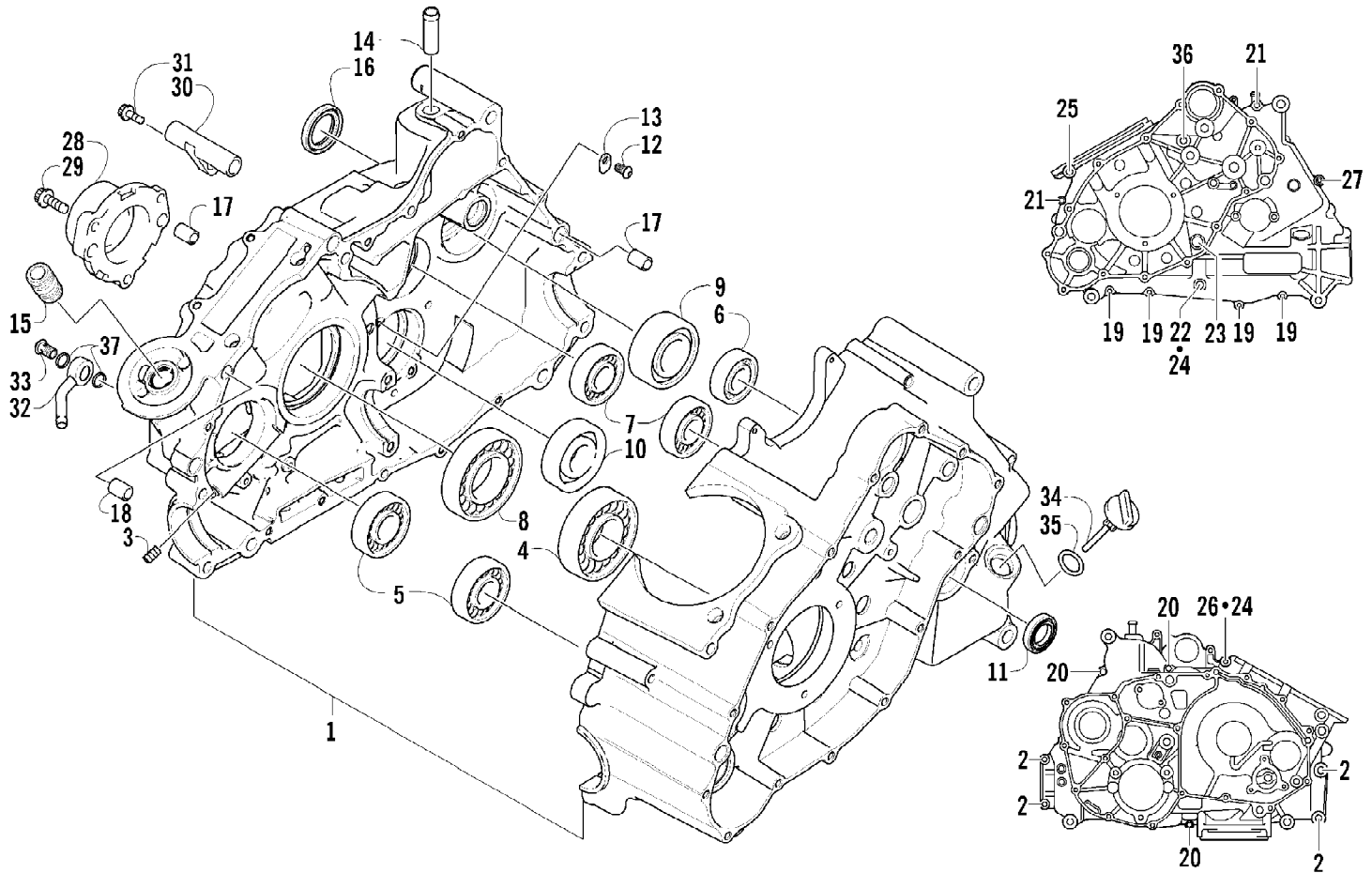


2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 24 of 105  
CRANK BALANCER ASSEMBLY

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



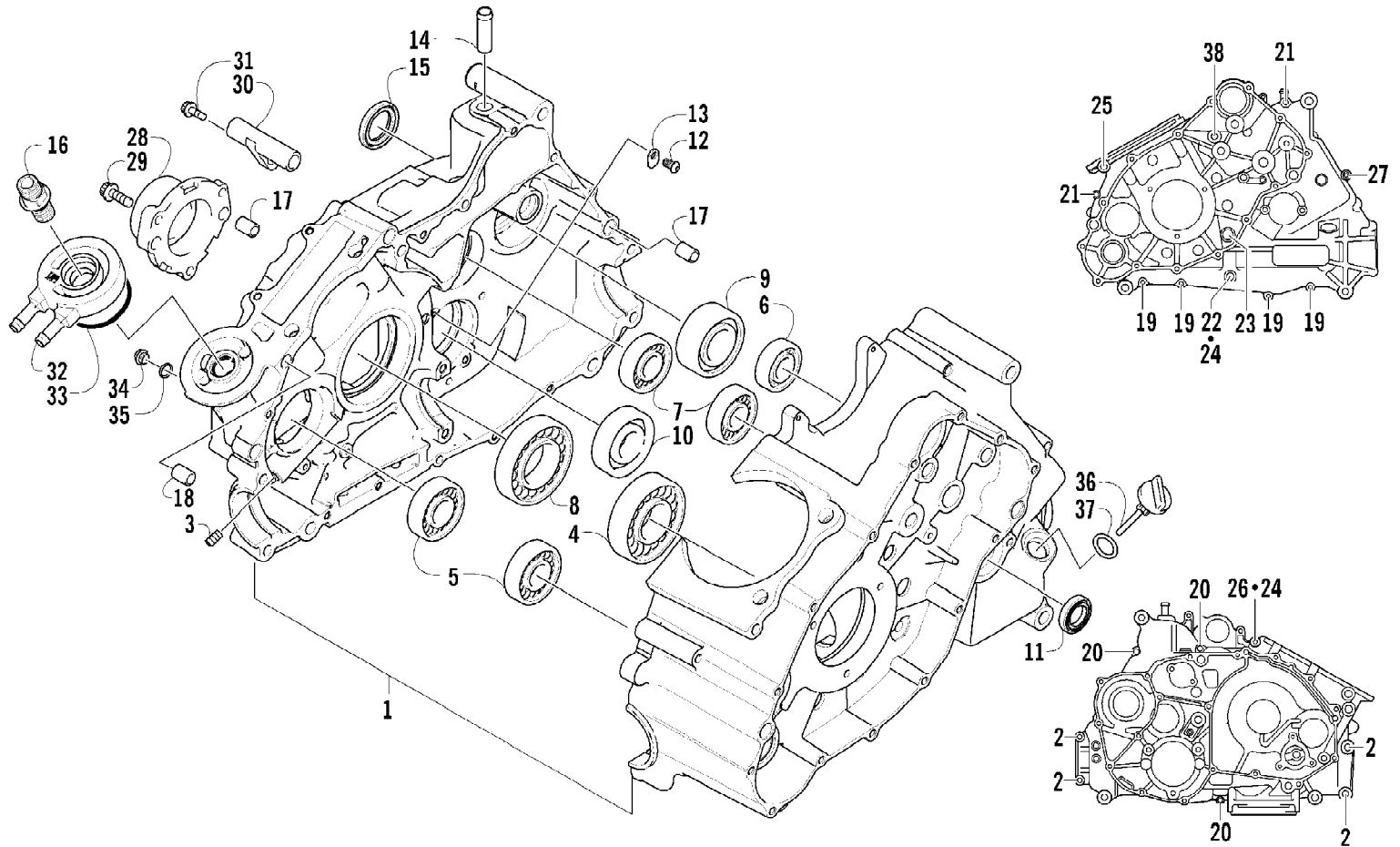
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 25 of 105  
CRANKCASE ASSEMBLY (Up to VIN: 4UF07ATV47T237701)



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4PUSR)  
 CRANKCASE ASSEMBLY (Up to VIN: 4UF07ATV47T237701) Page 26 of 105

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

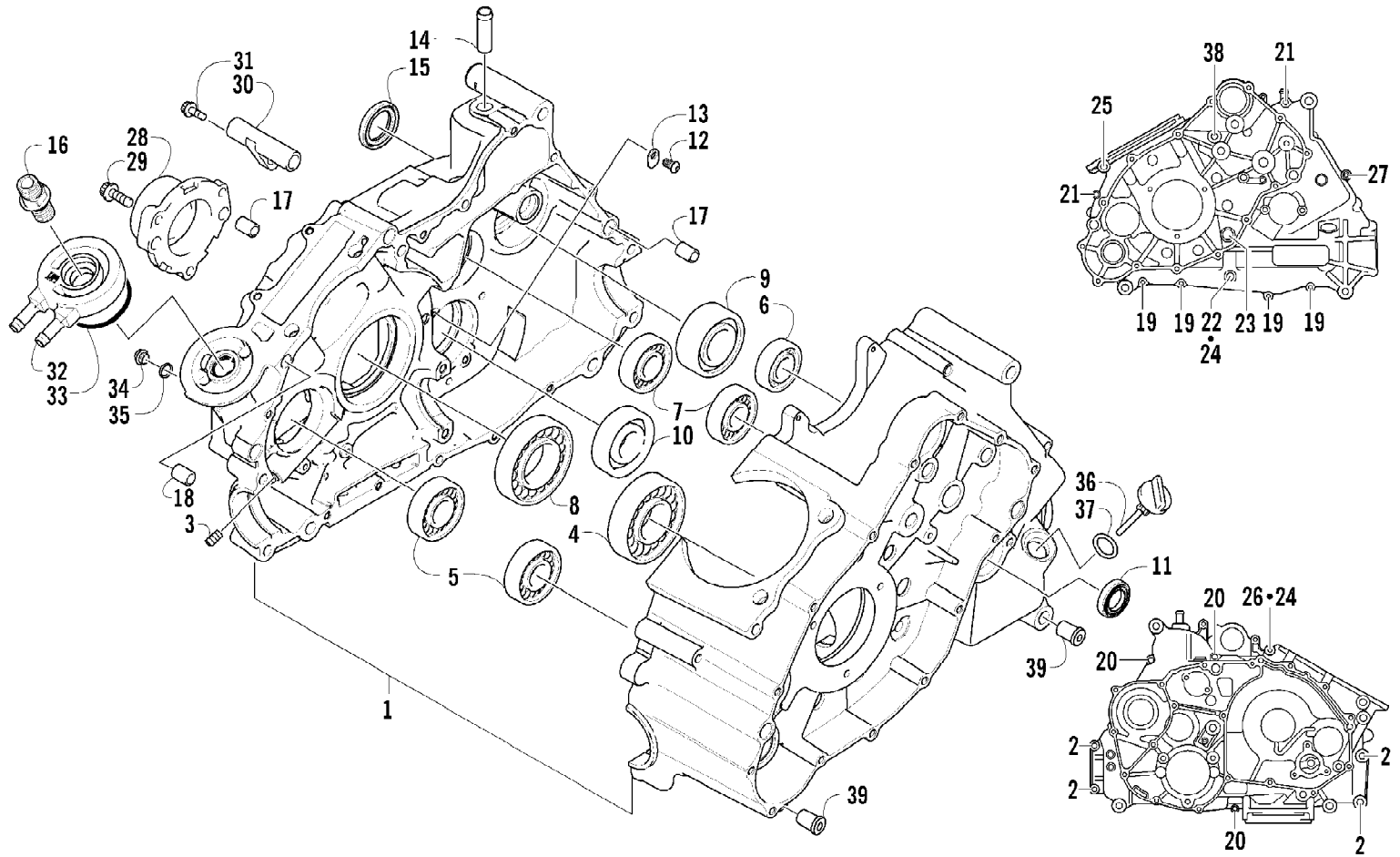
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4100R27 of 105)  
CRANKCASE ASSEMBLY (VIN: 4UF07ATV47T237701 up to 4UF07ATV97T270001 and up)



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4116SR28 of 105  
 CRANKCASE ASSEMBLY (VIN: 4UF07ATV47T237701 up to 4UF07ATV97T270001 and up)

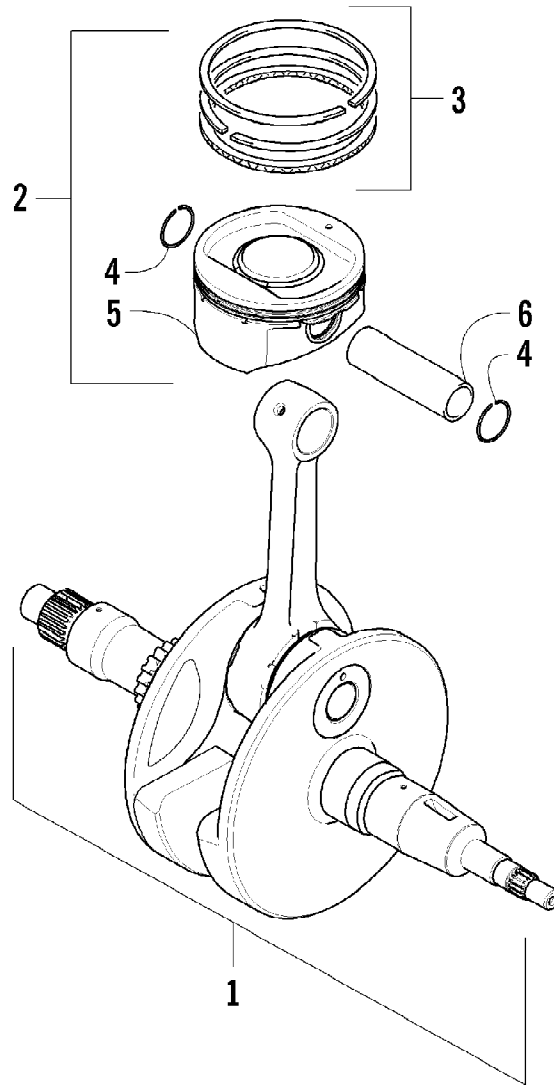
Ref #	Part Number	Qty	S/P/F	Description
1	0801-096	1	S	Crankcase Assembly (inc. 2-15)
2	8412-850	4		Screw, Cap
3	0801-002	2		Plug
4	0832-003	1	S	Bearing
5	0832-005	2	S	Bearing
6	0832-013	1	S	Bearing
7	0832-014	2	S	Bearing
8	0832-002	1	S	Bearing
9	0832-012	1	S	Bearing
10	0832-015	1	S/P	Bearing
11	0822-052	1		Seal, Countershaft
12	0826-100	2		Screw, Machine
13	0822-010	2	/P	Retainer, Bearing
14	0801-028	1		Pipe, Breather
15	0830-035	1		Seal, Driveshaft
16	0812-056	1		Union, Oil Filter
17	0829-002	5		Pin, Dowel
18	0829-003	1		Pin, Dowel
19	8468-645	4		Screw, Machine
20	8468-655	3		Screw, Machine
21	8468-675	2		Screw, Machine
22	8412-860	1		Screw, Cap
23	0826-017	1		Screw, Cap
24	0830-008	2		Gasket
25	0826-019	1		Screw, Cap
26	0826-018	1		Screw, Cap
27	8468-695	1		Screw, Machine
28	0801-006	1		Housing, Secondary Shaft Bearing
29	0826-105	3		Screw, Cap
30	0801-069	1		Pipe, Breather
31	0826-038	1		Screw, Machine
32	0812-055	1		Tower, Oil Filter
33	0830-166	1		O-Ring
34	0812-058	2		Plug
35	0812-026	2		Gasket
36	0801-005	1		Stick, Oil Level
37	0830-010	1		O-Ring, Oil Level Stick
38	8468-680	1		Screw, Machine

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 29 of 105  
CRANKCASE ASSEMBLY (VIN: 4UF07ATV97T270001 and above)



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4PUSA) Page 30 of 105  
 CRANKCASE ASSEMBLY (VIN: 4UF07ATV97T270001 and above)

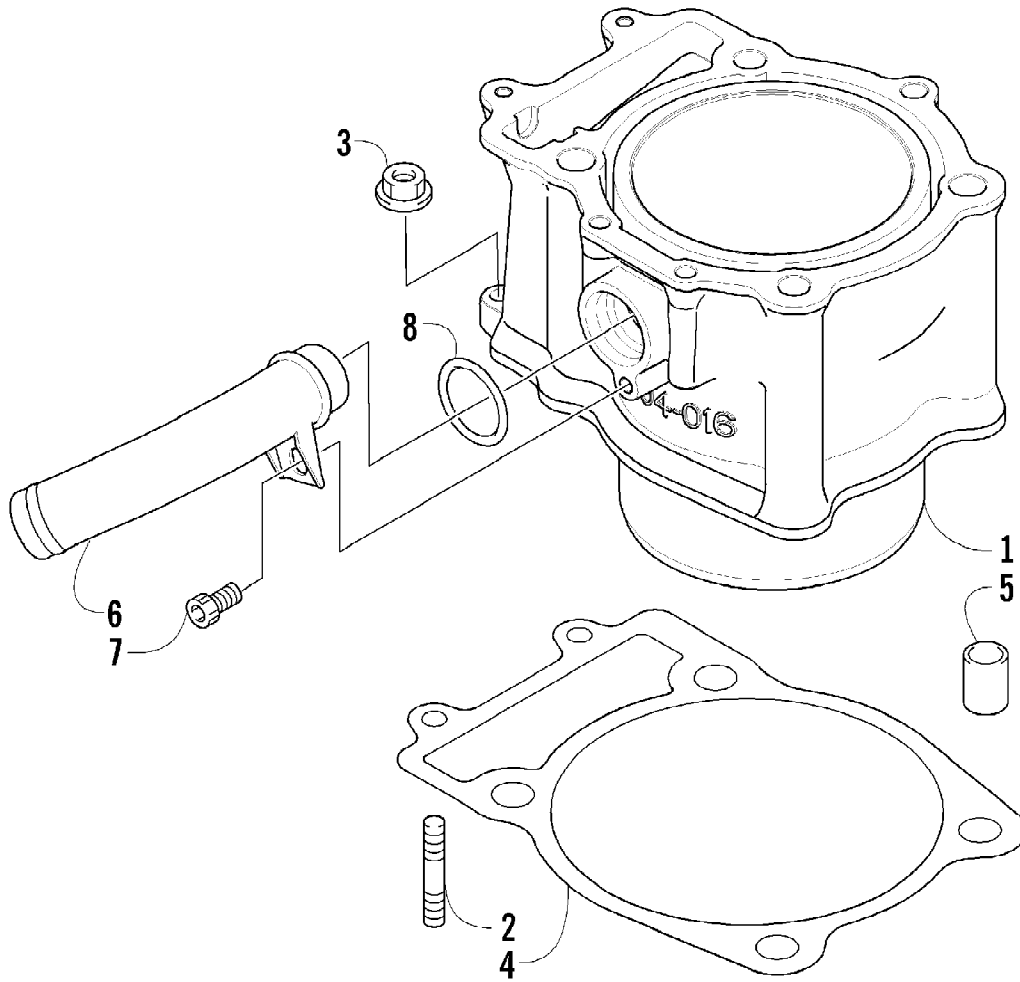
Ref #	Part Number	Qty	S/P/F	Description
1	0801-093	1	S	Crankcase Assembly (inc. 2-15)
2	8412-850	4		Screw, Cap
3	0801-002	2		Plug
4	0832-003	1	S	Bearing
5	0832-005	2	S	Bearing
6	0832-013	1	S	Bearing
7	0832-014	2	S	Bearing
8	0832-002	1	S	Bearing
9	0832-012	1	S	Bearing
10	0832-015	1	S/P	Bearing
11	0822-052	1		Seal, Countershaft
12	0826-100	2		Screw, Machine
13	0822-010	2	/P	Retainer, Bearing
14	0801-028	1		Pipe, Breather
15	0830-035	1		Seal, Driveshaft
16	0812-056	1		Union, Oil Filter
17	0829-002	5		Pin, Dowel
18	0829-003	1		Pin, Dowel
19	8468-645	4		Screw, Machine
20	8468-655	3		Screw, Machine
21	8468-675	2		Screw, Machine
22	8412-860	1		Screw, Cap
23	0826-017	1		Screw, Cap
24	0830-008	2		Gasket
25	0826-019	1		Screw, Cap
26	0826-018	1		Screw, Cap
27	8468-695	1		Screw, Machine
28	0801-006	1		Housing, Secondary Shaft Bearing
29	0826-105	3		Screw, Cap
30	0801-069	1		Pipe, Breather
31	0826-038	1		Screw, Machine
32	0812-055	1		Tower, Oil Filter
33	0830-166	1		O-Ring
34	0812-058	2		Plug
35	0812-026	2		Gasket
36	0801-005	1		Stick, Oil Level
37	0830-010	1		O-Ring, Oil Level Stick
38	8468-680	1		Screw, Machine
39	0801-108	4	S	Bushing, Engine Mounting



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4BUSA) Page 32 of 105  
 CRANKSHAFT ASSEMBLY

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

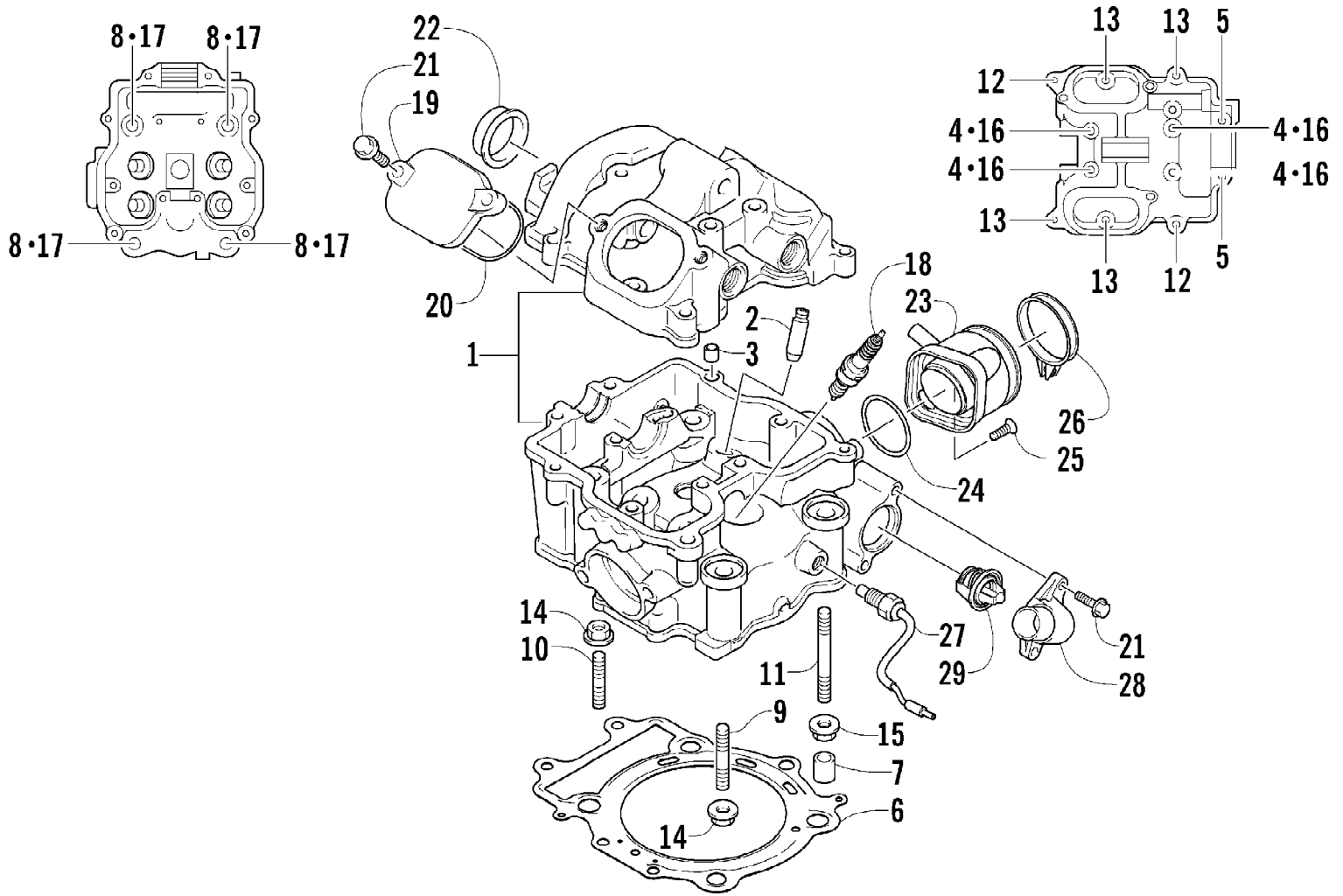




2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4P1SR) Page 34 of 105  
CYLINDER ASSEMBLY

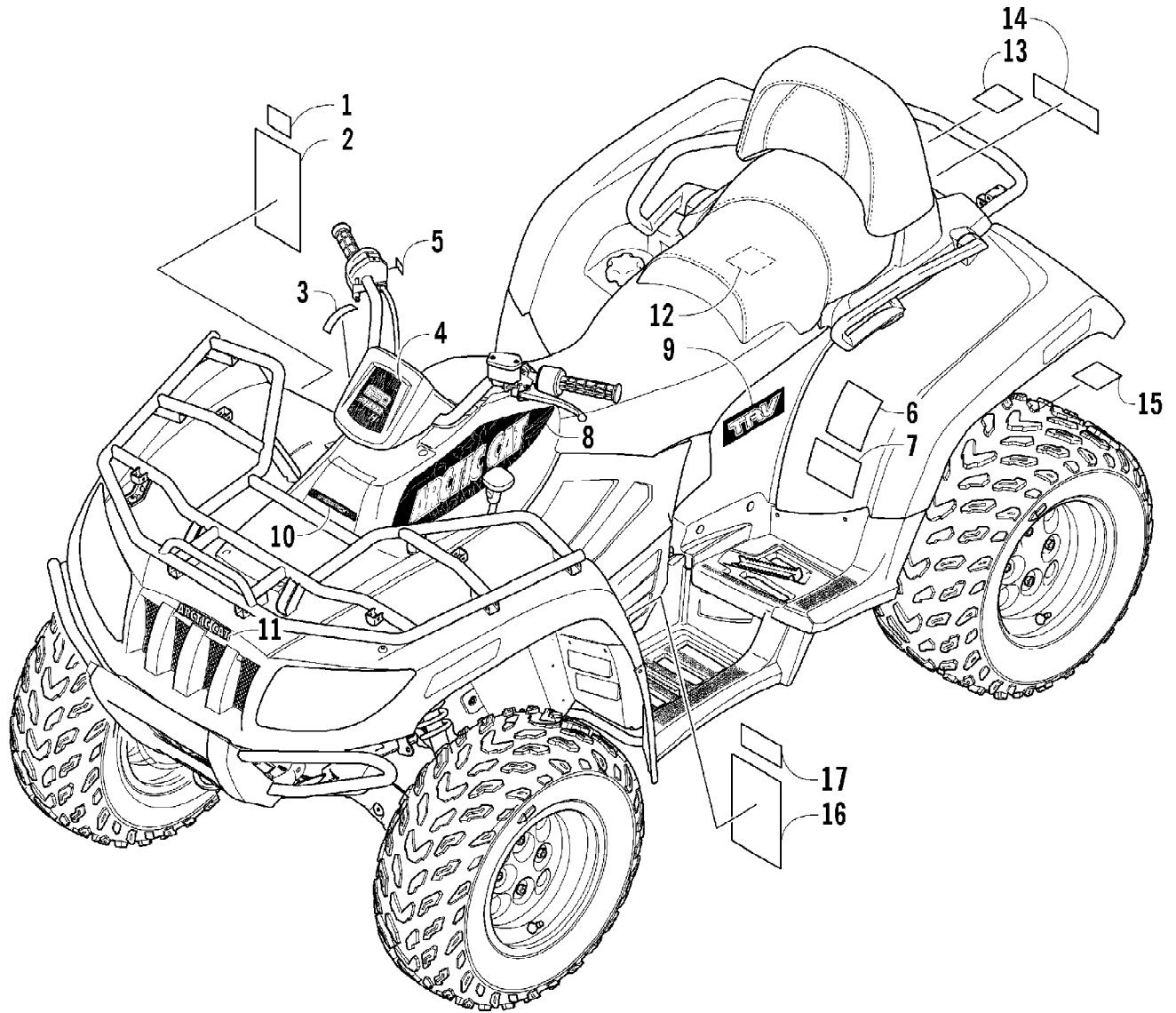
Ref #	Part Number	Qty	S/P/F	Description
1	0804-016	1		Cylinder
2	0827-002	2		Bolt, Stud
3	8424-604	2		Nut
4	0830-084	1		Gasket, Base
5	0829-002	2		Pin, Dowel
6	0804-002	1	S	Union, Water Hose
7	8468-612	1		Screw, Machine
8	0830-007	1		O-Ring

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CYLINDER HEAD ASSEMBLY



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CYLINDER HEAD ASSEMBLY

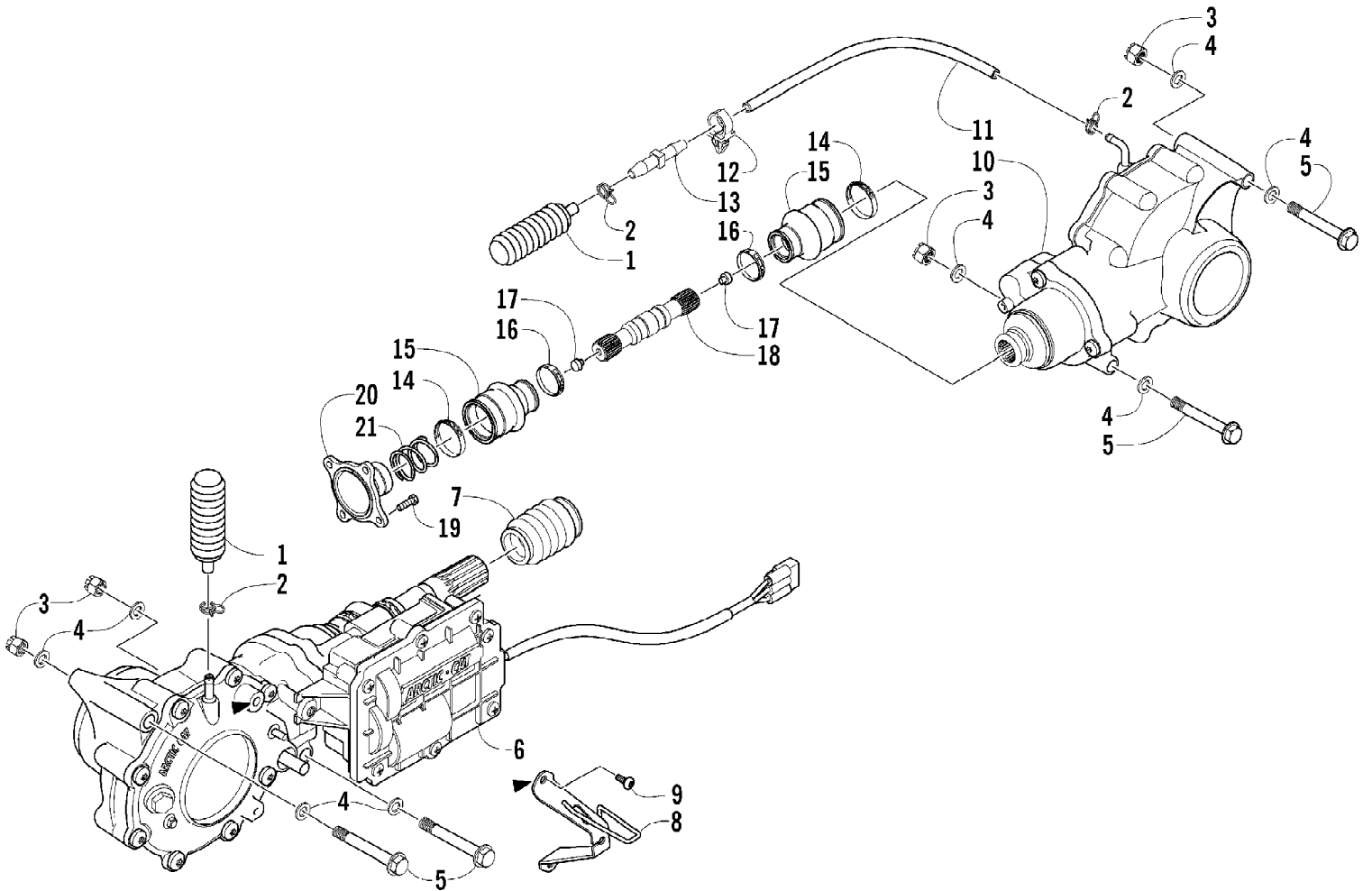
Ref #	Part Number	Qty	S/P/F	Description
1	0808-047	1	F	Head, Cylinder - Assembly (inc. 2-4)
2	0	4	F	Guide, Valve
3	0829-001	2	S	Dowel, Sleeve
4	0826-001	4		Screw, Cap
5	0826-002	2		Screw, Cap
6	0830-124	1	S	Gasket, Cylinder Head
7	0829-002	2		Pin, Dowel
8	0808-037	4	/P	Screw, Cap
9	0827-030	2		Bolt, Stud
10	0827-002	2		Bolt, Stud
11	0827-031	1		Bolt, Stud
12	0826-005	2		Screw, Cap
13	0826-006	4		Screw, Cap
14	8424-604	5		Nut
15	8424-804	1		Nut
16	0830-107	4		Gasket - Seal, Fastener
17	0830-147	4	/P	Washer, Crush
18	0217-727	1	S	Spark Plug (RG6YC)
19	0808-003	2		Cap, Inspection
20	0830-004	2	S	O-Ring
21	0826-007	5		Screw, Cap
22	0808-077	1		Plug, Cylinder Head
23	0570-115	1		Pipe, Intake - Assembly
24	0830-090	1		O-Ring
25	0826-008	2		Screw, Machine
26	0423-066	1		Clamp, Intercooler
27	0808-007	1		Switch, Water Temperature - Assembly
28	0808-008	1		Cover, Thermostat
29	0808-078	1		Thermostat



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 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	1411-376	1		Decal, Instrument Pod
5	0411-966	1		Decal, Warning - Differential Lock
6	0411-833	1		Decal, Passenger
7	0411-832	1		Decal, Warning - Tire Pressure
8	1411-356	1		Decal, Side - Upper Right
8	1411-357	1		Decal, Side - Upper Left
9	1411-264	2		Decal, Graphic - TRV
10	1411-050	1	/P	Decal, "Speedrack"
11	0411-840	1		Decal, Front
12	1411-269	1		Decal, Warning - Passenger
13	1411-251	1		Decal, Warning - Seat/Passenger
14	0411-814	1	/P	Decal, "Arctic Cat" - White
15	1411-077	1		Decal, Warning - Towing
16	0411-753	1	F	Decal, Warning - Age/General
17	1411-574	1		Decal, Warning - Off-Road Only

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DRIVE TRAIN ASSEMBLY

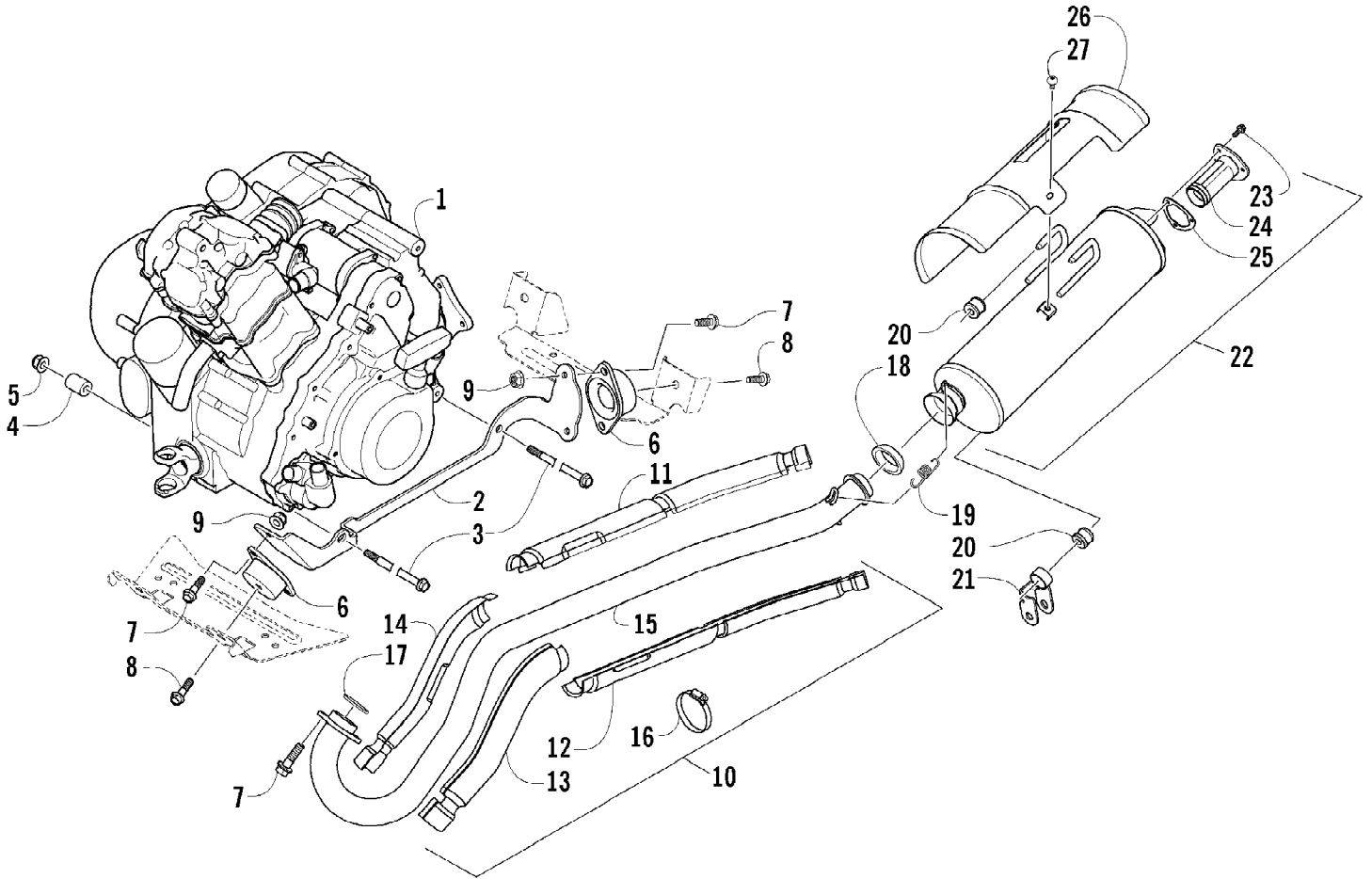


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DRIVE TRAIN ASSEMBLY

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	10		Washer
5	0423-404	4		Screw, Cap
6	1502-089	1		Gearcase, Front
7	0402-966	1		Boot, Shaft
8	0502-500	1		Plate, Cable
9	0423-396	2		Screw, Self-Tapping
10	1502-079	1	S	Gearcase, Rear
11	0410-048	AR	S	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	1402-233	1		Shaft, Propeller
19	8408-820	4	/P	Screw, Cap
20	0402-950	1		Flange, Output
21	1402-026	1		Spring



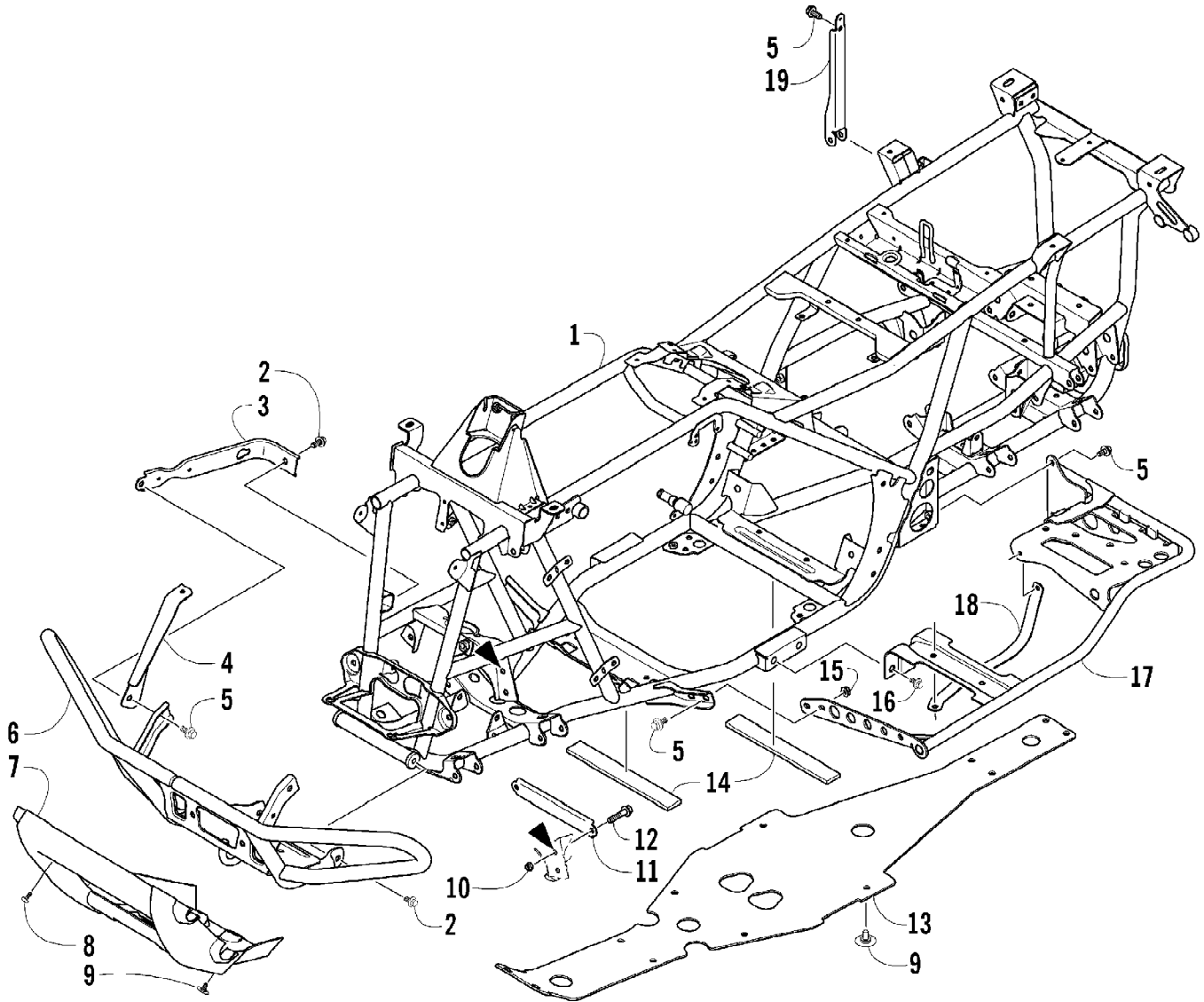
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) **Page 41 of 105**  
ENGINE AND EXHAUST



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ENGINE AND EXHAUST

Ref #	Part Number	Qty	S/P/F	Description
1	0800-025	1	S	Engine
1	0800-051	1	S/F	Engine w/o Recoil
2	1506-740	1		Bracket, Engine - Right
2	1506-741	1		Bracket, Engine - Left
3	0423-405	2		Screw, Cap
4	0423-042	1	S	Spacer, Engine
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
10	0512-363	1		Pipe, Exhaust - Assembly (inc. 11-16)
11	0412-355	1		Shield, Exhaust Pipe - Lower - Rear
12	0412-354	1		Shield, Exhaust Pipe - Upper - Rear
13	0412-349	1		Shield, Exhaust Pipe - Inner - Front
14	0412-348	1		Shield, Exhaust Pipe - Outer - Front
15	0512-362	1		Pipe, Exhaust
16	0423-317	4	/P	Hose Clamp
17	0412-338	1	/P	Gasket, Exhaust Pipe
18	0412-375	1	/P	Seal, Exhaust
19	0612-668	2	/P	Spring, Extension
20	0412-215	3	S	Bushing, Exhaust Pipe
21	1506-732	1		Channel, Muffler Support
22	0512-355	1	/P	Muffler - Assembly (inc. 23-25)
23	8408-616	3		Screw, Cap
24	0512-219	1	/P	Arrester, Spark - Assembly
25	0412-313	1		Gasket, Spark Arrester
26	0412-373	1	/P	Cover, Muffler
27	8477-610	3		Screw, Machine

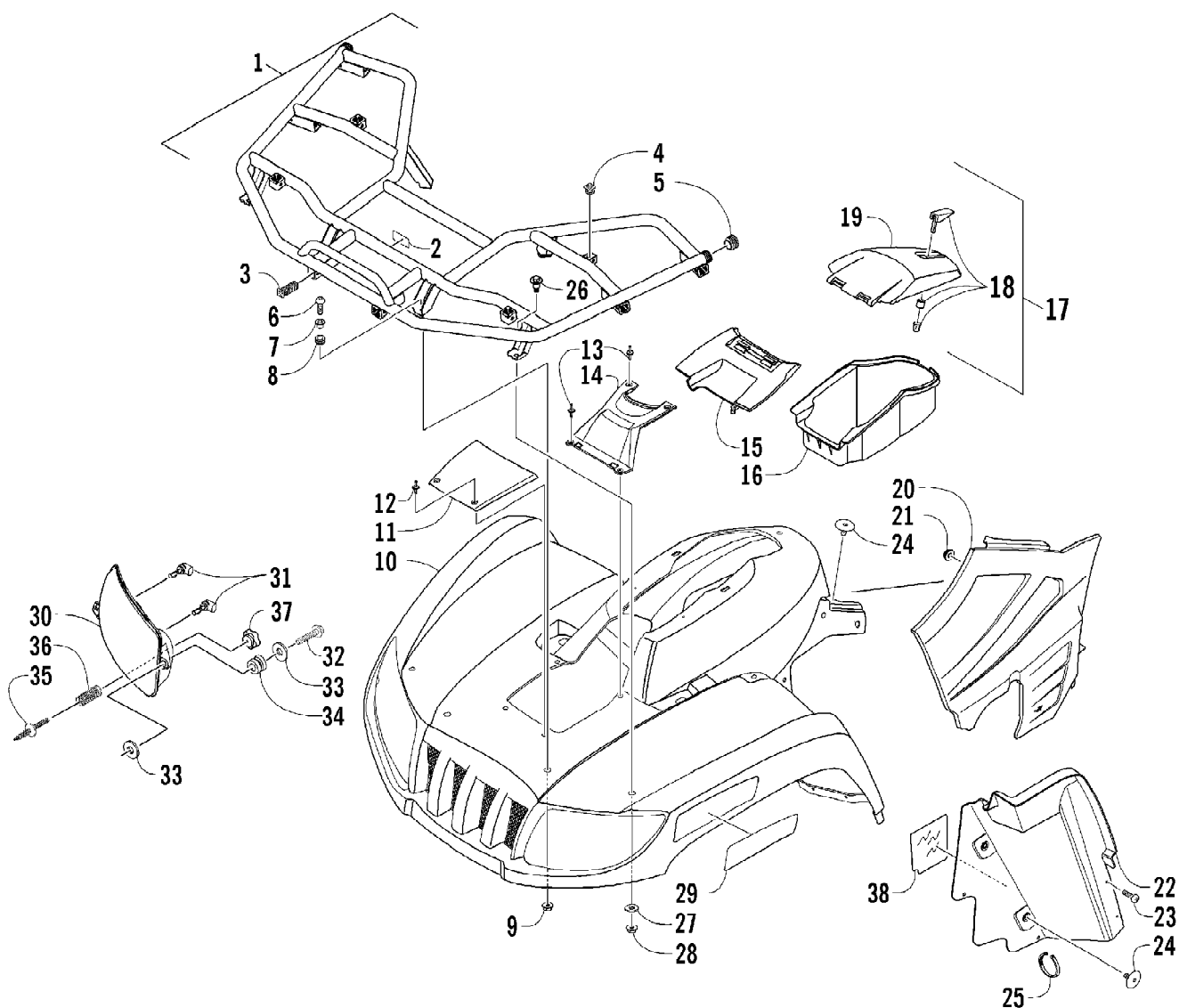
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 13 of 105  
FRAME AND RELATED PARTS



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FRAME AND RELATED PARTS

Ref #	Part Number	Qty	S/P/F	Description
1	2506-047	1		Frame, Main
2	8409-020	4	/P	Screw, Cap
3	1506-596	1	/P	Channel, Bumper Mounting - Right
4	1506-562	1		Bracket, Mounting - Bumper - Right
4	1506-563	1		Bracket, Mounting - Bumper - Left
5	8408-816	11		Screw, Cap
6	1506-855	1	/P	Bumper
7	1406-360	1		Grille, Bumper
8	0423-419	2		Screw, Machine
9	0423-101	16		Screw, Body
10	8428-002	2		Nut, Lock
11	1506-429	1	S	Brace, A-Arm
12	8409-025	2		Screw, Cap
13	2406-091	1		Panel, Belly
14	0406-289	2		Pad, Frame
15	8424-802	4		Nut, Flange
16	8409-016	4		Screw, Cap
17	1506-848	1		Footrest - Right
17	1506-849	1		Footrest - Left
18	2406-216	1		Strap, Footrest - Right
18	2406-217	1		Strap, Footrest - Left
19	1506-548	1		Channel, Shock Support

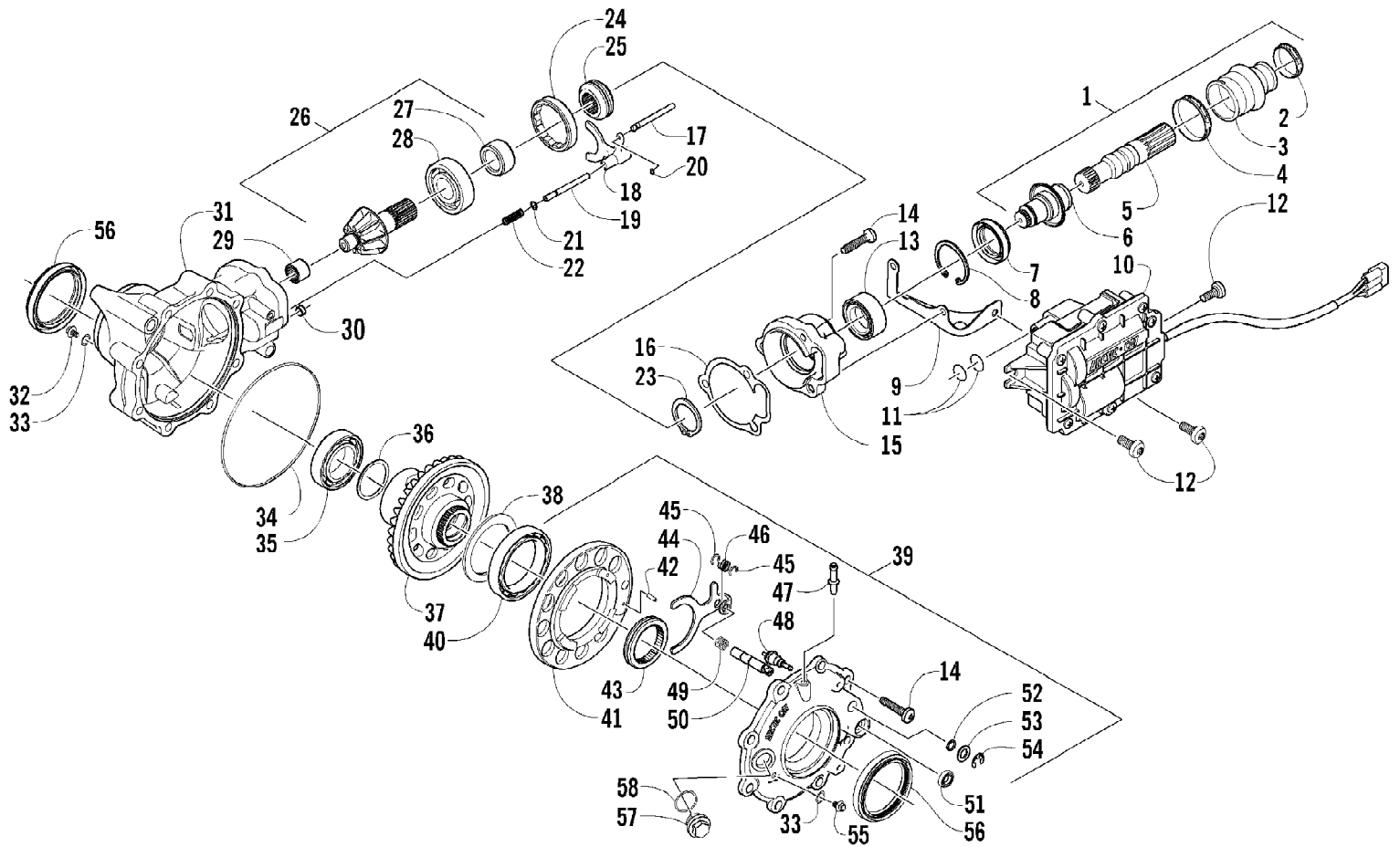
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 15 of 105  
FRONT BODY PANEL ASSEMBLY



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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	0423-669	4		Spacer
8	0423-465	4		Grommet
9	8432-802	4		Nut, Lock
10	0518-006	1	S	Panel, Fender - Front (inc. 29)
11	1406-358	1		Cover, Access
12	0423-535	2		Rivet, Reinstallable
13	0623-362	4		Rivet, Reinstallable
14	1406-484	1		Cover, Steering Post
15	0470-513	1		Cover, Storage Box
16	1406-573	1		Box, Storage
17	2506-234	1		Lid, Storage Box w/Latch (inc. 18-19)
18	1406-599	1		Latch, Storage Box
19	0470-514	1		Lid, Storage Box
20	2406-324	1		Panel, Side - Lower - Right
20	2406-325	1		Panel, Side - Lower - Left
20	2406-421	1	F	Panel, Side - Lower - Left
21	0423-678	8		Grommet
22	1406-354	1		Panel, Splash - Right
22	2506-383	1	/P	Panel, Splash - Left (inc.38)
23	0423-719	4		Screw, Self-Tapping
24	0423-101	5		Screw, Body
25	0123-788	AR	/P	Cable Tie - 7.5 in.
26	0423-654	2		Screw, Shoulder
27	8050-222	2	/P	Washer
28	0423-540	2		Nut, Lock
29	0411-818	1		Decal, Reflector - Front - Right
29	0411-819	1		Decal, Reflector - Front - Left
30	0509-034	1	S	Headlight Assembly - Right (inc. 31)
30	0509-035	1		Headlight Assembly - Left (inc. 31)
31	0409-055	4		Bulb, Headlight
32	0623-785	4		Screw, Self-Tapping
33	8050-217	8	/P	Washer
34	0423-447	4		Grommet
35	0423-514	2		Stud, Adjuster - Headlight
36	0423-522	2		Spring, Adjuster
37	0423-513	2		Knob, Adjuster
38	0412-404	1		Shield, Heat

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FRONT DRIVE GEARCASE ASSEMBLY



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FRONT DRIVE GEARCASE ASSEMBLY

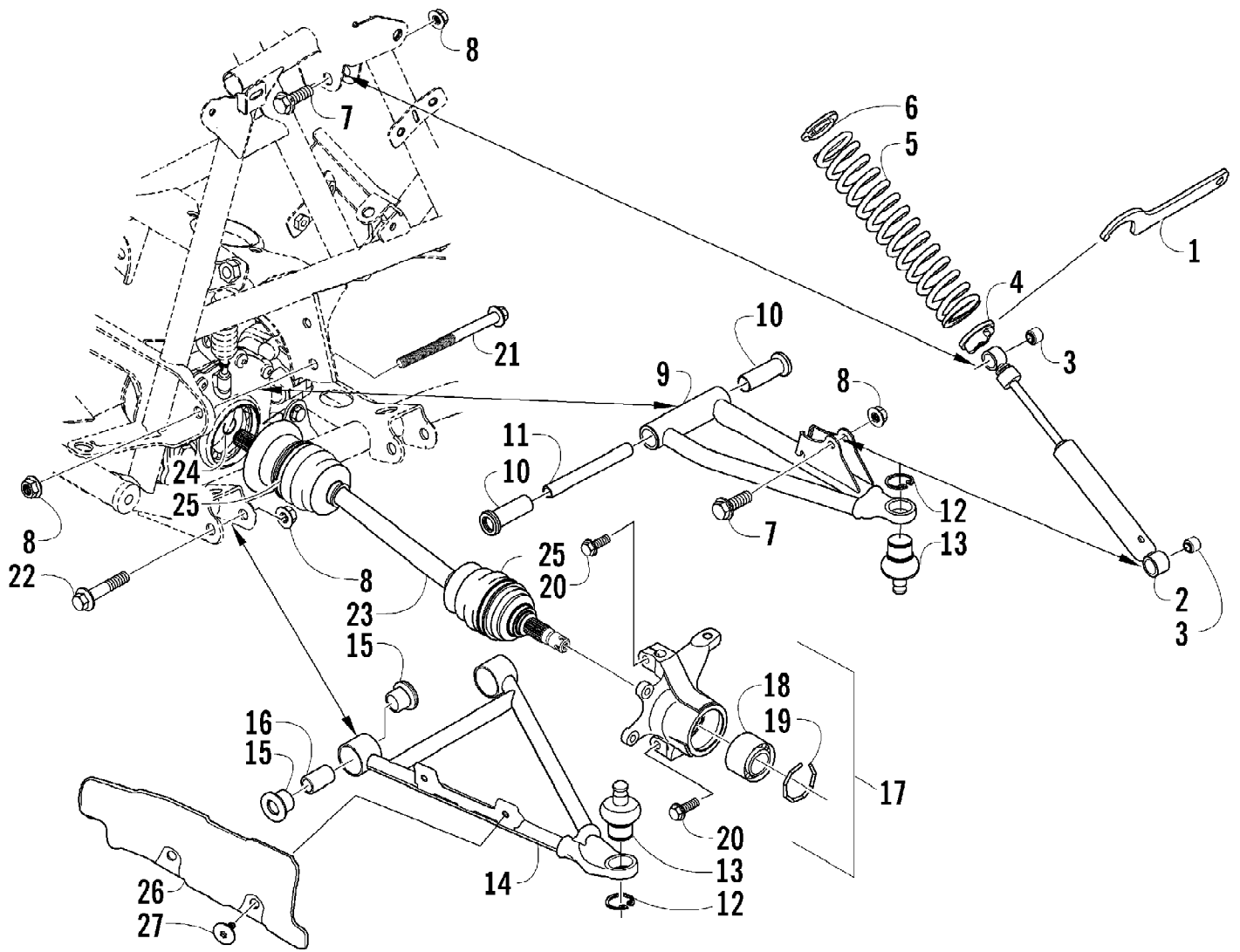
Ref #	Part Number	Qty	S/P/F	Description
	1502-089	1		Complete Front Gearcase Assembly
1	1502-083	1		Shaft, Propeller - Assembly (inc. 2-6)
2	0423-411	1		Clamp, Boot
3	0402-985	1	/P	Boot, Propeller Shaft
4	0423-393	1		Clamp, Boot
5	1402-045	1		Shaft, Output
6	1502-085	1	/P	Shaft, Input
7	1402-011	1		Seal
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	1502-097	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

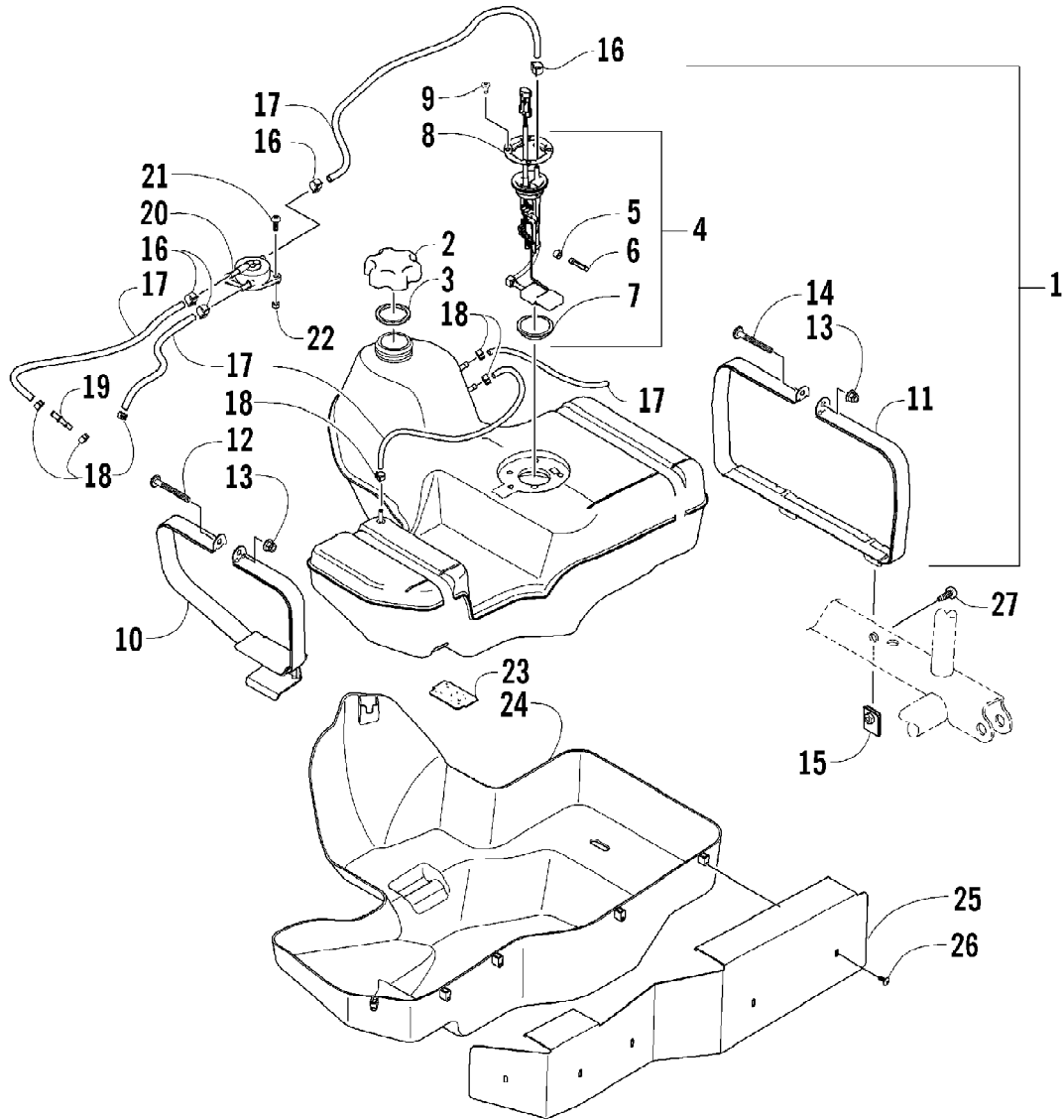
Ref #	Part Number	Qty	S/P/F	Description
43	1402-042	1		Collar, Sliding
44	1402-054	1		Fork
45	1402-058	2		Ring, Retaining
46	1402-057	1		Spring
47	1402-104	1		Fitting
48	0402-419	1		Switch, Indicator
49	1402-063	1		Spring
50	1402-055	1		Shaft, Lock
51	1402-056	1		Seal
52	0423-133	1		O-Ring
53	0423-132	1		Washer
54	0423-424	1		Ring, Retaining
55	1402-211	1		Plug, Oil Level (inc. one No. 33)
56	1402-441	2	S	Seal
57	0402-333	1	/P	Plug, Fill (inc. 58)
58	0423-154	1		O-Ring

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FRONT SUSPENSION ASSEMBLY



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FRONT SUSPENSION ASSEMBLY

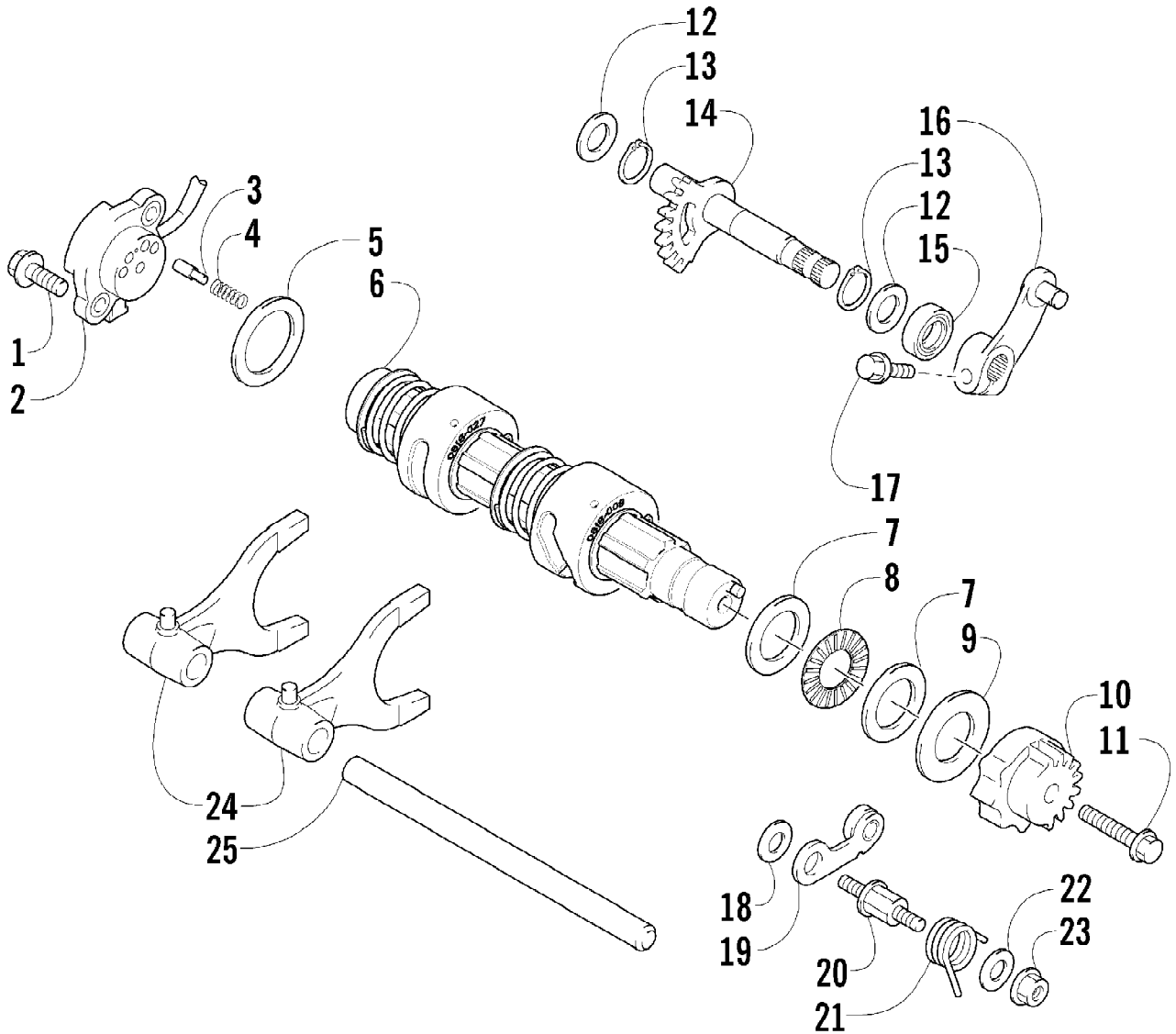
Ref #	Part Number	Qty	S/P/F	Description
1	0441-587	1		Wrench, Spanner
2	0403-176	2		Shock Absorber - Front (inc. 3)
3	0403-182	4		Bushing, Double-Bonded
4	0403-102	2		Cam, Spring Adjuster
5	0403-174	2		Spring, Shock Absorber
6	1603-889	2	/P	Retainer, Spring
7	8409-040	4		Screw, Cap
8	8428-002	10		Nut, 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	0503-342	1	S	A-Arm, Lower Right (inc. 12-13 and 15-16)
14	0503-343	1	S	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. 18-19)
17	0505-461	1	S	Knuckle - Assembly - Left (inc. 18-19)
18	1402-027	2	S/P	Bearing, Wheel Hub
19	0423-423	2		Ring, Retaining
20	8409-030	4		Screw, Cap
21	0423-334	2		Screw, Cap
22	8409-075	4		Screw, Cap
23	0502-812	1	S	Axle, Drive - Front - Right (inc. 24-25)
23	0502-813	1	S	Axle, Drive - Front - Left (inc. 24-25)
24	1441-109	2	S	Clip, Retaining
25	0436-276	2	S	Repair Kit, Boot
26	0441-752	1		Guard, Boot - Right
26	0441-753	1		Guard, Boot - Left
27	0423-545	4	/P	Screw, Body



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 53 of 105  
GAS TANK ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0570-148	1	S	Tank, Gas - Assembly w/Straps (inc. 2-14)
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	0470-639	1	/P	Plate, Mounting - Fuel Level Sensor
9	1623-158	4		Screw, Plastite
10	0570-168	1		Strap, Mounting - Gas Tank - Front
11	0570-169	1		Strap, Mounting - Gas Tank - Rear
12	8476-650	1		Screw, Machine
13	8427-602	2		Nut, Lock
14	8476-640	1		Screw, Machine
15	0470-536	2		Clip, Mounting - Gas Tank
16	0423-688	4		Clamp, Hose
17	0410-070	AR	/P	Hose, Gasline - 25 ft
18	0423-670	6		Clamp, Hose
19	0470-527	1	S	Fitting, Straight
20	0470-519	1	S	Pump, Fuel
21	8476-620	2		Screw, Machine
22	0623-038	2		Nut, Lock
23	0470-476	1		Pad, Gas Tank
24	0470-479	1		Shield, Gas Tank
25	0470-474	1		Shield, Heat
26	0623-797	5		Screw, Self-Tapping
27	0423-609	2		Screw, Shoulder

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 54 of 105  
GEAR SHIFTING ASSEMBLY



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GEAR SHIFTING ASSEMBLY

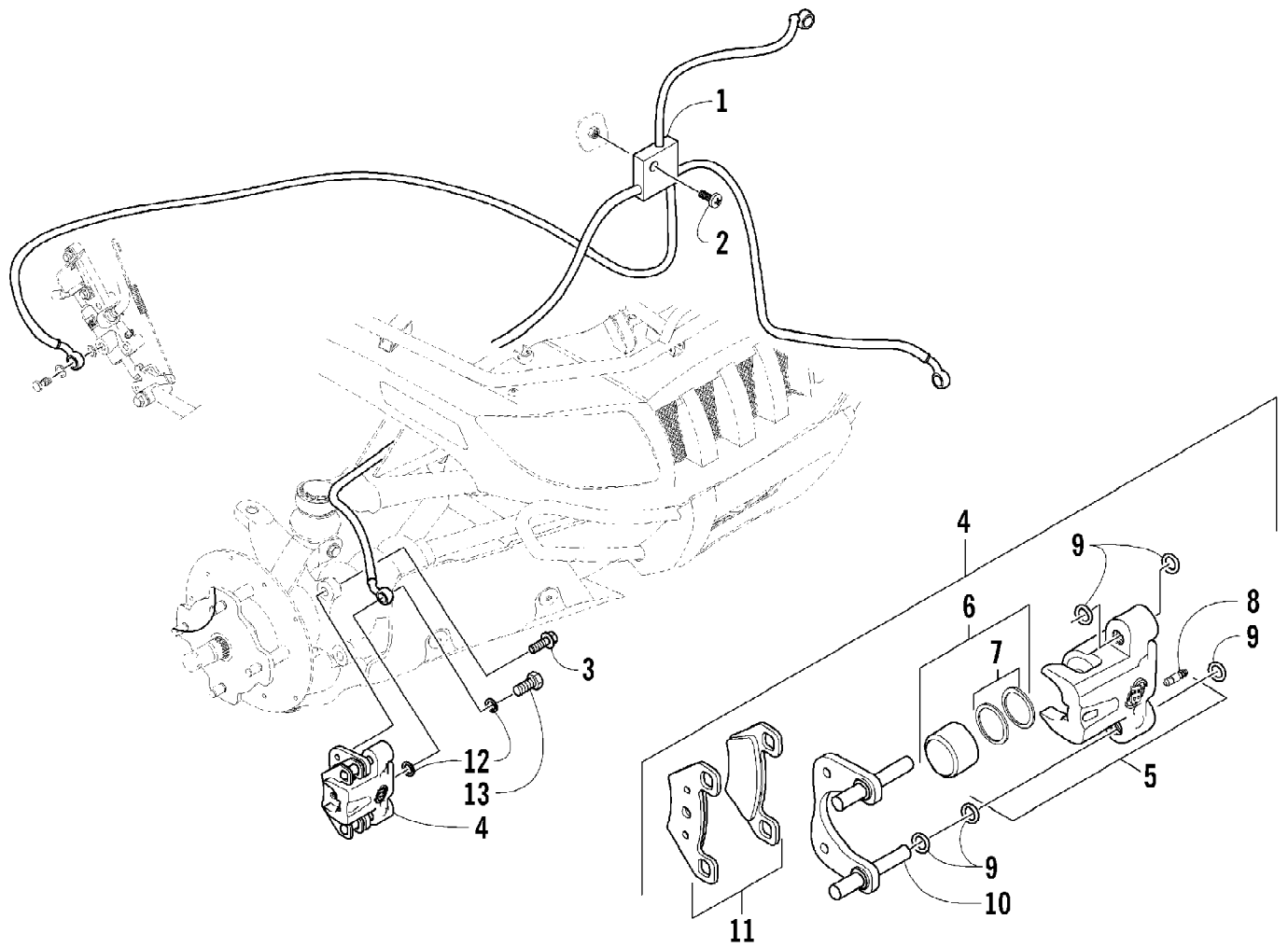
Ref #	Part Number	Qty	S/P/F	Description
1	8470-520	2		Screw, Machine
2	0818-049	1	S	Base, Gear Shift Position
3	0818-013	2		Contact
4	0818-017	2		Spring
5	0828-040	1		Washer, Shift Shaft
6	0818-046	1		Shaft, Gear Shift - Assembly
7	0828-067	2		Washer, Shift Shaft
8	0832-034	1	S	Bearing
9	0828-037	1		Washer, Gear Shift Cam Plate
10	0818-005	1	S	Plate, Gear Shift Cam
11	0826-006	1		Bolt, Gear Shift Cam Plate
12	0828-036	2		Washer, Sub-Gear Shift Shaft
13	0831-010	2		Circlip, Sub-Gear Shift Shaft
14	0818-007	1	/P	Shaft, Sub-Gear Shift
15	0830-044	1		Seal, Sub-Gear Shift Shaft
16	0818-014	1		Arm, Shift
17	8468-620	1	/P	Screw, Machine
18	0828-038	1		Washer, Cam Stopper
19	0818-002	1		Stopper, Cam
20	0818-004	1		Support, Cam Stopper
21	0818-028	1		Spring, Cam Stopper
22	0828-035	1		Washer, Cam Stopper Spring
23	8424-602	1	/P	Nut, Cam Stopper Spring
24	0818-072	2	/P	Fork, Shift
25	0818-006	1		Shaft, Shift Fork





2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 57 of 105  
HANDLEBAR ASSEMBLY

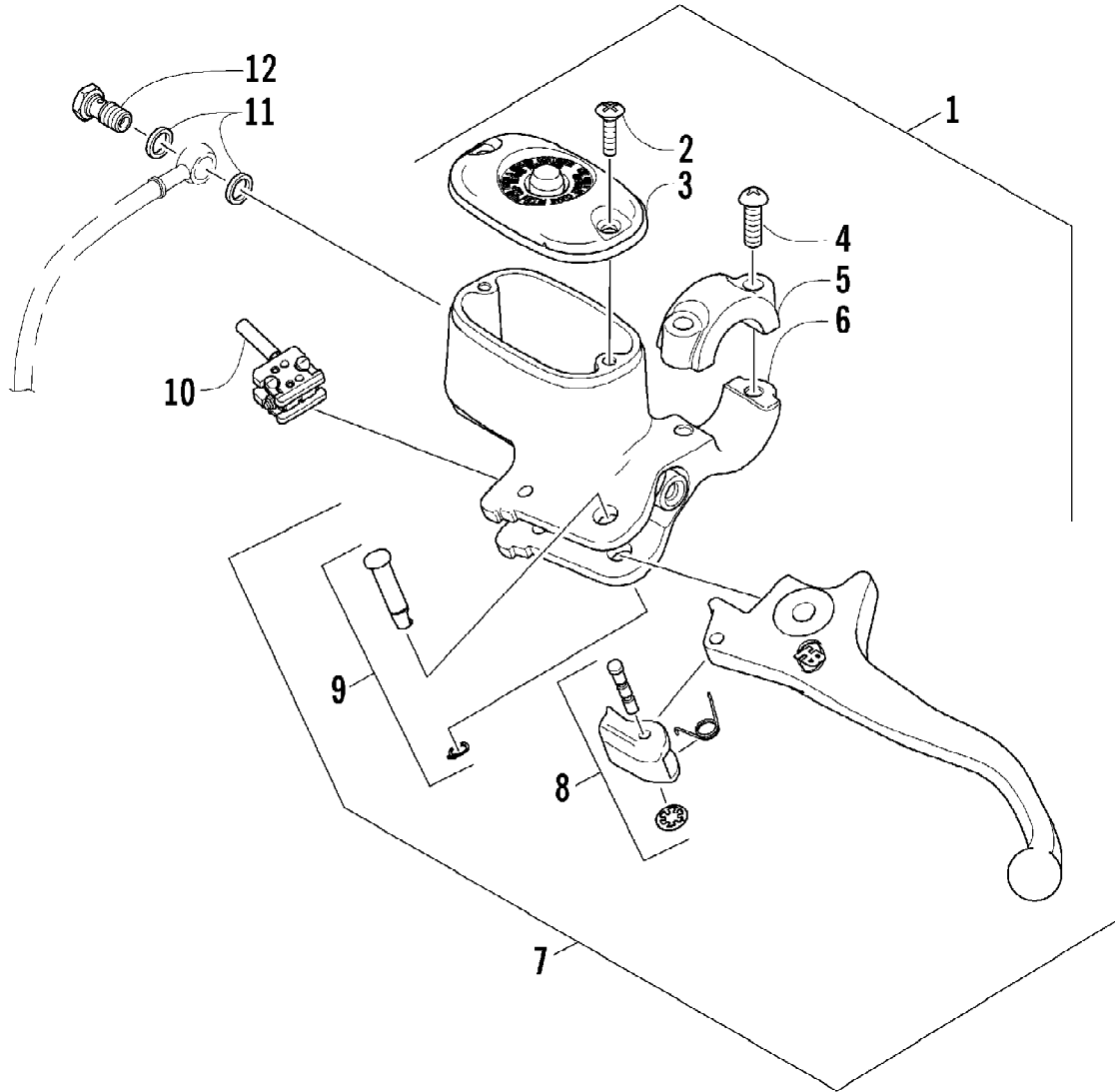
Ref #	Part Number	Qty	S/P/F	Description
1	0505-476	1		Tube, Handlebar
1	0505-476	1		Tube, Handlebar
2	0405-218	2		Plug, Handlebar
2	0405-218	2		Plug, Handlebar
3	0405-149	2		End Cap, Handlebar
3	0405-149	2		End Cap, Handlebar
4	8050-247	2	/P	Washer
4	8050-247	2	/P	Washer
5	8477-845	2		Screw, Machine
5	8477-845	2		Screw, Machine
6	0405-147	2		Grip, Handlebar
6	0405-147	2		Grip, Handlebar
7	0409-013	1		Cover, Key
7	0409-013	1		Cover, Key
8	0430-036	1		Switch, Ignition - Assembly (inc. 9)
8	0430-036	1		Switch, Ignition - Assembly (inc. 9)
9	3409-007	1	/P	Key, Ignition - Blank (C Series)
9	3409-007	1	/P	Key, Ignition - Blank (C Series)
9	3409-011	1		Key, Ignition - Blank (D Series)
9	3409-011	1		Key, Ignition - Blank (D Series)
9	3409-012	1		Key, Ignition - Blank (E Series)
9	3409-012	1		Key, Ignition - Blank (E Series)
9	3409-013	1		Key, Ignition - Blank (F Series)
9	3409-013	1		Key, Ignition - Blank (F Series)
10	1506-578	1		Bracket, Mounting - Instrument Pod
10	1506-578	1		Bracket, Mounting - Instrument Pod
11	0405-188	1		Instrument Pod
11	0405-188	1		Instrument Pod
12	0423-535	2		Rivet, Reinstallable
12	0423-535	2		Rivet, Reinstallable
13	0520-022	1		Gauge, LCD
13	0520-022	1		Gauge, LCD
14	0420-065	1	/P	Clamp, Plastic
14	0420-065	1	/P	Clamp, Plastic
15	0423-493	2		Nut, w/Washer
15	0423-493	2		Nut, w/Washer
16	0502-527	1		Control, Differential Lock (inc. 17)
16	0502-527	1		Control, Differential Lock (inc. 17)
17	0502-613	1		Clamp, Differential Lock Control - Kit
17	0502-613	1		Clamp, Differential Lock Control - Kit
18	0487-030	1	S	Cable, Differential Lock
18	0487-030	1	S	Cable, Differential Lock
19	0641-897	1	/P	Outlet, Accessory - 12V
19	0641-897	1	/P	Outlet, Accessory - 12V



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 59 of 105  
HYDRAULIC BRAKE ASSEMBLY

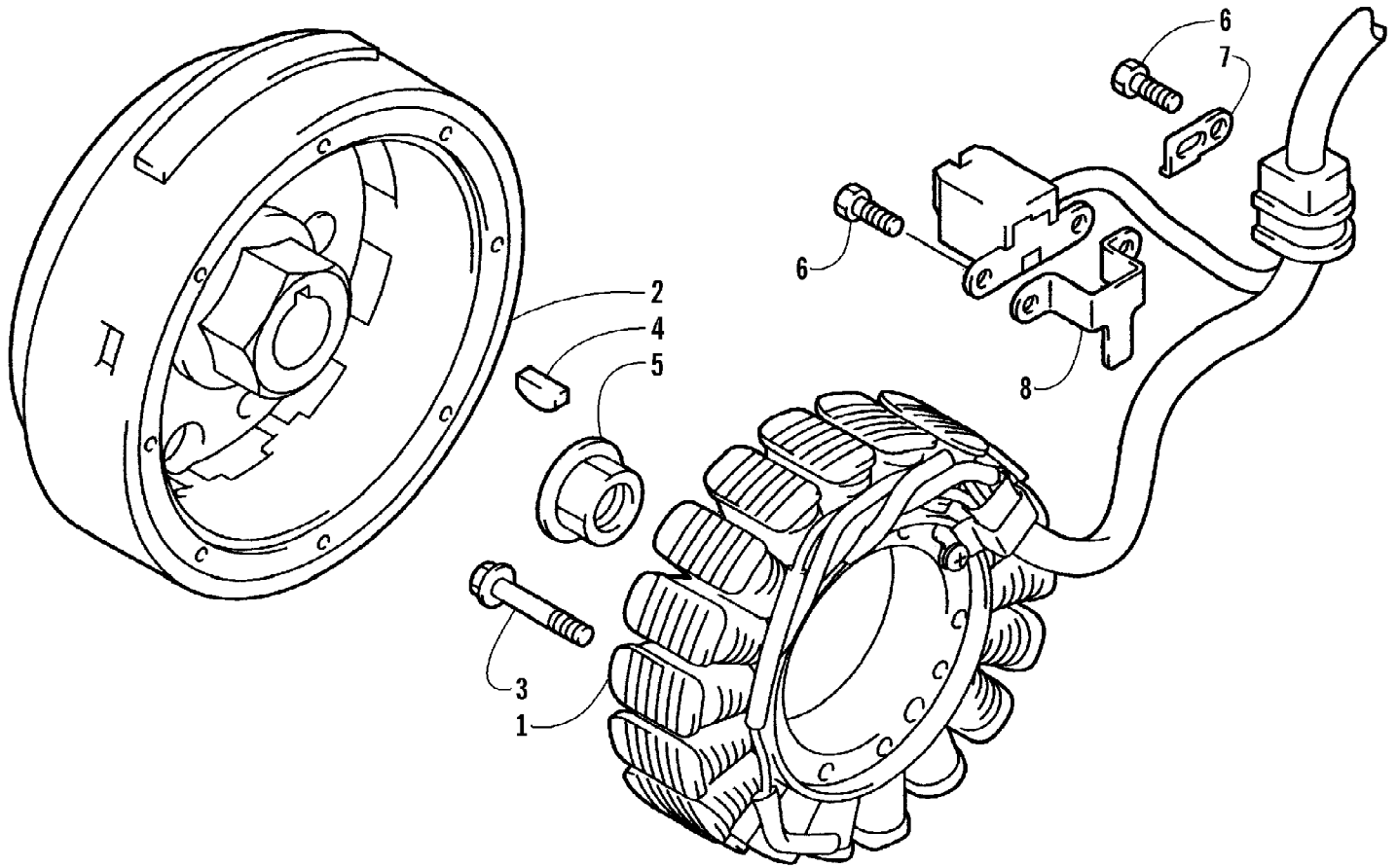
Ref #	Part Number	Qty	S/P/F	Description
1	1502-015	1		Hose, Brake - Assembly
2	8476-625	1		Screw, Cap
3	1623-589	4	S	Screw, Cap
4	0502-878	1	S	Caliper, Brake - Right Front (inc. 5-11)
4	0502-879	1	S	Caliper, Brake - Left Front (inc. 5-11)
5	0502-603	1	S	Housing, Caliper - Assembly - Right Front (inc. 6-8)
5	0502-611	1	S	Housing, Caliper - Assembly - Left Front (inc. 6-8)
6	0502-606	2		Piston/Seal Set (inc. 7)
7	0502-607	2		Seal Set
8	0502-609	2	/P	Valve, Bleed
9	0502-608	2		O-Ring, Guide - Set
10	0502-605	2		Bracket Assembly
11	0502-875	2	S	Pad, Brake - Set
12	0423-178	4		Washer, Crush
13	0423-413	2		Bolt, Banjo-Fitting

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 60 of 105  
HYDRAULIC HAND BRAKE ASSEMBLY



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 1 of 105  
HYDRAULIC HAND BRAKE ASSEMBLY

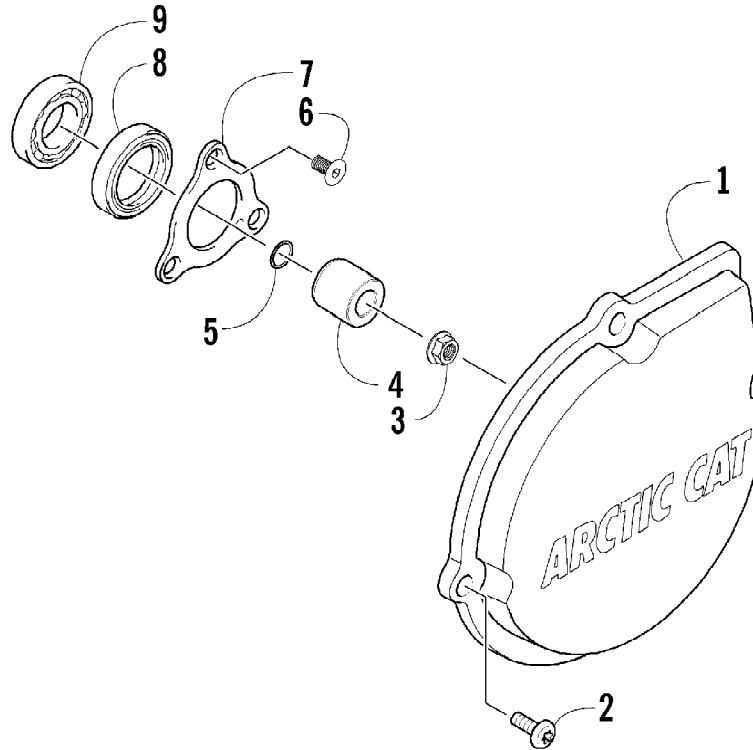
Ref #	Part Number	Qty	S/P/F	Description
1	0502-914	1	S	Brake Assembly (inc. 2-10)
2	0502-566	1		Screw, Reservoir Cover
3	0502-868	1	/P	Cover, Reservoir
4	0502-568	1		Screw, Master Cylinder Clamp
5	0502-869	1		Clamp, Master Cylinder
6	0502-704	1		Master Cylinder Assembly
7	0502-866	1		Lever Assembly (inc. 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



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4B) Page 3 of 105  
MAGNETO ASSEMBLY

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

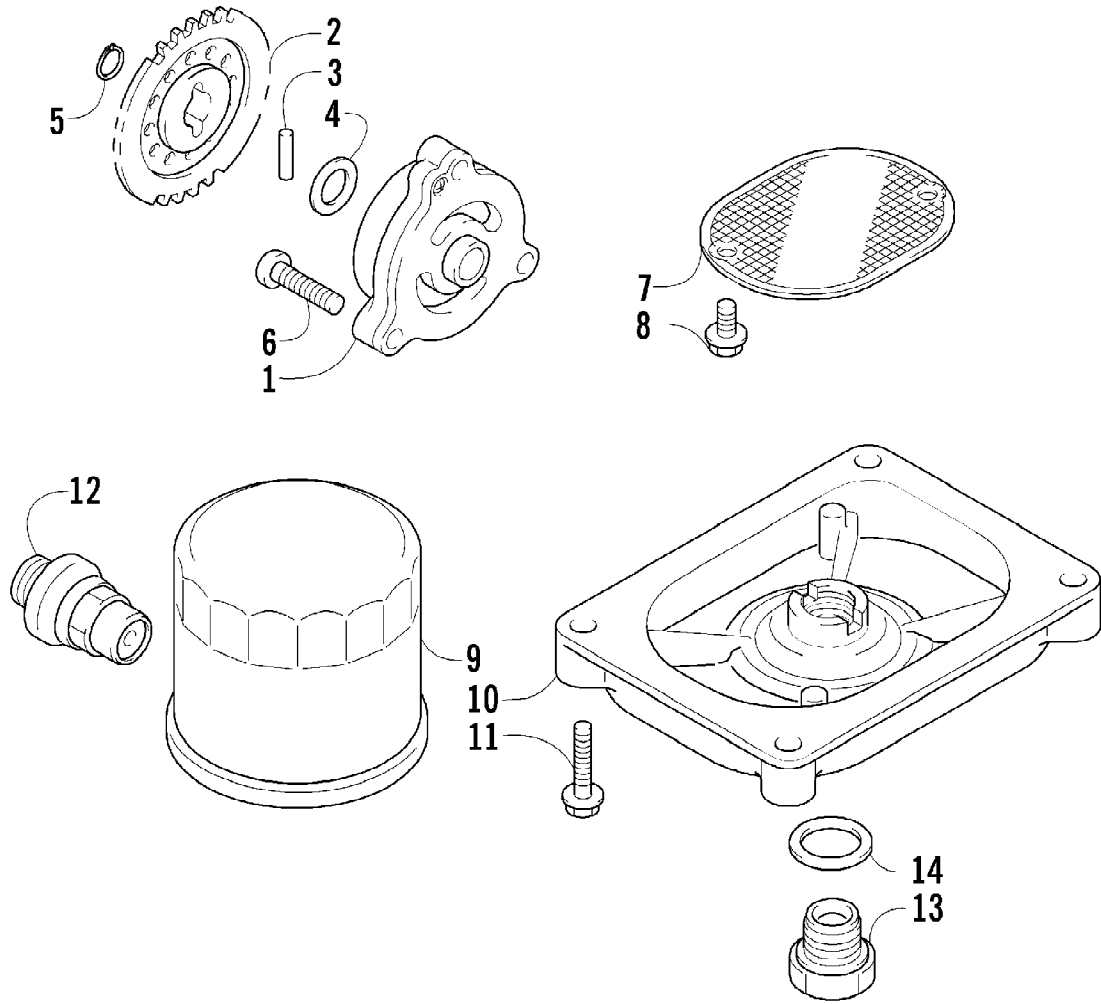
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 4 of 105  
MAGNETO ASSEMBLY (VIN: 4UF07ATV07T244421 and above)





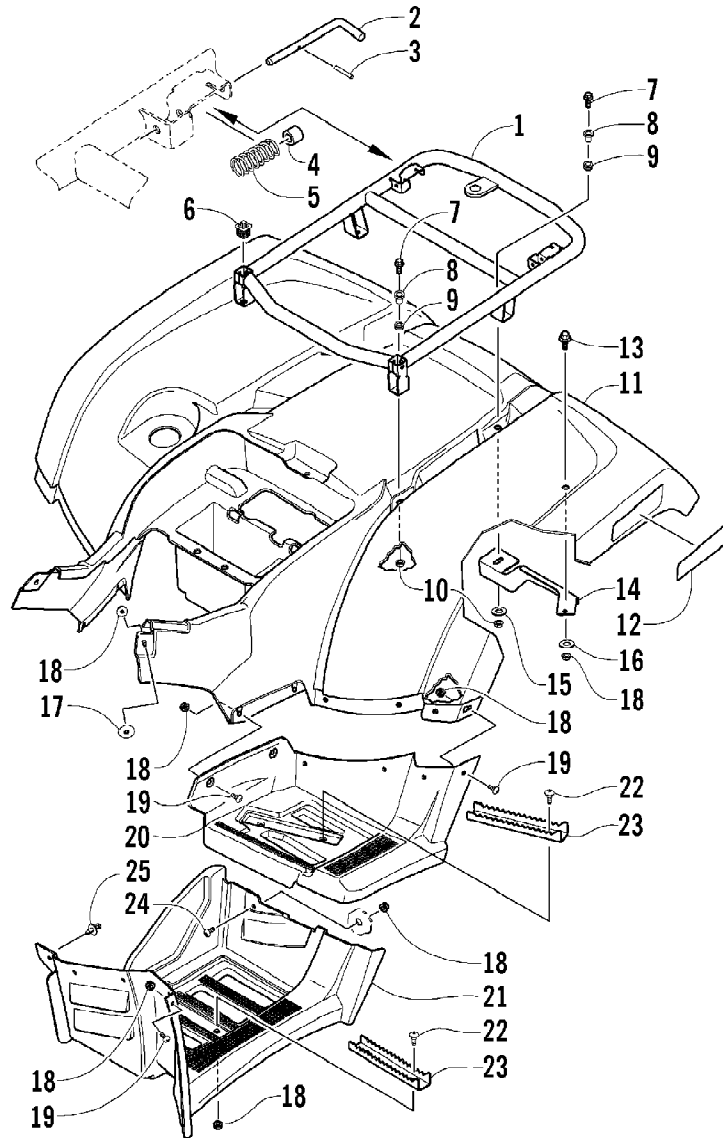
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4BUSA) Page 5 of 105  
 MAGNETO ASSEMBLY (VIN: 4UF07ATV07T244421 and above)

Ref #	Part Number	Qty	S/P/F	Description
1	0802-062	1		Cover, Magneto
2	0826-008	4		Screw, Machine
3	0827-008	1		Nut
4	0820-061	1		Spacer
5	0830-108	1		O-Ring
6	0826-031	3		Screw
7	0805-008	1		Retainer, Oil Seal
8	0830-158	1		Seal, Oil
9	0832-045	1	S	Bearing



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 6 of 105  
OIL FILTER/PUMP ASSEMBLY

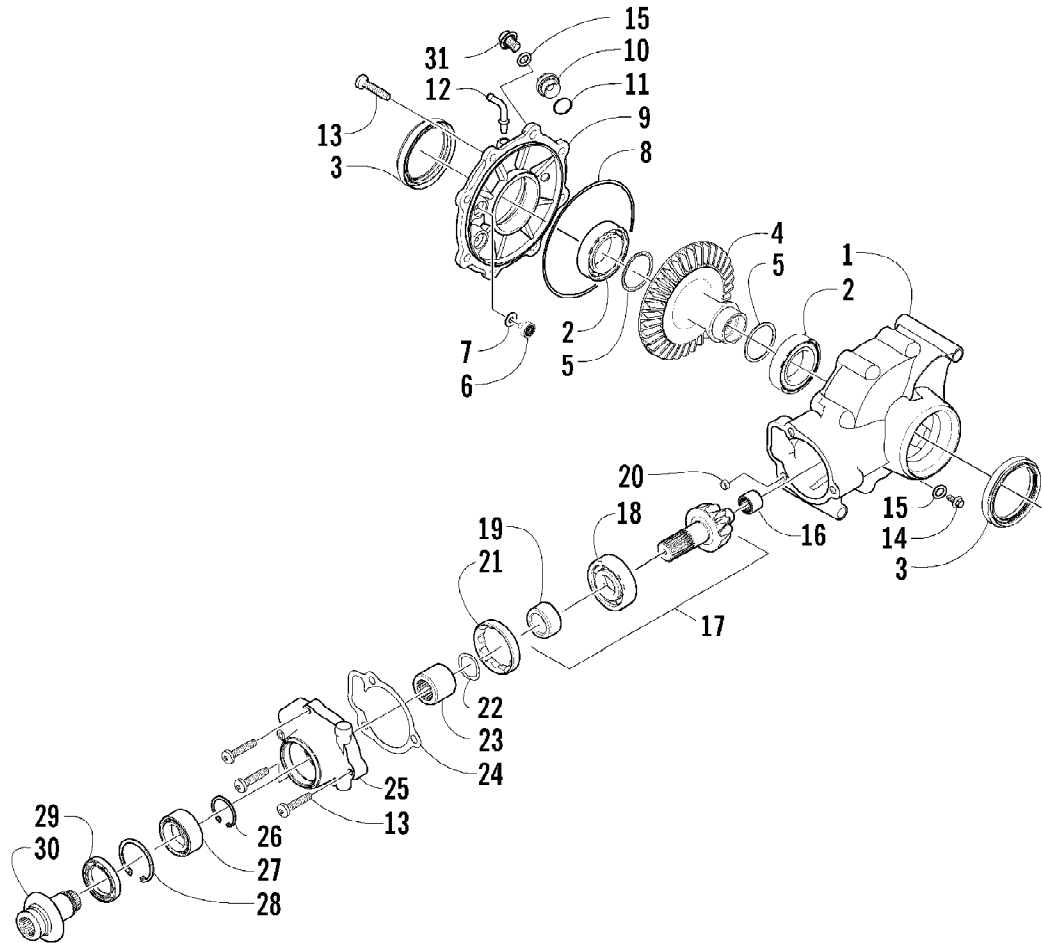
Ref #	Part Number	Qty	S/P/F	Description
1	0812-023	1		Pump, Oil
2	0812-002	1	S	Gear, Driven
3	0829-009	1		Pin
4	0828-007	1	/P	Washer
5	0831-002	1		Circlip
6	0826-039	3		Screw, Cap
7	0812-003	1	S	Strainer, Oil
8	0826-040	2		Screw, Machine
9	0812-029	1	S	Filter, Oil
10	0812-053	1		Cap, Oil Strainer
11	8468-625	4		Screw, Machine
12	0812-007	1		Valve, Oil-Relief - Assembly
13	0812-006	1		Plug, Drain
14	0830-017	1		Gasket, Drain Plug



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 9 of 105  
REAR BODY PANEL ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	2506-221	1	/P	Rack, Rear - Assembly (inc. 2-6)
2	0541-504	2		Pin - Assembly (inc. 3)
3	0423-635	2		Pin, Roll
4	0423-677	2		Collar
5	0423-636	2		Spring
6	0441-592	4	/P	Bushing, Rack
7	8410-835	4		Screw, Machine
8	0423-669	4		Spacer
9	0423-465	4		Grommet
10	8432-802	4		Nut, Lock
11	2506-348	1	S	Panel, Fender (inc. 12)
12	0411-820	1	S	Decal, Reflector - Right
12	0411-821	1	S	Decal, Reflector - Left
13	0423-654	2		Screw, Shoulder
14	2506-092	1		Bracket, Rear Fender - Right
14	2506-093	1		Bracket, Rear Fender - Left
15	0423-087	2		Washer
16	8050-222	2	/P	Washer
17	0423-101	2		Screw, Body
18	0423-540	36		Nut, Lock
19	0423-419	22		Screw, Machine
20	2406-042	1		Footwell, Rear - Right
20	2406-043	1		Footwell, Rear - Left
21	1506-813	1		Footwell - Right
21	2406-471	1	/P	Footwell - Left
22	0423-355	8		Screw, Shoulder
23	1506-125	4	/P	Footpeg
24	8477-620	2		Screw, Machine
25	0623-362	2		Rivet, Reinstallable

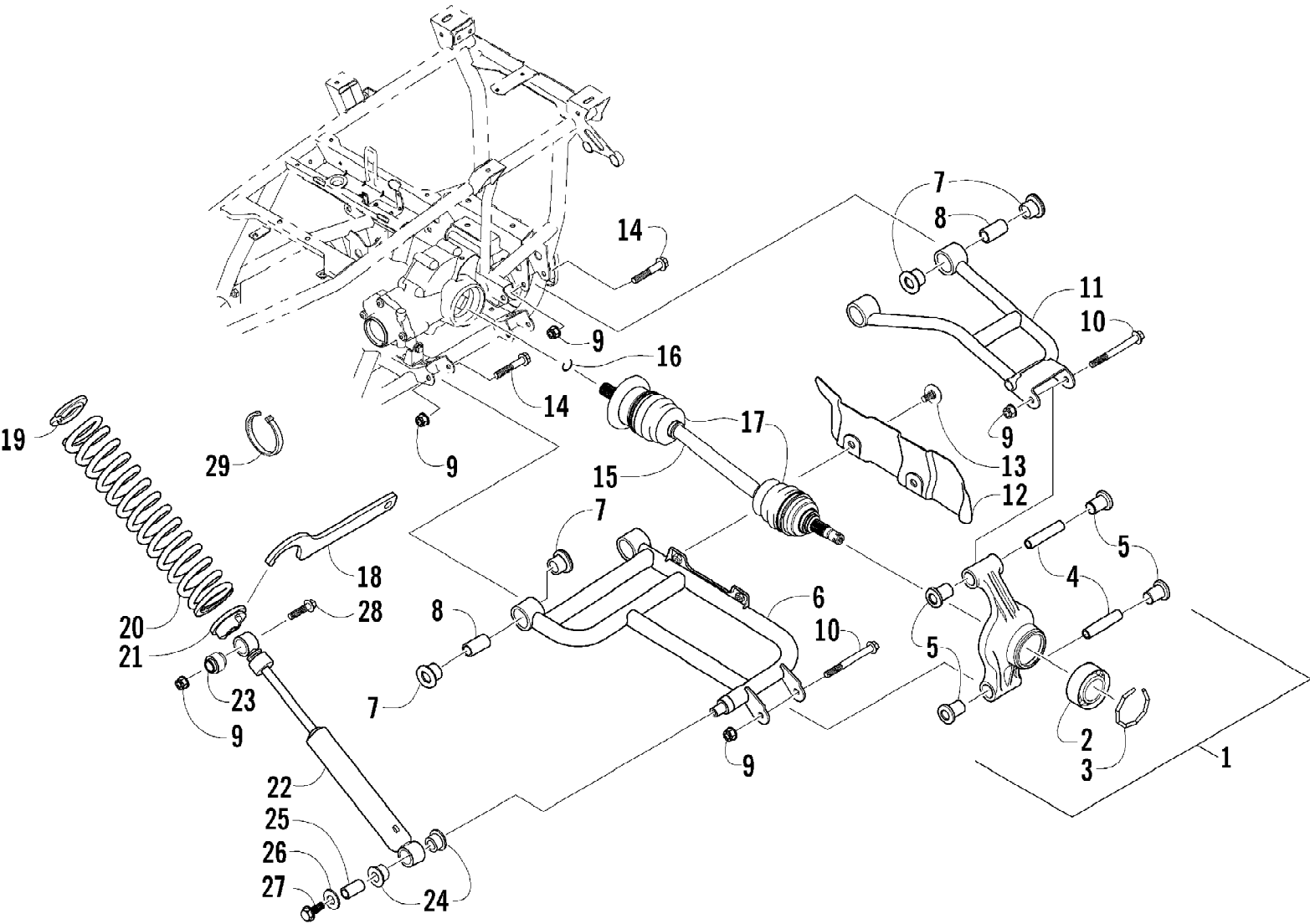
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 70 of 105  
REAR DRIVE GEARCASE ASSEMBLY



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REAR DRIVE GEARCASE ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
	1502-079	1	S	Complete Rear Gearcase Assembly
1	0502-622	1		Housing, Gearcase
2	0402-393	2		Bearing
3	1402-441	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	1502-082	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. one No. 15)
15	0423-153	2		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, Spring
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	1502-085	1	/P	Shaft, Input
31	1402-211	1		Plug, Oil Level (inc. one No. 15)

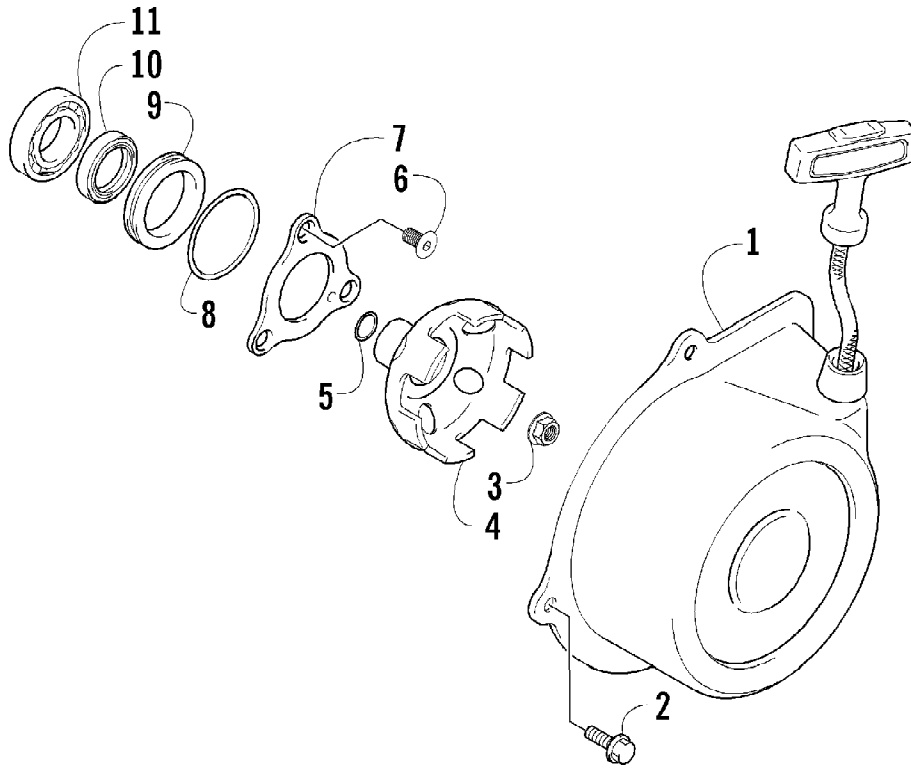
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 2 of 105  
REAR SUSPENSION ASSEMBLY





2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 73 of 105  
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	0504-440	1	S	A-Arm, Rear - Lower Right (inc. 7-8)
6	0504-441	1	S	A-Arm, Rear - Lower Left (inc. 7-8)
7	0403-115	16	S	Bushing
8	0403-114	8	S	Collar
9	0423-744	14		Nut, Lock
10	8409-000	4		Screw, Cap
11	0504-476	1		A-Arm, Rear - Upper Right (inc. 7-8)
11	0504-477	1		A-Arm, Rear - Upper Left (inc. 7-8)
12	0441-754	1		Guard, Boot - Right
12	0441-755	1		Guard, Boot - Left
13	0423-545	4	/P	Screw, Body
14	8409-075	8		Screw, Cap
15	0502-811	2	S	Axle, Drive - Rear (inc. 16-17)
16	0441-893	2	S	Clip, Retaining
17	0436-276	2	S	Repair Kit, Boot
18	0441-587	1		Wrench, Spanner
19	1603-889	2	/P	Retainer, Spring
20	0404-145	2		Spring, Suspension
21	0404-057	2		Cam, Spring Adjuster
22	0404-147	2		Shock Absorber - Rear (inc. 23-25)
23	0403-182	2		Bushing, Double-Bonded
24	0603-955	4		Bushing, Shock Absorber
25	1603-219	2	S	Sleeve, Shock Absorber
26	0423-087	2		Washer
27	8408-820	2	/P	Screw, Cap
28	8409-050	2		Screw, Cap
29	0123-788	2	/P	Cable Tie



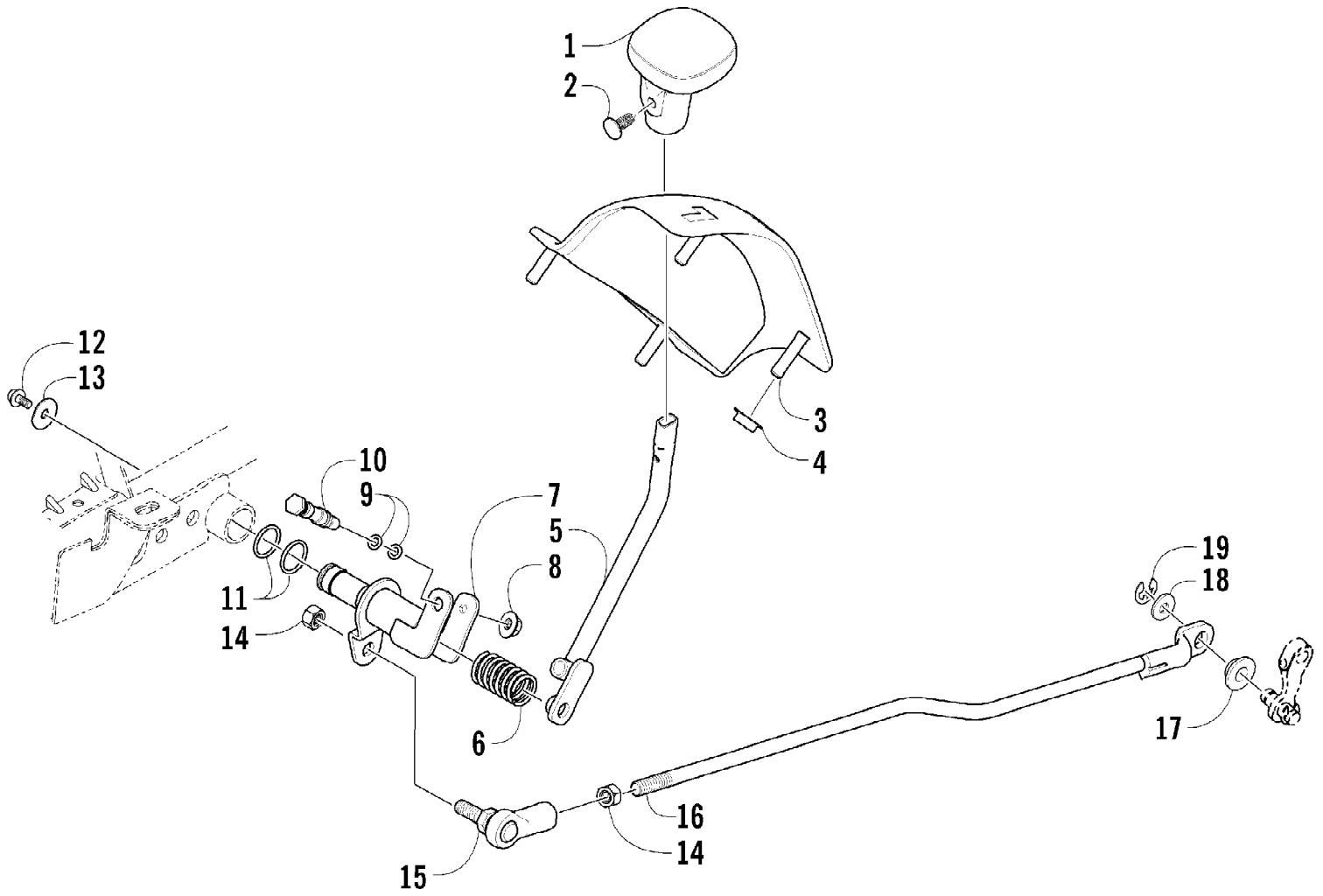
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4P1SR75 of 105)  
RECOIL STARTER ASSEMBLY (Up to VIN: 4UF07ATV07T244421)

Ref #	Part Number	Qty	S/P/F	Description
1	0820-001	1		Starter, Recoil - Assembly
2	0826-038	4		Screw, Machine
3	0827-008	1		Nut
4	0820-036	1	S	Cup, Starter
5	0830-108	1		O-Ring
6	0826-031	3		Screw
7	0805-008	1		Retainer, Oil Seal
8	0830-021	1	/P	O-Ring
9	0820-007	1		Spacer
10	0830-022	1		Seal, Oil
11	0832-006	1	S	Bearing

No  
Diagram  
Available  
  
Parts List  
Only

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 7 of 105  
 RELATED ITEMS

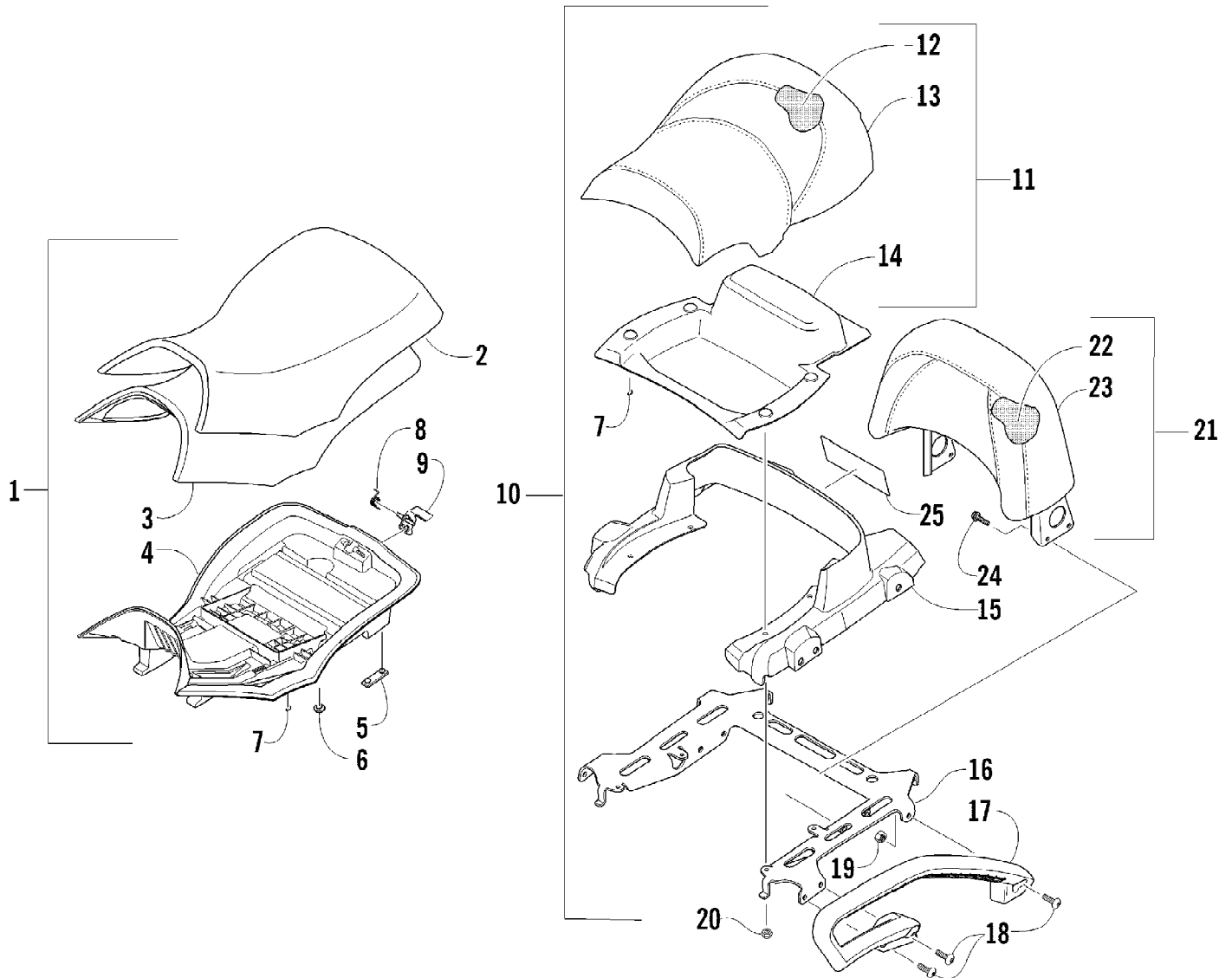
Ref #	Part Number	Qty	S/P/F	Description
	0436-925	1	S	Bag, Rack, Front, Black
	0436-480	1		Bar, Utility
	0436-619	1		Brush Guard/Bumper - Deluxe
	0436-757	1	/P	Bumper - Rear
	0436-827	1		Cargo Box
	0436-460	1		Carryall (11 x 17)
	0436-462	1		Carryall (10 D)
	0436-477	1		Cord Reel
	0436-726	1	S	Cover, Trailerable
	0436-087	1	/P	Electrical Plug
	0436-035	1	S	Engine Block Heater
	0436-466	1		Fender Box
	0436-538	1		Gear Cradle
	0436-501	1	S	Grease, High-Performance
	0436-464	1		Grill Cradle
	0436-828	1		Gun Holder
	0436-352	1		Hand/Thumb Warmers
	0436-463	1		Light Bar
	0436-516	1		Light Mount, Portable - Cargo Box
	0436-040	1	/P	Light, Portable - Spotlight
	0436-039	1	/P	Light, Portable - Work
	0436-774	1	S	Lunch Pack, Black
	2257-689	1		Manual, Illustrated Parts
	2257-613	1		Manual, Operator's (E)
	2257-614	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
	0436-965	1	S	Saddlebags
	0436-026	1		Tire Chains, Size B (24 in. and 25 in. Tires)
	0436-027	1		Tire Chains, Size C (25 in. and 26 in. Tires)
	1402-028	1		Tire, Titan AT589 (25x8-12, Mud & Snow)
	0402-563	1		Tire, Titan AT589 (25x10-12, Mud & Snow)
	0436-656	1		Winch Accessories Kit
	0436-655	1		Winch Kit, 2500 lb
	0436-703	1		Windshield, Clear
	0436-623	1		Windshield, Clear w/Accent
	0436-470	1		Workbase (8 in.)



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REVERSE SHIFT LEVER ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0402-843	1	/P	Knob, Reverse Shift Lever
2	0423-345	1		Clip, Push
3	1402-576	1		Plate, Shift
4	0423-357	4		Nut, Stamped
5	0502-659	1		Lever, Reverse Shift
6	0502-410	1	S	Spring, Reverse Shift Lever
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	0502-989	1	/P	Linkage, Shift
17	0423-091	1		Bushing, Shift Linkage
18	8050-242	1		Washer
19	0423-169	1	/P	E-Ring

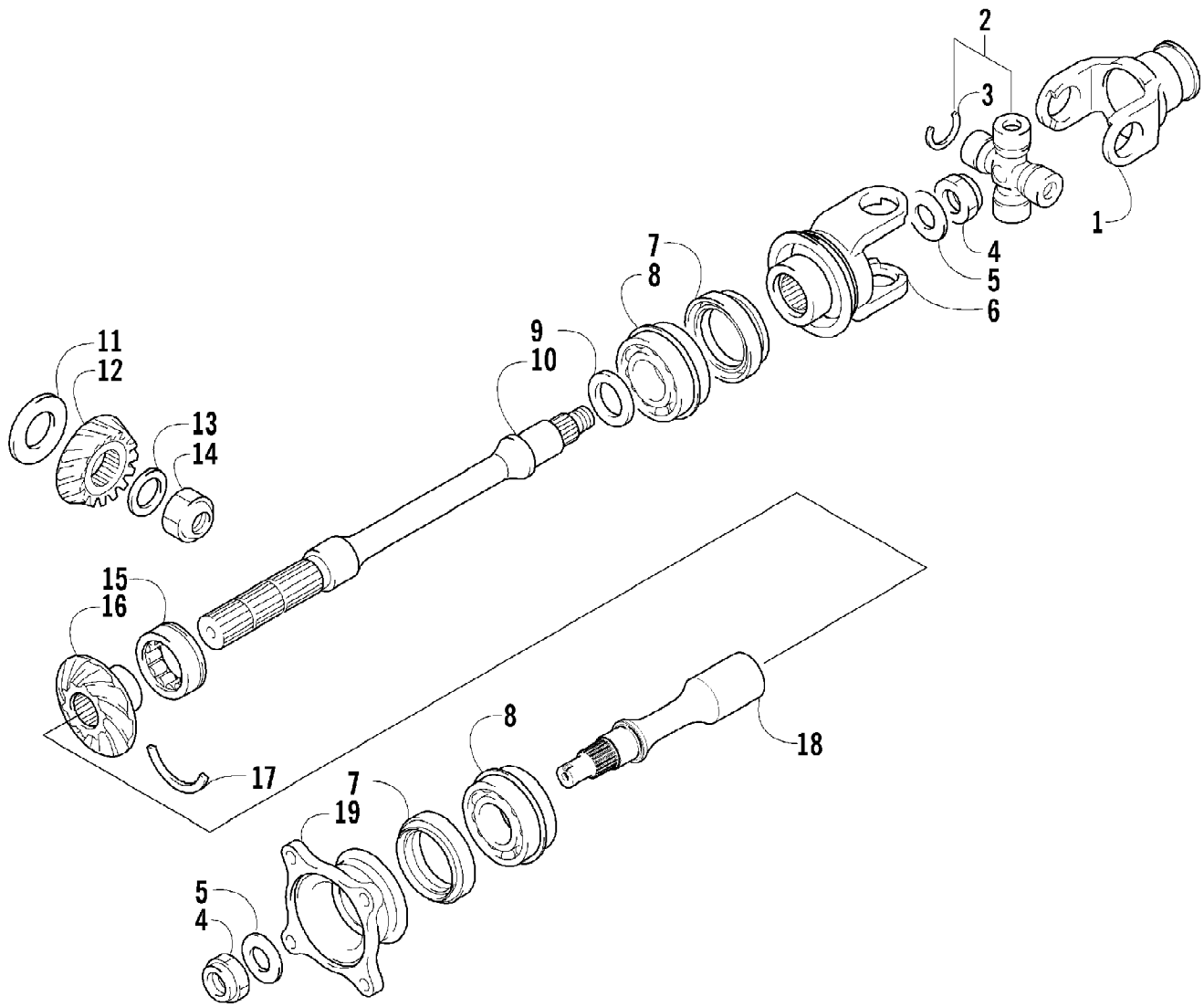
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 80 of 105  
SEAT AND BACKREST ASSEMBLY





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SEAT AND BACKREST ASSEMBLY

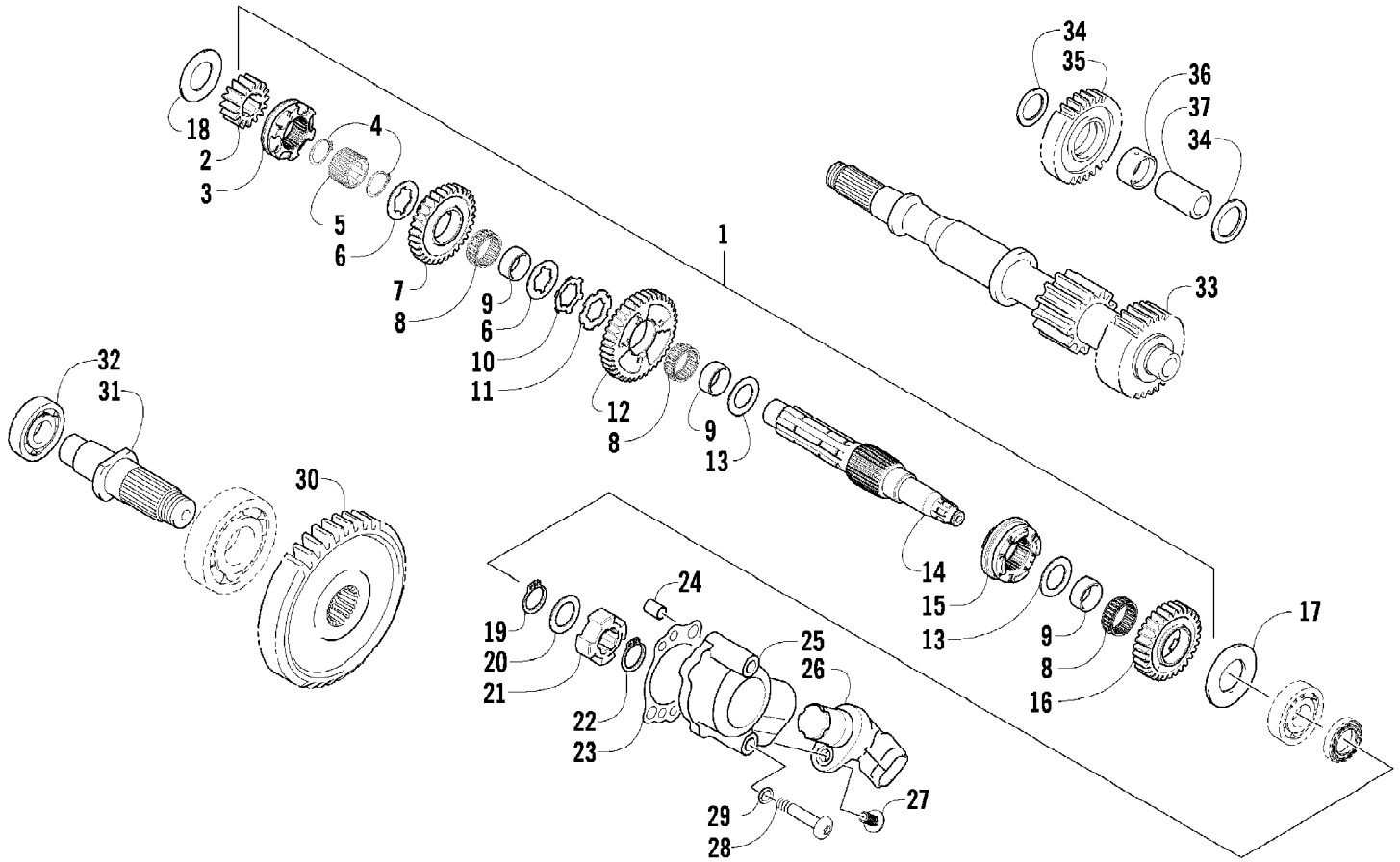
Ref #	Part Number	Qty	S/P/F	Description
1	1506-937	1	S/P	Seat Assembly (inc. 2-9)
2	1506-209	1		Cover, Seat
3	1506-208	1		Foam, Seat
4	2406-144	1	S/P	Base, Seat - Assembly (inc. 5-6)
5	0406-879	2		Bumper, Seat - Rear
6	0406-877	4	/P	Bumper, Seat - Front
7	0624-100	AR		Staple
8	1406-592	1	/P	Spring, Seat 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"



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 3 of 105  
SECONDARY DRIVE ASSEMBLY

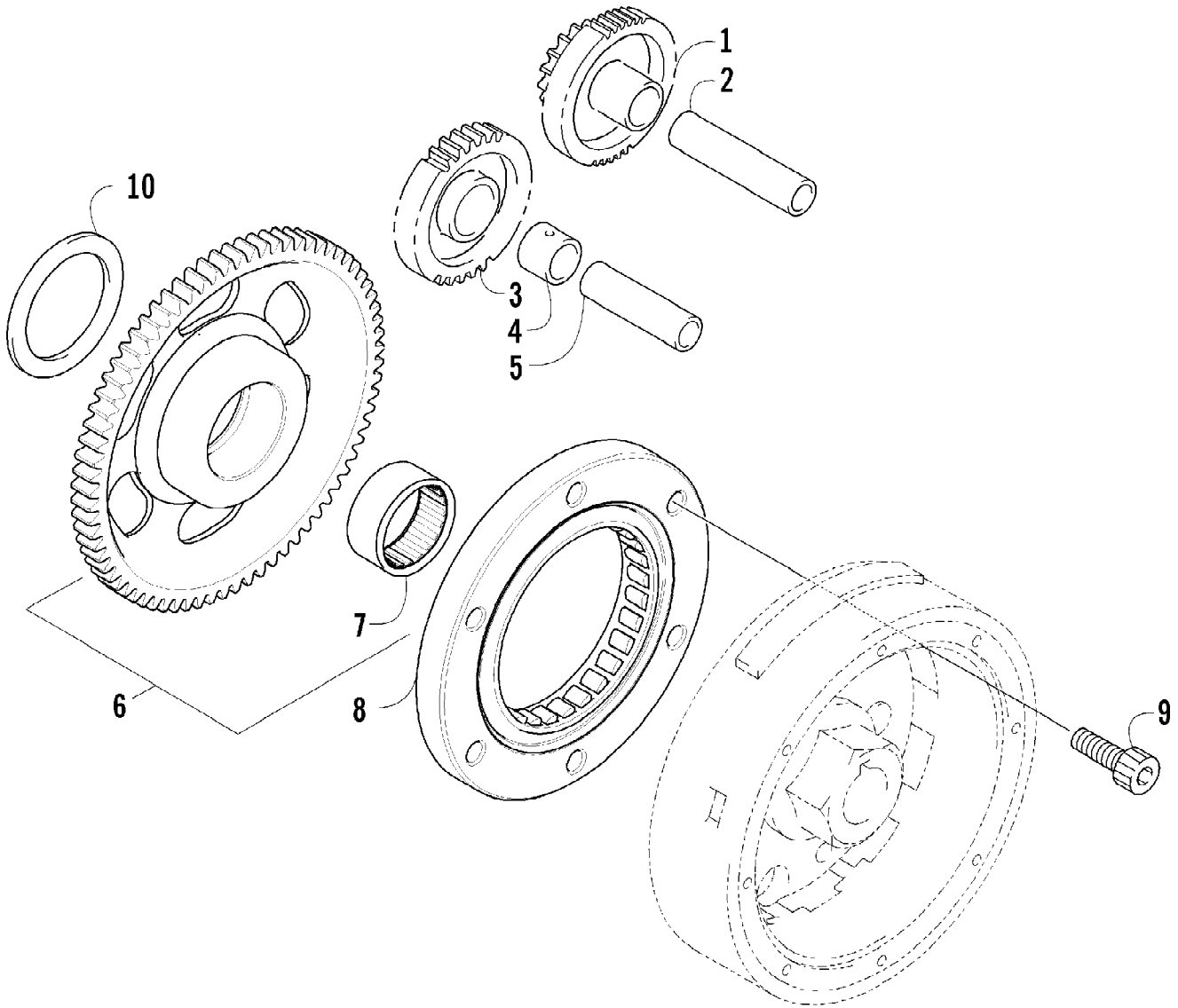
Ref #	Part Number	Qty	S/P/F	Description
1	0819-063	1		Yoke, Propeller Shaft Joint
2	1402-463	1	S	Joint, Universal - Set (inc. 3)
3	0423-450	4		Circlip
4	0827-013	2		Nut, Rear Output Joint
5	0828-020	2		Washer, Rear Output Flange
6	0819-061	1		Yoke, Drive Output - Front
7	0830-043	2		Seal, Oil - Driven Shaft
8	0832-017	2		Bearing, Driven Shaft
9	0828-021	AR		Shim, 25 x 34 x 0.25 mm
9	0828-022	AR		Shim, 25 x 34 x 0.30 mm
9	0828-023	AR		Shim, 25 x 34 x 0.70 mm
9	0828-024	AR		Shim, 25 x 34 x 0.90 mm
9	0828-025	AR		Shim, 25 x 34 x 0.95 mm
9	0828-026	AR		Shim, 25 x 34 x 1.00 mm
9	0828-027	AR		Shim, 25 x 34 x 1.05 mm
9	0828-028	AR		Shim, 25 x 34 x 1.10 mm
9	0828-029	AR		Shim, 25 x 34 x 1.15 mm
10	0819-003	1	S	Shaft, Secondary Driven - Front
11	0828-030	AR		Shim, 24 x 48 x 0.25 mm
11	0828-031	AR		Shim, 24 x 48 x 0.30 mm
11	0828-032	AR		Shim, 24 x 48 x 0.35 mm
11	0828-033	AR		Shim, 24 x 48 x 0.90 mm
11	0828-018	AR		Shim, 24 x 48 x 0.95 mm
11	0828-062	AR		Shim, 24 x 48 x 1.00 mm
11	0828-063	AR		Shim, 24 x 48 x 1.05 mm
11	0828-064	AR		Shim, 24 x 48 x 1.10 mm
11	0828-065	AR		Shim, 24 x 48 x 1.15 mm
12	0819-001	1		Gear, Secondary Drive
13	0828-019	1		Washer
14	0827-012	1		Nut
15	0832-016	1		Bearing, Driven Gear
16	0819-002	1		Gear, Secondary Driven
17	0819-011	1		Ring, Driven Bearing
18	0819-053	1		Shaft, Secondary Driven - Rear
19	0819-005	1		Flange, Output Joint - Rear

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) **Page 84 of 105**  
SECONDARY TRANSMISSION ASSEMBLY



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 5 of 105  
SECONDARY TRANSMISSION ASSEMBLY

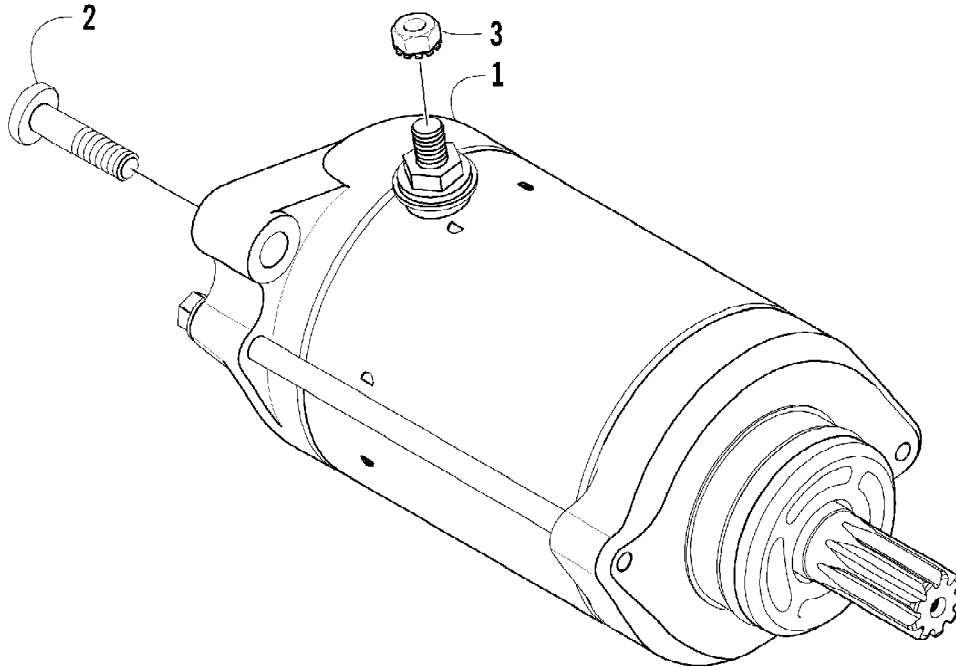
Ref #	Part Number	Qty	S/P/F	Description
1	0822-048	1		Countershaft Assembly (inc. 2-16)
2	0822-008	1		Gear, Drive - No. 2
3	0822-014	1		Dog, Reverse Driven Gear
4	0831-011	2		Circlip
5	0822-045	1		Spacer, Reverse Driven Gear
6	0828-008	2		Washer
7	0822-013	1		Gear, Reverse Driven
8	0832-011	3		Bearing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



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STARTER CLUTCH ASSEMBLY

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

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4115R) Page 8 of 105  
STARTER MOTOR ASSEMBLY (Up to VIN: 4UF07ATV97T270001)

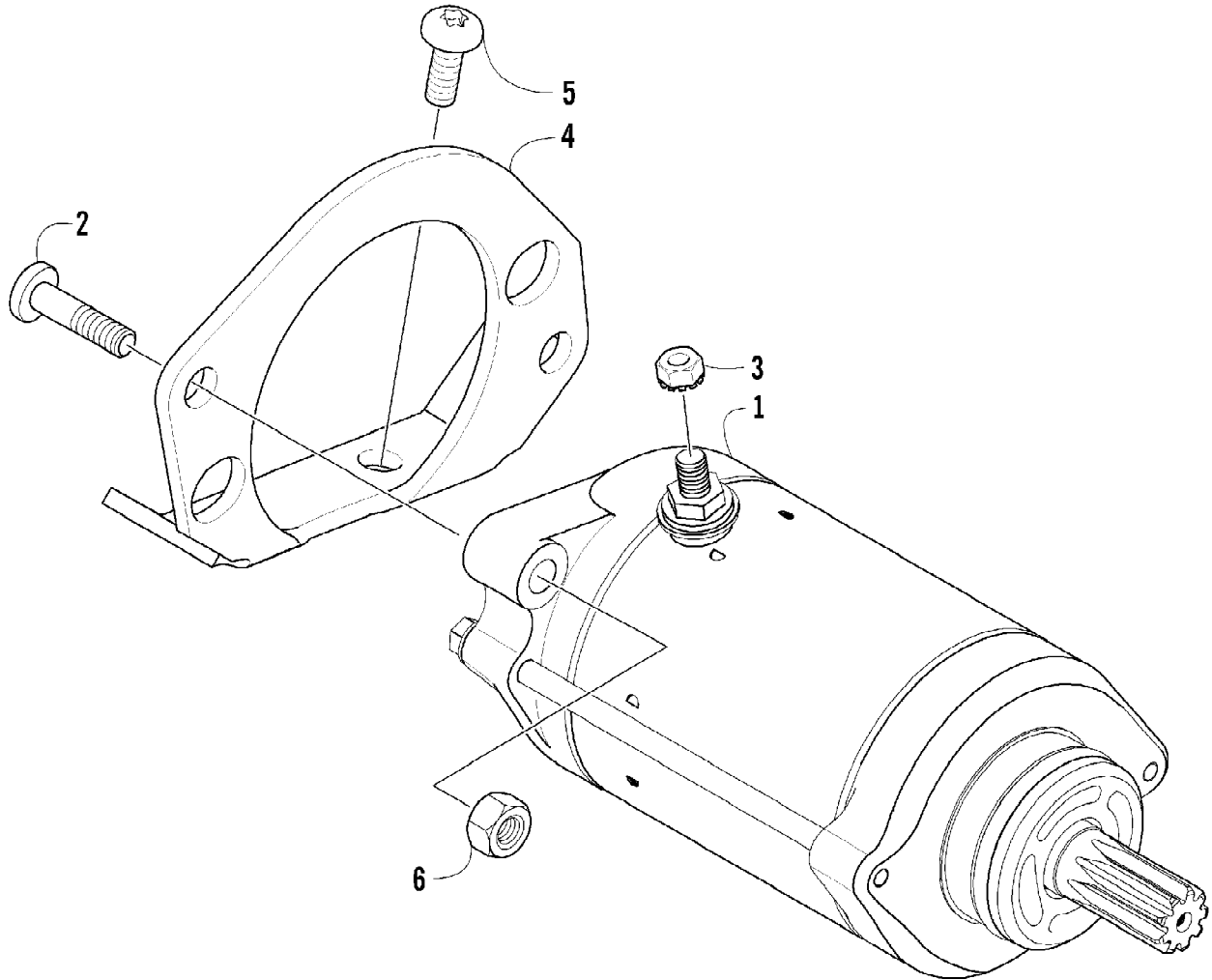




2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4BUSA) Page 9 of 105  
STARTER MOTOR ASSEMBLY (Up to VIN: 4UF07ATV97T270001)

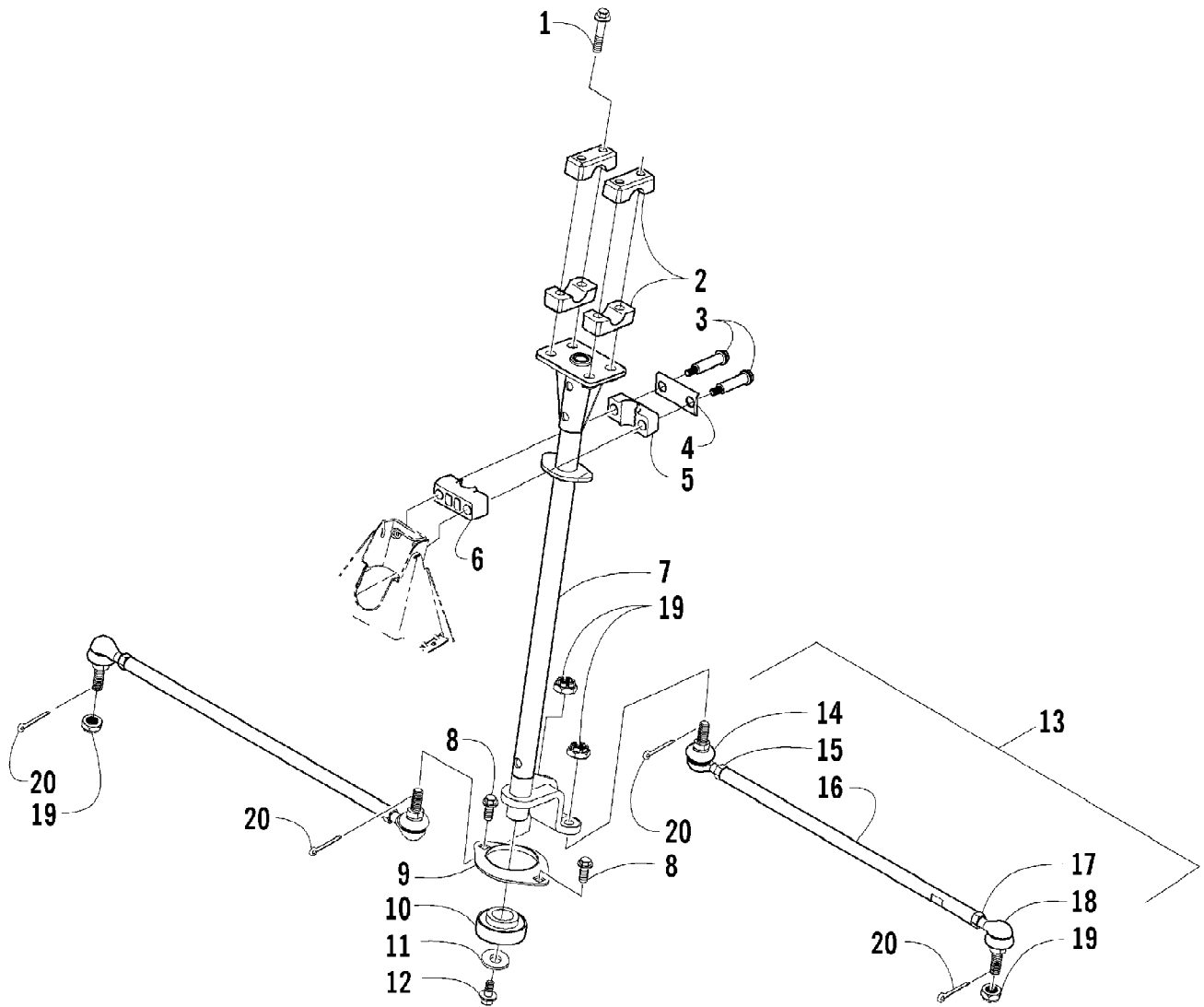
Ref #	Part Number	Qty	S/P/F	Description
1	0825-012	1	S	Motor, Starter - Assembly
2	8468-630	2		Screw, Machine
3	0623-038	1		Nut w/Washer

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4116SR) Page 90 of 105  
STARTER MOTOR ASSEMBLY (VIN: 4UF07ATV97T270001 and above)



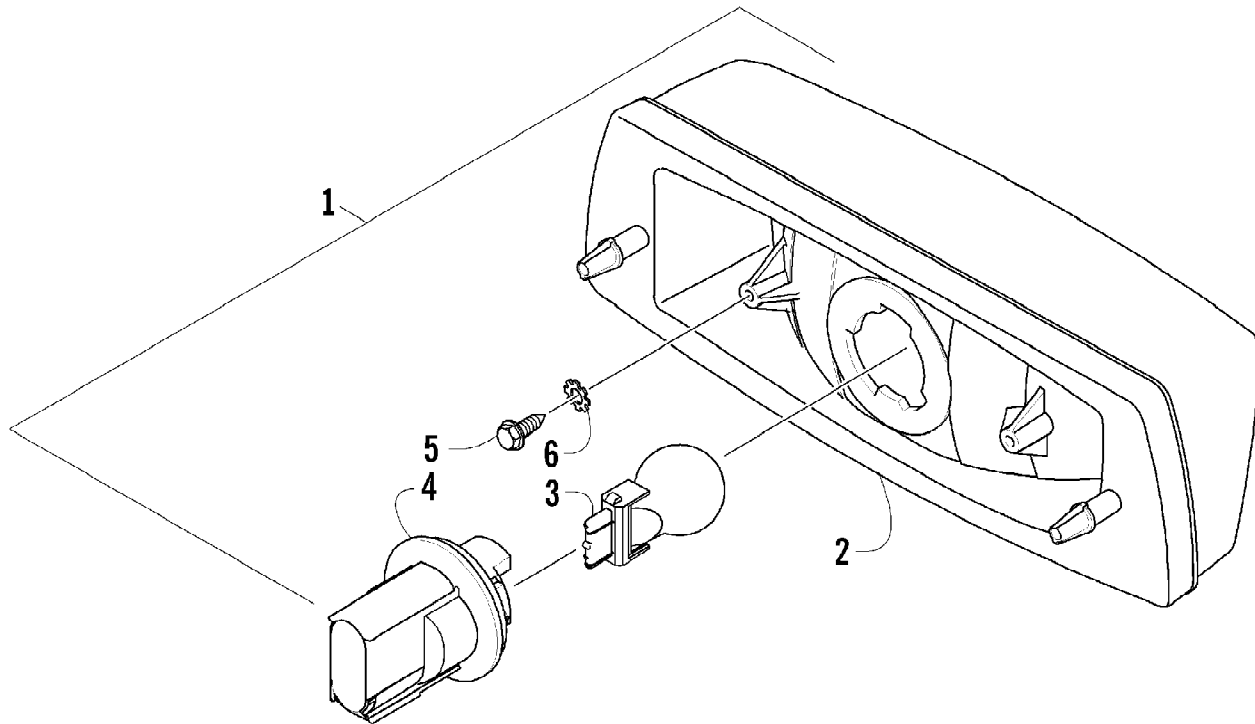
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4BUSA) Page 91 of 105  
STARTER MOTOR ASSEMBLY (VIN: 4UF07ATV97T270001 and above)

Ref #	Part Number	Qty	S/P/F	Description
1	0825-012	1	S	Motor, Starter - Assembly
2	8468-630	2		Screw, Machine
3	0623-038	1		Nut w/Washer
4	0815-018	1		Bracket, Mounting
5	8468-612	2		Screw, Machine
6	8427-602	2		Nut, Lock



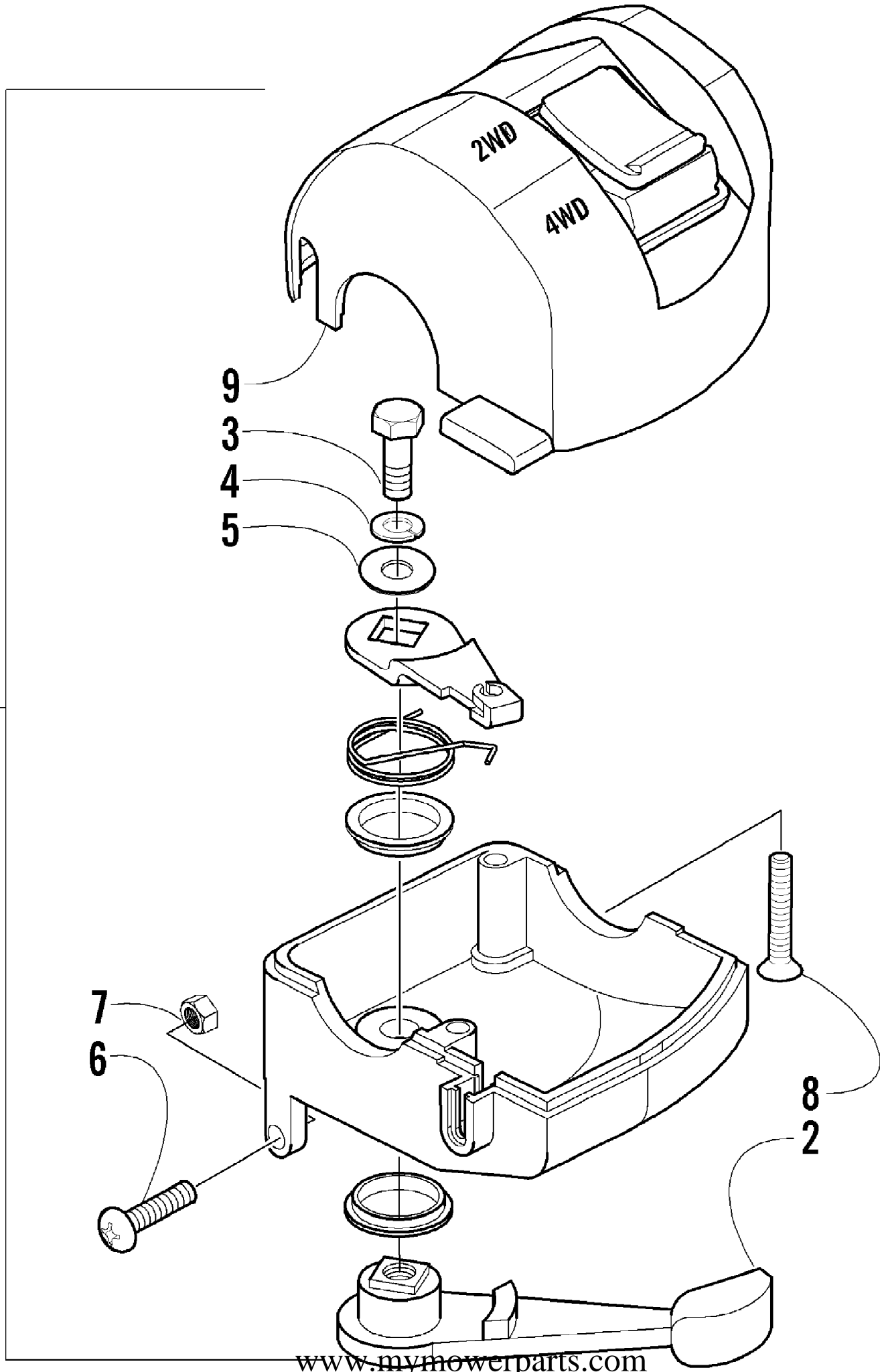
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4) Page 93 of 105  
 STEERING POST ASSEMBLY

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



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4P16R9) Page 95 of 105  
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	0623-301	2	/P	Screw, Self-Tapping
6	8053-212	2	/P	Washer, Lock - External Tooth

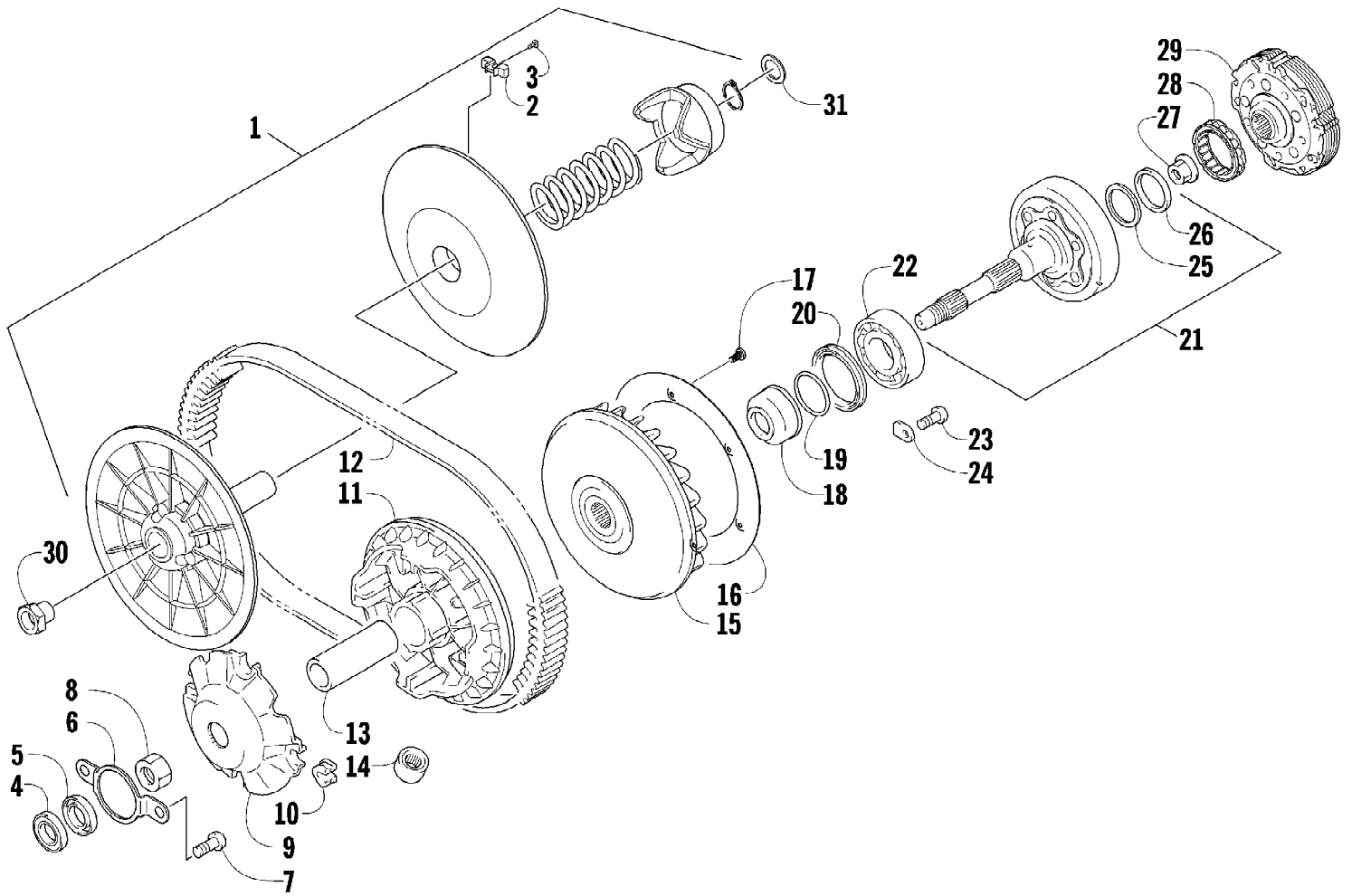




2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS4115R) Page 97 of 105  
THROTTLE CASE ASSEMBLY

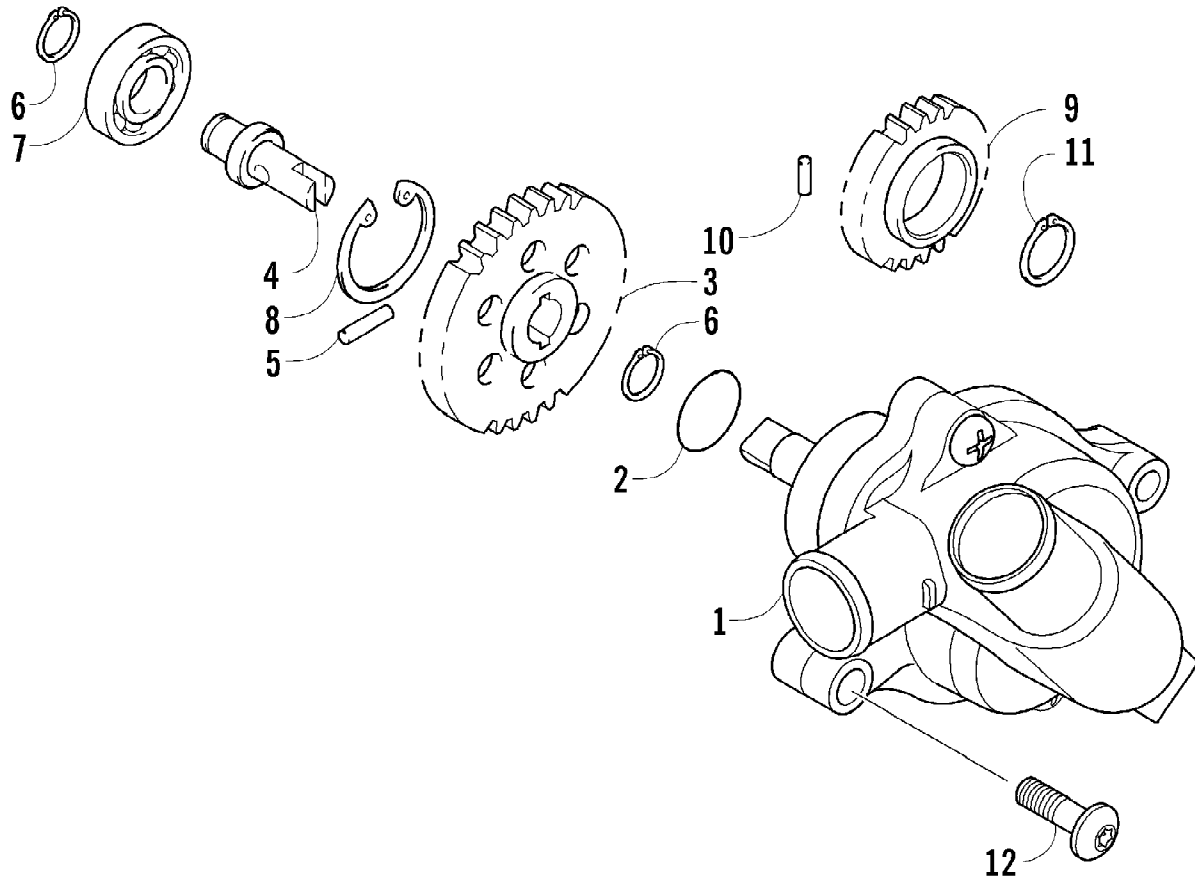
Ref #	Part Number	Qty	S/P/F	Description
1	0509-012	1		Case, Throttle - Assembly (inc. 2-9)
2	3409-001	1		Lever
3	3004-533	1	S/P	Screw, Cap
4	3004-447	1	/P	Washer, Lock
5	3003-030	1	/P	Washer
6	3423-014	1		Screw
7	3423-327	1		Nut
8	3423-199	2		Screw
9	0409-048	1		Cover, Throttle w/Switch

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TRANSMISSION ASSEMBLY



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TRANSMISSION ASSEMBLY

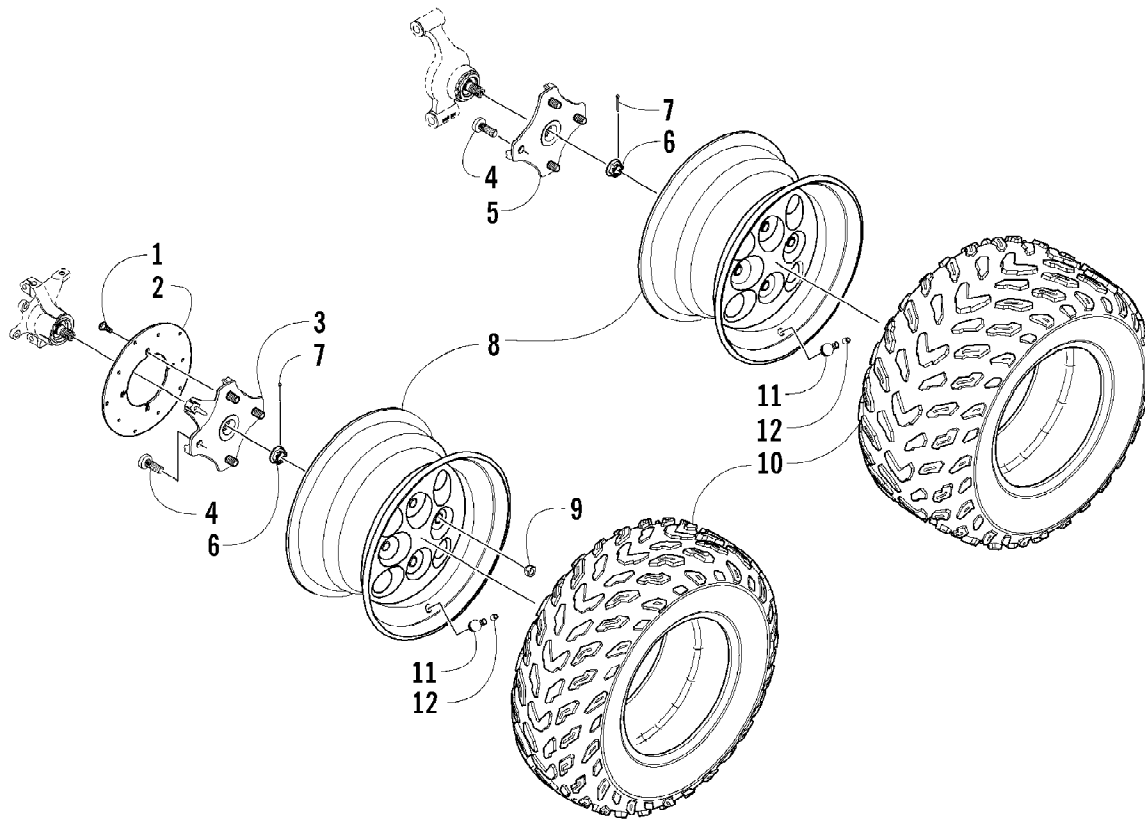
Ref #	Part Number	Qty	S/P/F	Description
1	0823-157	1	S/P	Pulley, Driven - Assembly (inc. 2-3 and 30)
2	0823-176	3	/P	Shoe, Cam
3	0823-177	3		Screw, Machine
4	0832-010	1		Bearing
5	0823-016	1	S	Seal, Clutch Housing - Right
6	0823-020	1		Retainer, Bearing
7	0826-031	2		Screw
8	0827-010	1		Nut
9	0823-008	1		Plate, Movable Drive Face
10	0823-010	4		Damper, Movable Drive Face
11	0823-159	1		Face, Movable Drive
12	0823-013	1		Belt, Drive
13	0823-149	1		Spacer, Movable Drive Face
14	0823-012	8	S	Roller, Movable Drive Face
15	0823-001	1	S	Face, Fixed Drive
16	0823-131	1		Shroud, Drive Face
17	0623-914	6		Screw, Self-Tapping
18	0823-015	1		Spacer, Fixed Drive Face
19	0470-531	1		O-Ring
20	0830-034	1	S	Seal, Clutch Housing - Right
21	0823-270	1	S	Housing, Clutch - Assembly (inc. 25-26)
22	0832-009	1	/P	Bearing
23	0826-029	2		Screw, Bearing Retainer
24	0822-010	2	/P	Retainer, Bearing
25	0828-075	1		Shim
26	0823-017	1	S	Seal, Clutch Housing - Left
27	0827-011	1		Nut
28	0823-018	1		Clutch, One-Way
29	0823-098	1	S	Clutch, Centrifugal - 6 Plate
30	0823-178	1		Nut, Driven Pulley
31	0828-076	1		Shim



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS#165R) Page 01 of 105  
WATER PUMP ASSEMBLY

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

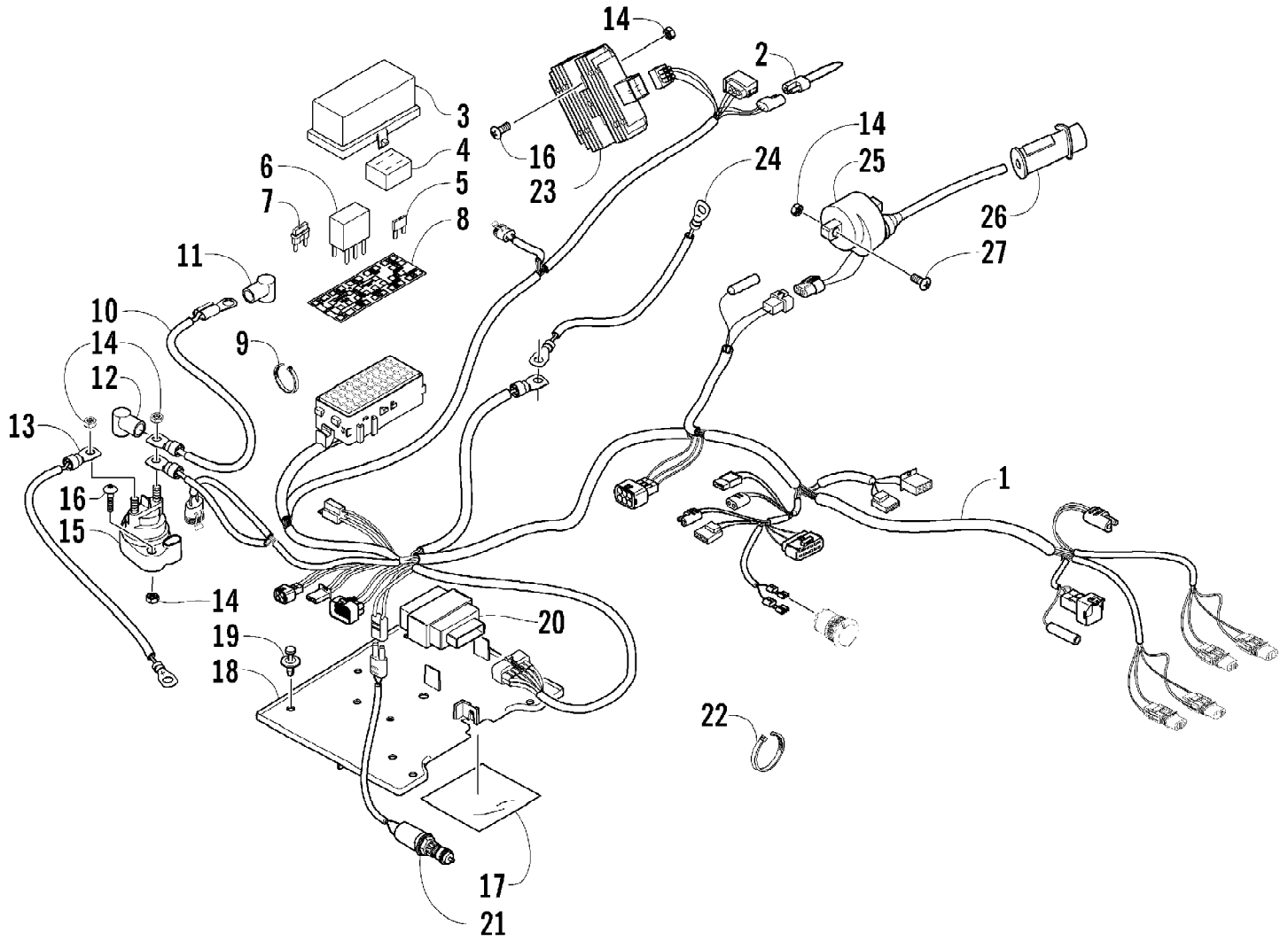
2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS#126SR) Page 2 of 105  
WHEEL AND TIRE ASSEMBLY



2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS#46SR) Page 3 of 105  
 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	1402-548	2		Tire - Front Goodyear
10	1402-549	2		Tire - Rear Goodyear
11	0402-064	4		Stem, Valve (inc. 12)
12	0402-140	4		Cap, Valve Stem

2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBSR) Page 04 of 105  
WIRING HARNESS ASSEMBLY





2007 ATV 650 H1 AUTOMATIC TRANSMISSION 4X4 TRV RED (A2007TBS#126SR) Page 5 of 105  
WIRING HARNESS ASSEMBLY

Ref #	Part Number	Qty	S/P/F	Description
1	0486-216	1		Harness, Main (inc. 2-8)
2	0486-164	1		Tether, Accessory Connector
3	0530-008	1		Cover, Fuse Block
4	0430-037	1		Holder, Fuse
5	0430-034	1		Diode
6	0430-033	2		Relay - 20 Amp/5P
6	0430-045	3	/P	Relay - 20 Amp/4P
7	0430-032	4		Fuse - 10 Amp
7	0430-031	3		Fuse - 15 Amp
7	0430-030	2		Fuse - 30 Amp
8	1411-502	1		Decal, Fuse Block
9	0123-788	AR	/P	Cable Tie - 7.5 in.
10	0445-064	1		Cable, Solenoid/Starter (inc. 11)
11	0645-019	1		Boot, Terminal
12	0645-327	1		Boot, Terminal
13	0445-062	1		Cable, Battery/Solenoid
14	0623-038	8		Nut w/Washer
15	0445-058	1	/P	Solenoid
16	8476-625	4		Screw, Machine
17	0412-291	1		Shield, Heat
18	1406-787	1		Tray, Electrical
19	0623-362	4		Rivet, Reinstallable
20	0824-038	1	/P	CDI Unit
21	0409-072	1		Switch, Brake - Assembly
22	0123-903	AR		Cable Tie - 11.5 in.
23	0824-037	1	/P	Regulator, Voltage
24	0445-063	1		Cable, Battery/Ground
25	0824-036	1		Coil, Ignition - Assembly
26	0824-021	1	S	Cap, Spark Plug
27	8476-620	2		Screw, Machine