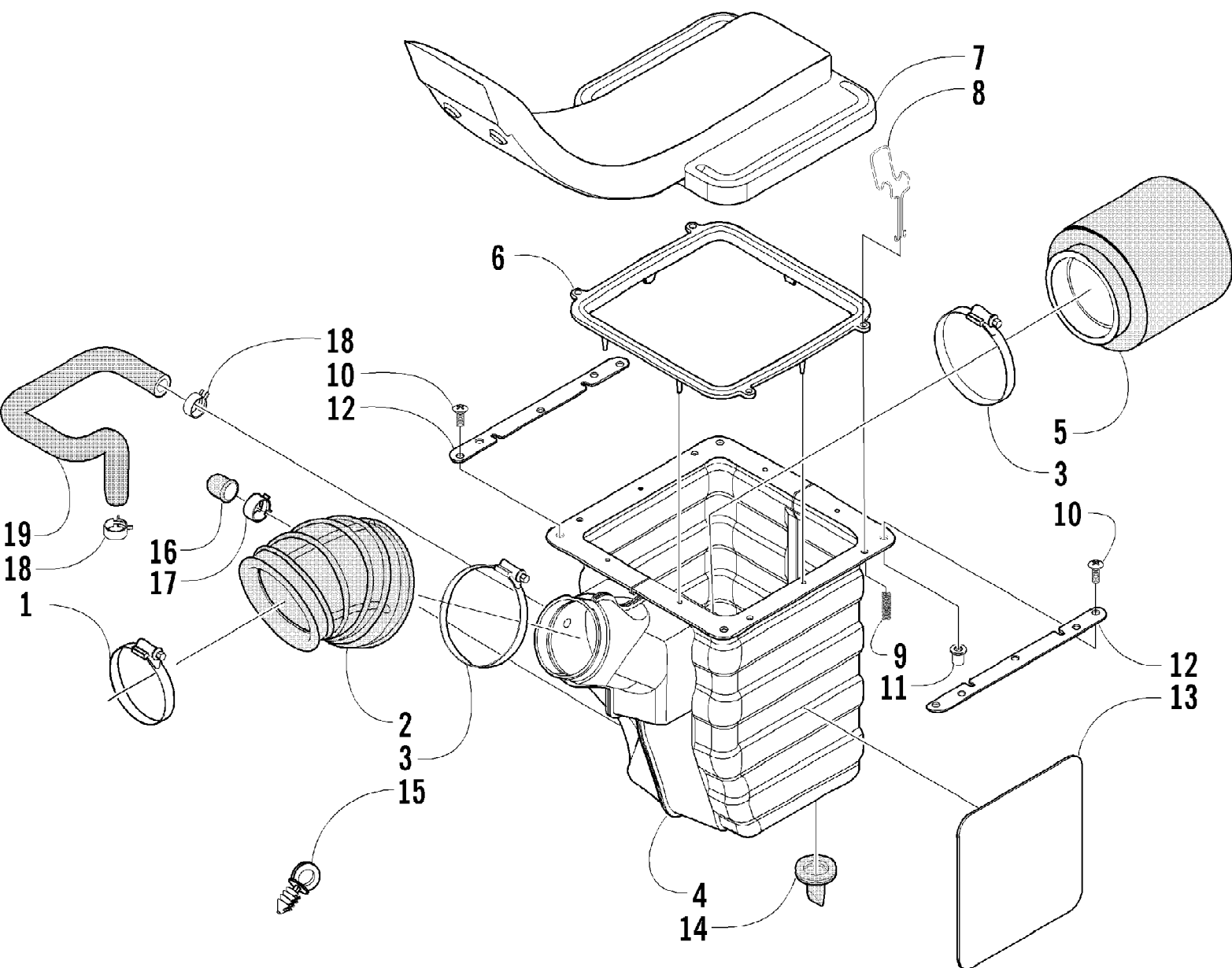
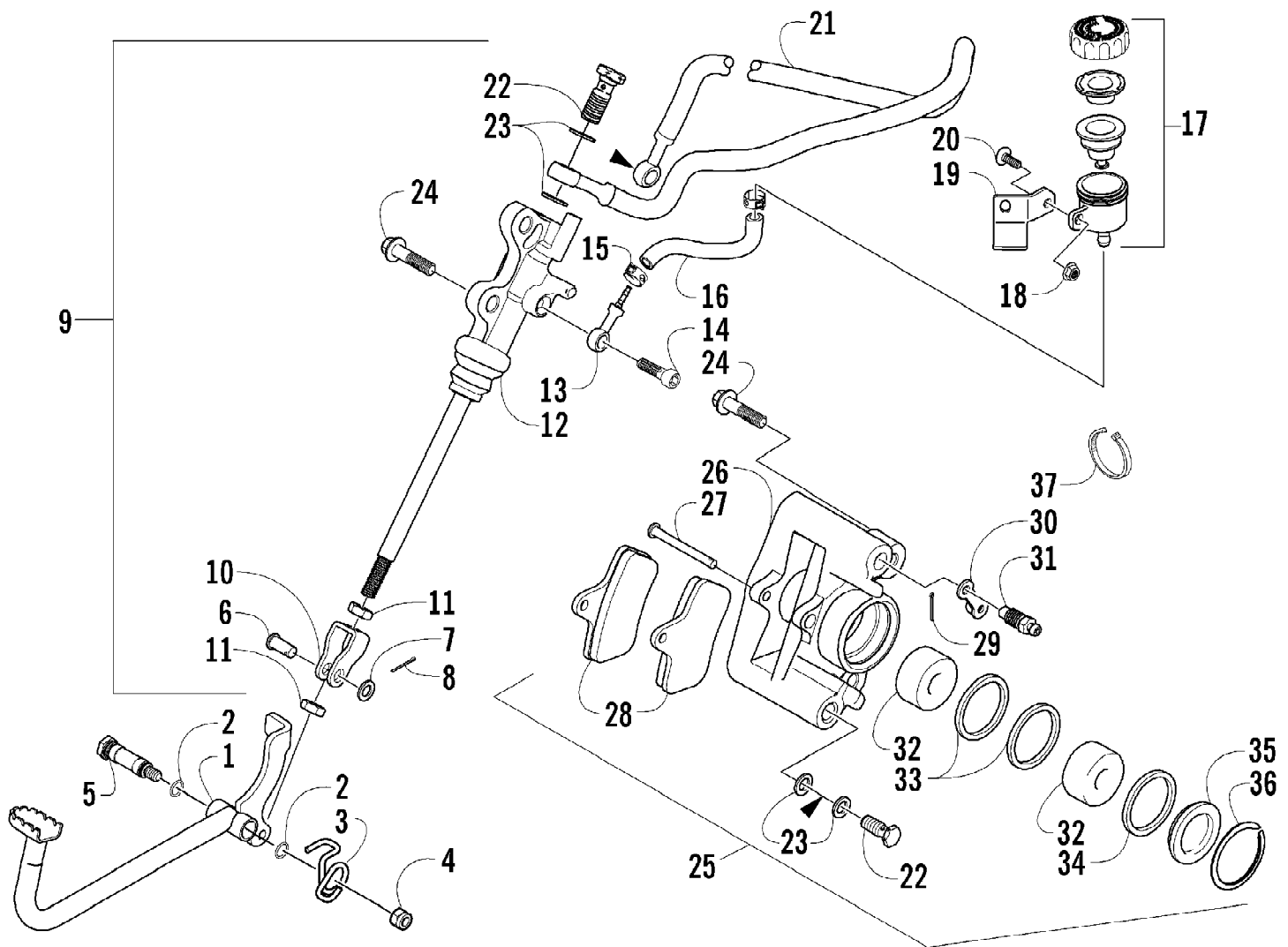




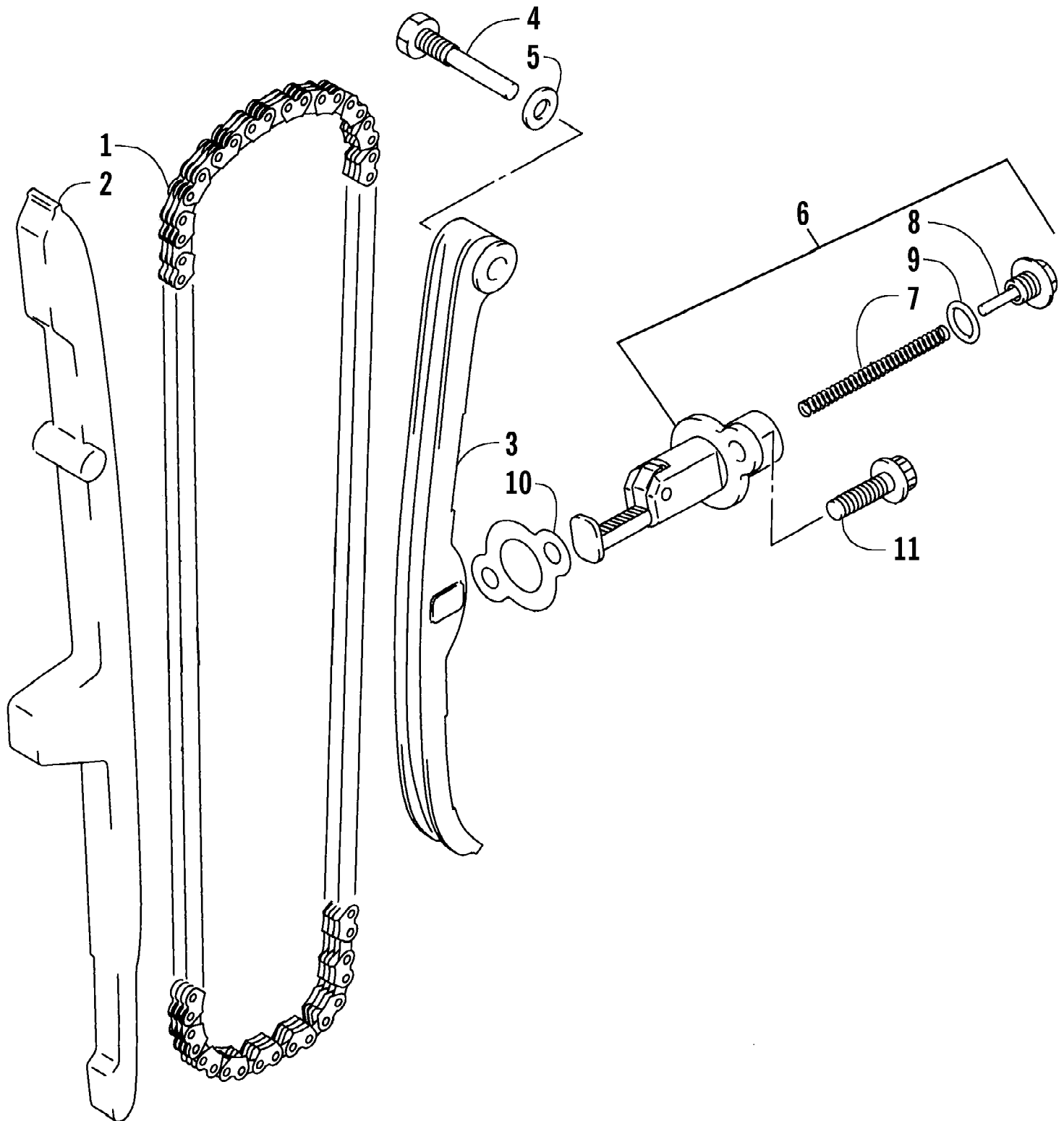
Ref #	Part Number	Qty	S/P/F	Description
1	0423-019	1		Clamp
2	0470-467	1		Boot, Air Intake
3	0423-018	2		Clamp
4	0470-446	1	/P	Housing, Air Intake
5	0470-391	1	/P	Filter, Air
6	0470-343	1		Gasket
7	0470-383	1	/P	Snorkel
8	0470-307	4		Clamp
9	0423-037	4		Spring
10	0623-121	4		Screw, Machine
11	0123-010	4	/P	Nut, Expansion
12	0470-351	2		Support, Air Intake Flange
13	0412-141	1		Shield, Heat
14	0470-442	1	/P	Valve, Drain
15	0623-101	1		Clip, Retaining
16	1673-272	1	/P	Cap, Drain Tube
17	0423-047	1		Clamp, Hose
18	0423-045	2		Clamp, Hose
19	0410-045	1		Hose, Crankcase Vent



2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
AUXILIARY BRAKE ASSEMBLY

Page 4 of 96

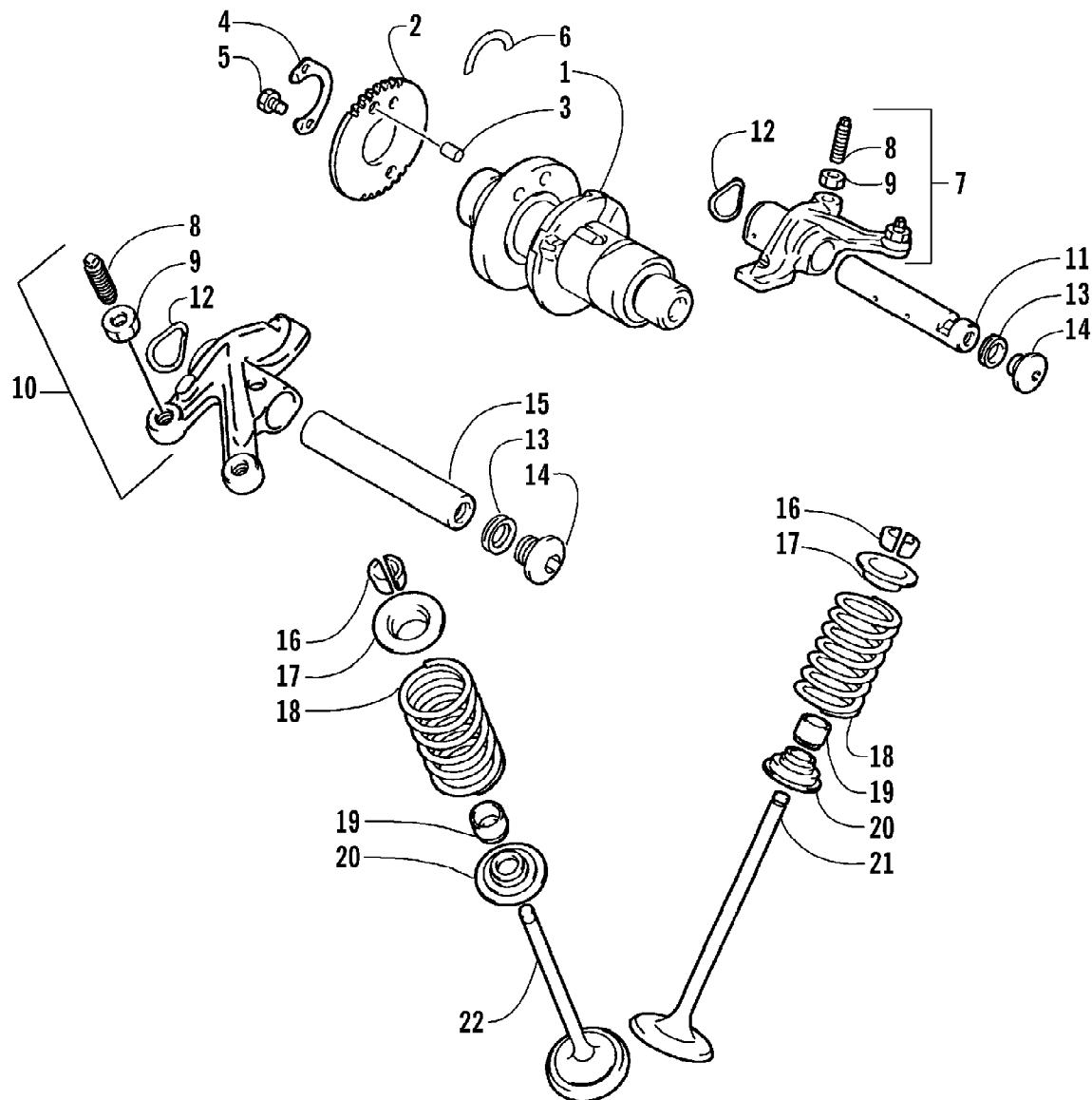
Ref #	Part Number	Qty	S/P/F	Description
1	0502-639	1		Lever, Brake
2	1602-213	2	/P	O-Ring
3	0502-651	1		Spring, Brake Lever
4	8422-002	1		Nut
5	0402-872	1		Axle, Brake Lever
6	0402-575	1		Pin, Clevis
7	0402-583	1		Washer
8	0402-584	1		Pin, Cotter
9	0502-665	1	S	Brake Assembly (inc. 10-17)
10	0402-580	1		Actuator, Push Rod
11	0402-592	2		Nut, Jam
12	0	1	F	Master Cylinder
13	1402-277	1		Fitting, Banjo
14	1402-278	1		Bolt, Banjo Fitting
15	0423-525	2		Clamp, Hose
16	1402-266	1		Hose, Brake Reservoir
17	1402-257	1		Reservoir, Brake
18	8424-602	2	/P	Nut, Flanged
19	1506-521	1		Bracket, Mounting - Reservoir
20	8476-616	2		Screw, Machine
21	1402-200	1		Hose, Brake
22	0423-413	2		Bolt, Banjo Fitting
23	0423-178	4		Washer, Crush
24	8408-825	4		Screw, Cap
25	0502-457	1	S	Caliper, Brake (inc. 26-36)
26	0	1	F	Housing, Caliper
27	0402-495	1		Pin, Brake Caliper
28	1402-126	2		Pad, Brake
29	0423-495	1	/P	Pin, Cotter
30	0402-493	1		Cap, Bleed Valve
31	1402-123	1		Valve, Bleed
32	1402-125	2		Piston
33	0402-980	2		O-Ring, Brake Caliper
34	0	1	F	O-Ring
35	0	1	F	Plug
36	0	1	F	Ring, Retaining
37	0123-788	AR	/P	Cable Tie - 7.5 in.



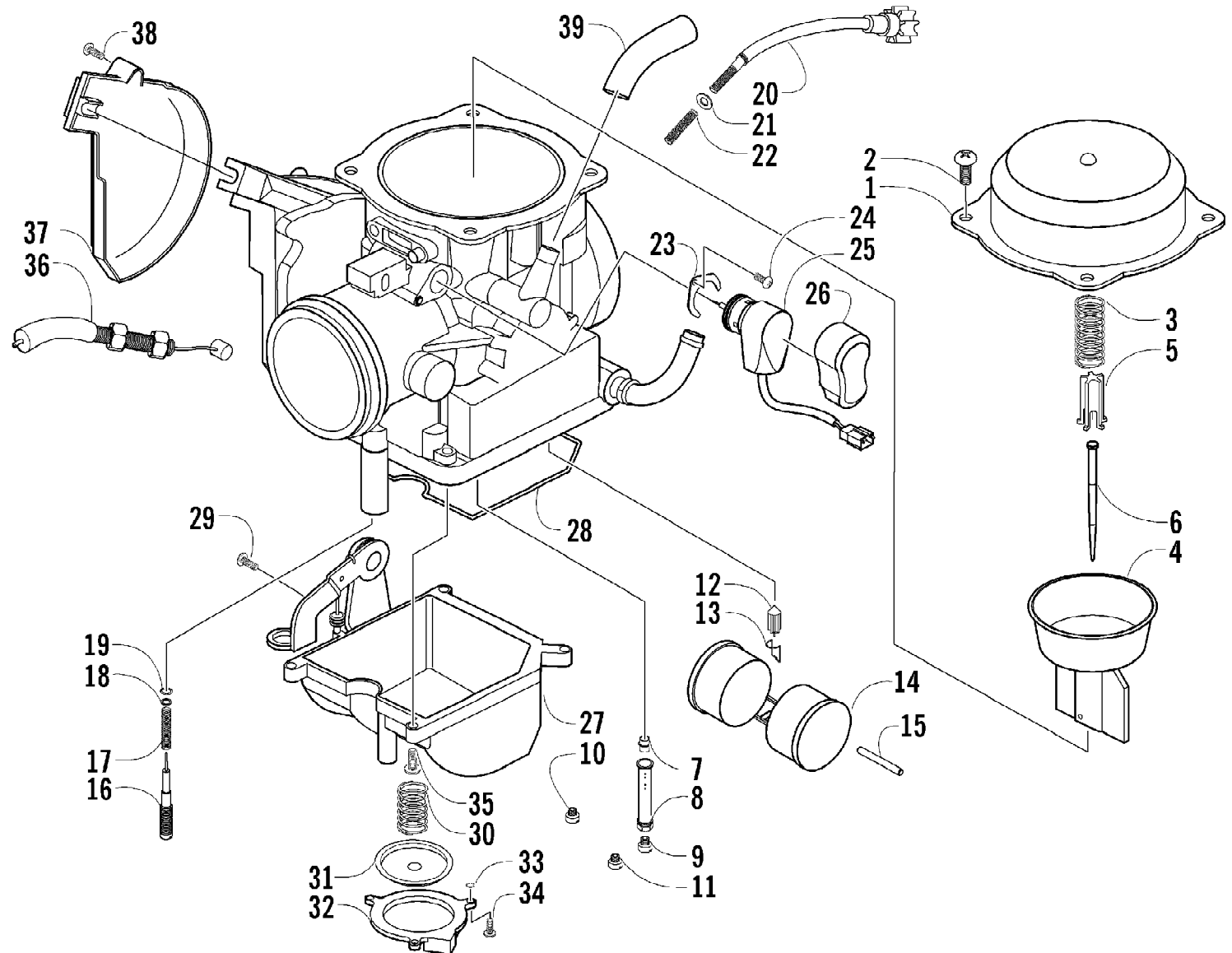
Ref #	Part Number	Qty	S/P/F	Description
1	3402-281	1		Chain, Cam
2	3402-612	1		Guide, Cam Chain
3	3402-613	1		Tensioner, Cam Chain
4	3423-074	1		Bolt
5	3402-436	1	/P	Washer
6	3402-614	1		Adjuster, Tensioner - Assembly (inc. 7-9)
7	3423-484	1		Spring
8	3423-485	1		Plug
9	3423-286	1		O-Ring
10	3403-020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

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
CAMSHAFT/VALVE ASSEMBLY

Page 7 of 96



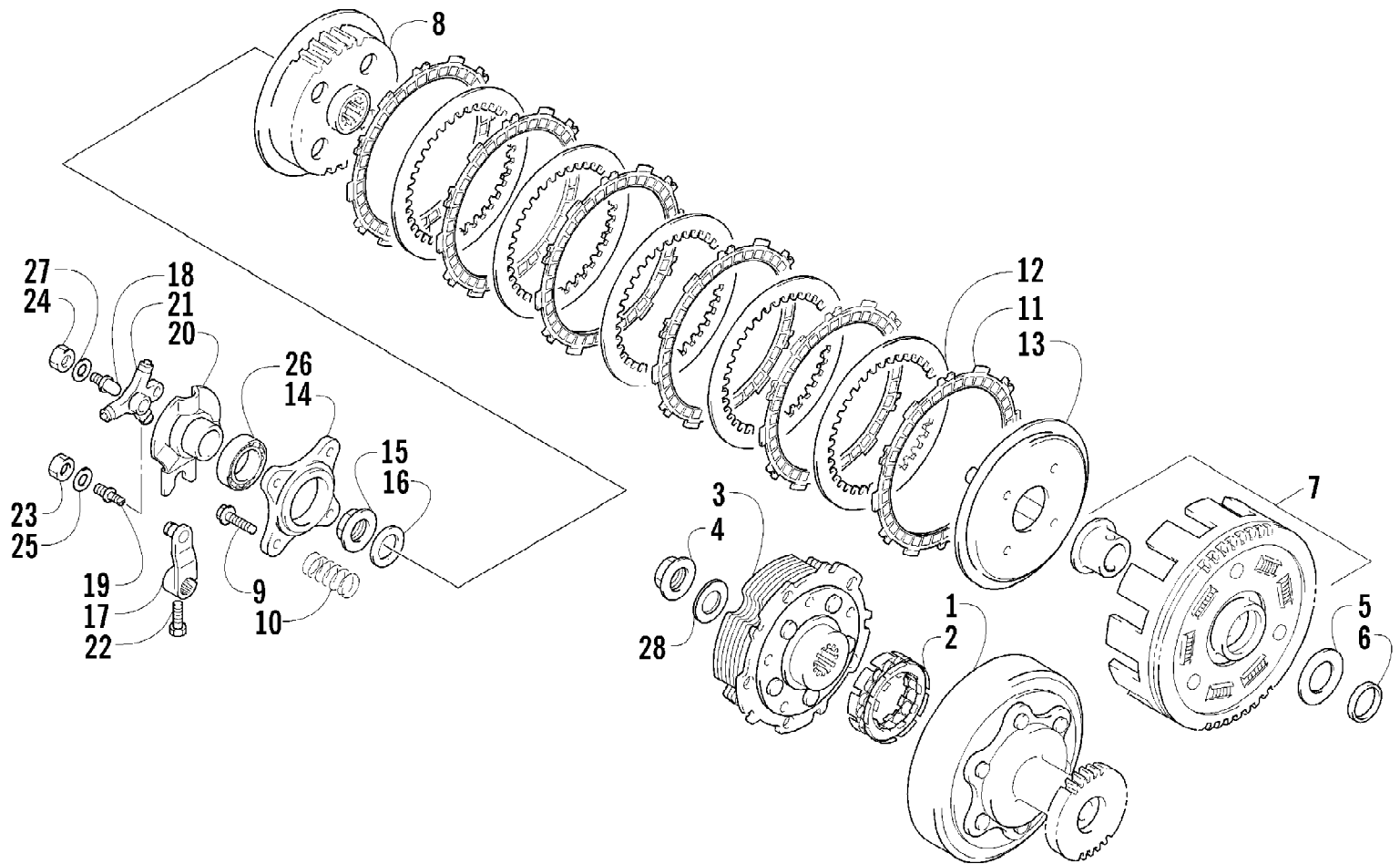
Ref #	Part Number	Qty	S/P/F	Description
1	3402-989	1	S	Camshaft
2	3402-611	1		Sprocket
3	3423-047	1		Pin
4	3423-073	1		Washer
5	3423-013	2	S	Bolt
6	3423-071	1	/P	C-Ring
7	3402-805	1	/P	Arm, Valve Rocker - Intake (inc. two No. 8-9)
8	3423-075	4		Screw
9	3423-076	4		Nut
10	3402-139	1		Arm, Valve Rocker - Exhaust (inc. two No. 8-9)
11	3402-140	1		Shaft, Rocker Arm
12	3423-031	2		Washer
13	3402-012	2		Gasket
14	3402-040	2	/P	Plug, Shaft
15	3402-141	1		Shaft, Rocker Arm
16	3402-147	8		Cotter, Valve
17	3423-541	4	/P	Retainer, Spring
18	3402-726	4		Spring, Valve
19	3402-078	4		Seal, Oil
20	3402-148	4		Seat, Spring
21	3402-725	2	/P	Valve, Intake
22	3402-143	2		Valve, Exhaust



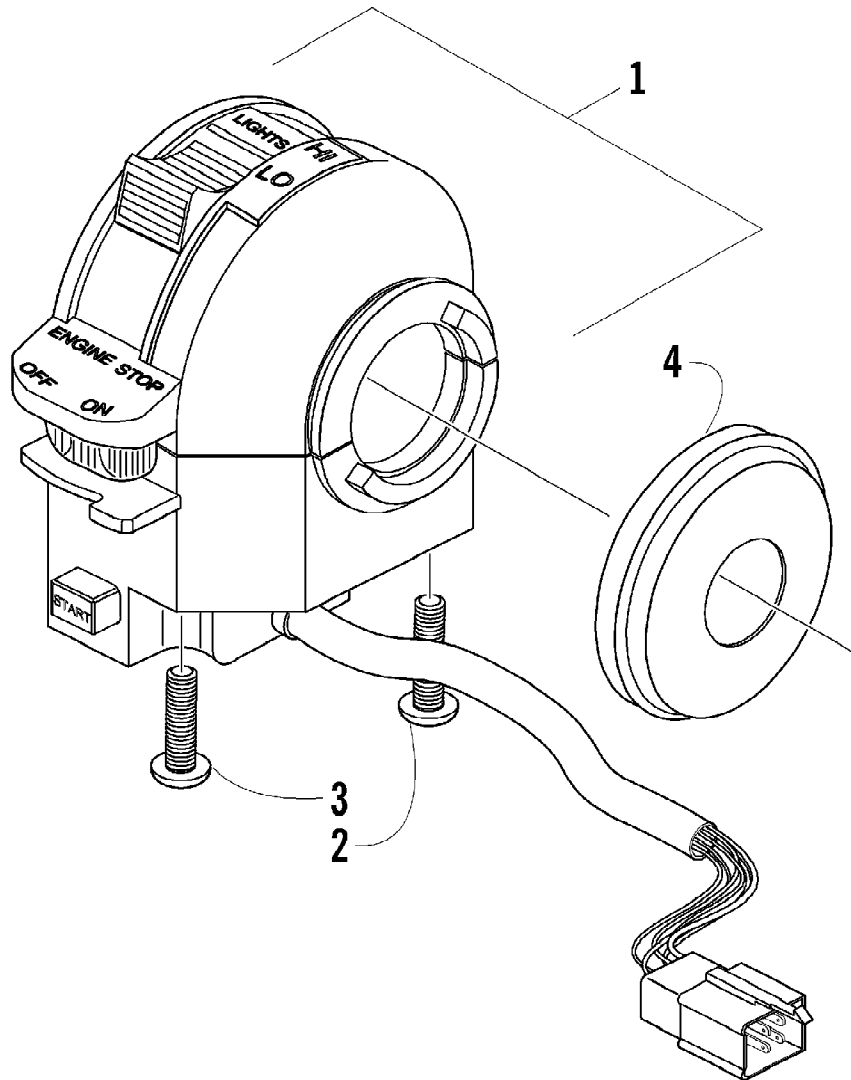
Ref #	Part Number	Qty	S/P/F	Description
	0470-470	1		Carburetor Assembly
1	5507-001	1		Cover, Top
2	5507-002	4	/P	Screw, Top Cover
3	5507-085	1	S	Spring
4	5507-109	1	S	Piston, Vacuum
5	5507-005	1		Seat, Spring
6	5507-110	1		Jet Needle
7	5507-007	1		Needle Jet
8	5507-047	1	/P	Holder, Needle Jet
9	5507-043	1		Main Jet - 142
9	5507-009	1	/P/F	Main Jet - 150
9	5507-041	1	F	Main Jet - 147
9	5507-042	1	/P/F	Main Jet - 145
9	5507-044	1	F	Main Jet - 140
10	5507-010	1	S	Slow Jet - 38
11	5507-097	1	/P	Starter Jet - 75
12	5507-107	1		Valve, Float - Set (inc. 13)
13	0	1	F	Clip
14	5507-039	1		Float Set (inc. 15)
15	0	1	F	Pin, Float
16	5507-111	1		Screw, Pilot Air - Set (inc. 17-19)
17	0	1	F	Spring
18	0	1	F	Washer
19	0	1	F	O-Ring
20	5507-027	1		Screw, Idle Adjust
21	5507-028	1		Washer
22	5507-029	1		Spring
23	5507-115	1		Plate
24	5507-117	1	/P	Screw
25	5507-180	1		Choke, Electric
26	5507-114	1		Cover, Electric Choke
27	0	1	F	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	5507-031	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

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
CLUTCH ASSEMBLY

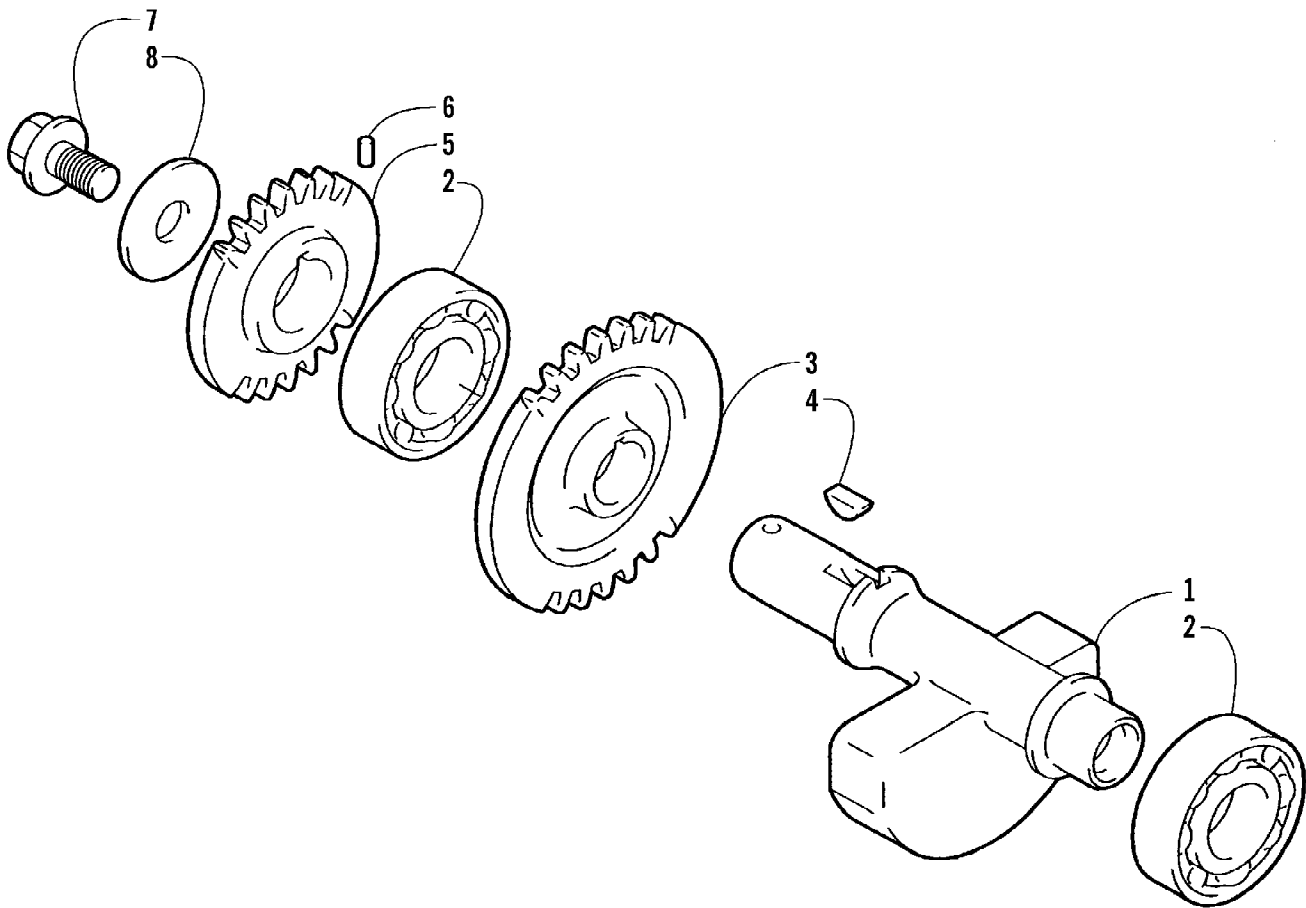
Page 11 of 96



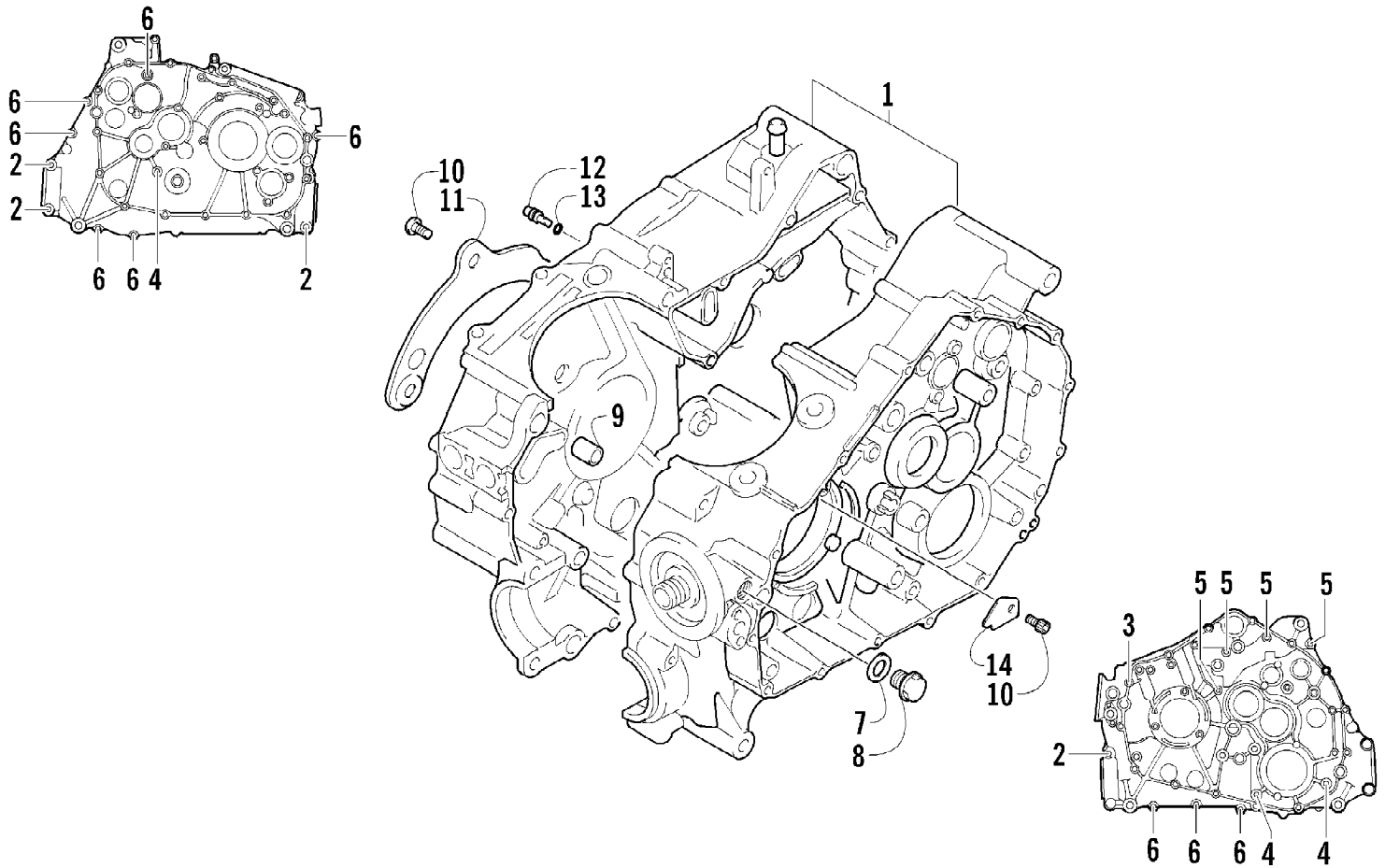
Ref #	Part Number	Qty	S/P/F	Description
1	3446-352	1	/P	Housing, Starter Clutch
2	3446-003	1		Clutch, Primary Drive One Way
3	3446-290	1		Shoe, Starter Clutch
4	3423-409	1		Nut, Starter Clutch Shoe
5	3423-515	1		Washer, Primary Driven
6	3423-516	1		Washer
7	3446-291	1		Gear, Primary Driven - Assembly
8	3446-004	1		Hub, Clutch Sleeve
9	3423-330	4		Screw, Cap - Clutch Spring
10	3423-517	4		Spring, Clutch
11	3446-006	6		Plate, Clutch Drive
12	3446-007	5		Plate, Clutch Driven
13	3446-008	1		Disc, Clutch Pressure
14	3446-009	1		Plate, Clutch Release
15	3423-080	1		Nut, Clutch Sleeve Hub
16	3423-032	1		Washer, Sleeve Hub
17	3446-292	1		Arm, Clutch Release
18	3423-361	1		Bolt, Clutch Release - No. 1
19	3423-083	1		Bolt, Clutch Release - No. 2
20	3446-293	1		Guide, Release Roller
21	3446-294	1		Roller, Clutch Release - Assembly
22	3423-125	1	S	Bolt, Clutch Release Arm
23	3008-014	1		Nut, Clutch Release - No. 2
24	3423-359	1		Nut, Clutch Release - No. 1
25	3423-027	1		Washer, Clutch Release - No. 2
26	3402-186	1	/P	Bearing, Clutch
27	3423-360	1		Washer, Clutch Release - No. 1



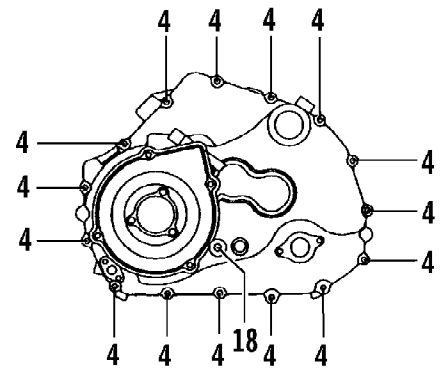
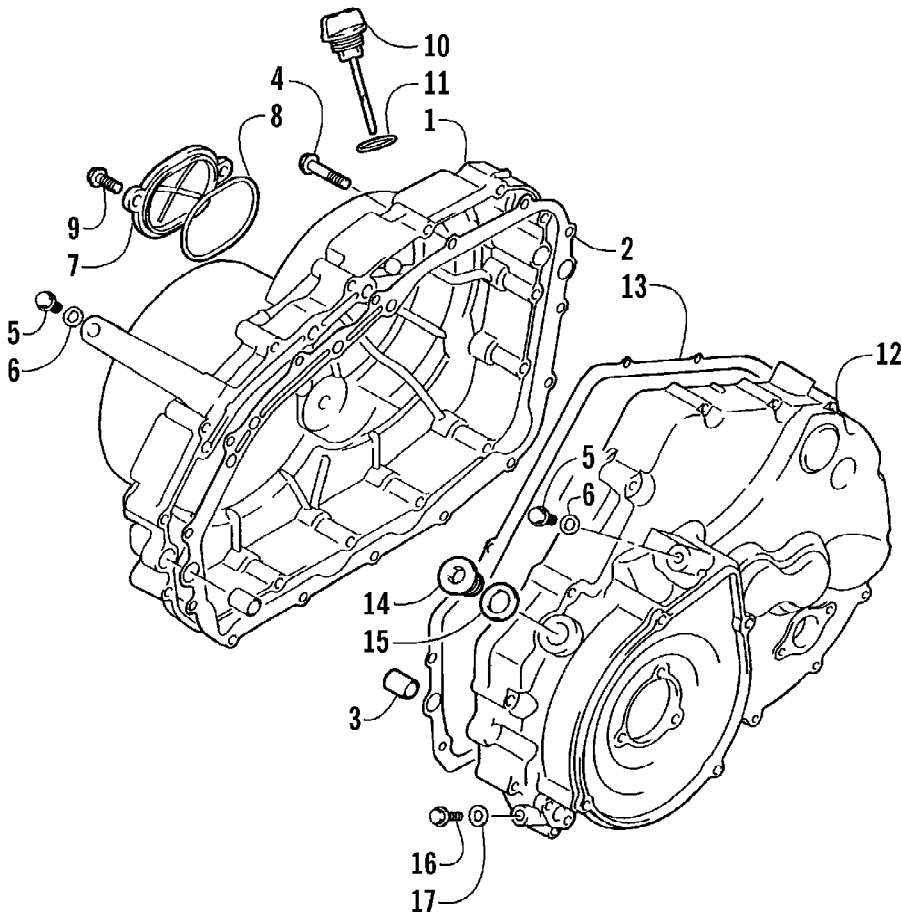
Ref #	Part Number	Qty	S/P/F	Description
1	0509-013	1		Switch, Control - Assembly (inc. 2-3)
2	3423-197	1		Screw, Machine
3	3423-196	1		Screw, Machine
4	3409-019	1		Cover, Switch Housing



Ref #	Part Number	Qty	S/P/F	Description
1	3402-605	1		Balancer, Crank
2	3402-553	2	/P	Bearing
3	3402-772	1		Gear, Driven - No. 1
4	3004-540	1	/P	Key
5	3402-617	1		Gear, Oil Pump Drive
6	3423-110	1		Pin, Drive Gear
7	3423-555	1		Bolt, Drive Gear
8	3423-401	1		Washer, Drive Gear



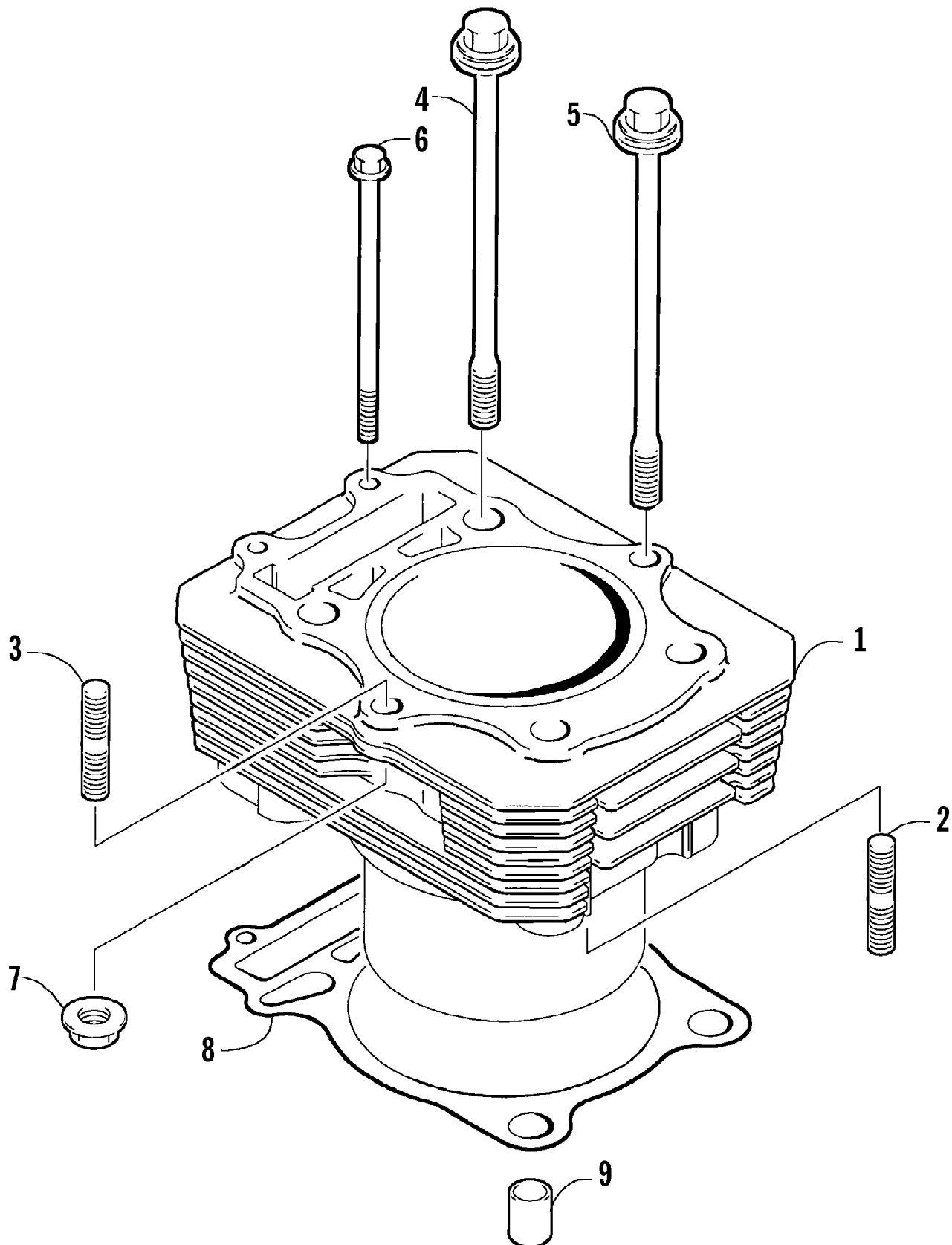
Ref #	Part Number	Qty	S/P/F	Description
1	3402-763	1		Crankcase Assembly (inc. 2-9)
2	3004-880	4		Bolt
3	3005-332	1		Bolt
4	3005-410	3		Bolt
5	3423-097	4		Bolt
6	3423-091	8	S	Bolt
7	3402-012	1		Gasket, Oil Pressure Plug
8	3402-214	1		Plug, Oil Pressure
9	3423-088	2		Pin, Dowel
10	3004-552	4	S	Screw, Oil Guide Plate - Right
11	3402-764	1		Plate, Oil Guide - Right
12	3402-691	1		Jet, Oil Gallery
13	3423-051	1		O-Ring, Oil Gallery Jet
14	3402-582	1		Plate, Oil Guide - Left



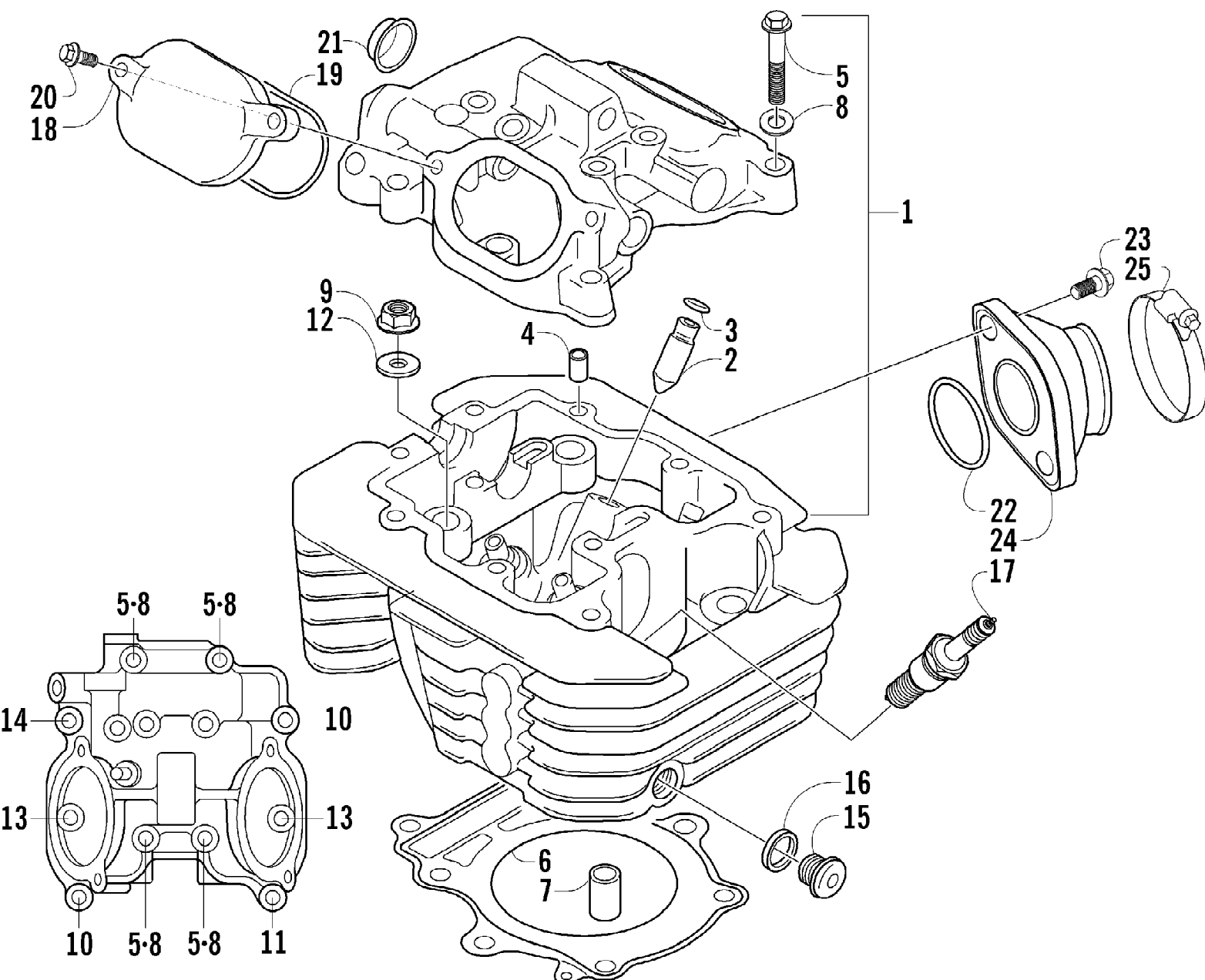
Ref #	Part Number	Qty	S/P/F	Description
1	3402-991	1		Cover, Clutch
2	3402-766	1		Gasket
3	3423-088	4		Pin, Dowel
4	3423-098	30	S	Bolt
5	3004-338	2	S/P	Plug, Oil Gallery
6	3003-290	2	/P	Gasket
7	3402-100	1		Cap, Inspection
8	3402-101	1		O-Ring, Inspection Cap
9	3004-341	2	S/P	Bolt, Inspection Cap
10	3402-593	1		Stick, Oil Level
11	3423-055	1		O-Ring, Oil Level Stick
12	3402-767	1		Cover, Magneto
13	3402-768	1		Gasket, Magneto Cover
14	3423-180	1	S	Plug
15	3402-013	1	/P	Gasket
16	3004-705	1	S	Plug, Drain
17	3402-444	1		Gasket, Drain Plug
18	3423-430	1		Bolt



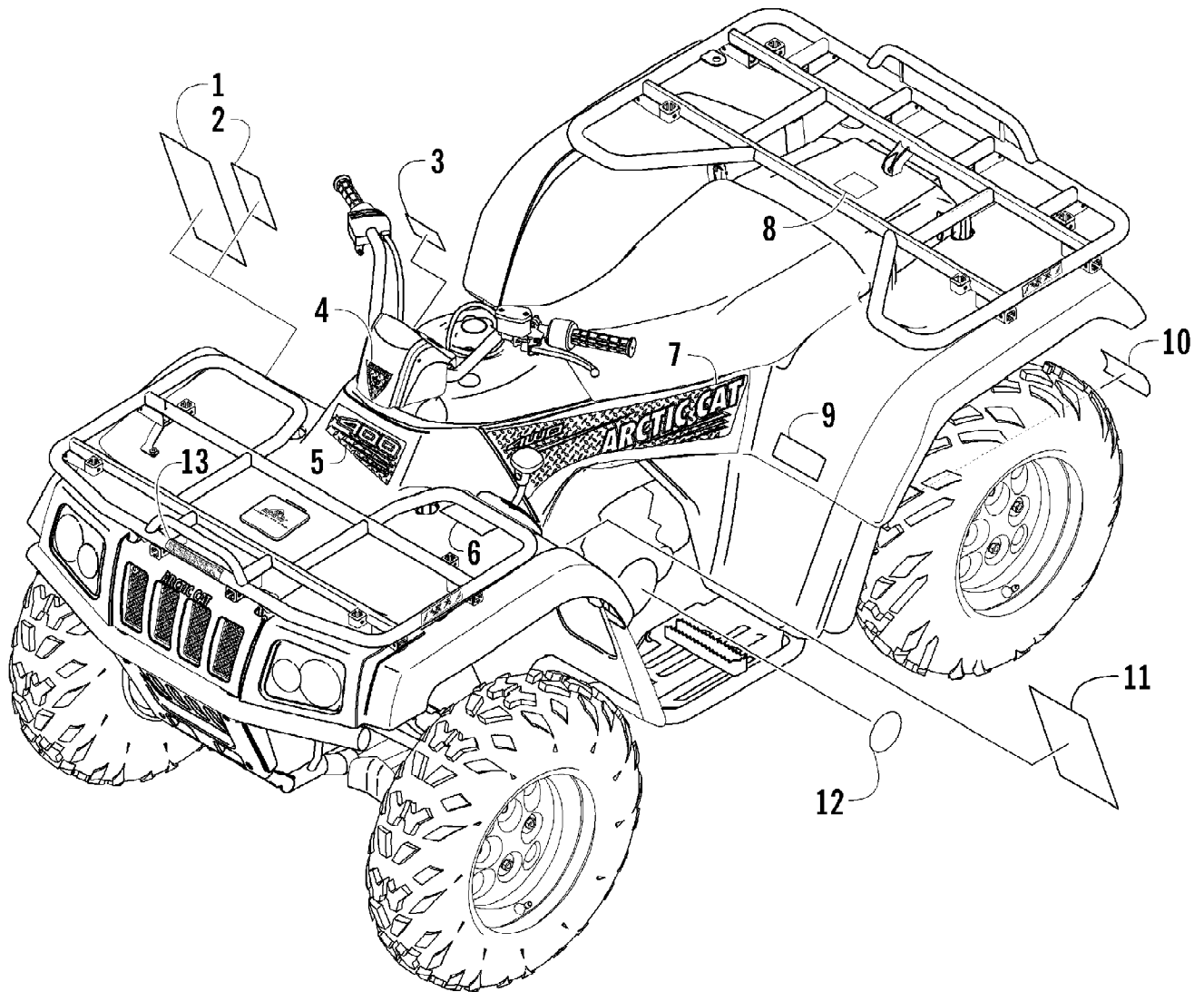
Ref #	Part Number	Qty	S/P/F	Description
1	3402-992	1	/P	Crankshaft Assembly (inc. 2-8)
2	3402-597	1		Rod, Connecting
3	3402-769	1		Pin, Crank
4	3402-571	1		Bearing
5	3423-440	2		Washer
6	3402-993	1	/P	Crankshaft - Right
7	3403-019	1	/P	Crankshaft - Left
8	3402-698	1	/P	Gear, Crank Balancer Drive
9	3402-994	2		Bearing - Middle
10	3423-768	1		Spacer
11	3402-771	1		Circlip
12	3402-216	1		Bearing - Right
13	3402-594	1		Piston
14	3402-595	1		Ring, Piston - Set
15	3436-015	1	F	Piston Set (Oversized 0.50 mm)
16	3003-439	2	/P	Circlip
17	3402-596	1		Pin, Piston
18	3402-051	1		Bearing
19	3423-063	1		O-Ring
20	3402-119	1	S	Spacer
21	3402-070	1		Seal, Oil
22	3423-053	1	/P	O-Ring
23	3402-188	1	/P	Retainer, Crankshaft Oil Seal - Left
24	3423-018	3		Screw, Retainer



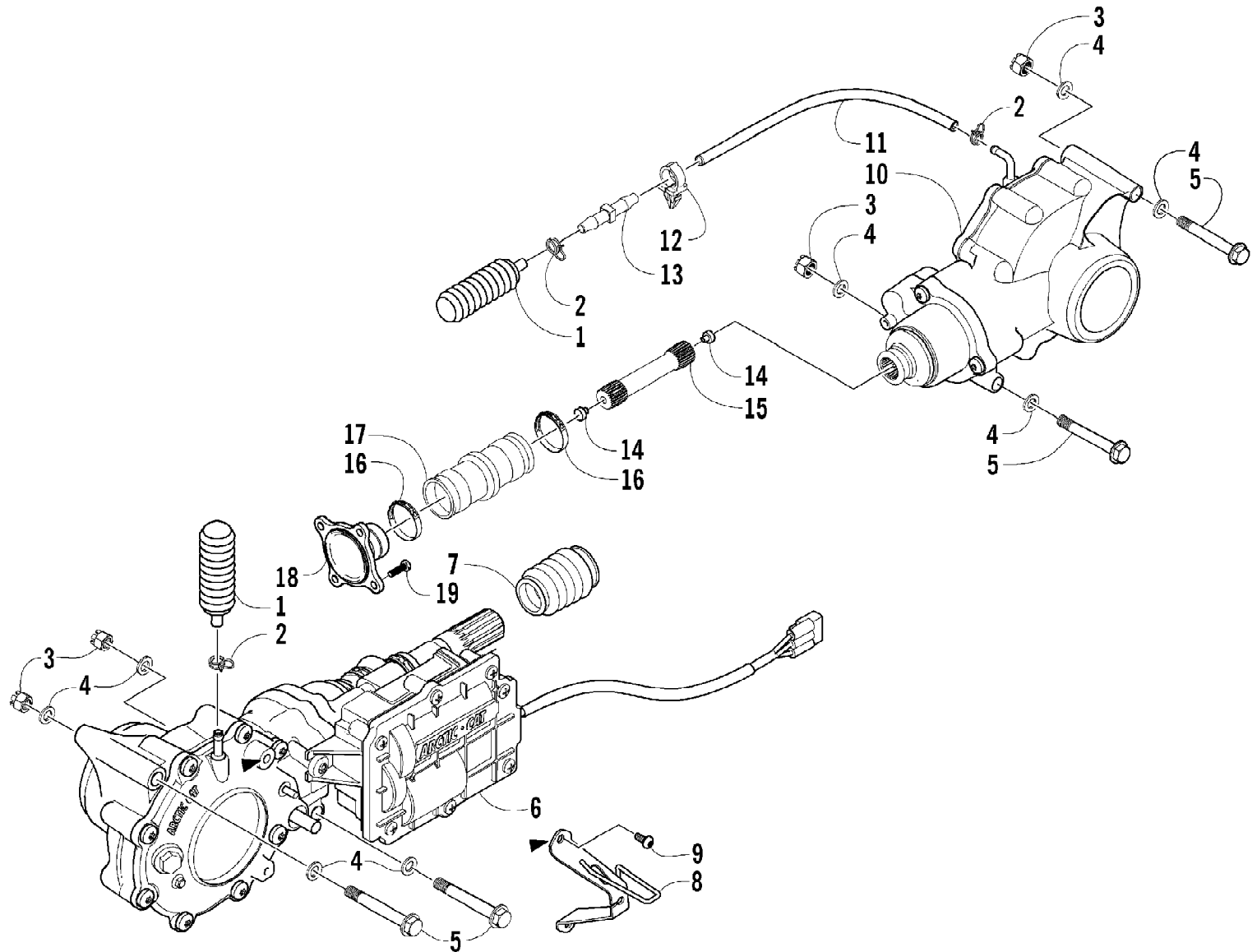
Ref #	Part Number	Qty	S/P/F	Description
1	3402-578	1	S	Cylinder
2	3423-384	2	S	Bolt, Stud
3	3004-778	2	S	Bolt, Stud
4	3423-431	2		Bolt
5	3423-432	2		Bolt
6	3423-427	2		Bolt
7	3004-488	2	S/P	Nut
8	3402-579	1		Gasket, Cylinder
9	3423-088	2		Pin, Dowel



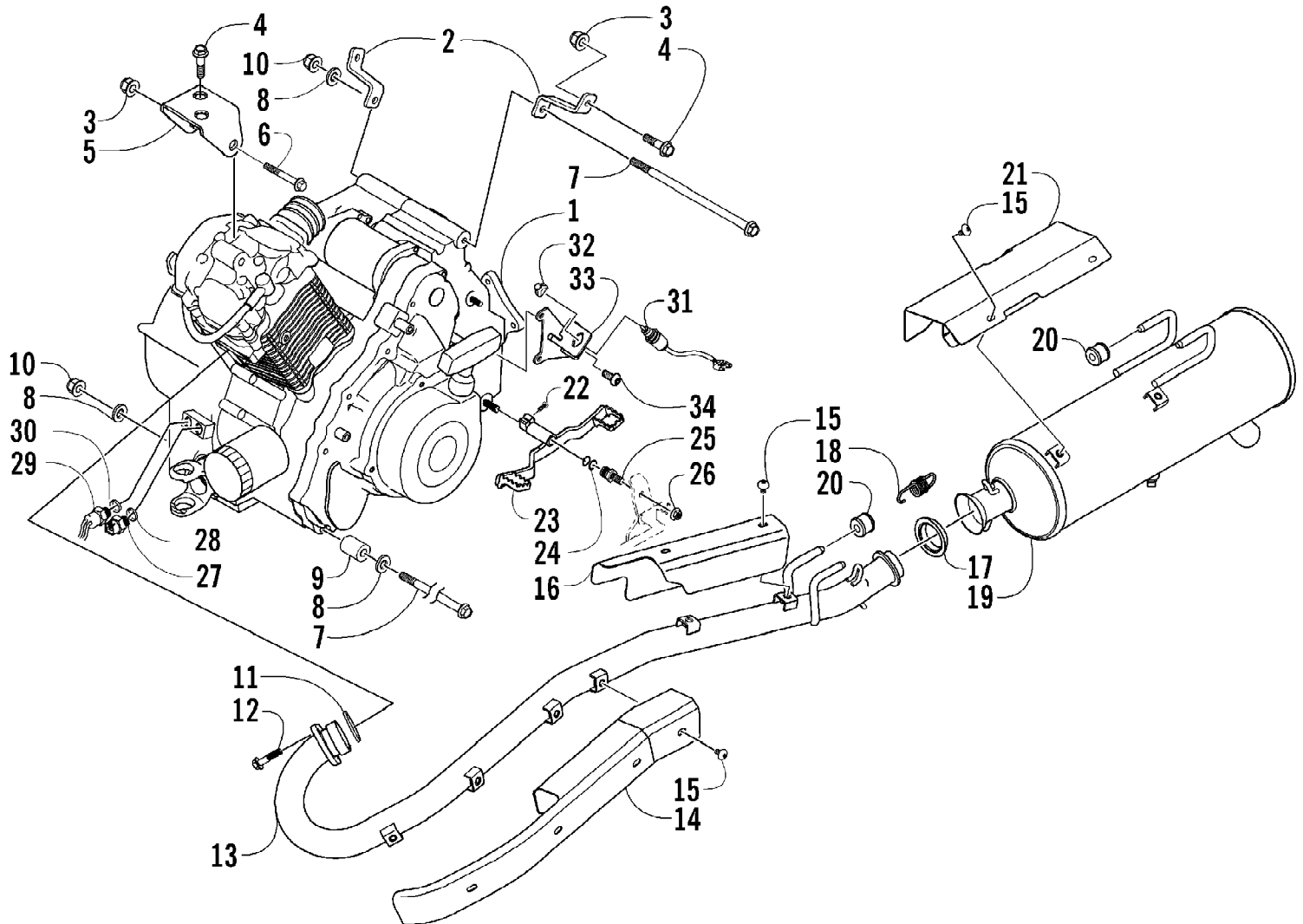
Ref #	Part Number	Qty	S/P/F	Description
1	3402-576	1	S	Head, Cylinder - Assembly (inc. 2-5)
2	3402-099	2		Guide, Valve
3	3423-068	4		Ring, Valve Guide
4	3423-043	2	/P	Pin, Dowel
5	3423-006	4		Bolt
6	3402-577	1		Gasket, Cylinder Head
7	3423-449	2		Pin, Dowel
8	3003-290	4	/P	Gasket
9	3004-326	2	S/P	Nut, Cylinder Head
10	3423-007	2	S	Bolt, Head Cover
11	3423-429	1		Bolt, Head Cover
12	3423-439	4	S	Washer, Cylinder Head Nut
13	3004-376	2	S/P	Bolt, Head Cover
14	3008-376	1	S	Bolt, Head Cover
15	3423-453	1		Plug, Oil Gallery
16	3402-011	1		Gasket, Oil Gallery Plug
17	0217-708	1		Spark Plug (NGK CR7E)
18	3402-100	2		Cap, Inspection
19	3402-101	2		O-Ring
20	3004-341	4	S/P	Bolt, Inspection Cap
21	3402-035	1		Plug, Head
22	3423-353	1	/P	O-Ring
23	8476-620	2		Screw
24	0570-076	1		Manifold, Intake
25	0423-317	1	/P	Clamp
	3402-048	1		Plug, Frost



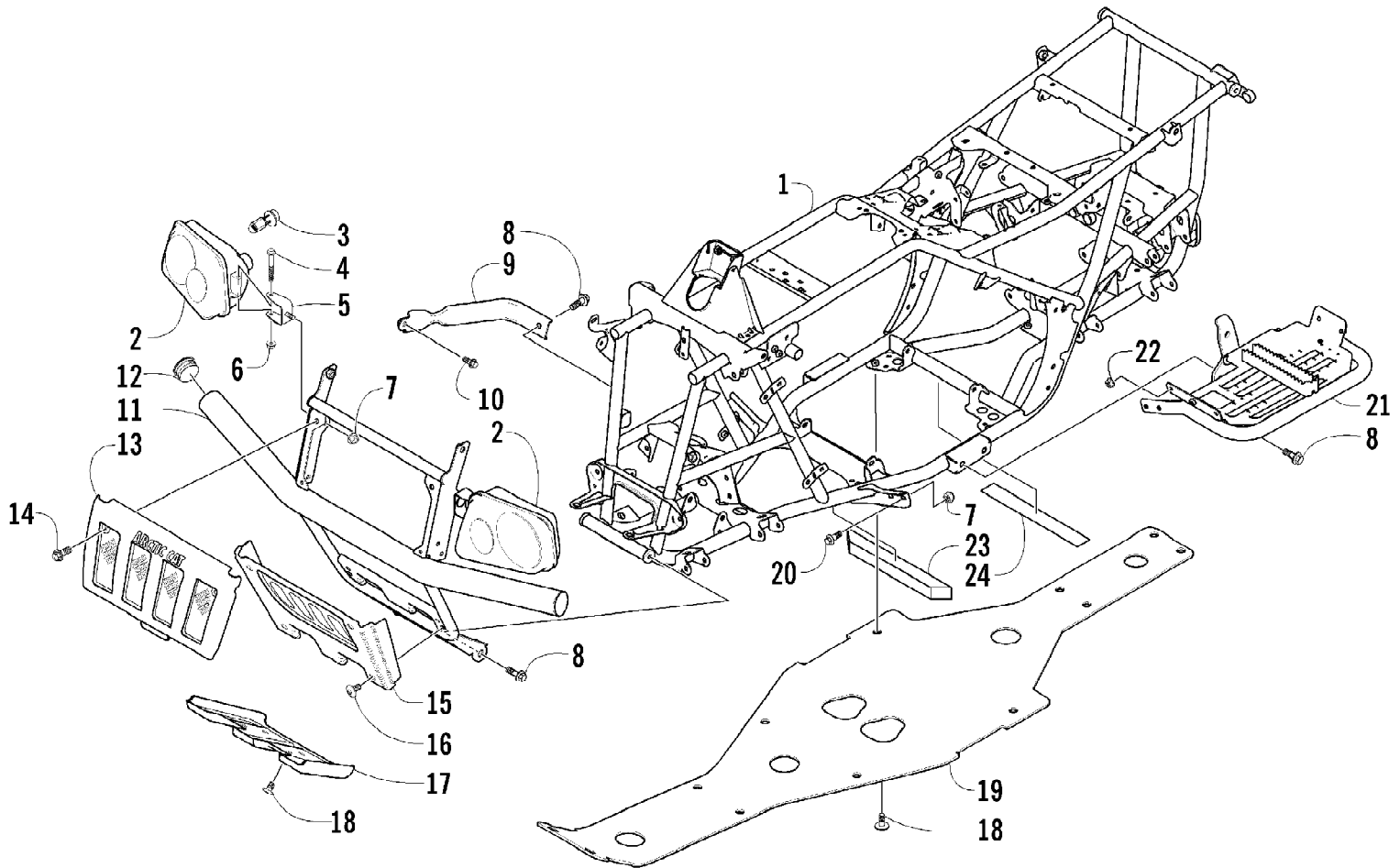
Ref #	Part Number	Qty	S/P/F	Description
1	1411-250	1		Decal, Warning - Reverse/Pre-Ride
2	0411-835	1		Decal, Warning - Turn
3	0411-763	1		Decal, Warning - Differential Lock
4	0411-780	1		Decal, Crest
5	0411-771	1		Decal, Front
6	0411-401	1		Decal, Warning - Age
7	0411-774	1		Decal, Side - Right
7	0411-775	1		Decal, Side - Left
8	0411-435	1		Decal, Passenger
9	0411-430	1		Decal, Warning - Tire Pressure
10	0411-267	1		Decal, Warning - Towing
11	0411-218	1		Decal, Warning - General
12	0411-003	1		Decal, Shift Pattern
13	0411-965	1		Decal, "Speedrack"



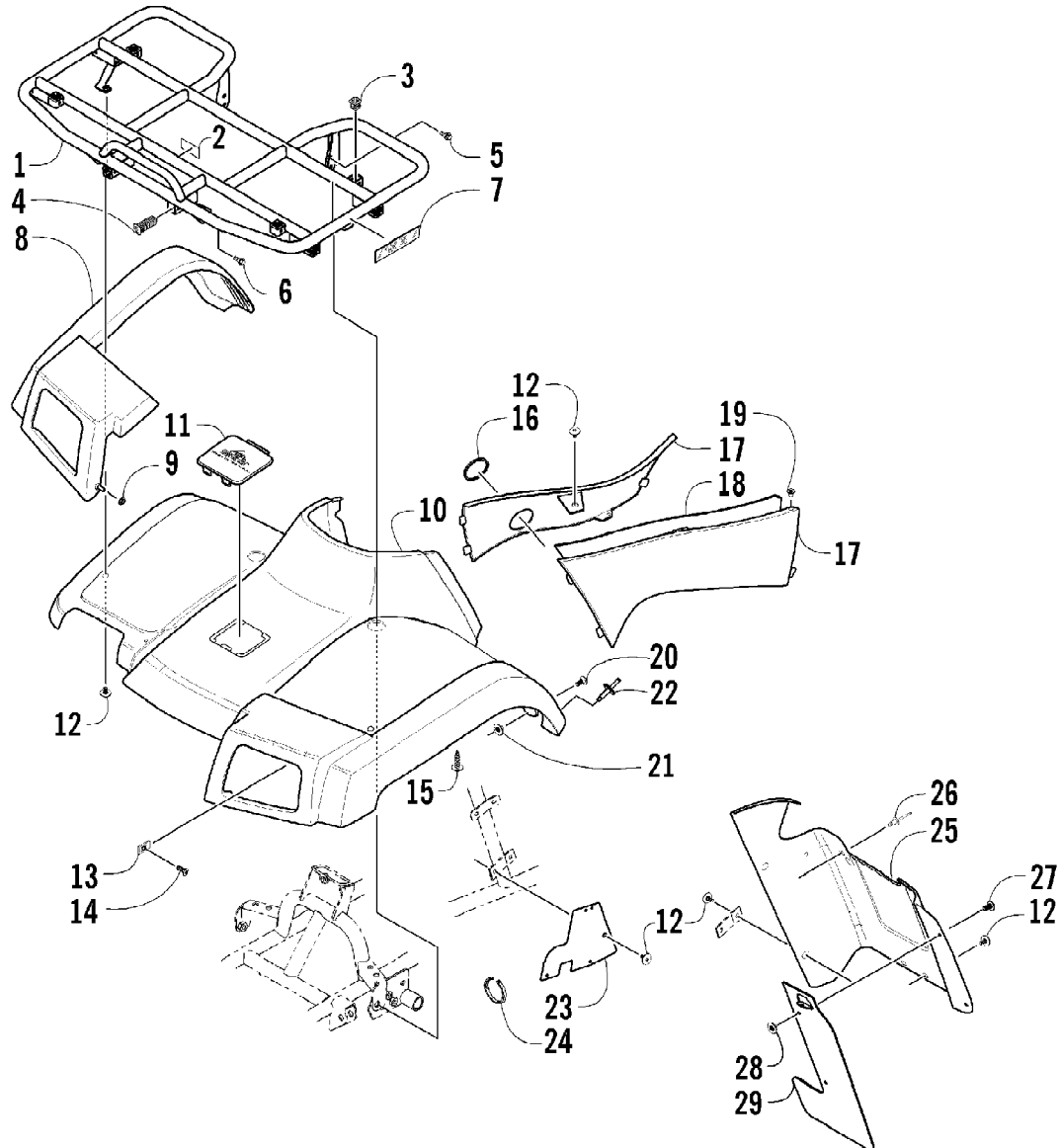
Ref #	Part Number	Qty	S/P/F	Description
1	0402-147	2	S	Bladder, Gearcase
2	0423-315	4		Clamp, Fitting
3	8428-002	4		Nut, Lock
4	0423-426	8		Washer
5	0423-404	4		Screw, Cap
6	0502-442	1		Gearcase, Front
7	0402-966	1		Boot, Shaft
8	0502-500	1		Plate, Cable
9	0423-396	3		Screw, Self-Tapping
10	0502-642	1	S	Gearcase, Rear
11	0410-049	AR		Hose, Vent
12	0623-101	1		Clip, Routing - Snap-In
13	0470-462	1		Fitting, Vent
14	0673-618	2	/P	Bumper, Propeller Shaft
15	0402-963	1		Shaft, Propeller
16	0423-393	2		Clamp, Boot
17	0402-954	1		Boot
18	0402-950	1		Flange, Output
19	8408-820	4	/P	Screw, Cap



Ref #	Part Number	Qty	S/P/F	Description
1	0462-035	1	/P	Engine
2	1506-201	1		Bracket, Engine - Right
2	1506-202	1		Bracket, Engine - Left
3	8424-802	3		Nut
4	8408-816	4		Screw, Cap
5	0506-892	1	/P	Bracket, Engine - Upper
6	8408-860	1		Screw, Cap
7	0423-405	3		Screw, Cap
8	0423-426	3		Washer, Engine
9	0423-042	2	S	Spacer, Engine
10	8428-002	3		Nut, Lock
11	0412-007	1	/P	Seal, Exhaust
12	8408-820	2	/P	Screw, Cap
13	0512-178	1	/P	Pipe, Exhaust
14	0412-220	1		Cover, Exhaust Pipe - Front
15	8477-610	8		Screw, Machine
16	0412-224	1		Cover, Exhaust Pipe - Rear
17	0612-188	1	/P	Gasket, Exhaust
18	0612-668	2	/P	Spring, Exhaust
19	0512-139	1		Muffler
20	0412-215	4	S	Bushing, Exhaust
21	0412-218	1		Cover, Muffler
22	8476-620	1		Screw, Machine
23	0502-354	1		Lever, Shift
24	1602-213	2	/P	O-Ring
25	0402-994	1		Pin, Shift Lever
26	8422-002	1		Nut
27	3530-037	1	/P	Switch, Oil Light
28	3402-556	1	/P	Gasket
29	3430-033	1		Switch, Cooling Fan
30	3402-013	1	/P	Gasket
31	0409-008	1		Switch, Reverse
32	0402-991	1		Retainer, Reverse Switch
33	1506-449	1		Bracket, Mounting - Reverse Switch (inc. 34)
34	0423-361	1		Screw, Machine



Ref #	Part Number	Qty	S/P/F	Description
1	1506-465	1	/P	Frame, Main
2	0409-032	1		Headlight Assembly - Right (inc. 3-6)
2	0409-031	1		Headlight Assembly - Left (inc. 3-6)
3	0409-045	2		Bulb, Headlight
4	8410-860	2		Screw, Cap
5	0406-945	2		Bracket, Headlight Mounting
6	0423-375	2		Nut, Flange
7	8424-802	6		Nut, Flange
8	8409-020	8	/P	Screw, Cap
9	0506-653	2	S	Channel, Bumper Mounting
10	8408-812	2		Screw, Cap
11	0506-544	1		Bumper
12	0406-130	2		Cap, Bumper
13	0406-832	1		Grille, Upper
14	0423-361	2		Screw, Machine
15	1406-420	1	/P	Grille, Bumper - Lower
16	8468-830	4		Screw, Machine
17	1441-006	1		Plate, Skid
18	0423-101	AR		Screw, Body
19	1406-030	1		Panel, Belly
20	8408-816	4		Screw, Cap
21	0506-534	1		Footrest - Right
21	0506-827	1		Footrest - Left
22	8424-602	2	/P	Nut, Flange
23	1506-067	1		Foam, Frame
24	0406-289	1		Pad, Frame



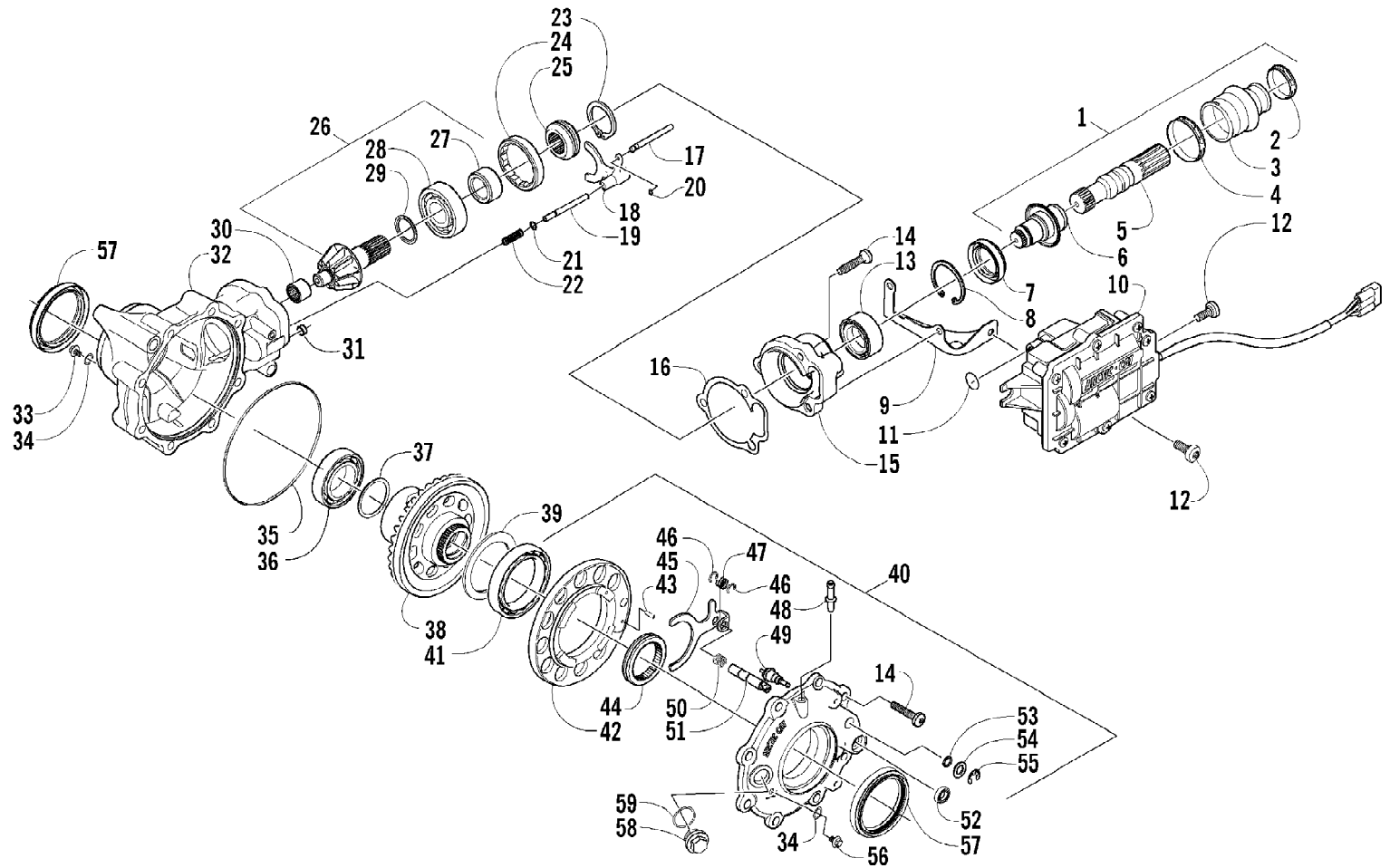
2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
FRONT BODY PANEL ASSEMBLY

Page 36 of 96

Ref #	Part Number	Qty	S/P/F	Description
1	0541-267	1		Rack - Front - Assembly (inc. 2-4)
2	0411-576	1		Decal, Warning - Front Rack Load
3	0441-592	4	/P	Bushing, Rack
4	0441-556	6		Bushing, Rack
5	8408-816	2		Screw, Cap
6	0423-360	2		Screw, Cap
7	0411-646	2		Decal, Reflector - Amber
8	1506-158	1		Flare - Front - Right
8	1506-159	1		Flare - Front - Left
9	0423-357	2		Nut, Stamped
10	1506-477	1		Panel, Fender - Front (inc. 11)
11	1406-142	1	/P	Cover, Access
12	0423-101	AR		Screw, Body
13	0423-031	2		Nut, Speed
14	8477-616	2		Screw, Machine
15	0423-342	6	/P	Screw, Self-Tapping
16	0470-404	1		Grommet, Fuel Shut-Off Valve
17	0506-548	1		Panel, Side - Right
17	0506-243	1		Panel, Side - Left
18	0412-142	1		Shield, Heat
19	0123-010	2	/P	Nut, Expansion
20	0423-356	2		Screw, Shoulder
21	0423-438	2		T-Nut w/Teeth
22	0623-362	2		Rivet, Reinstallable
23	1406-481	2		Panel, Fender - Inner - Lower
24	0123-788	AR	/P	Cable Tie - 7.5 in.
25	1506-221	1	S	Panel, Kick - Right
25	1506-193	1		Panel, Kick - Left
26	0423-046	AR		Rivet, Plastic
27	0423-361	4		Screw, Machine
28	0423-077	4	/P	T-Nut w/Teeth
29	1506-194	2		Extension, Flare

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
FRONT DRIVE GEARCASE ASSEMBLY

Page 37 of 96

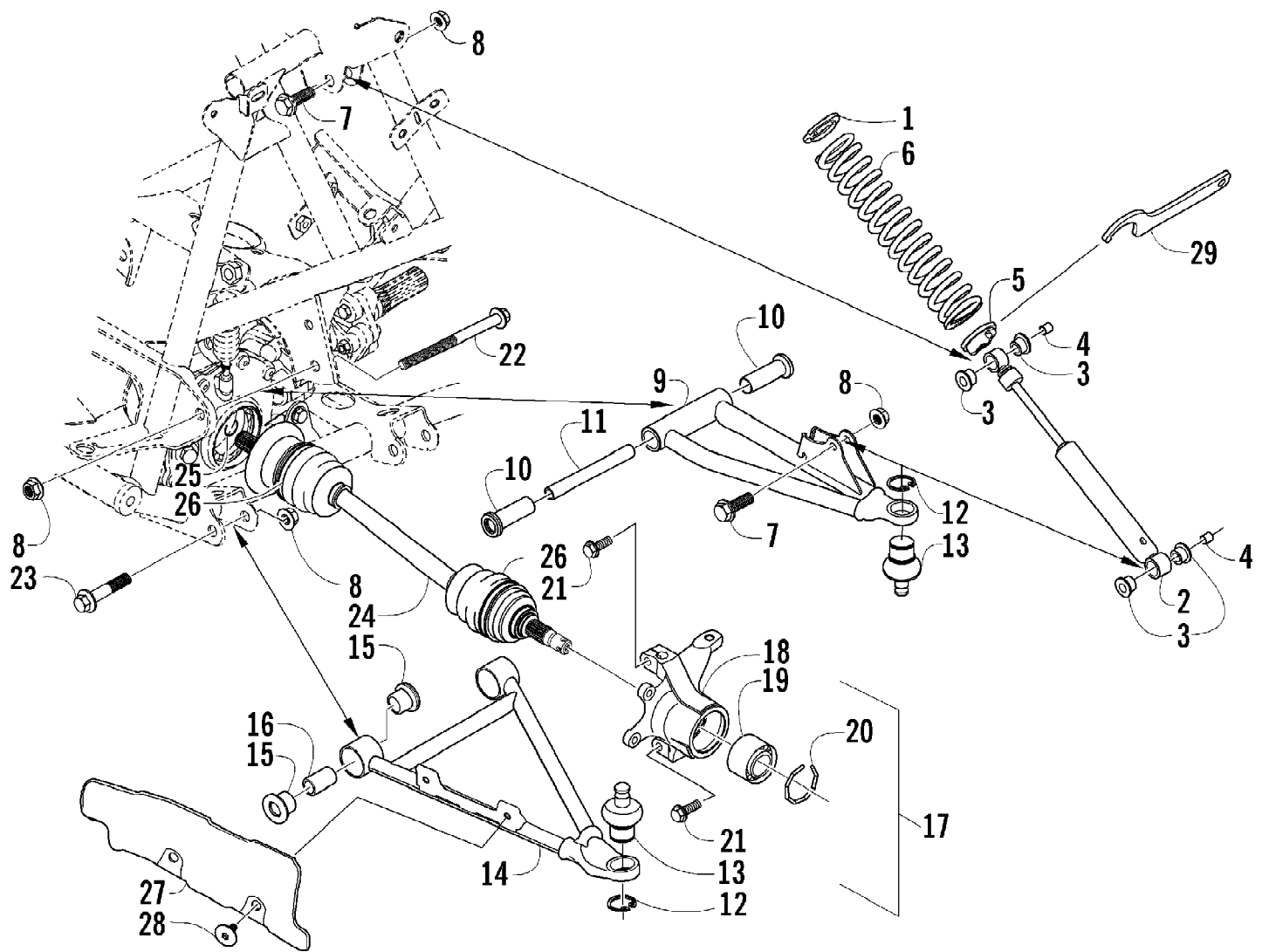


2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
FRONT DRIVE GEARCASE ASSEMBLY

Page 38 of 96

Ref #	Part Number	Qty	S/P/F	Description
	0502-442	1		Front Grive Gearcase Assembly
1	0502-386	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	1402-046	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	1	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	0502-123	1		Gear, Pinion - Assembly - 10T (inc. 27-29)
27	0402-336	1		Collar, Retaining
28	0402-327	1		Bearing
29	0402-424	AR		Shim
29	0402-425	AR		Shim
29	0402-426	AR		Shim
29	0402-427	AR		Shim
29	0402-428	AR		Shim
30	0402-328	1		Bearing
31	0402-411	1		Pin, Dowel
32	0502-514	1		Housing, Gearcase
33	1402-210	1	/P	Plug, Magnetic (inc. one No. 34)
34	0423-153	2		O-Ring
35	0423-149	1		O-Ring
36	0402-393	1		Bearing
37	0402-405	AR		Shim
37	0402-406	AR		Shim
37	0402-407	AR		Shim
37	0402-408	AR		Shim
37	0402-409	AR		Shim
38	0502-411	1		Gear, Ring - 36T
39	1402-074	AR		Shim
39	1402-075	AR		Shim
39	1402-076	AR		Shim
39	1402-077	AR		Shim
39	1402-078	AR		Shim

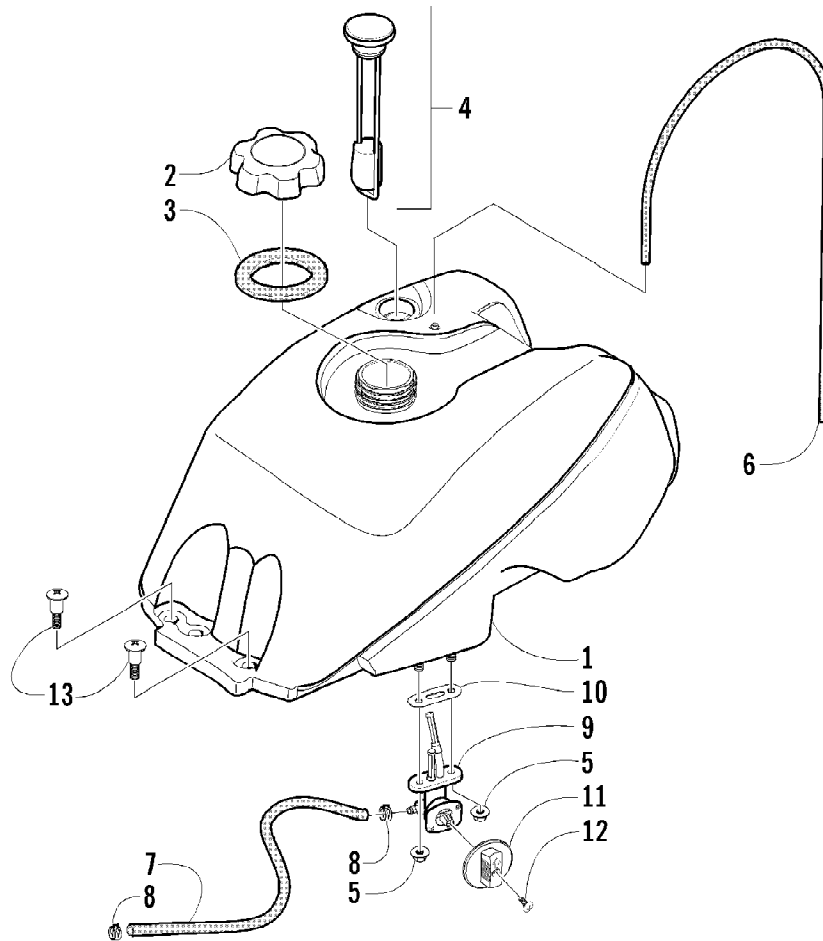
Ref #	Part Number	Qty	S/P/F	Description
40	0502-434	1		Cover, Gearcase (inc. one No. 34, 41-56, and one No. 57)
41	1402-053	1		Bearing
42	0502-413	1		Flange, Bearing
43	1402-079	1		Pin, Parallel
44	1402-042	1		Collar, Sliding
45	1402-054	1		Fork
46	1402-058	2		Ring, Retaining
47	1402-057	1		Spring
48	1402-104	1		Fitting
49	0402-419	1		Switch, Indicator
50	1402-063	1		Spring
51	1402-055	1		Shaft, Lock
52	1402-056	1		Seal
53	0423-133	1		O-Ring
54	0423-132	1		Washer
55	0423-424	1		Ring, Retaining
56	1402-211	1		Plug, Oil Level (inc. one No. 34)
57	0402-394	2	S	Seal
58	0402-333	1	/P	Plug, Fill (inc. 59)
59	0423-154	1		O-Ring



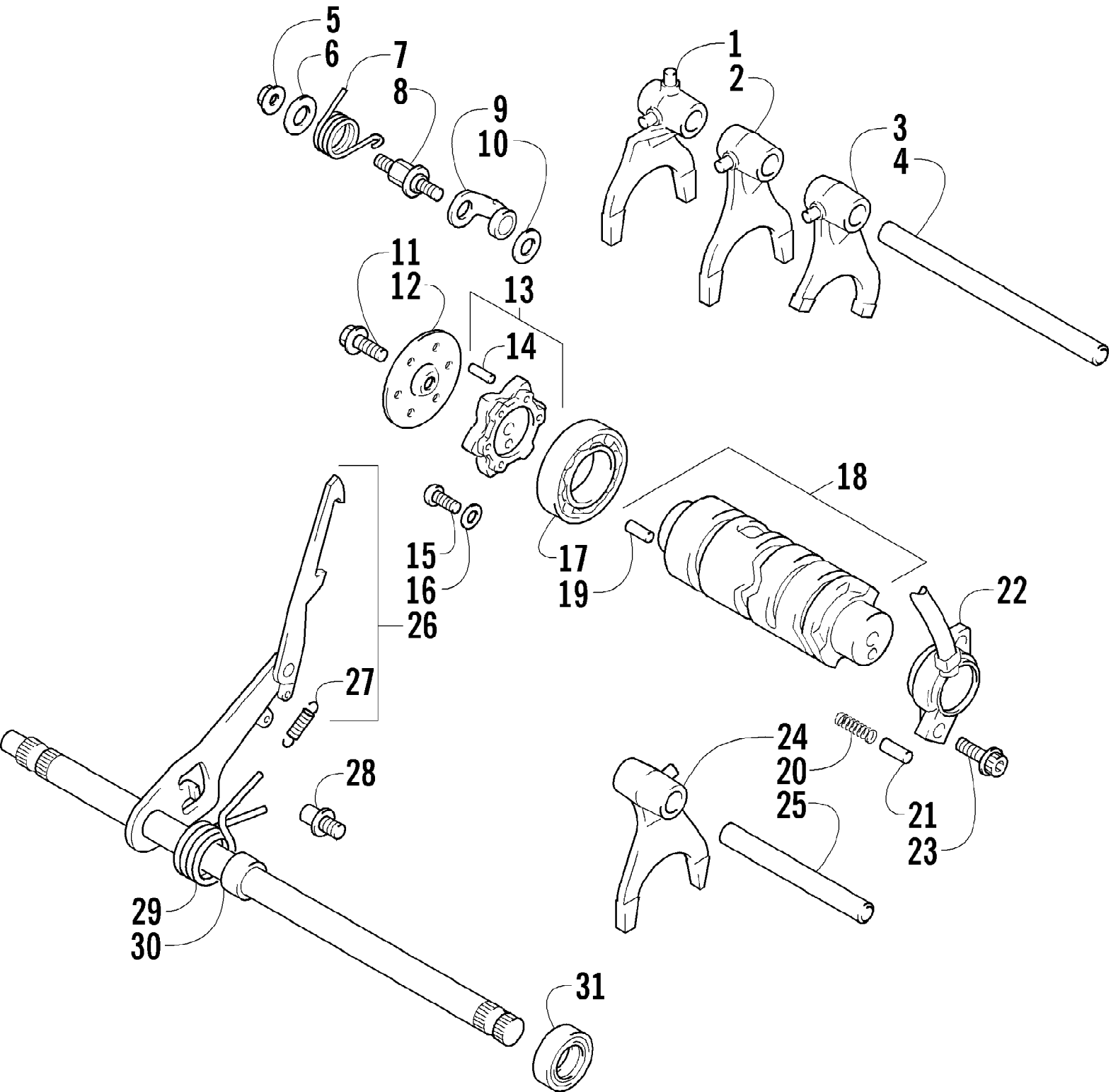
2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
FRONT SUSPENSION ASSEMBLY

Page 41 of 96

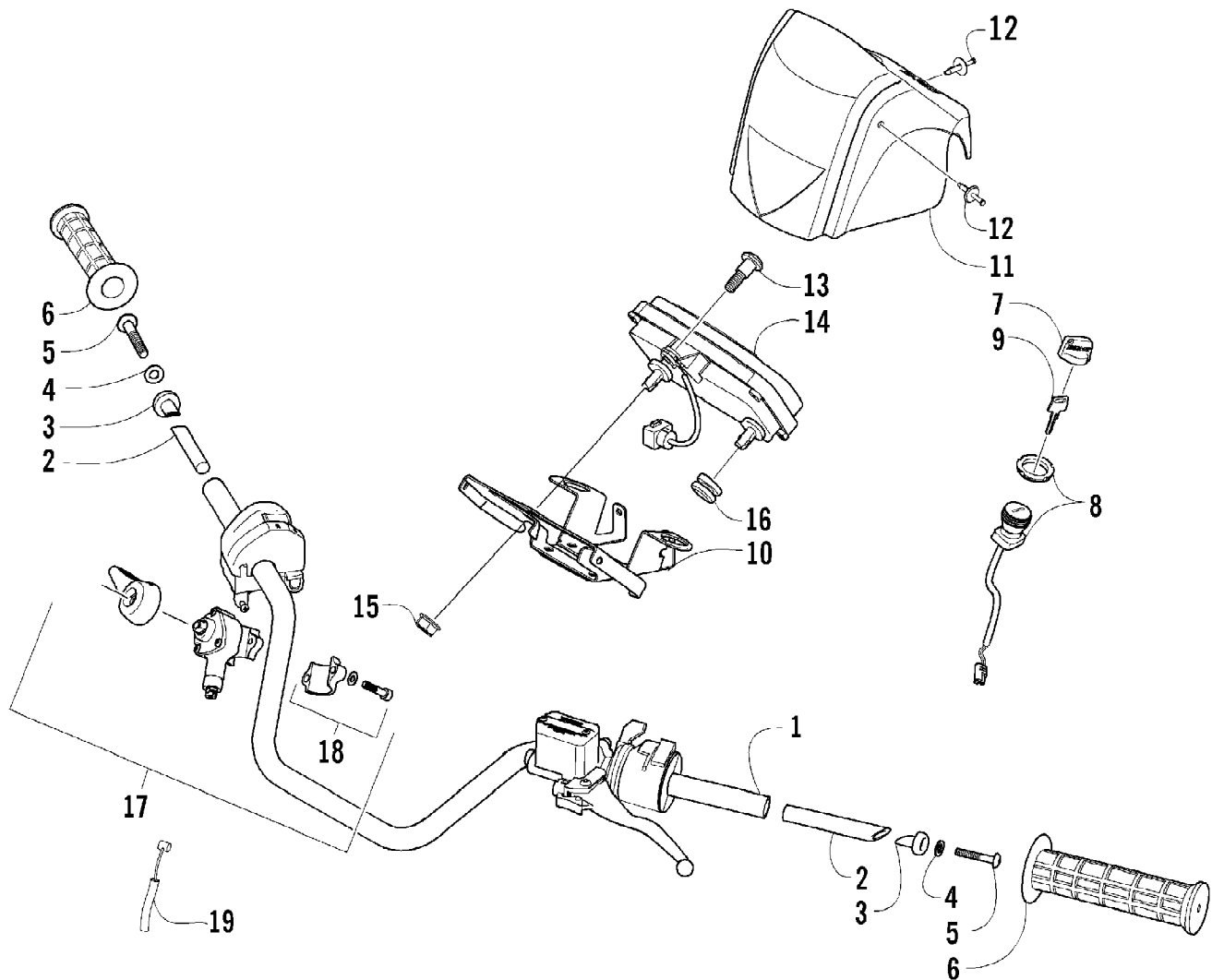
Ref #	Part Number	Qty	S/P/F	Description
1	1603-889	2	/P	Retainer, Spring
2	0403-127	2		Shock Absorber - Front (inc. 3-4)
3	0604-310	8		Bushing, Shock Absorber
4	0403-028	4		Sleeve, Shock
5	0403-102	2		Cam, Spring Adjuster
6	0403-129	2	S	Spring, Shock Absorber
7	8409-040	4		Screw, Cap
8	8428-002	10		Nut, 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	0505-446	1	/P	Knuckle - Assembly - Right (inc. 18-20)
17	0505-447	1	/P	Knuckle - Assembly - Left (inc. 18-20)
18	0	1		Knuckle, Steering - Right Not a Service Part
18	0	1		Knuckle, Steering - Left Not a Service Part
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	0502-542	1		Axle, Drive - Front - Right (inc. 25-26)
24	0502-547	1		Axle, Drive - Front - Left (inc. 25-26)
25	0441-400	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, Body
29	0441-587	1		Wrench, Spanner



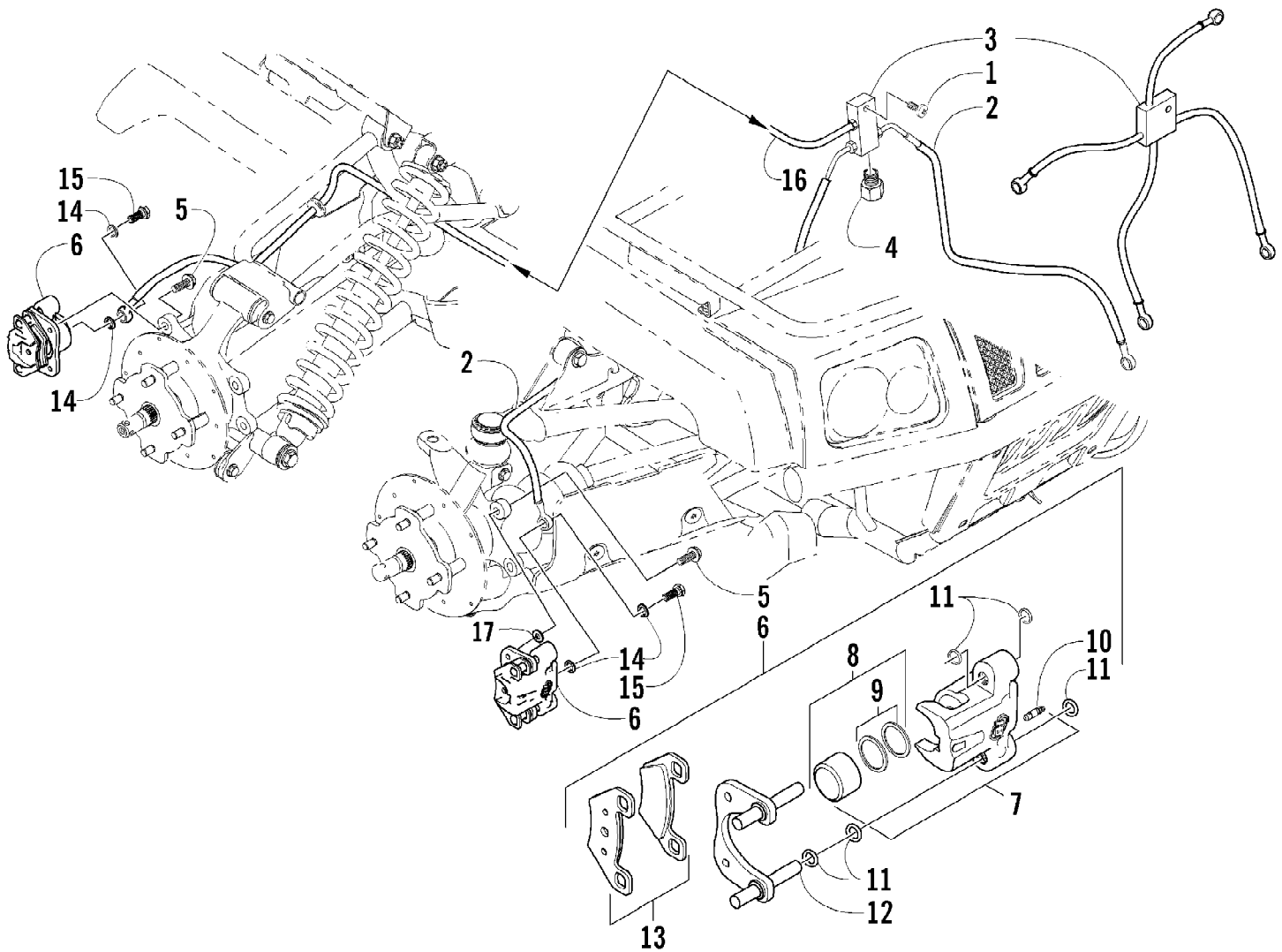
Ref #	Part Number	Qty	S/P/F	Description
1	0570-066	1	/P	Tank, Gas - Assembly (inc. 2-10)
2	0470-438	1	/P	Cap, Gas Tank (inc. 3)
3	0109-733	1	/P	Gasket, Tank Cap
4	0570-086	1	/P	Gauge, Fuel w/Gasket (Press-Fit)
5	0423-398	2		Nut, Lock
6	0470-416	1	/P	Hose, Vent
7	0610-007	AR	/P	Hose, Gasline - 25 ft
8	0423-152	2		Clamp, Hose
9	0470-445	1	/P	Valve, Fuel Shut-Off (inc. 10)
10	0470-364	1		Gasket, Fuel Shut-Off Valve
11	0470-408	1		Knob, Fuel Shut-Off Valve
12	0423-146	1		Screw, Machine
13	0423-130	2		Screw, Shoulder



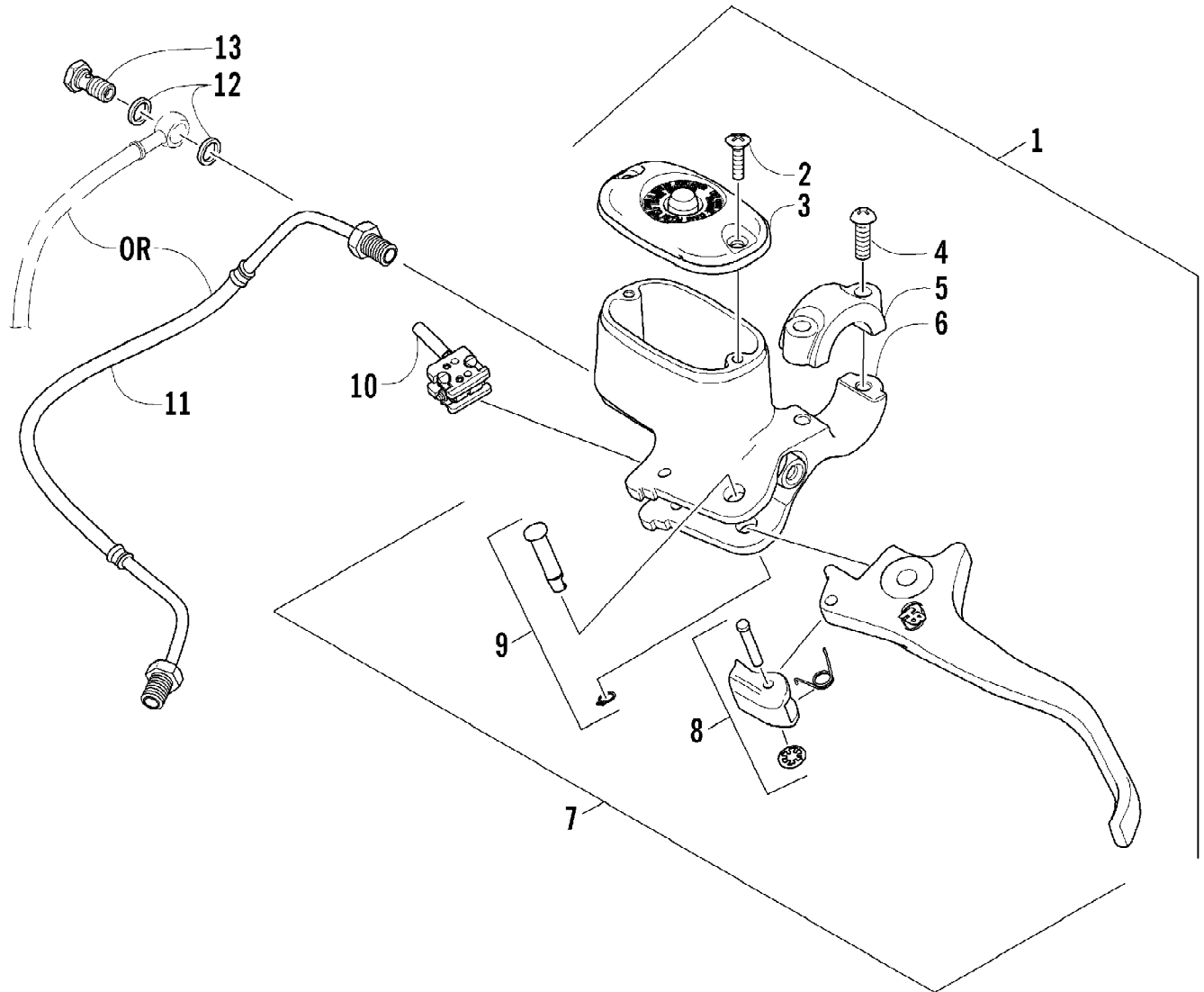
Ref #	Part Number	Qty	S/P/F	Description
1	3446-306	1		Fork, Gear Shift - Reverse
2	3446-155	1		Fork, Gear Shift - No. 1
3	3446-156	1		Fork, Gear Shift - No. 2
4	3402-643	1		Shaft, Gear Shift Fork - No. 2
5	3004-488	1	S/P	Nut
6	3423-142	1		Washer
7	3423-521	1	S	Spring, Gear Shift Cam Stopper
8	3446-048	1		Support, Gear Shift Cam Stopper
9	3402-746	1		Stopper, Gear Shift Cam
10	3423-141	1		Washer
11	3423-125	1	S	Bolt
12	3446-309	1	/P	Guide, Gear Shift
13	3446-049	1		Plate, Gear Shift Cam (inc. 14)
14	3423-045	5		Pin
15	3423-370	2		Screw
16	3423-135	2		Retainer
17	3402-051	1		Bearing, Gear Shift Cam
18	3446-308	1		Cam, Gear Shift (inc. 19)
19	3423-114	1	/P	Pin
20	3402-087	2		Spring
21	3423-044	2		Contact
22	3446-313	1		Base, Neutral Switch
23	3423-418	2		Bolt
24	3446-157	1		Fork, Gear Shift - No. 3
25	3446-307	1		Shaft, Gear Shift Fork - No. 1
26	3446-310	1		Shaft, Gear Shift (inc. 27)
27	3402-093	1		Spring
28	3446-056	1		Stopper, Gear Shift Shaft
29	3402-094	1		Spring, Return
30	3446-054	1		Spacer, Gear Shift Shaft
31	3402-068	1	/P	Seal, Oil



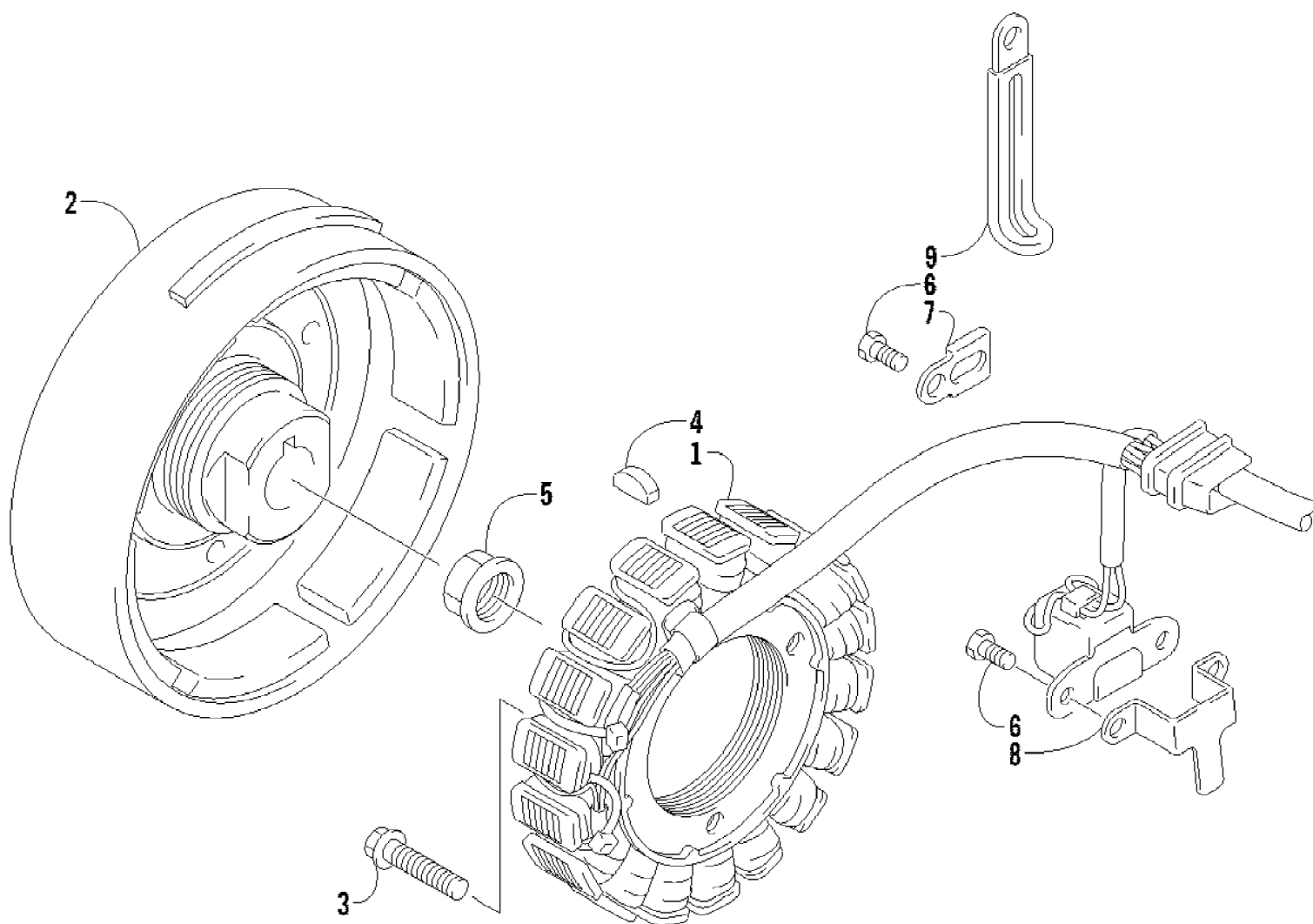
Ref #	Part Number	Qty	S/P/F	Description
1	0505-448	1		Tube, Handlebar
2	0405-148	2		Plug, Handlebar
3	0405-149	2		End Cap, Handlebar
4	8050-247	2	/P	Washer
5	8477-845	2		Screw, Machine
6	0405-147	2		Grip, Handlebar
7	0409-013	1		Cover, Key
8	3430-040	1		Switch, Ignition - Assembly (inc. 9)
9	3409-007	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	1506-423	1		Bracket, Mounting - Instrument Pod
11	0405-133	1		Instrument Pod
12	0623-362	4		Rivet, Reinstallable
13	0423-356	1		Screw, Shoulder
14	0420-051	1		Gauge, Digital
15	8424-602	1	/P	Nut, Flange
16	0423-448	2		Grommet
17	0502-527	1		Control, Differential Lock (inc. 18)
18	0502-613	1		Clamp, Differential Lock Control - Kit
19	0487-030	1	S	Cable, Differential Lock



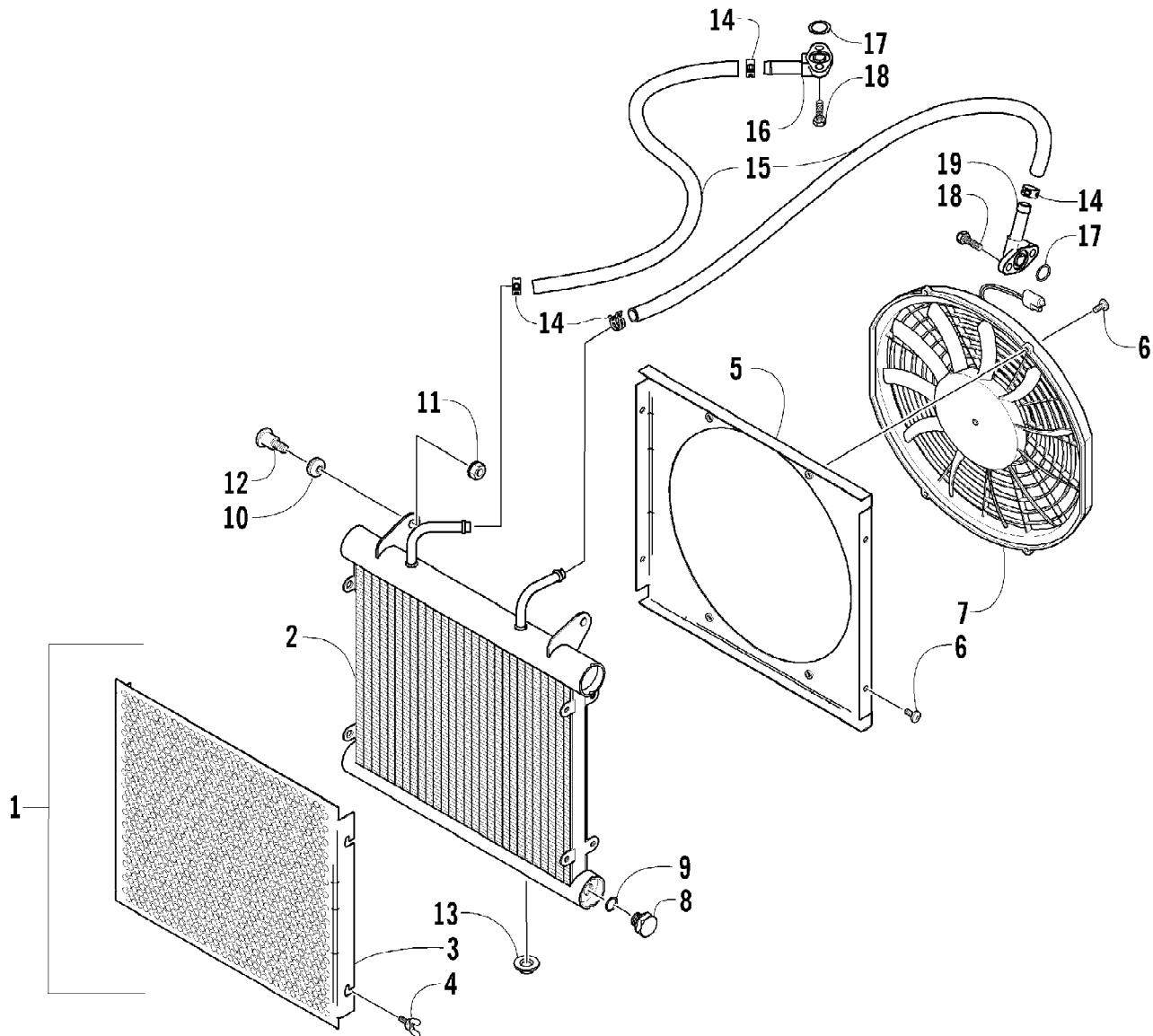
Ref #	Part Number	Qty	S/P/F	Description
1	8476-625	1		Screw, Cap
2	1402-231	1	F	Hose, Brake - Front - Right
2	1402-232	1	F	Hose, Brake - Front - Left
3	1402-086	1	F	Block, Junction - Rectangular
3	0502-625	1	F	Block, Junction - Square
4	1402-031	1	F	Plug
5	8408-820	6	/P	Screw, Cap
6	0502-602	1	S	Caliper, Brake - Right Front (inc. 7-13)
6	0502-610	2	S	Caliper, Brake - Left Front and Right Rear (inc. 7-13)
7	0502-603	1	S	Housing, Caliper - Assembly - Right Front (inc. 8-10)
7	0502-611	2	S	Housing, Caliper - Assembly - Left Front and Right Rear (inc. 8-10)
8	0502-606	3		Piston/Seal Set (inc. 9)
9	0502-607	3		Seal Set
10	0502-609	3	/P	Valve, Bleed
11	0502-608	3		O-Ring, Guide - Set
12	0502-605	3		Bracket Assembly
13	0502-604	3	S	Pad, Brake - Set
14	0423-178	6		Washer, Crush
15	0423-413	3		Bolt, Banjo Fitting
16	1402-204	1	F	Hose, Brake - Rear
17	0423-562	4		Spacer



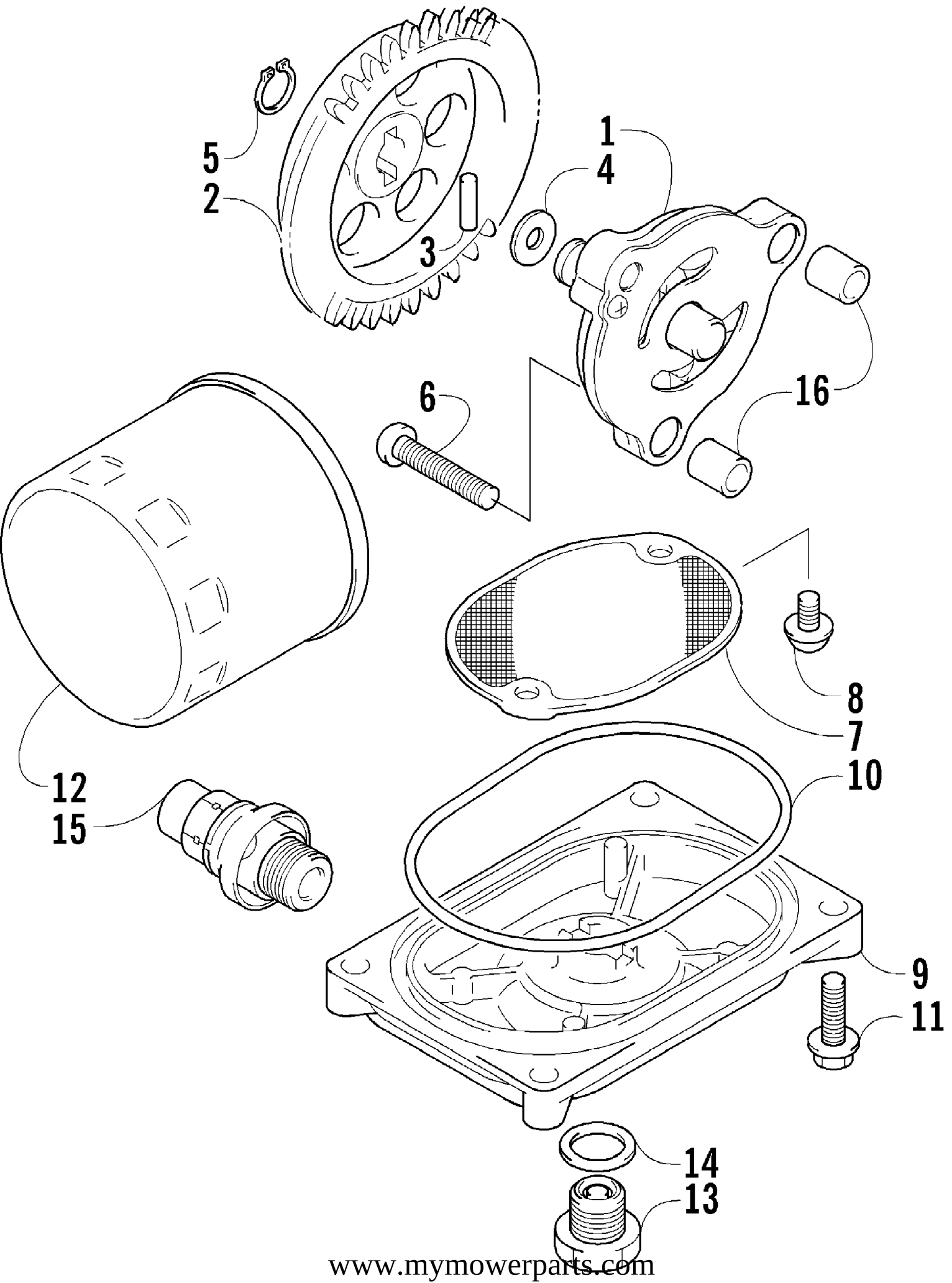
Ref #	Part Number	Qty	S/P/F	Description
1	0502-620	1	S/P/F	Brake Assembly (inc. 2-10)
1	0502-703	1	S/F	Brake Assembly
2	0502-566	1		Screw, Reservoir Cover - Kit
3	0502-565	1	F	Cover, Reservoir - Kit
3	0502-706	1	S/F	Cover, Reservoir - Kit
4	0502-568	1		Screw, Master Cylinder Clamp - Kit
5	0502-567	1	F	Clamp, Master Cylinder - Kit
5	0502-705	1	F	Clamp, Master Cylinder - Kit
6	0502-633	1	F	Master Cylinder Assembly - Kit
6	0502-704	1	F	Master Cylinder Assembly - Kit
7	0502-634	1	/P	Lever Assembly - Kit (inc. 8-9)
8	0502-635	1		Lock, Brake Lever - Kit
9	0502-580	1		Lever Pin - Kit
10	0502-564	1	/P	Switch, Brake - Kit
11	1402-212	1	F	Brakeline, Hydraulic
12	0423-178	2	F	Washer, Crush
13	0423-413	1	F	Bolt, Banjo Fitting



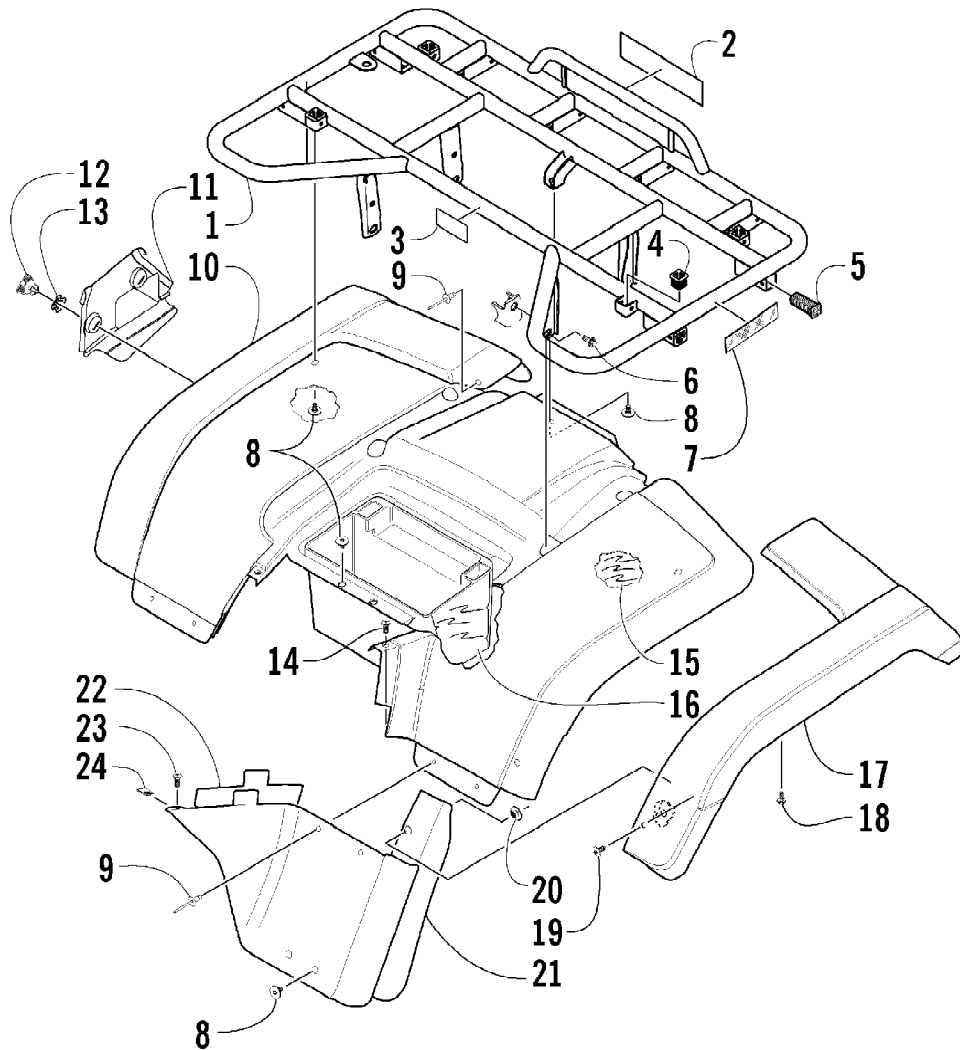
Ref #	Part Number	Qty	S/P/F	Description
1	3430-053	1		Stator Assembly
2	3430-054	1	S	Rotor/Flywheel
3	3004-756	3	S	Bolt
4	0691-785	1		Key
5	3423-086	1		Nut
6	3423-005	3	/P	Bolt
7	3430-005	1		Clamp
8	3430-006	1		Clamp
9	3002-964	1	/P	Clamp, Wire



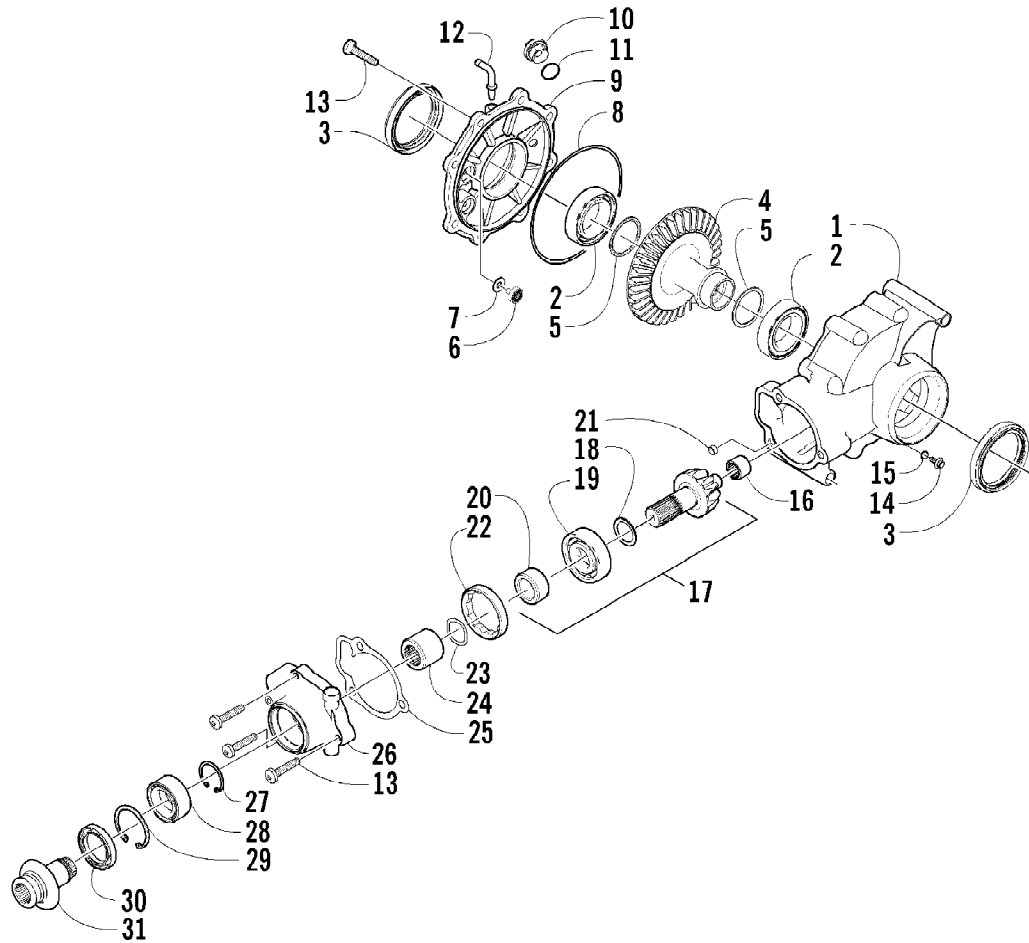
Ref #	Part Number	Qty	S/P/F	Description
1	0413-118	1		Cooler, Oil - Assembly (inc. 2-10)
2	0413-053	1		Cooler, Oil
3	0413-007	1		Screen, Oil Cooler
4	0413-009	4		Screw, Thumb
5	0413-064	1		Shroud, Fan
6	8475-512	8		Screw, Machine
7	0413-123	1	/P	Fan, Cooling
8	0413-058	1		Plug, Drain
9	0413-059	1		O-Ring
10	0423-030	2		Grommet
11	0623-038	2		Nut w/Washer
12	0423-484	2		Screw, Shoulder
13	0423-028	2		Bushing, Stem
14	0423-098	4	/P	Clamp, Hose
15	0410-044	2		Hose, Oil
16	0410-013	1		Fitting, Oil
17	0423-089	2		O-Ring, Oil Fitting
18	8471-616	4		Screw, Cap
19	0410-012	1		Fitting, Oil - Angled



Ref #	Part Number	Qty	S/P/F	Description
1	3402-619	1		Pump, Oil
2	3402-618	1		Gear, Driven
3	3423-046	1		Pin
4	3423-443	1		Washer
5	3423-184	1	S	Circlip
6	3423-113	3	S/P	Screw
7	3402-156	1		Strainer, Oil
8	0693-389	2	S	Screw
9	3402-157	1		Cap, Oil Strainer
10	3423-077	1		O-Ring
11	3004-756	4	S	Screw, Cap
12	0436-146	1	S	Filter, Oil
13	3403-021	1	/P	Plug, Drain
14	3402-012	1		Gasket, Drain Plug
15	3402-773	1		Valve, Assembly - Oil Relief
16	3005-206	2	/P	Pin, Oil Pump



Ref #	Part Number	Qty	S/P/F	Description
1	0541-268	1		Rack - Rear - Assembly (inc. 2-5)
2	0411-814	1	/P	Decal, "Arctic Cat"
3	0411-648	1		Decal, Warning - Rear Rack Load
4	0441-592	4	/P	Bushing, Rack
5	0441-556	8		Bushing, Rack
6	8409-020	4	/P	Screw, Cap
7	0411-647	2		Decal, Reflector - Red
8	0423-101	AR		Screw, Body
9	0423-046	AR		Rivet, Plastic
10	1506-520	1	/P	Panel, Fender - Rear
11	1406-408	1		Shield, Fuse Block
12	1406-409	2		Key, Fuse Block Shield
13	1406-410	2	S	Spring, Fuse Block Shield
14	0423-068	2		Screw, Machine
15	0412-124	1		Shield, Heat
16	0412-147	1		Shield, Heat
17	0506-552	1		Flare, Rear - Right
17	0506-553	1		Flare, Rear - Left
18	0423-342	6	/P	Screw, Self-Tapping
19	0423-355	2		Screw, Shoulder
20	0423-438	2		T-Nut w/Teeth
21	1506-350	1		Fender Extension - Rear - Right
21	0406-085	1		Fender Extension - Rear - Left
22	0412-140	1		Shield, Heat
23	0623-309	2		Screw, Self-Tapping
24	0423-060	2		Clip, Tinerman



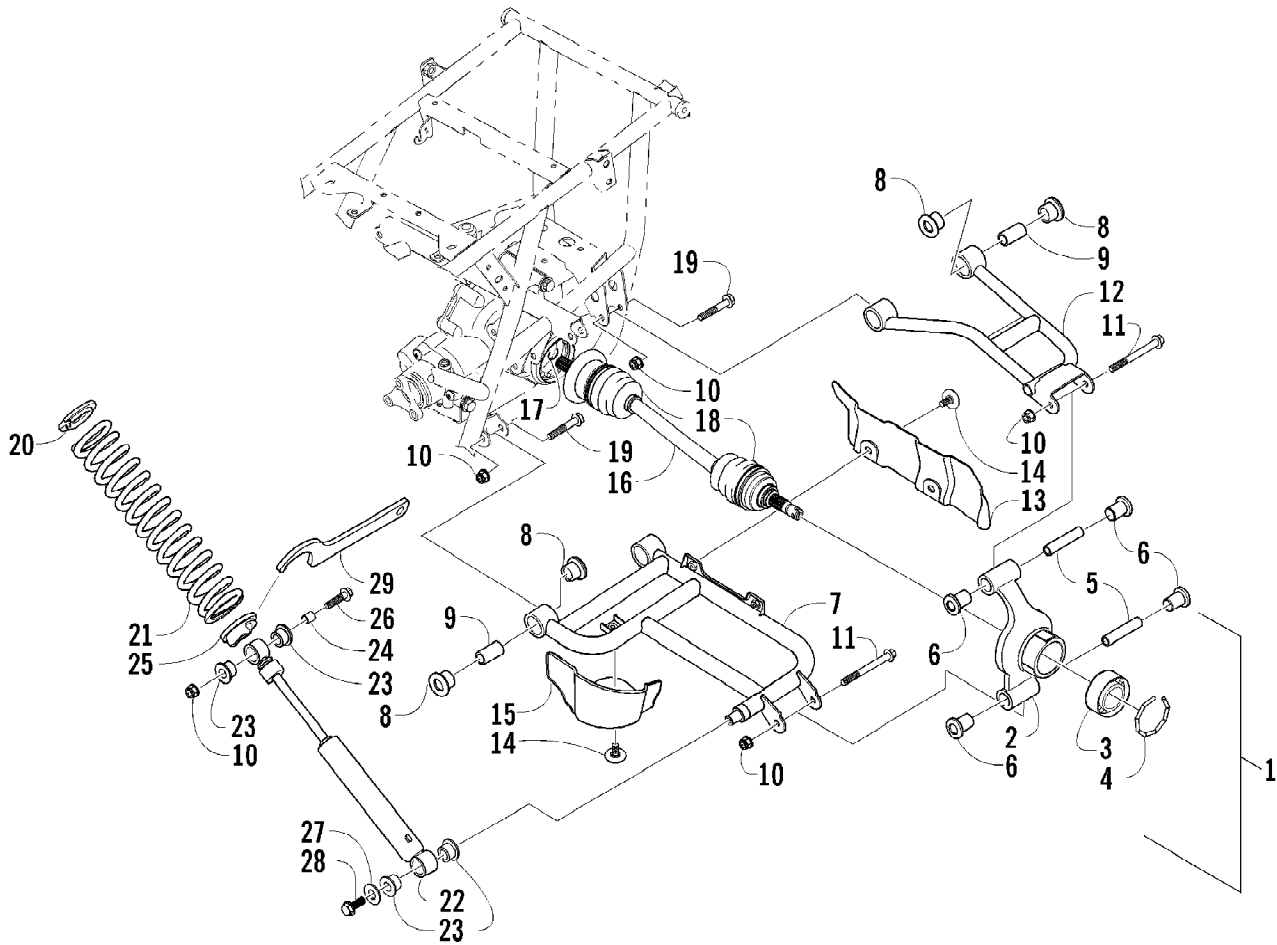
2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
REAR DRIVE GEARCASE ASSEMBLY

Page 61 of 96

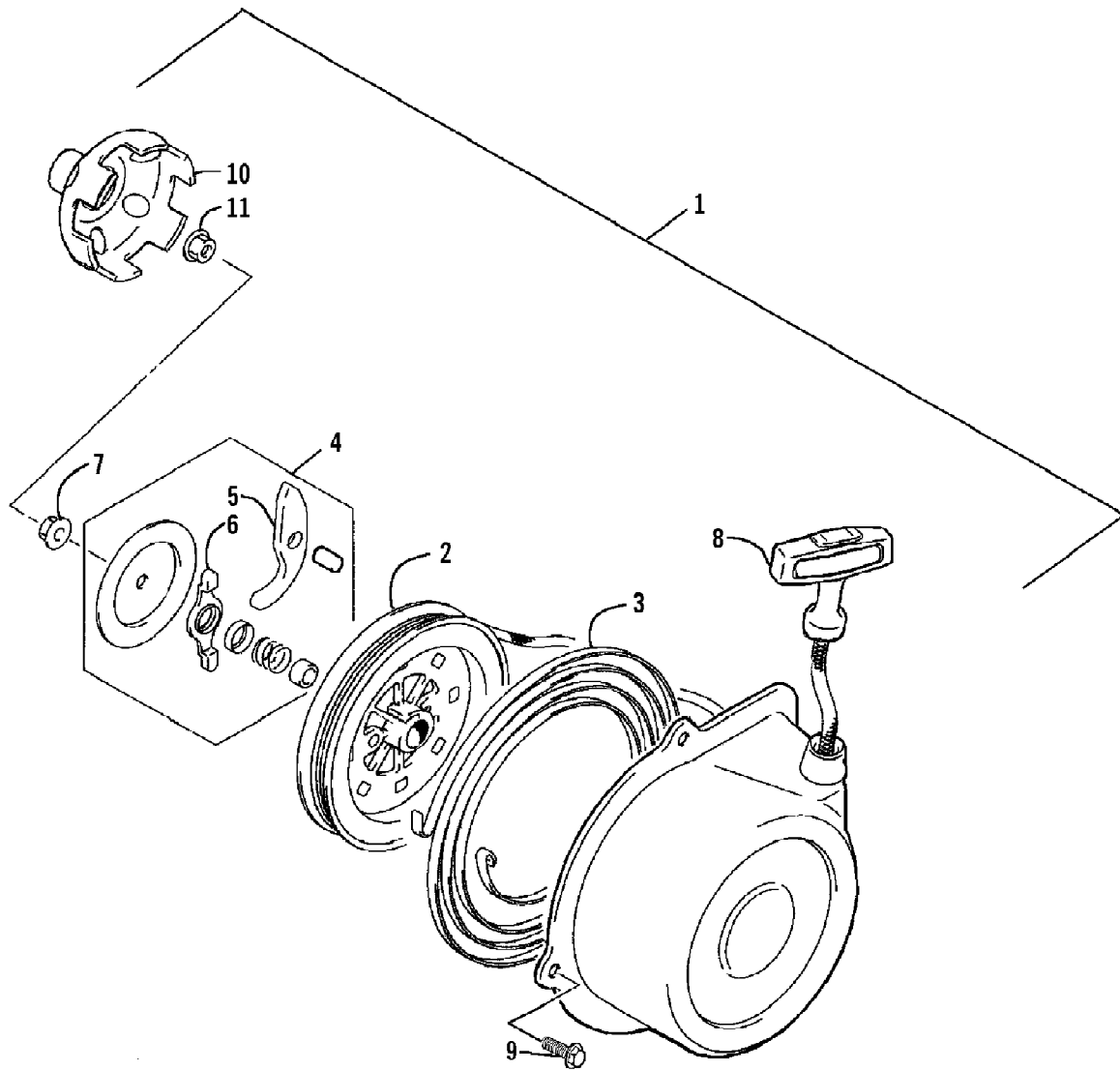
Ref #	Part Number	Qty	S/P/F	Description
	0502-642	1	S	Rear Drive Gearcase Assembly
1	0502-352	1		Housing, Gearcase
2	0402-393	2		Bearing
3	0402-394	2	S	Seal
4	1402-032	1		Gear, Ring - 36T
5	0402-405	AR		Shim
5	0402-406	AR		Shim
5	0402-407	AR		Shim
5	0402-408	AR		Shim
5	0402-409	AR		Shim
6	0402-326	1		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	0502-123	1		Gear, Pinion - Assembly - 10T (inc. 18-20)
18	0402-424	AR		Shim
18	0402-425	AR		Shim
18	0402-426	AR		Shim
18	0402-427	AR		Shim
18	0402-428	AR		Shim
19	0402-327	1		Bearing
20	0402-336	1		Collar, Retaining
21	0402-411	1		Pin, Dowel
22	0402-331	1		Collar, Lock
23	0402-982	1		Washer, Wave
24	0402-981	1		Collar, Shaft
25	0402-947	1		Gasket, Flange
26	0502-529	1		Housing, Pinion
27	0423-417	1		Ring, Retaining
28	1402-043	1		Bearing
29	0423-423	1		Ring, Retaining
30	1402-011	1		Seal
31	0502-407	1	S	Shaft, Input

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
REAR SUSPENSION ASSEMBLY

Page 62 of 96



Ref #	Part Number	Qty	S/P/F	Description
1	0504-312	1	S	Knuckle, Right Rear - Assembly (inc. 2-6)
1	0504-313	1	S	Knuckle, Left Rear - Assembly (inc. 2-6)
2	0504-311	1	S	Knuckle - Right
2	0504-310	1	S	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	0502-596	2	S	Axle, Drive (inc. 17-18)
17	0441-400	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	0404-074	2		Spring, Suspension
22	0404-072	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	8409-040	2		Screw, Cap
27	0423-087	2		Washer
28	8408-820	2	/P	Screw, Cap
29	0441-587	1		Wrench, Spanner



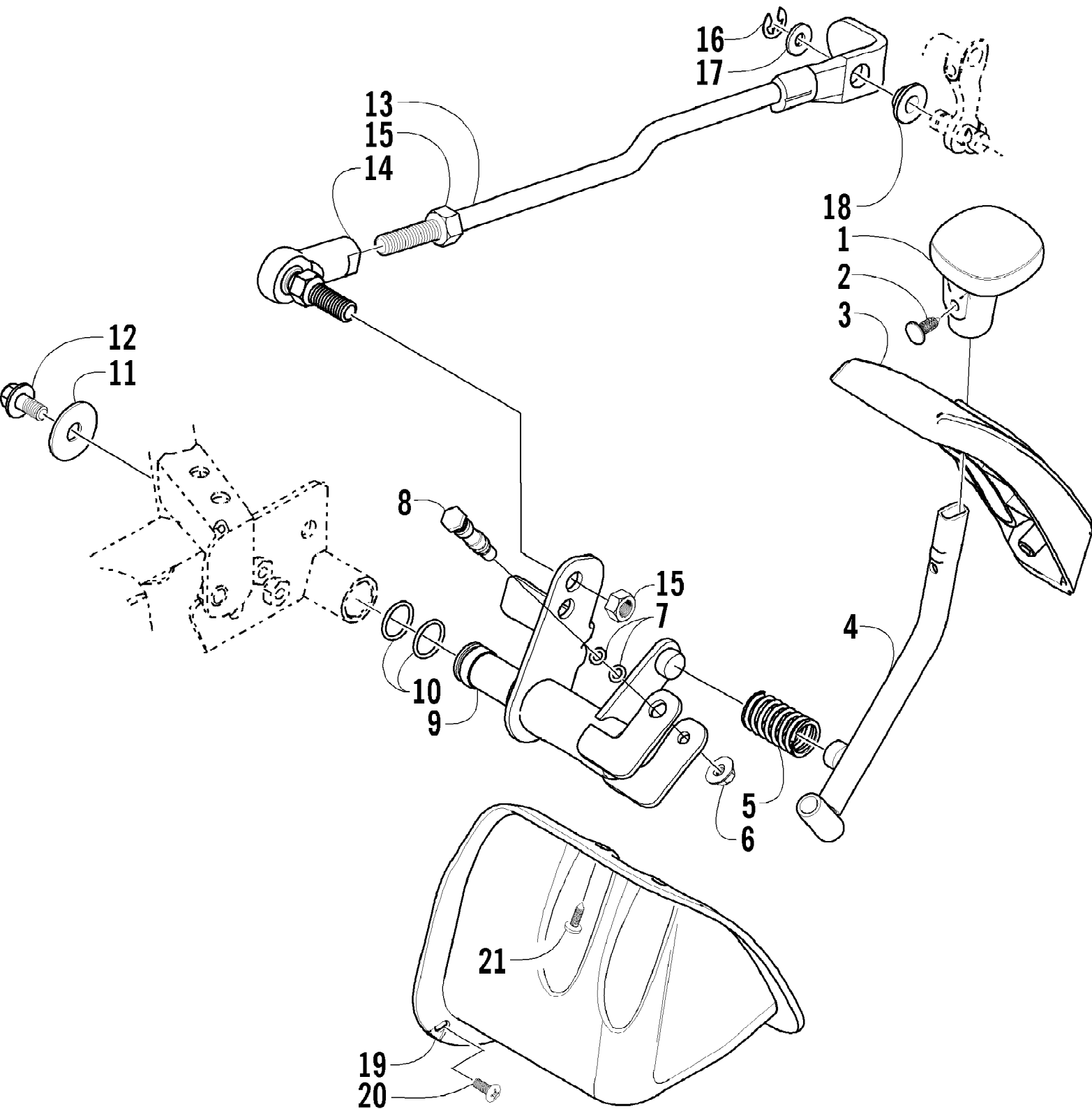
Ref #	Part Number	Qty	S/P/F	Description
1	3445-003	1		Starter, Recoil - Assembly (inc. 2-8)
2	3445-004	1		Reel
3	3445-007	1		Spring, Sprial
4	3445-016	1		Ratchet - Assembly (inc. 5-6)
5	3445-005	1		Ratchet
6	3445-006	1		Guide, Ratchet
7	3004-488	1	S/P	Nut
8	3445-011	1		Rope Assembly
9	3423-428	4		Screw,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

No
Diagram
Available

Parts List
Only

Ref #	Part Number	Qty	S/P/F	Description
	0436-479	1		Articulating Spool Mount
	0436-548	1		Articulating Spool Receiver Mount Adapter
	0436-679	1		Bag, Fender - Black
	0436-336	1		Bag, Rack, Front - Black
	0436-480	1		Bar, Utility/Gun Rack
	0436-640	1	/P	Brush Guard/Bumper
	0436-462	1		Bucket Holder
	0436-616	1		Bumper (Rear)
	0436-464	1		Camp Stove Cradle
	0436-454	1		Cargo Box
	0436-625	1		Cargo Box Quick-Release Kit
	0436-459	1	/P	Carryall (9 x 12)
	0436-460	1		Carryall (11 x 17)
	0436-652	1		Carryall (14 x 27)
	0436-476	1		Chain Saw Lock
	0436-477	1		Cord Reel
	0436-381	1		Cover, Black and Green
	0436-339	1		Cover, Timber Camo
	0436-005	1	S	Engine Oil - 10W40
	0436-003	1	S	Engine Oil - 5W30
	0436-466	1		Fender Box
	0436-538	1		Gear Cradle
	0436-007	1	S	Gear Lube (Diff) - 80W90
	0436-501	1	S	Grease, High-Performance
	0436-627	1		Gun Scabbard Kit
	0436-706	1	/P	Gun Scabbard Mount
	0436-505	1		Hand Guards - Black
	0436-352	1		Hand/Thumb Warmers
	0436-639	1		Ice Auger Holder
	0436-463	1		Light Bar
	2257-175	1		Manual, Illustrated Parts
	2257-034	1		Manual, Operator's (E)
	2257-172	1		Manuel d'utilisation (F)
	0436-626	1	S	Rack Basket
	0436-649	1		Rack Extension, 4 in. (Front)
	0436-648	1		Rack Extension, 8 in. (Rear)
	0436-579	1		Rapid Blind (Break-Up)
	0436-580	1		Rapid Blind (Shadow Grass)
	0436-578	1	/P	Rapid Shack (Blue Ice)
	0436-511	1		Rod Holder - Adjustable
	0436-386	1		Snowplow Attachment Kit
	0436-228	1		Snowplow Blade, 50 in. - Straight
	0436-287	1		Snowplow Blade, 50 in. - One-Way
	0436-296	1		Snowplow Blade, 60 in. - Straight
	0436-360	1		Snowplow Blade, 60 in. - One-Way
	0436-356	1	S	Snowplow, Push Frame
	0436-471	1		Speedclamp, Double
	0436-624	1		Sprayer System
	0436-508	1	S	Sprayer Boom (120 in.)
	0436-465	1		Table, Expansion
	1402-028	1		Tire, Titan AT589 (25x8-12, Mud & Snow)
	0402-563	1		Tire, Titan AT589 (25x10-12, Mud & Snow)
	0436-478	1		Tool Caddy

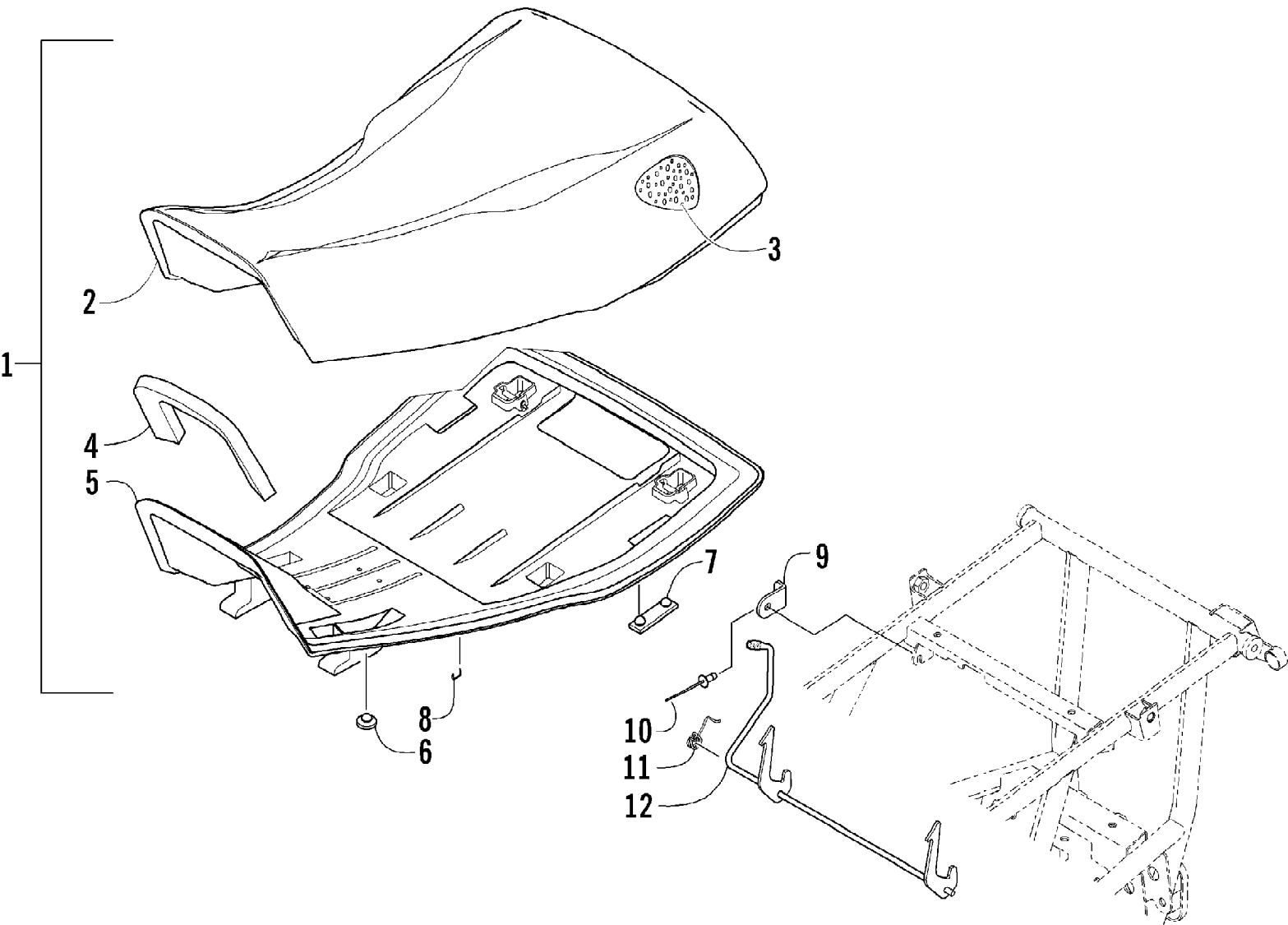
Ref #	Part Number	Qty	S/P/F	Description
	0436-297	1		Tool Holder - Double
	0436-263	1	/P	Tool Holder - Single
	0436-468	1		Tree Stand/Bow Case Holder
	0436-699	1		Winch, 2500 lb
	0436-361	1		Winch Mounting Kit
	0436-507	1		Windshield, Clear w/Black Accent
	0436-470	1		Workbase (8 in.)



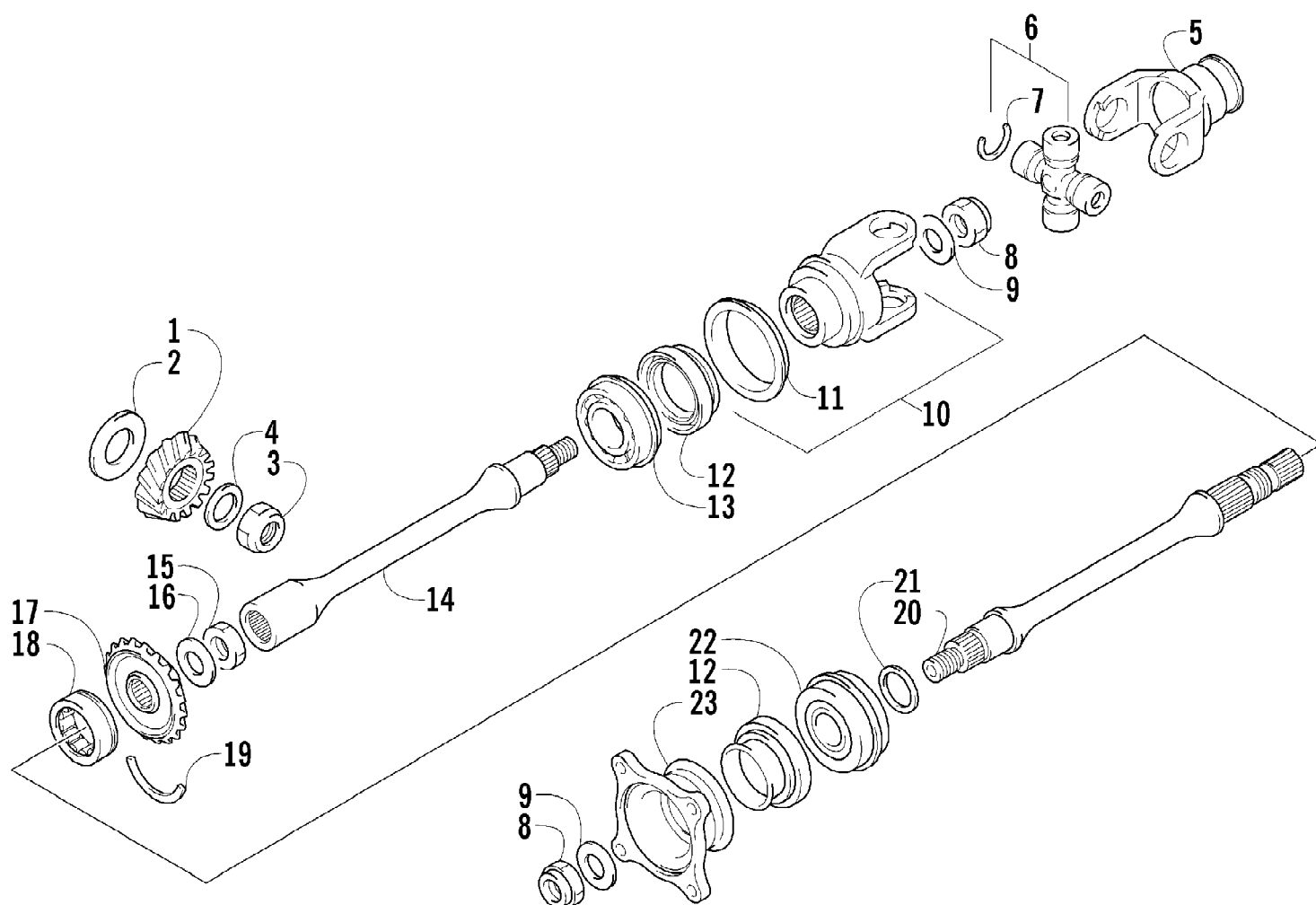
2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
REVERSE SHIFT LEVER ASSEMBLY

Page 70 of 96

Ref #	Part Number	Qty	S/P/F	Description
1	0402-843	1	/P	Handle, Reverse Shift Lever
2	0423-345	1		Clip, Push
3	0402-983	1		Plate, Shift
4	0502-417	1		Lever, Shift
5	0502-410	1	S	Spring
6	8424-602	1	/P	Nut
7	0423-182	2	/P	O-Ring
8	0402-675	1		Axle, Pivot
9	0502-419	1		Axle, Reverse Shift Lever
10	0423-299	2	/P	O-Ring
11	0423-087	1		Washer
12	8408-812	1		Screw, Cap
13	0502-589	1		Linkage, Shift
14	1402-270	1		End, Rod
15	0623-294	2		Nut
16	0423-169	1	/P	E-Ring
17	3423-204	1	/P	Washer
18	0423-091	1		Bushing
19	0406-943	1		Shield, Linkage
20	0423-371	3		Screw, Machine
21	0623-309	1		Screw, Self-Tapping



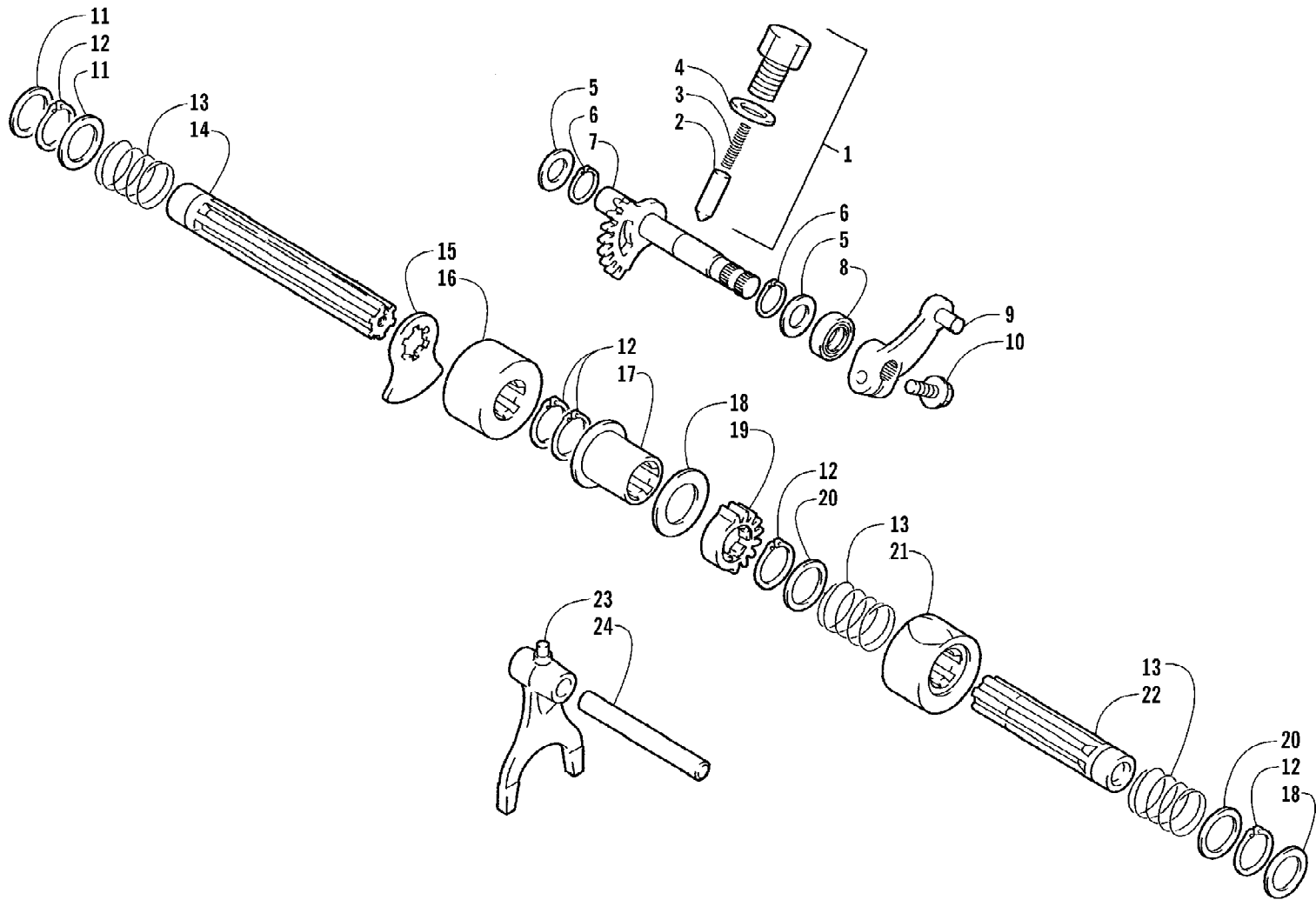
Ref #	Part Number	Qty	S/P/F	Description
1	0506-558	1		Seat Assembly (inc. 2-8)
2	0506-556	1		Cover, Seat
3	0506-555	1		Foam, Seat
4	1406-060	1		Foam, Sound
5	0406-878	1		Base, Seat Assembly (inc. 6-7)
6	0406-877	2	/P	Bumper, Seat - Front
7	0406-879	2		Bumper, Seat - Rear
8	0624-528	AR	/P	Staple
9	1406-087	1		Plate, Retainer
10	8060-284	1		Rivet
11	1406-371	1		Spring, Seat Latch
12	1506-217	1		Latch, Seat



Ref #	Part Number	Qty	S/P/F	Description
1	3446-274	1	/P	Gear, Secondary Drive
2	3446-035	1		Shim, Secondary Drive Gear - Set
3	3423-023	1		Nut
4	3005-372	1		Washer
5	3446-327	1	/P	Yoke, Propeller Shaft
6	3402-562	1		Joint, Universal - Set (inc. 7)
7	3423-479	4		Circlip
8	3423-025	2		Nut
9	3423-028	2		Washer
10	3402-742	1		Yoke, Drive Output - Front (inc. 11)
11	3402-743	1		Plate, Drive Output Yoke
12	3402-072	2		Seal, Oil
13	3402-558	1		Bearing, Front Secondary Driven Shaft
14	3402-559	1		Shaft, Secondary Driven - Front
15	3423-136	1		Nut, Secondary Driven Gear
16	3423-520	1		Washer, Secondary Driven Gear
17	3446-222	1	/P	Gear, Secondary Driven
18	3402-515	1	/P	Bearing, Driven Gear
19	3423-072	1		C-Ring, Driven Bearing
20	3446-305	1		Shaft, Secondary Driven - Rear
21	3402-017	AR		Shim, 25 x 34 x 0.60 mm
21	3402-018	AR		Shim, 25 x 34 x 0.65 mm
21	3402-019	AR		Shim, 25 x 34 x 0.70 mm
21	3402-020	AR		Shim, 25 x 34 x 0.75 mm
21	3402-021	AR	S	Shim, 25 x 34 x 0.80 mm
21	3402-022	AR		Shim, 25 x 34 x 0.85 mm
21	3402-023	AR		Shim, 25 x 34 x 0.90 mm
21	3402-024	AR		Shim, 25 x 34 x 0.95 mm
21	3402-025	AR	S	Shim, 25 x 34 x 1.00 mm
21	3402-028	AR		Shim, 25 x 34 x 1.05 mm
21	3402-029	AR		Shim, 25 x 34 x 1.10 mm
21	3402-030	AR		Shim, 25 x 34 x 1.15 mm
21	3402-031	AR		Shim, 25 x 34 x 1.20 mm
22	3402-067	1	S	Bearing, Rear Secondary Driven Shaft
23	3402-514	1	/P	Flange, Output Joint - Rear

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
SECONDARY SHIFTING ASSEMBLY

Page 75 of 96



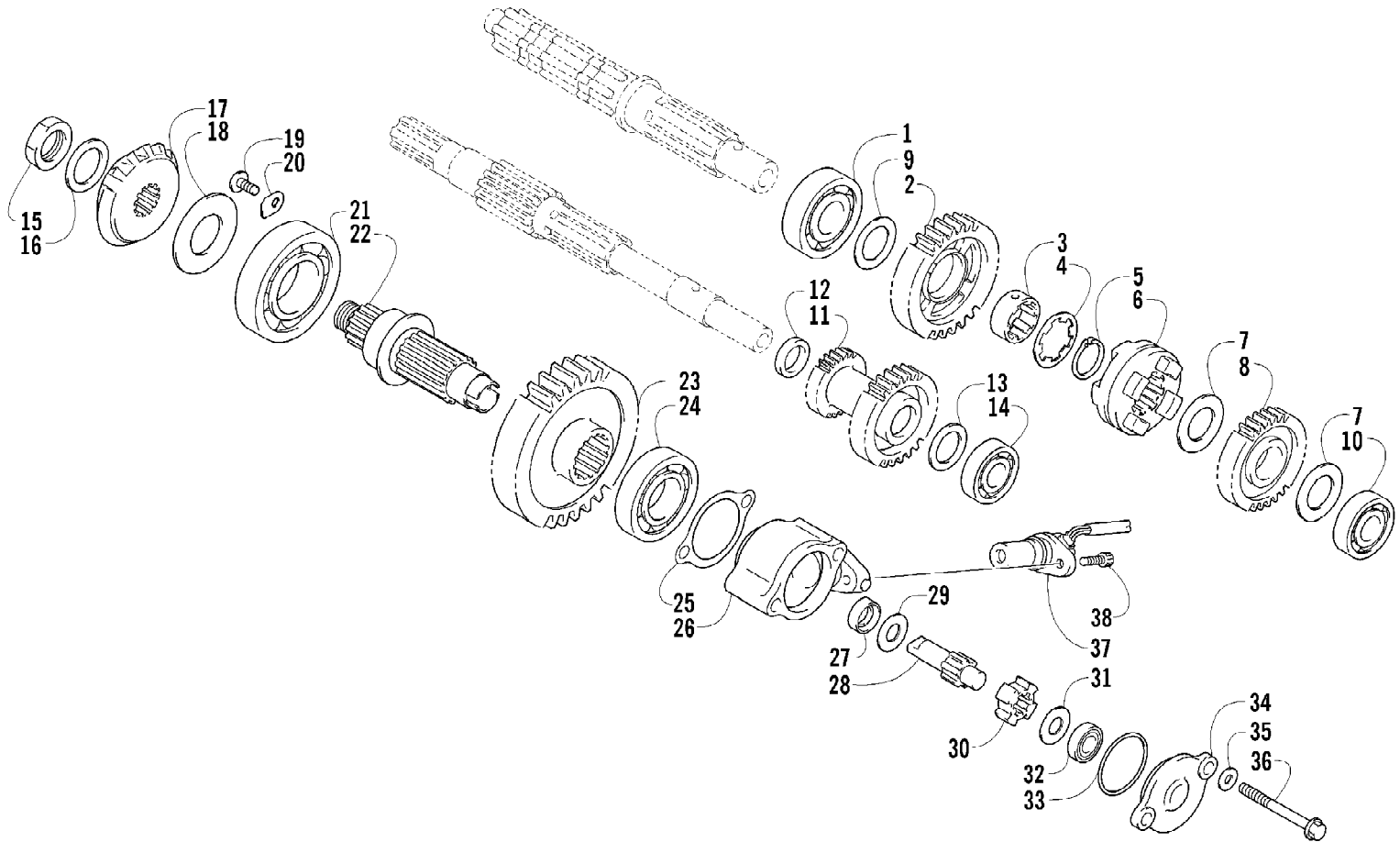
2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
SECONDARY SHIFTING ASSEMBLY

Page 76 of 96

Ref #	Part Number	Qty	S/P/F	Description
1	3446-314	1		Stopper, Gear Shift Cam (inc. 2-3)
2	3446-315	1		Stopper
3	3423-524	1		Spring
4	3402-012	1		Gasket
5	1691-043	2		Washer
6	3423-358	2	S	Circlip
7	3446-322	1		Shaft, Gear Shift
8	3402-076	1		Seal, Oil
9	3402-434	1	/P	Arm, Gear Shift
10	3004-341	1	S/P	Bolt, Gear Shift Arm
11	3423-527	2	/P	Washer
12	3423-190	5	S	Circlip
13	3423-526	3	/P	Spring
14	3446-325	1		Camshaft, Reverse
15	3446-324	1		Plate, Cam Lock
16	3446-323	1		Cam, Reverse
17	3446-321	1		Joint, Camshaft
18	3402-381	2	/P	Washer
19	3446-316	1		Gear, Camshaft
20	3423-533	2		Washer
21	3423-525	1		Cam
22	3446-320	1		Camshaft
23	3446-318	1		Fork, Gear Shift
24	3446-317	1		Shaft, Gear Shift Fork

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
SECONDARY TRANSMISSION ASSEMBLY

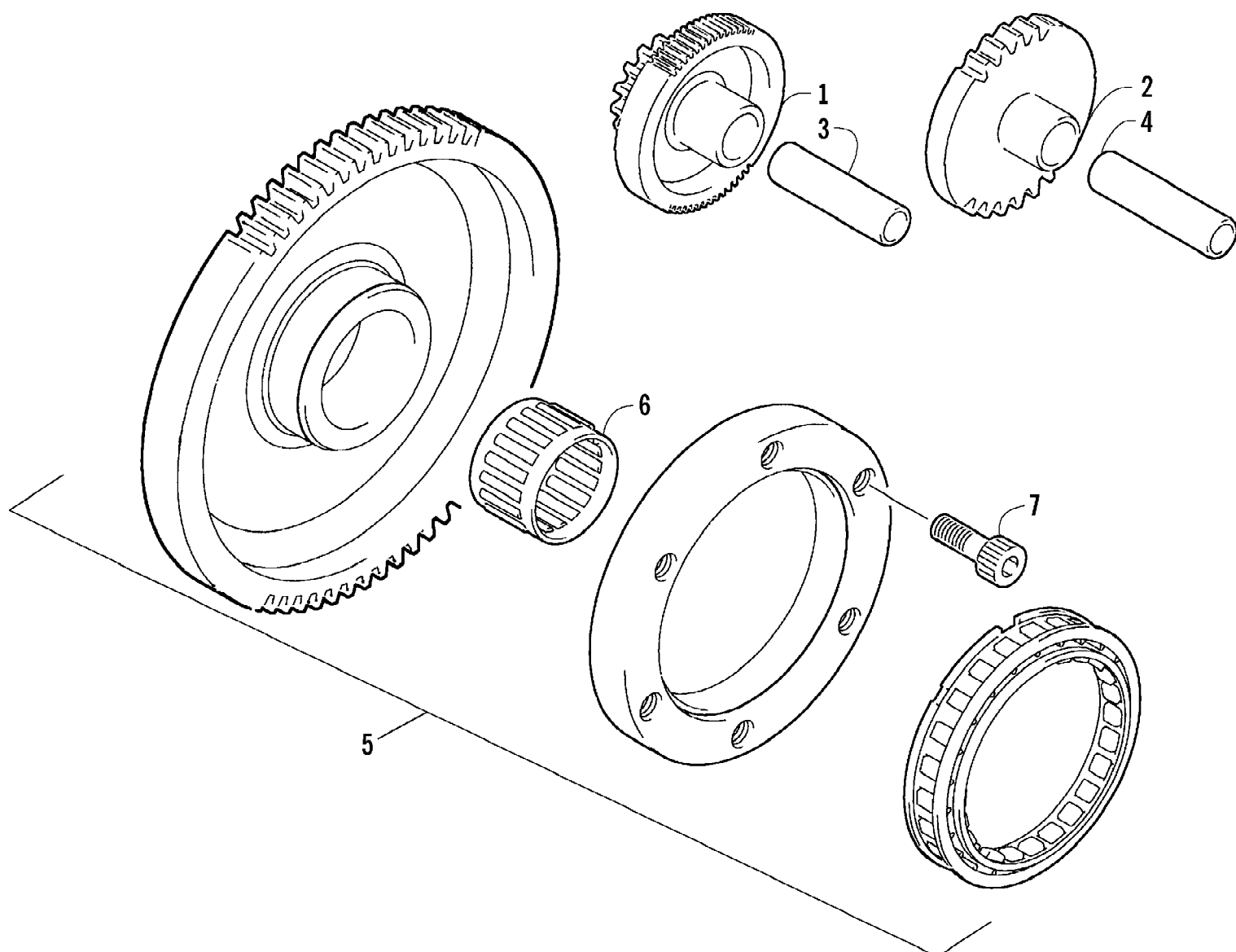
Page 77 of 96



2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
SECONDARY TRANSMISSION ASSEMBLY

Page 78 of 96

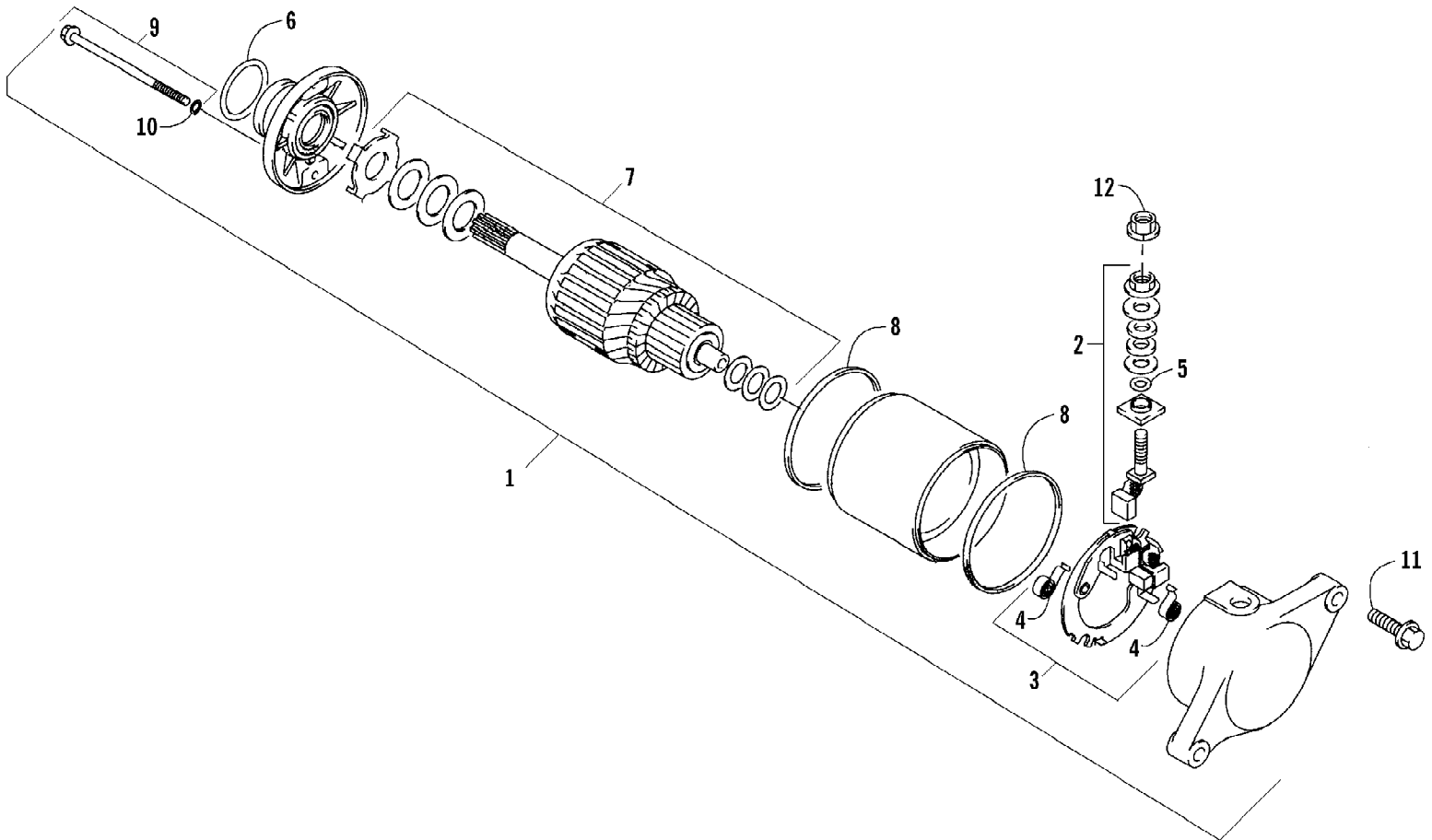
Ref #	Part Number	Qty	S/P/F	Description
1	3402-776	1		Bearing
2	3446-300	1		Gear, Drive - No. 1
3	3446-301	1		Bushing, Drive Gear No. 1
4	3423-036	1		Washer
5	3423-066	1	/P	Circlip
6	3446-249	1		Dog, Sliding
7	3423-126	2	/P	Washer
8	3446-302	1		Gear, Drive - No. 2
9	3423-519	1		Spacer, Drive Gear
10	3402-979	1	/P	Bearing, Driveshaft
11	3446-299	1		Gear, Idle
12	3402-205	1		Spacer, Idle Gear
13	3423-319	1		Washer
14	3402-217	1		Bearing
15	3423-023	1		Nut, Secondary Drive Gear
16	3005-372	1		Washer, Secondary Drive Gear
17	3446-274	1	/P	Gear, Secondary Drive
18	3446-035	1		Shim, Secondary Drive Gear - Set
19	3423-370	2		Screw
20	3446-031	2	/P	Retainer, Output Shaft
21	3402-180	1	S	Bearing
22	3446-404	1	S	Shaft, Output
23	3446-304	1		Gear, Driven
24	3402-045	1	/P	Bearing
25	3446-244	1	/P	Gasket, Speedometer Housing
26	3446-400	1		Housing, Speedometer Sensor
27	3006-322	1		Seal, Shaft
28	3446-402	1		Shaft, Output
29	3423-617	1		Washer
30	3402-837	1		Rotor
31	3423-767	1		Washer
32	3402-980	1		Bearing
33	3423-766	1		O-Ring
34	3446-401	1		Cover, Speedometer Sensor Housing
35	3003-290	2	/P	Gasket
36	3423-307	2	S	Bolt
37	3402-981	1		Sensor, Speedometer
38	3423-226	1		Bolt



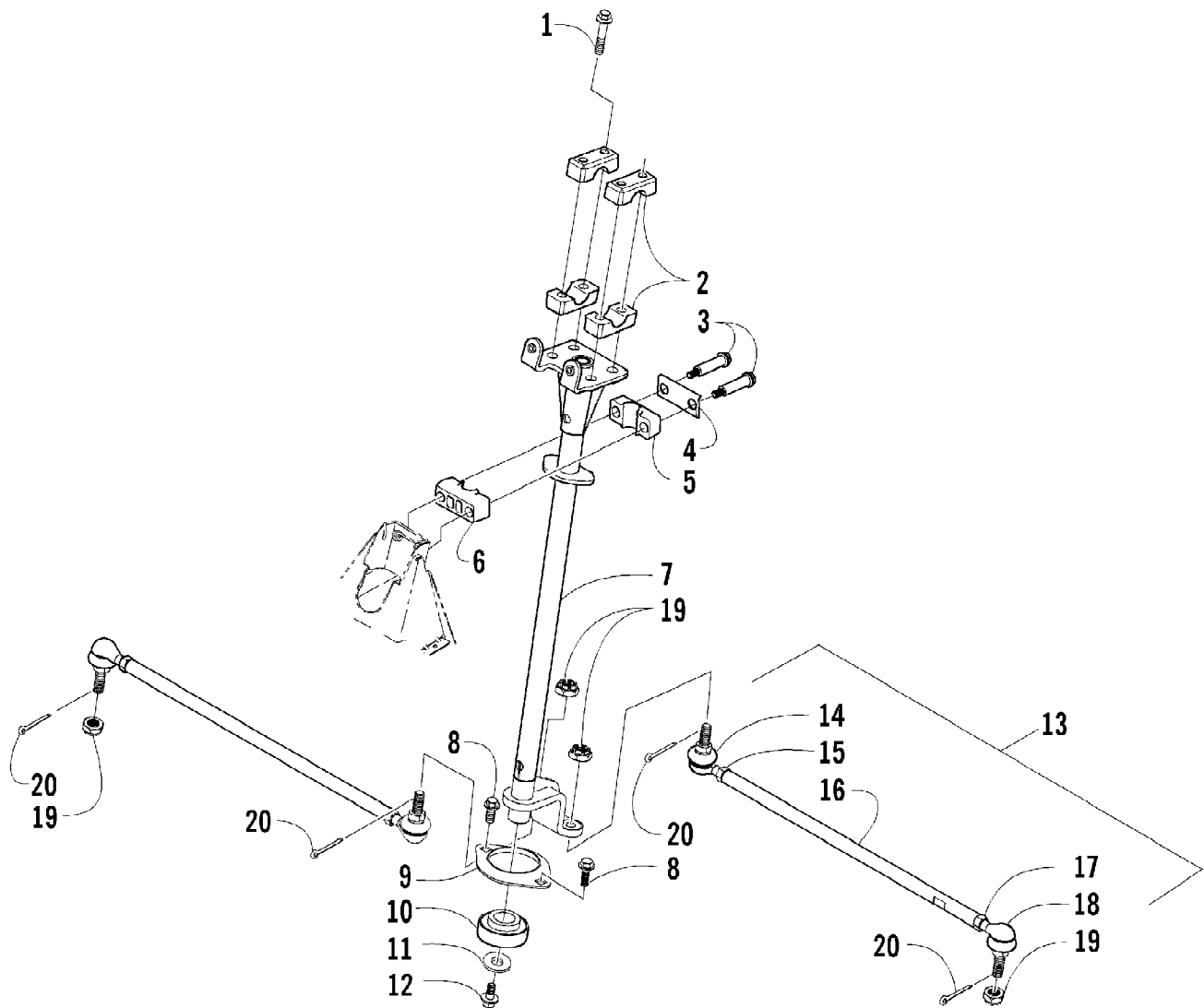
Ref #	Part Number	Qty	S/P/F	Description
1	3402-603	1		Gear, Starter Idler - No. 1
2	3402-124	1		Gear, Starter Idler - No. 2
3	3423-331	1		Pin, Starter Idler Gear No. 1
4	3423-397	1		Pin, Starter Idler Gear No. 2
5	3402-690	1	S	Clutch, Starter - Set (inc. 6)
6	3402-674	1		Bearing
7	3423-102	6	S	Bolt

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
STARTER MOTOR ASSEMBLY

Page 81 of 96



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



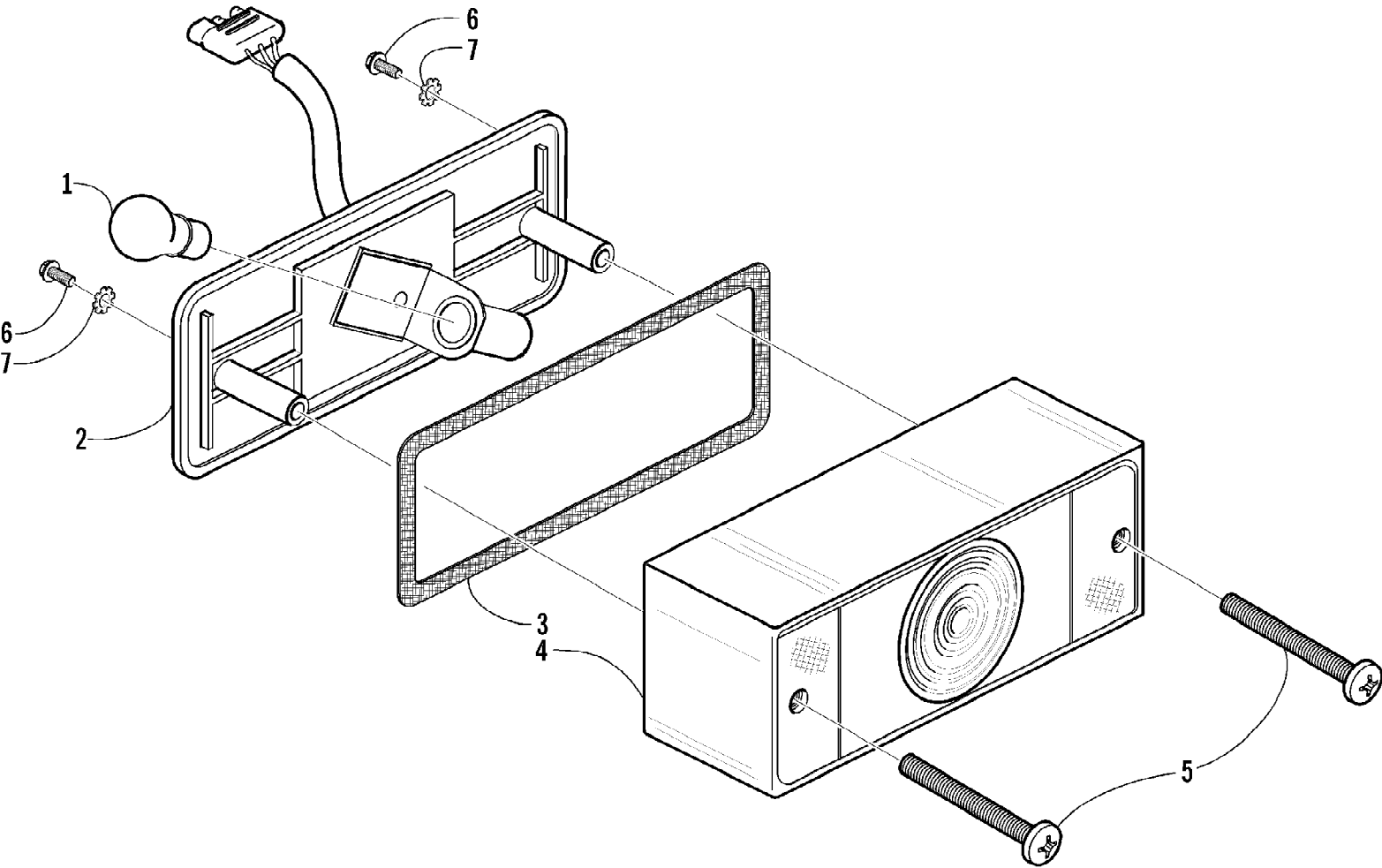
Ref #	Part Number	Qty	S/P/F	Description
1	8408-860	4		Screw, Cap
2	0405-035	4		Cap, Steering Adjuster
3	0423-505	2		Screw, Shoulder
4	0405-166	1		Cap, Housing
5	0405-138	1		Housing, Lower
6	0405-139	1		Housing, Upper
7	0505-431	1	/P	Post, Steering
8	8408-816	2		Screw, Cap
9	0602-233	1		Flange, Bearing
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



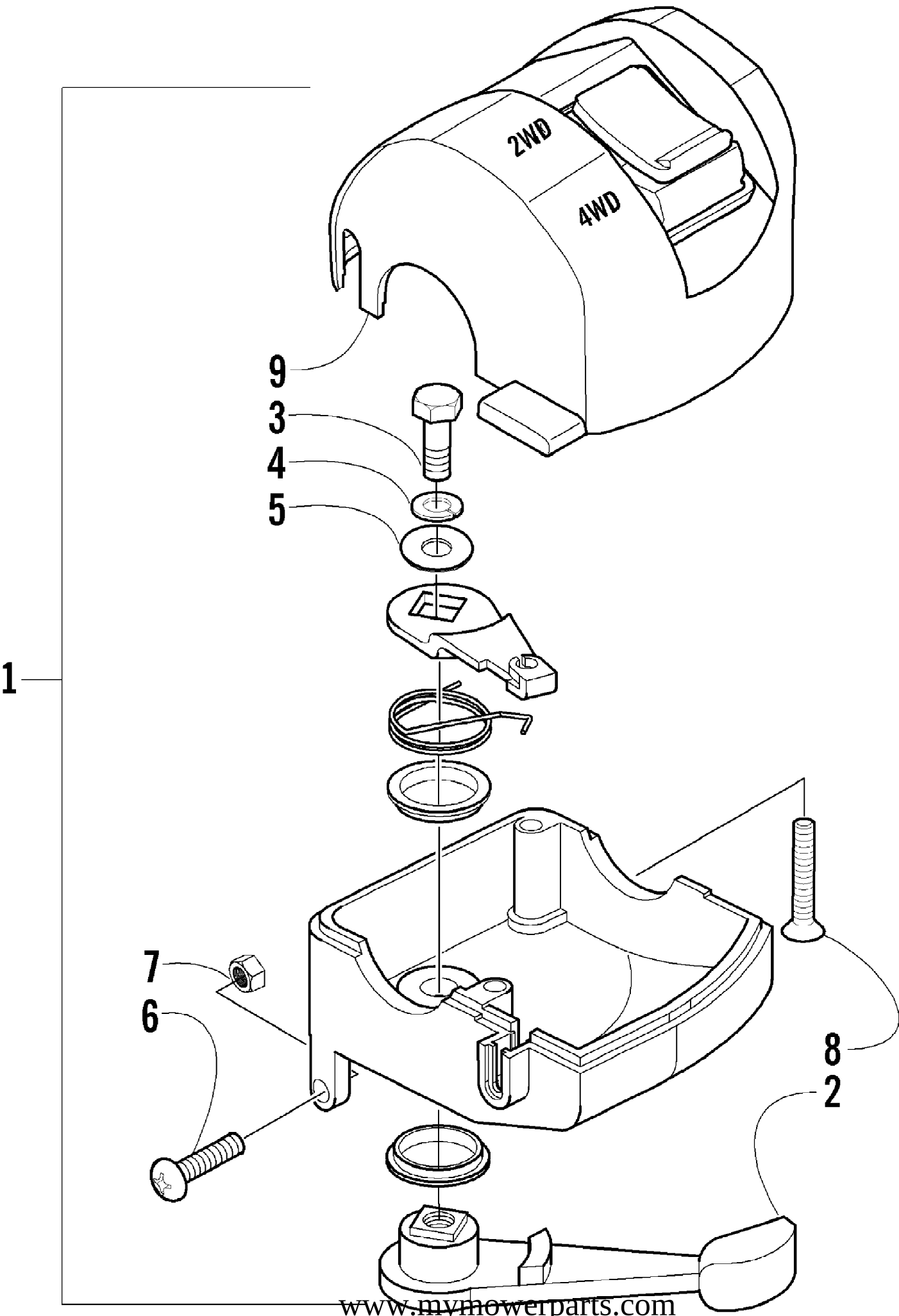
Ref #	Part Number	Qty	S/P/F	Description
1	0506-178	1		Strap, Battery w/Pads (inc. 2-3)
2	0406-288	1		Pad, Battery - Upper Front
3	0406-289	1		Pad, Battery - Upper Rear
4	0745-045	1	/P	Battery Assembly (inc. 5-8)
5	0645-045	6		Cap, Battery
6	0645-152	1		Clamp, Hose
7	0645-263	1	/P	Hose, Battery Vent
8	0645-151	1		Label, Warning - Battery
9	0406-227	1		Pad, Battery - Lower
10	0444-122	1	S/P	Kit, Tool
11	0423-456	1	/P	Screw, Thumb
12	0123-903	2		Cable Tie - 11.5 in.
13	0506-797	1		Storage Box - Assembly (inc. 14)
14	1406-140	1		Shield, Heat
15	1406-078	1		Cover, Storage Box
16	0623-797	4		Screw, Self-Tapping

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
TAILLIGHT ASSEMBLY

Page 87 of 96



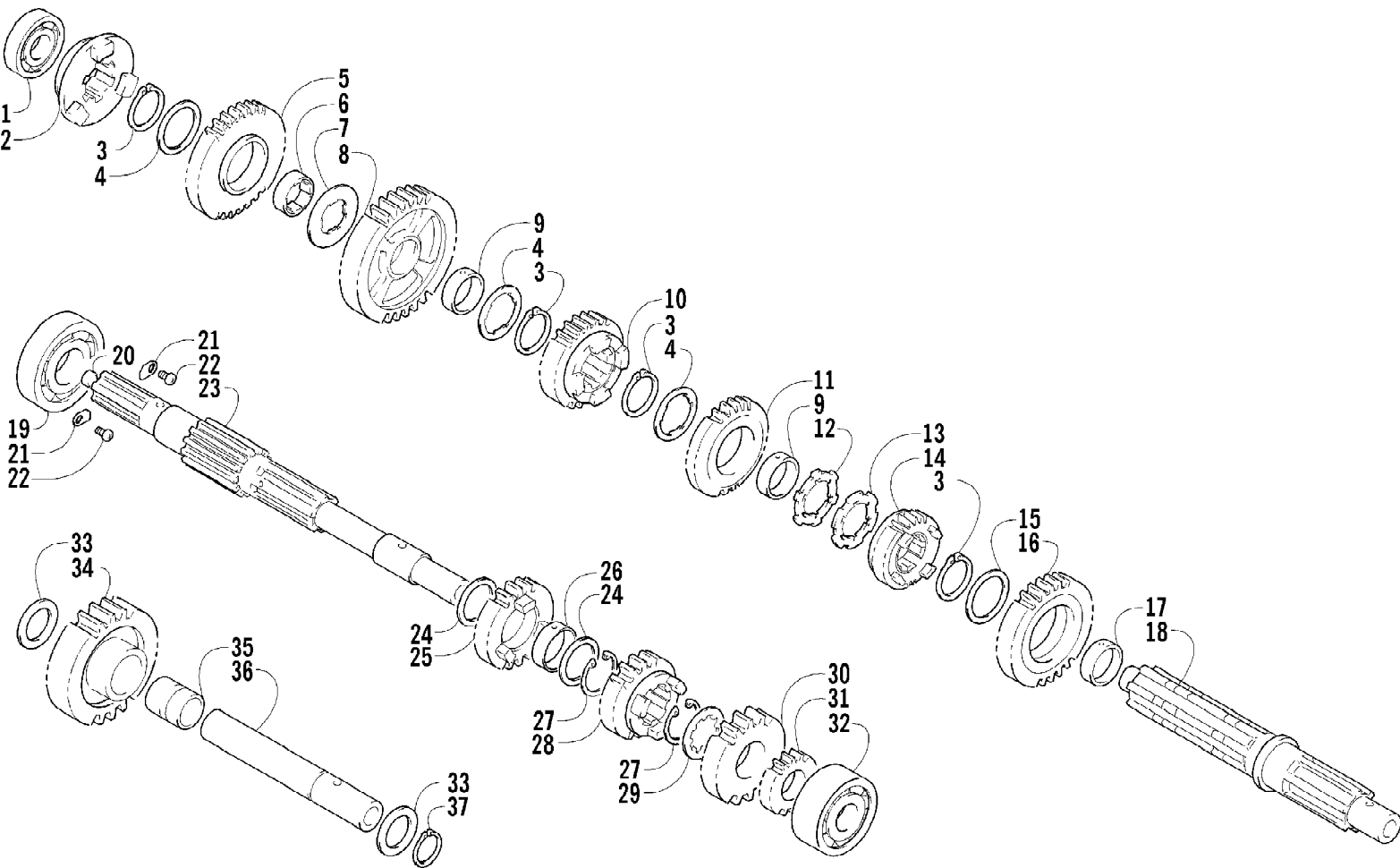
Ref #	Part Number	Qty	S/P/F	Description
	0409-002	1		Complete Taillight Assembly
1	0109-460	1	/P	Bulb, Stop/Taillight
2	0409-058	1		Taillight w/Socket Assembly
3	0409-012	1		Gasket, Taillight Lens
4	0409-007	1		Lens, Taillight
5	0409-010	2		Screw, Machine
6	0623-301	2	/P	Screw, Self-Tapping
7	8053-212	2	/P	Washer, Lock - External Tooth



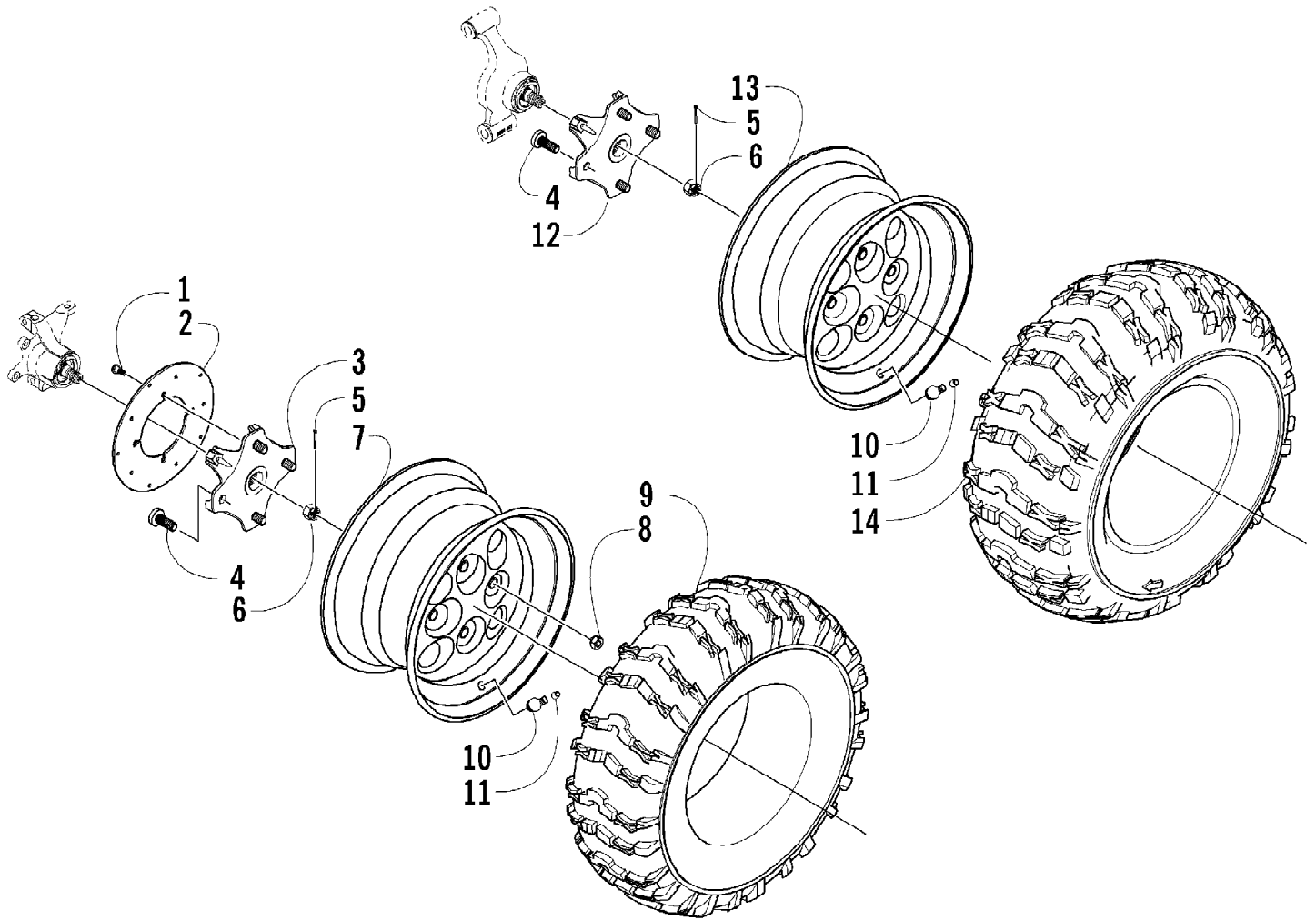
Ref #	Part Number	Qty	S/P/F	Description
1	0509-012	1		Case, Throttle - Assembly (inc. 2-9)
2	3409-001	1		Lever
3	3004-533	1	S/P	Screw, Cap
4	3004-447	1	/P	Washer, Lock
5	3003-030	1	/P	Washer
6	3423-014	1		Screw
7	3423-327	1		Nut
8	3423-199	2		Screw
9	0409-048	1		Cover, Throttle w/Switch

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
TRANSMISSION ASSEMBLY

Page 91 of 96



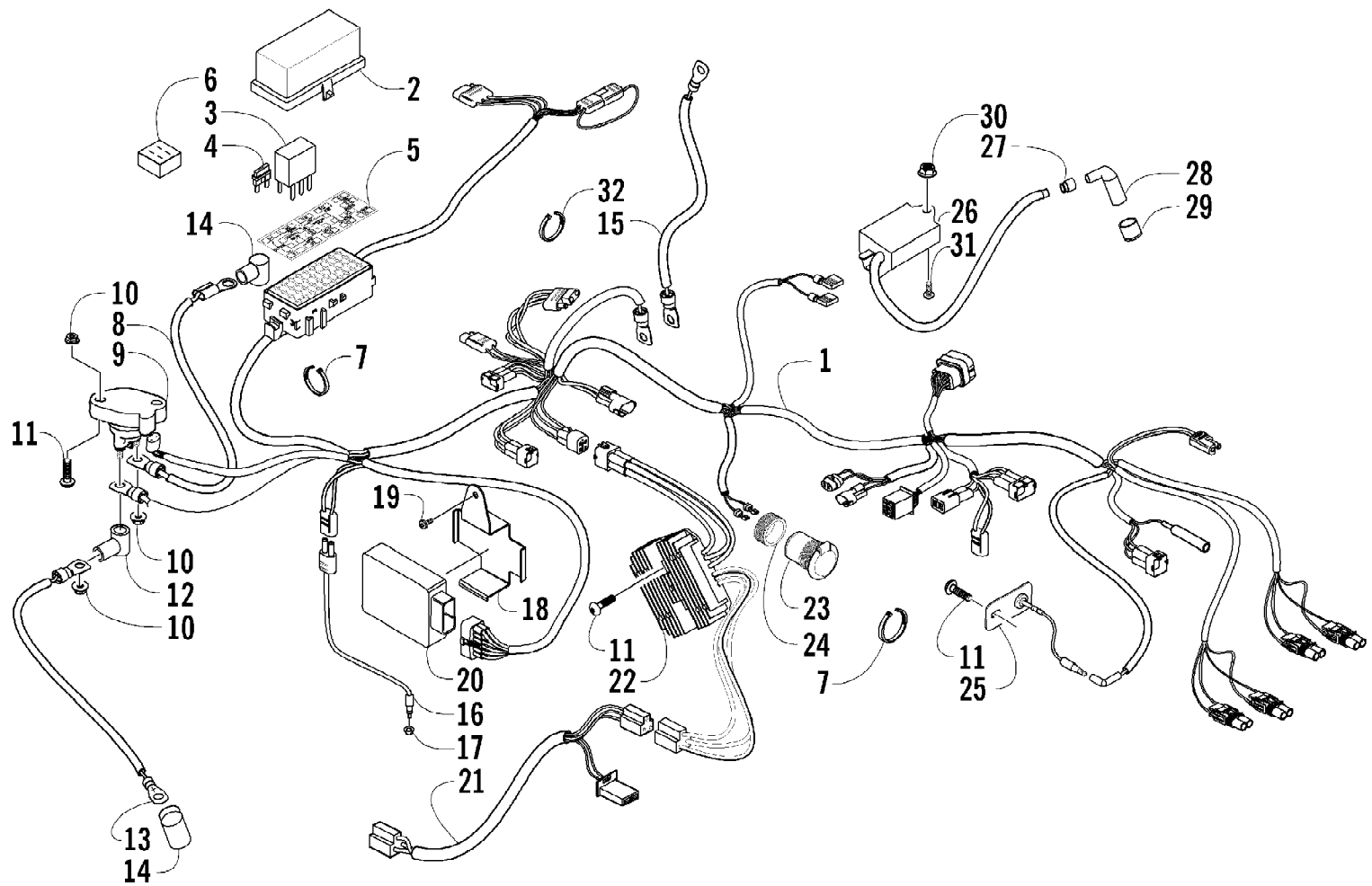
Ref #	Part Number	Qty	S/P/F	Description
1	3402-218	1		Bearing
2	3446-297	1		Dog, Reverse
3	3423-066	4	/P	Circlip
4	3423-036	3		Washer, Lock
5	3446-296	1		Gear, Reverse Driven
6	3446-145	1		Bushing
7	3423-263	1		Washer
8	3446-141	1		Gear, 1st Driven
9	3446-273	2	/P	Bushing
10	3446-146	1		Gear, 4th Driven
11	3446-143	1		Gear, 3rd Driven
12	3423-266	1		Washer, Lock
13	3423-262	1		Washer, Lock
14	3446-147	1		Gear, 5th Driven
15	3423-317	1		Washer
16	3446-142	1		Gear, 2nd Driven
17	3402-230	1		Bushing
18	3402-775	1		Driveshaft
19	0691-374	1		Bearing
20	3402-033	1		Plug, Countershaft
21	3446-031	2	/P	Retainer, Bearing
22	3423-370	2		Screw
23	3446-295	1	S	Countershaft
24	3402-210	2		Washer
25	3446-139	1		Gear, 4th Drive
26	3402-229	1		Bushing
27	3423-279	2		Circlip
28	3446-138	1		Gear, 3rd Drive
29	3423-261	1	S	Washer
30	3446-140	1		Gear, 5th Drive
31	3446-137	1		Gear, 2nd Drive
32	3402-224	1		Bearing
33	3402-209	2		Washer
34	3446-149	1		Gear, Reverse Idle
35	3402-228	1		Bushing
36	3446-298	1		Shaft, Reverse Idle
37	3423-518	1		Circlip



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	0423-407	4		Pin, Cotter
6	0423-394	4		Nut, Castle
7	1402-127	2		Wheel - Front
8	0423-408	16	/P	Nut, Lug
9	1402-100	2		Tire - Front
10	0402-064	4		Stem, Valve (inc. 11)
11	0402-140	4		Cap, Valve Stem
12	0502-599	1	S	Hub, Wheel - Rear - Right (inc. 4)
12	0502-601	1	S	Hub, Wheel - Rear - Left (inc. 4)
13	1402-115	2		Wheel - Rear
14	1402-101	2		Tire - Rear

2005 ATV 400 MANUAL TRANSMISSION 4X4 FIS RED (A2005ISH4AUSI)
WIRING HARNESS ASSEMBLY

Page 95 of 96



Ref #	Part Number	Qty	S/P/F	Description
1	0486-154	1		Harness, Main (inc. 2-6 and two No. 7)
2	0530-008	1		Cover, Fuse Block
3	0430-033	3		Relay
4	0430-032	4		Fuse - 10 Amp
4	0430-031	3		Fuse - 15 Amp
4	0430-030	2		Fuse - 30 Amp
5	0411-837	1		Decal, Fuse Block
6	0430-037	1		Holder, Spare Fuse
7	0123-788	AR	/P	Cable Tie - 7.5 in.
8	0445-042	1		Cable, Solenoid/Starter
9	0445-036	1	S	Solenoid
10	0623-038	4		Nut, Lock
11	8476-625	5		Screw, Machine
12	0645-327	1		Boot, Terminal
13	0445-038	1	S	Cable, Battery/Solenoid (inc. one No. 14)
14	0645-019	2		Boot, Terminal
15	0445-037	1		Cable, Battery/Ground
16	0409-009	1		Switch, Brake - Assembly
17	0402-991	1		Retainer, Switch
18	0506-985	1	/P	Bracket, CDI
19	8476-616	1		Screw, Machine
20	3402-785	1		CDI Unit
21	0486-148	1		Harness, Adapter - Electric Choke
22	3402-682	1		Regulator, Voltage
23	0445-022	1	S	Receptacle, 12V (inc. 24)
24	0445-034	1		Nut, Retainer
25	0509-011	1	S	Diode Assembly
26	3430-055	1		Coil, Ignition - Assembly
27	3430-009	1	/P	Seal, High Tension Wire
28	3430-007	1	/P	Cap, Spark Plug
29	3430-008	1	/P	Seal, Spark Plug
30	8424-602	2	/P	Nut, Flange
31	8476-620	1		Screw, Machine
32	0123-903	AR		Cable Tie - 11.5 in.