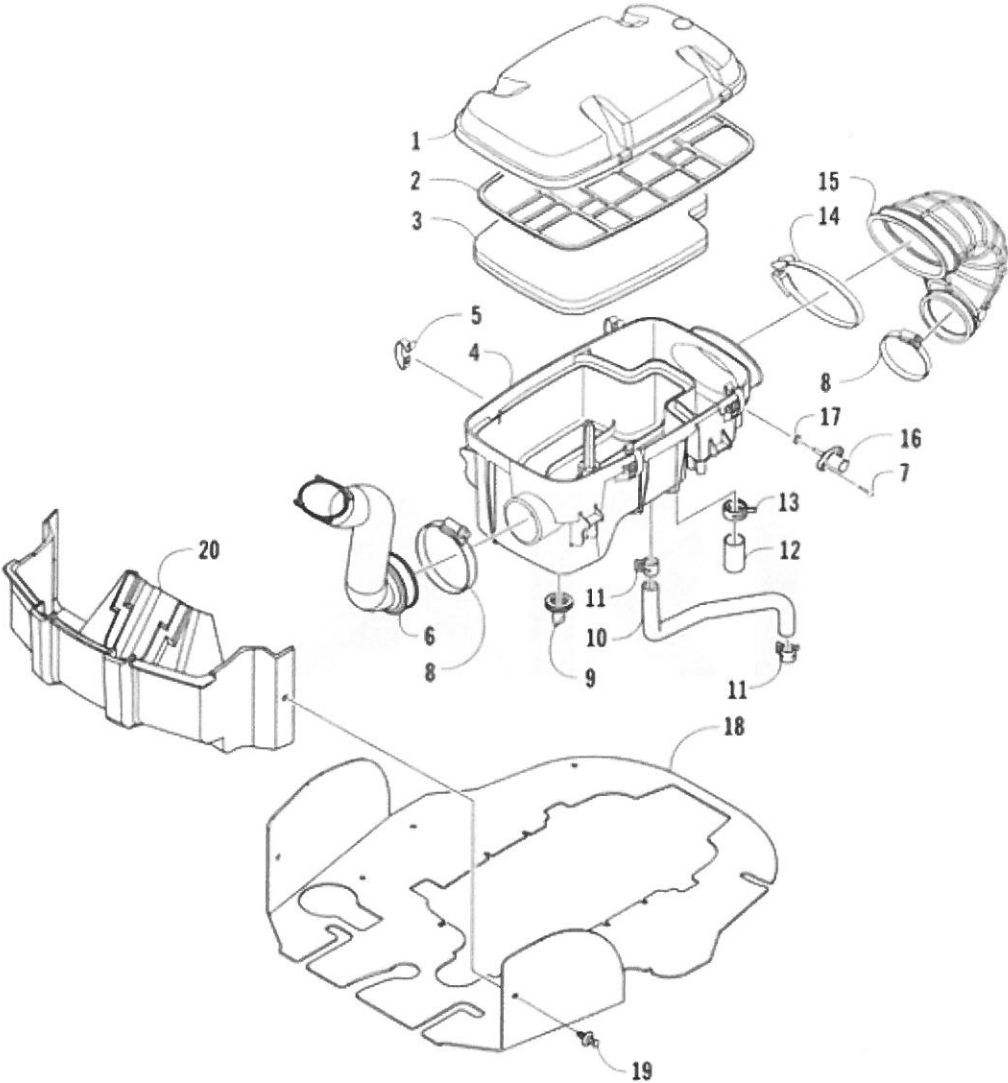


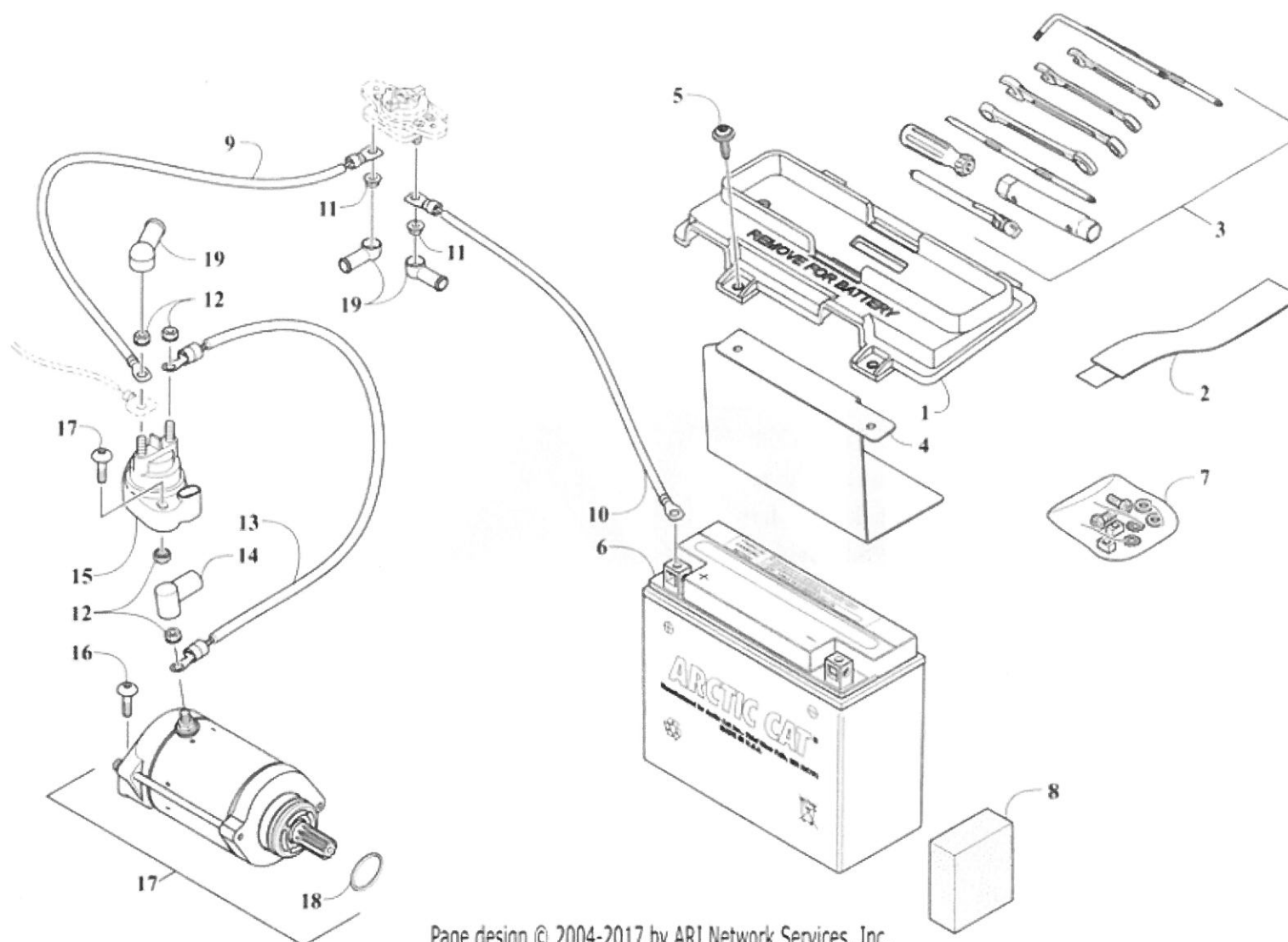
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - AIR INTAKE ASSEMBLY [302707]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	1470-221	Air Box, Top	1	
2	0470-560	Screen, Air Filter	1	
3	0470-558	Filter, Air	1	
4	0470-728	Housing, Intake	1	
5	0423-455	Clip, Spring	4	
6	1470-127	Duct, Engine Intake	1	
7	0423-342	Screw, Self-Tapping	2	
8	0423-019	Clamp, Boot	2	
9	0470-442	Valve, Drain	1	
10	0410-172	Hose, Vent	1	
11	1623-281	Clamp, Hose	2	
12	0423-766	Cap, Drain	1	
13	1623-287	Clamp, Hose	1	
14	0423-554	Clamp	1	
15	0470-511	Boot, Intake	1	
16	0430-055	Sensor, Air Temperature	1	(inc. 17)
17	5507-224	O-Ring	1	
18	5406-383	Panel, Shield	1	
19	0623-362	Rivet, Reinstallable	2	
20	5406-385	Panel, Airbox Shield	1	

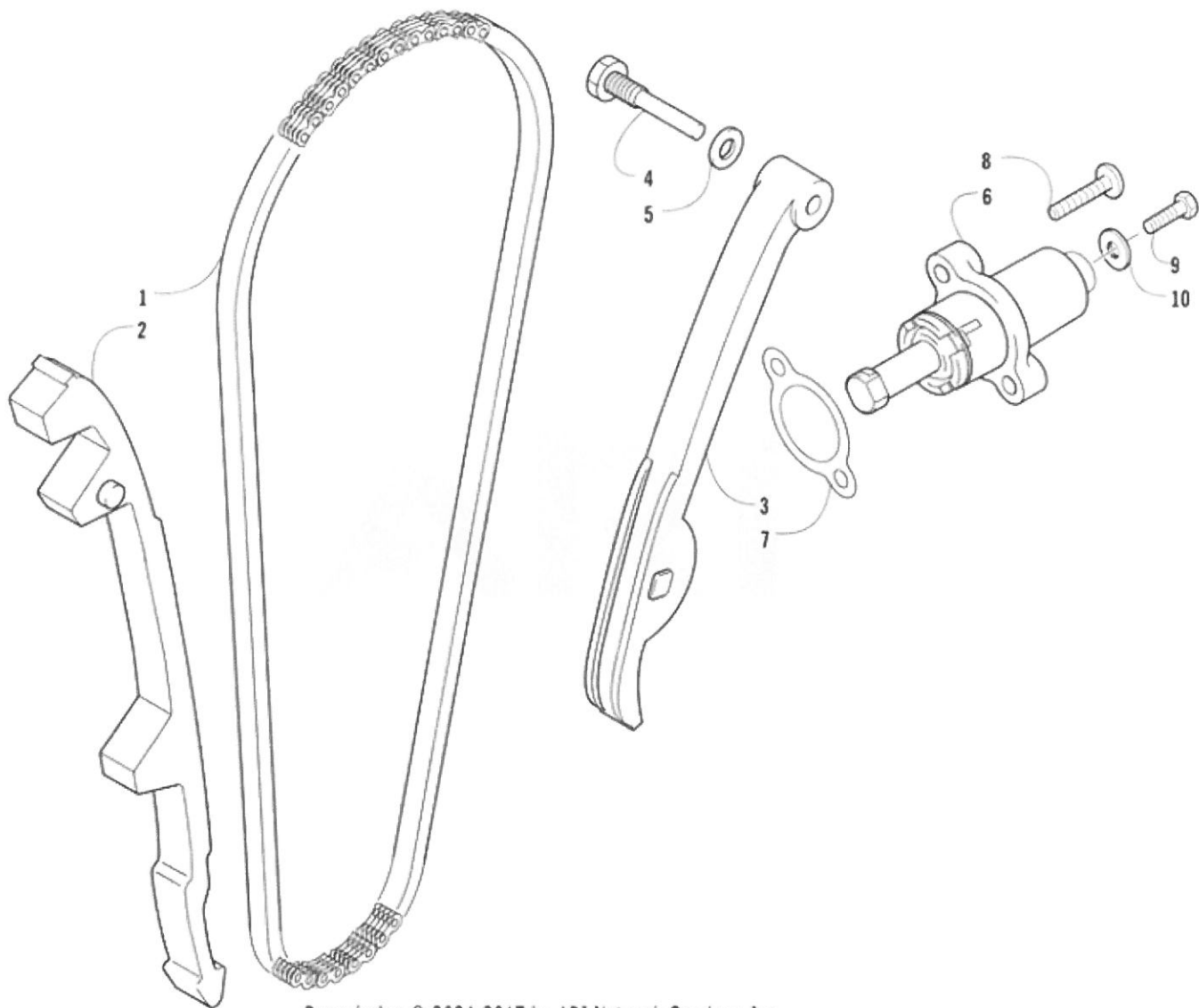
2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - BATTERY AND STARTER ASSEMBLY [302997]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
12	0623-038	Nut w/Washer	5	
11	8424-802	Nut, Lock	2	
16	8476-625	Screw, Cap	4	
5	0423-609	Screw, Machine	2	
8	0417-017	Foam, Battery	1	
14	0645-019	Boot, Terminal	1	
19	0645-327	Boot, Terminal	3	
18	0830-228	O-Ring	1	
7	0445-082	Kit, Hardware	1	
2	0444-291	Retainer, Velcro	1	
9	0445-126	Cable, Switch/Solenoid	1	
13	0445-064	Cable, Solenoid/Starter	1	(inc. 14)
10	0445-127	Cable, Switch/Battery	1	
1	5406-199	Battery Cover	1	
4	7506-783	Bracket, Battery	1	
15	0445-058	Solenoid	1	
3	4406-599	Kit, Tool	1	
17	0825-024	Motor, Starter	1	(inc. 18)
6	0745-406	Battery - w/Acid	1	(inc. 7)

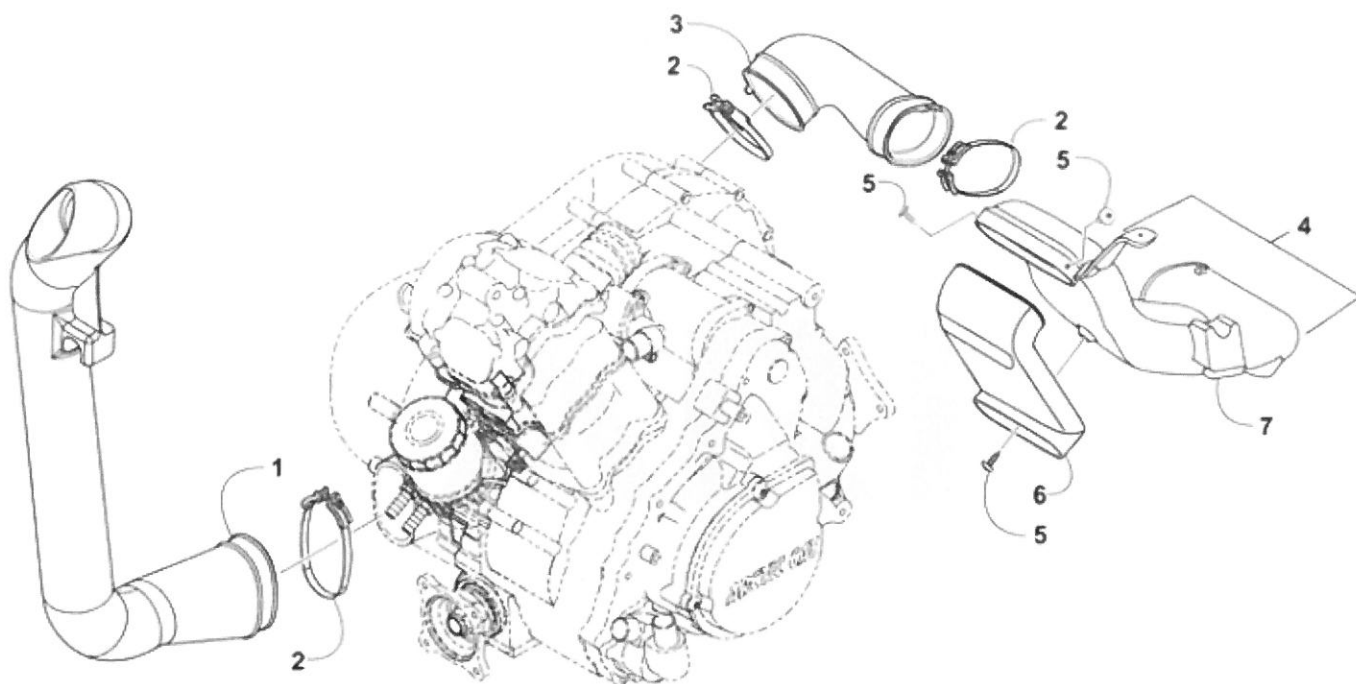
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CAM CHAIN ASSEMBLY [300283]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0810-001	Chain, Cam	1	
2	0810-071	Guide, Chain	1	
3	0810-072	Tensioner, Chain	1	
4	0826-036	Pivot, Tensioner	1	
5	0830-025	Washer, Crush	1	
6	0810-004	Adjuster, Tensioner - Assembly	1	
7	0830-018	Gasket	1	
8	8468-625	Screw, Machine	2	
9	8400-610	Screw, Cap	1	
10	0828-129	Washer	1	

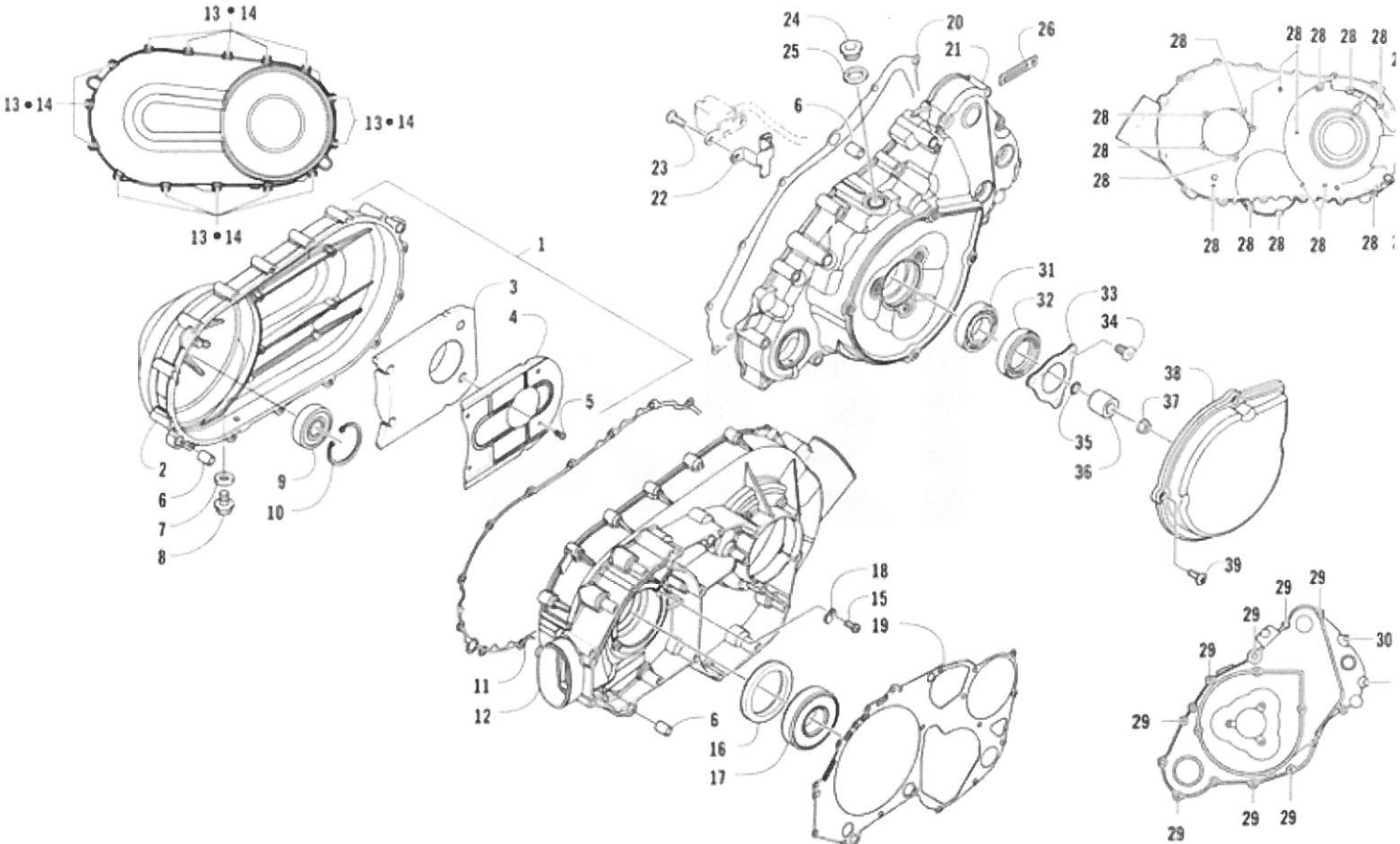
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CASE/BELT COOLING ASSEMBLY [301649]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	1470-122	Duct, Air Intake - Front	1	
2	0423-730	Clamp	3	
3	0413-206	Boot, Cooling Belt	1	
4	0470-824	Duct, Belt Cooling - Air Out	1	(inc. three No. 5 and 6-7)
5	2623-163	Screw, Self-Tapping	4	
6	0470-778	Duct	1	
7	0470-825	Duct, Air Out - Primary	1	

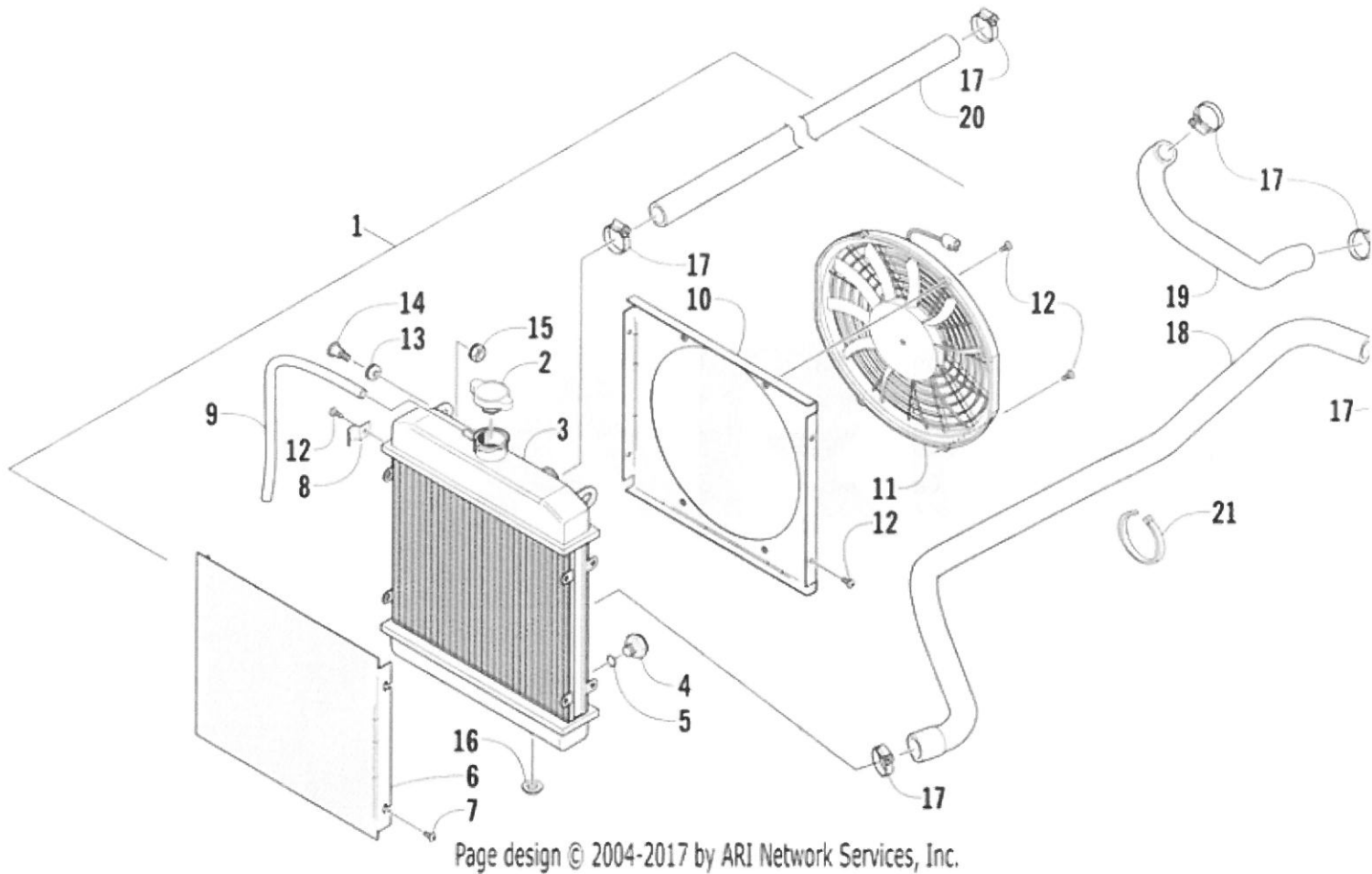
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CLUTCH/V-BELT/MAGNETO COVER
ASSEMBLY [301608]



Page design © 2004-2017 by ARI Network Services, Inc.

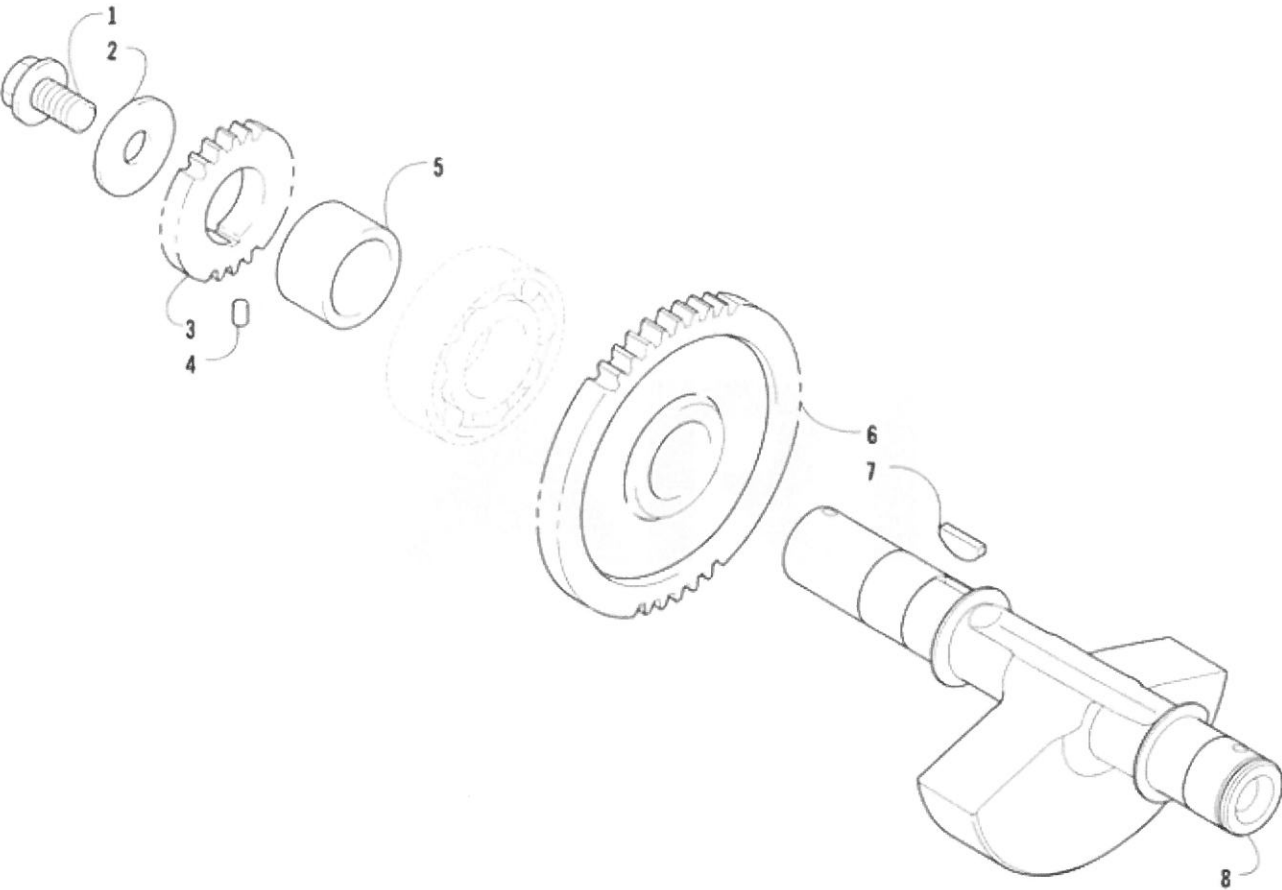
Ref #	Part #	Description	Qty	Context Note
1	0806-202	Cover, V-Belt Assembly	1	(inc. 2-5)
2	0806-179	Cover, V-Belt - Black	1	
3	0806-177	Dampener, Pad	1	
4	0806-201	Retainer, Cover Dampener	1	
5	1423-293	Screw, Machine	1	
6	0829-002	Pin, Dowel	6	
7	0830-013	Washer, Crush	1	
8	8408-812	Screw, Cap	1	
9	0832-060	Bearing	1	
10	0831-078	Ring, Retaining	1	
11	0831-096	Gasket, V-Belt Cover	1	
12	0806-174	Cover, Clutch	1	
13	0828-148	Washer	15	
14	0826-160	Screw, Machine	15	
15	0826-029	Screw, Machine	2	
16	0830-244	Seal	1	
17	0832-009	Bearing	1	
18	0822-010	Retainer, Bearing	2	
19	0831-097	Gasket, Clutch Cover	1	
20	0830-128	Gasket, Magneto Cover	1	
21	0806-170	Cover, Magneto	1	
22	0802-071	Clamp, Routing	1	
23	8470-510	Screw, Machine	2	
24	0826-155	Plug	1	
25	0830-015	Washer, Crush	1	
26	1623-984	Clamp, Routing	1	
27	8470-676	Screw, Machine	2	
28	8470-641	Screw, Machine	16	
29	8468-640	Screw, Machine	10	
30	8468-625	Screw, Machine	2	
31	1602-981	Bearing	1	
32	0830-226	Seal	1	
33	0805-008	Retainer, Seal	1	
34	0826-031	Screw, Machine	3	
35	0830-108	O-Ring	1	
36	0820-061	Bushing	1	
37	0827-008	Nut	1	
38	0820-062	Cover, Magneto	1	
39	8468-616	Screw, Machine	4	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - COOLING ASSEMBLY [301648]



Ref #	Part #	Description	Qty	Context Note
1	0413-256	Radiator - Assembly	1	(inc. 2-13)
2	0413-255	Cap, Radiator	1	
3	0413-205	Radiator	1	
4	0413-195	Plug, Drain	1	
5	1602-213	O-Ring	1	
6	0413-007	Screen, Radiator	1	
7	8475-512	Screw, Machine	4	
8	0423-351	Clamp, Wire	1	
9	0610-016	Hose - 25 ft	AR	
9	0610-015	Hose, Gas - 1/4 x 100'	AR	
10	0413-203	Shroud, Fan	1	
11	0413-123	Fan, Radiator	1	
12	0623-378	Screw, Self-Tapping	8	
13	0423-030	Grommet	2	
14	0423-484	Screw, Shoulder	2	
15	0623-038	Nut w/Washer	2	
16	0423-028	Bushing, Stem	2	
17	0423-496	Clamp, Hose	6	
18	0410-331	Hose, Coolant - Lower	1	
19	0410-022	Hose, Coolant - Crossover	1	
20	0410-333	Hose, Coolant - Upper	1	
21	0123-788	Tie, Cable - 8 in.	AR	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CRANK BALANCER ASSEMBLY [301654]



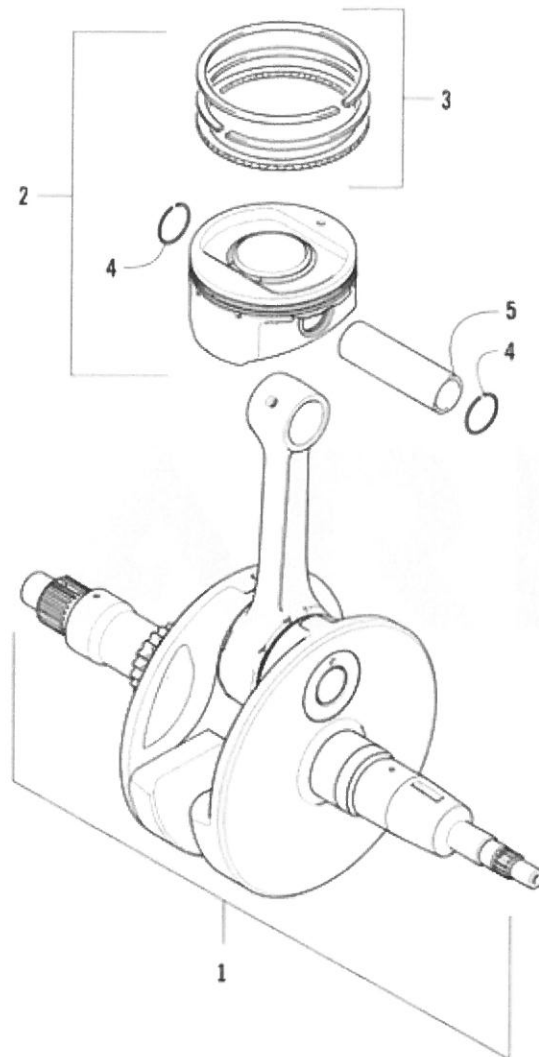
Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
7	0829-006	Key	1	
4	0829-007	Pin, Dowel	1	
1	0826-033	Screw, Cap	1	
2	0828-003	Washer	1	
5	0811-004	Spacer	1	
3	0811-038	Gear, Oil Pump Drive	1	
6	0811-034	Gear, Driven Balance Shaft	1	
8	0805-304	Balancer, Crank	1	

This technical drawing is an exploded view of a 4-cylinder internal combustion engine. The main assembly shows the cylinder block (1) with four cylinders, each containing a piston (3) and a connecting rod (4). The crankshaft (5) is shown at the bottom, with its main bearings (6) and crankpin bearings (7). The cylinder head (8) is shown at the top, with its own bearings (9) and valves (10, 11). The timing belt (12) and its tensioner (13) are shown on the left. The oil pan (14) is shown at the bottom right. The two inset views show the cylinder head (21) and the crankcase (22) with their respective components. The main assembly is labeled with numbers 1 through 32, indicating the various parts and their assembly sequence.

Page design © 2004-2017 by ARI Network Services, Inc.

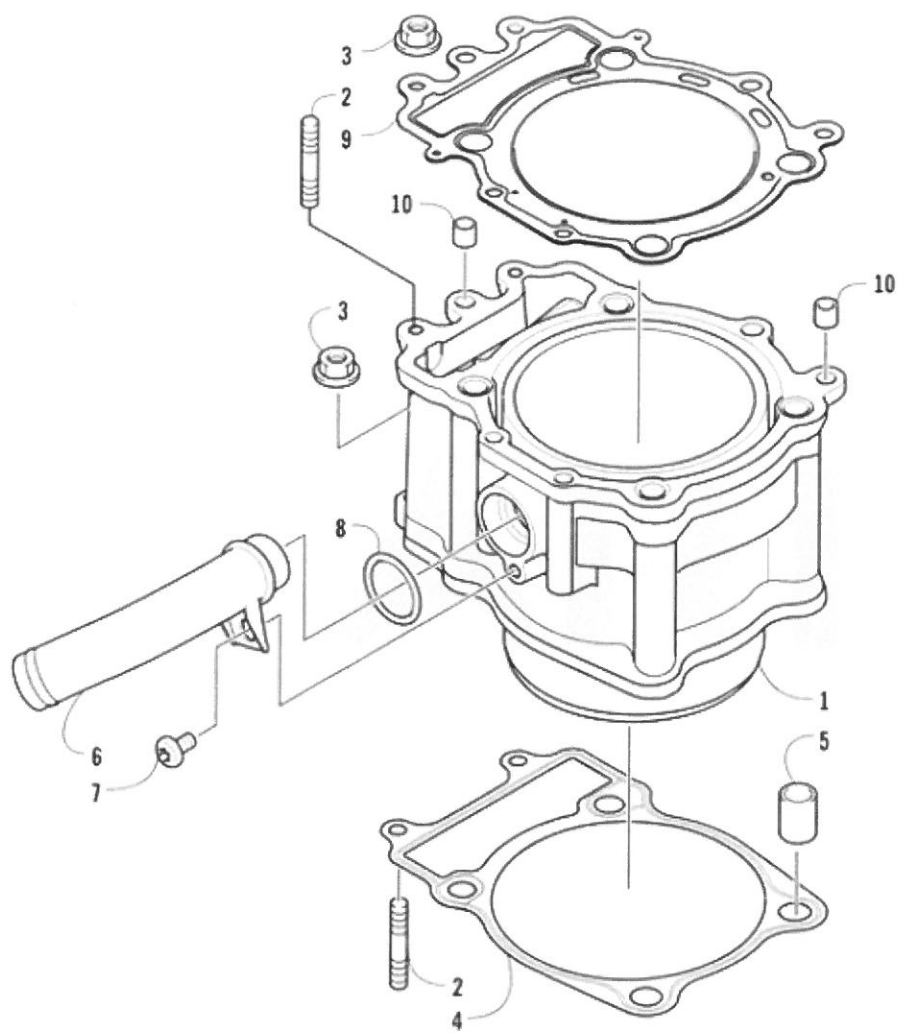
Ref #	Part #	Description	Qty	Context Note
1	0801-151	Crankcase Assembly	1	(inc. 2-15)
2	0822-052	Seal, Countershaft	1	
3	0832-005	Bearing	2	
4	0832-042	Bearing	1	
5	0832-043	Bearing	1	
6	0832-077	Bearing	1	
7	0832-050	Bearing	3	
8	0832-048	Bearing	1	
9	0832-049	Bearing	1	
10	0822-010	Retainer, Bearing	4	
11	0826-100	Screw, Machine	4	
12	0812-064	Plug	2	
13	0801-002	Plug	1	
14	0801-028	Pipe, Breather	1	
15	0830-035	Seal, Driveshaft	1	
16	0830-217	Grommet	1	
17	0829-002	Pin, Dowel	5	
18	0829-003	Pin, Dowel	1	
19	0801-029	Housing, Secondary Shaft	1	(inc. one No. 7)
20	0826-105	Screw, Cap	3	
21	8468-675	Screw, Machine	2	
22	0826-019	Screw, Cap	1	
23	8468-680	Screw, Machine	1	
24	8468-600	Screw, Machine	1	
25	8468-645	Screw, Machine	3	
26	0826-017	Screw, Cap	1	
27	8412-860	Screw, Cap	1	
28	0830-008	Gasket	2	
29	0826-018	Screw, Cap	1	
30	8468-655	Screw, Machine	3	
31	8412-850	Screw, Cap	4	
32	0801-179	Stick, Oil Level	1	
33	0830-010	O-Ring	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CRANKSHAFT AND PISTON ASSEMBLY
[301653]

Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context	Note
4	0805-356	Circlip, Piston Pin	2		
5	0805-387	Pin, Piston	1		
3	0805-379	Ring, Piston - Set	1		
2	0805-441	Piston Set	1	(inc. 3-5)	
1	0805-326	Crankshaft Assembly	1		

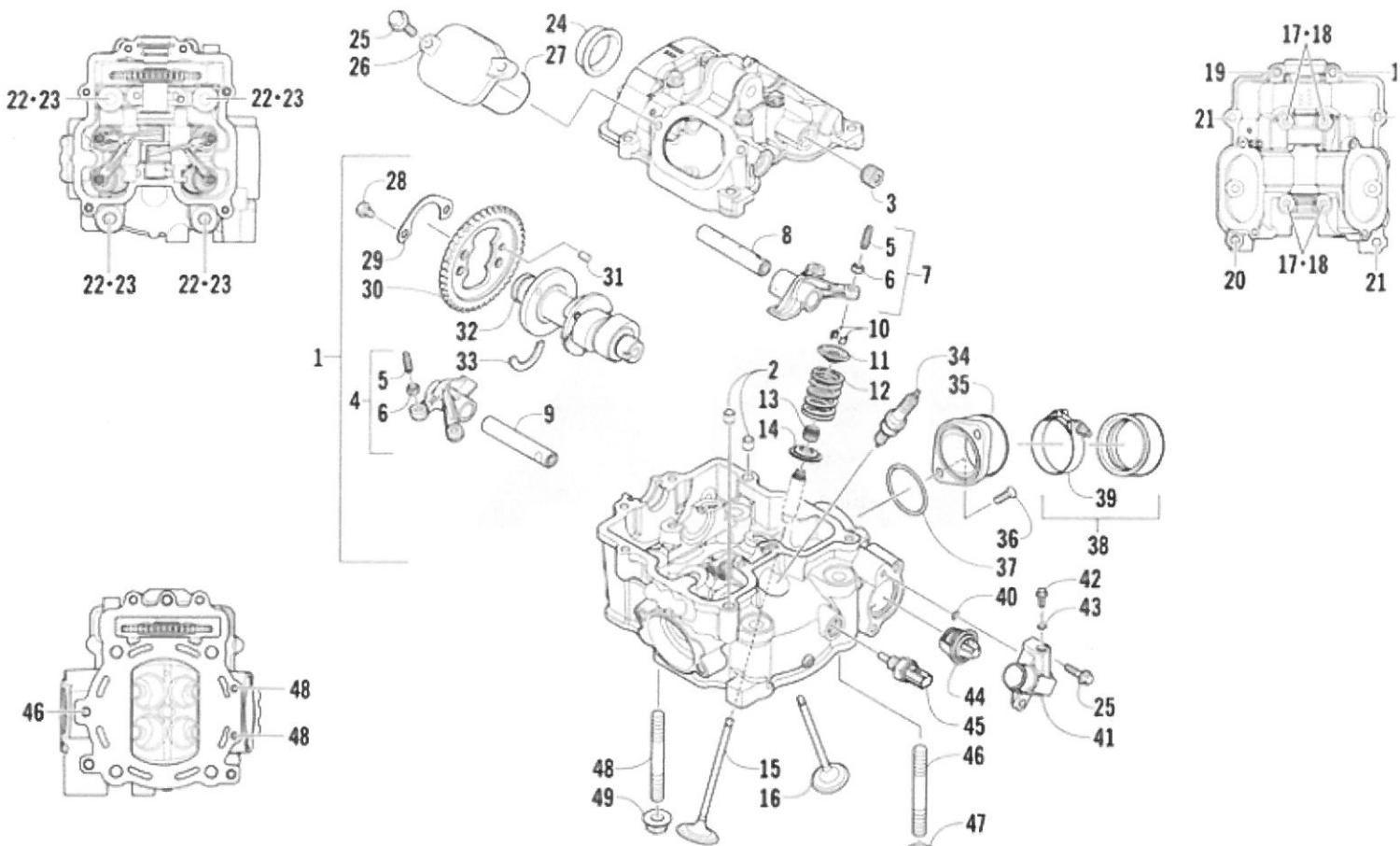
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CYLINDER ASSEMBLY [300238]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
3	8424-604	Nut	4	
8	0830-007	O-Ring	1	
5	0829-002	Pin, Dowel	2	
10	0829-062	Pin, Dowel	2	
2	0827-002	Bolt, Stud	4	
7	8468-612	Screw, Machine	1	
4	0830-111	Gasket, Base	1	
6	0804-047	Fitting, Coolant	1	
9	0830-225	Gasket, Cylinder Head	1	
1	0804-065	Cylinder	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - CYLINDER HEAD AND CAMSHAFT/VALVE ASSEMBLY [99737]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0808-226	Head, Cylinder - Assembly	1	(inc. 2-17)
2	0829-062	Pin, Dowel	2	
3	0831-092	Plug, Shaft	2	
4	0809-319	Arm, Valve Rocker - Exhaust	1	(inc. two No. 5-6)
5	0809-240	Screw, Adjuster	4	
6	0827-059	Nut	4	
7	0809-318	Arm, Valve Rocker - Intake	1	(inc. two No. 5-6)
8	0809-241	Shaft, Rocker Arm - Intake	1	
9	0809-242	Shaft, Rocker Arm - Exhaust	1	
10	0809-233	Cotter, Valve	8	
11	0809-232	Retainer, Spring	4	
12	0809-231	Spring, Valve	4	
13	0830-186	Seal, Oil	4	
14	0809-230	Seat, Spring - Valve	4	
15	0809-228	Valve, Intake	2	
16	0809-229	Valve, Exhaust	2	
17	0826-149	Screw, Cap	4	
18	0830-155	Gasket	4	
19	0826-002	Screw, Cap	2	
20	0826-005	Screw, Cap	2	
21	0826-006	Screw, Cap	2	
22	0808-037	Screw, Cap	4	
23	0830-147	Washer	4	
24	0808-077	Plug, Cylinder Head	1	
25	0826-007	Screw, Cap	6	
26	0808-003	Cap, Inspection	2	(inc. 27)
27	0830-004	O-Ring	2	
28	0826-034	Screw, Cap	2	
29	0828-004	Plate, Retainer	1	
30	0809-212	Sprocket	1	
31	0829-049	Pin, Dowel	1	
32	0809-245	Camshaft	1	
33	0809-003	C-Ring	1	
34	0217-799	Spark Plug - CPR8E	1	
35	0470-668	Flange, Intake Manifold	1	
36	0826-008	Screw, Machine	2	
37	0830-090	O-Ring	1	
38	0437-069	Boot	1	(inc. 39)
39	1423-041	Clamp	1	
40	0830-168	O-Ring	1	
41	0808-208	Cover, Thermostat	1	(inc. 42-43)
42	8408-512	Screw, Cap	1	
43	0423-182	O-Ring	1	
44	0808-078	Thermostat	1	
45	0808-124	Sensor, Engine Coolant Temperature	1	

Ref #	Part #	Description	Qty	Context Note
46	0827-031	Bolt, Stud	1	
47	8424-804	Nut	1	
48	0827-054	Bolt, Stud	2	
49	8424-604	Nut	2	

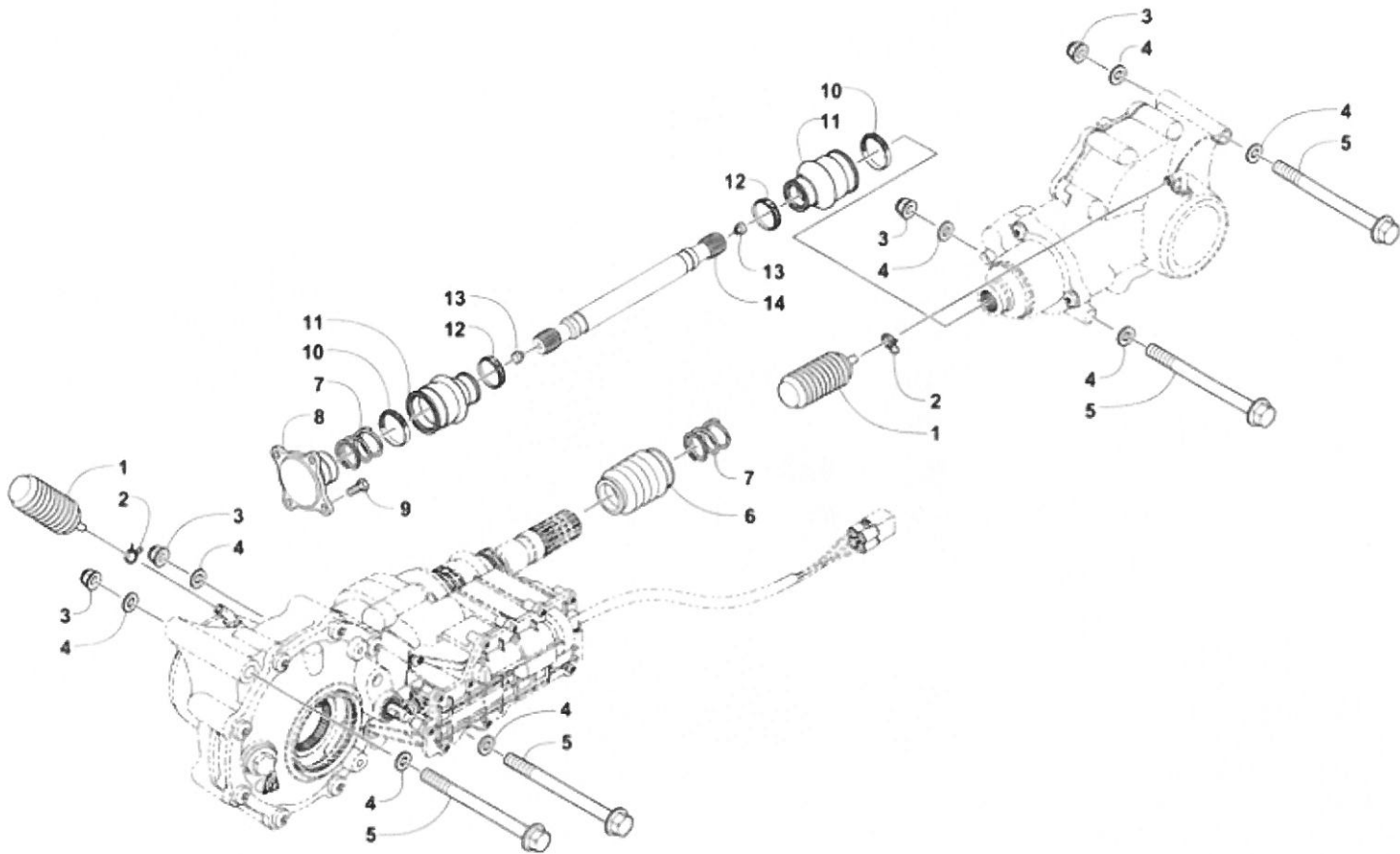
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - DECALS [302710]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context	Note
1	6411-346	Decal, Front Fender - Right	1		
1	6411-347	Decal, Front Fender - Left	1		
2	6411-249	Decal, Logo	1		
3	6411-368	Decal, Windscreen	2		
4	5411-953	Decal, Textron	1		

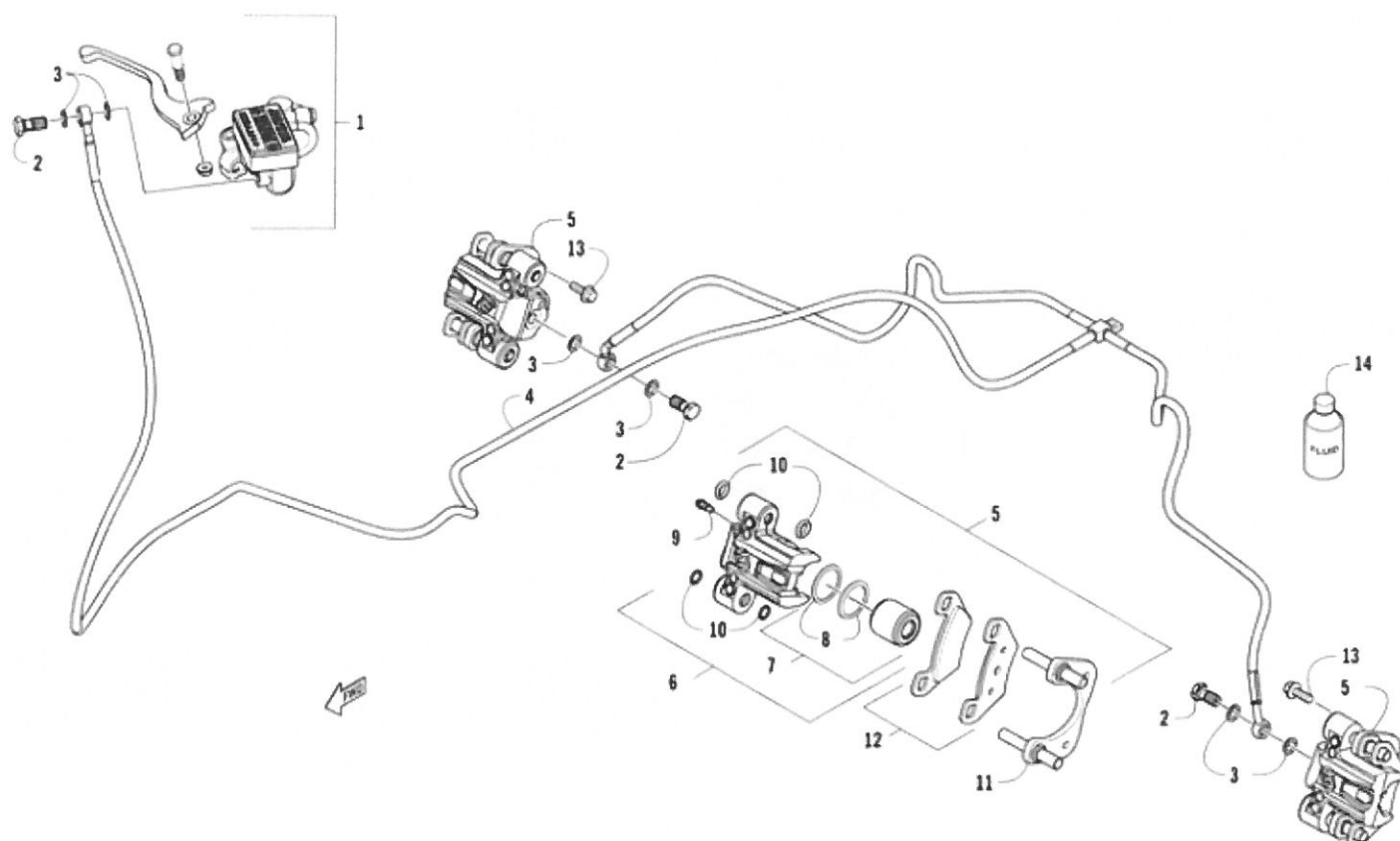
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - DRIVE TRAIN ASSEMBLY [301676]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	1402-620	Bladder	2	
2	0423-315	Clamp, Hose	2	
3	8428-002	Nut, Lock	4	
4	0423-426	Washer	8	
5	0423-404	Screw, Cap	4	
6	0402-966	Boot, Prop Shaft (Long)	1	
7	1402-026	Spring	2	
8	2402-193	Flange, Output	1	
9	8408-820	Screw, Cap	4	
10	0423-393	Clamp	2	
11	0402-985	Boot	2	
12	0423-411	Clamp	2	
13	0673-618	Bumper, Driveshaft	2	
14	1402-092	Shaft, Propeller	1	

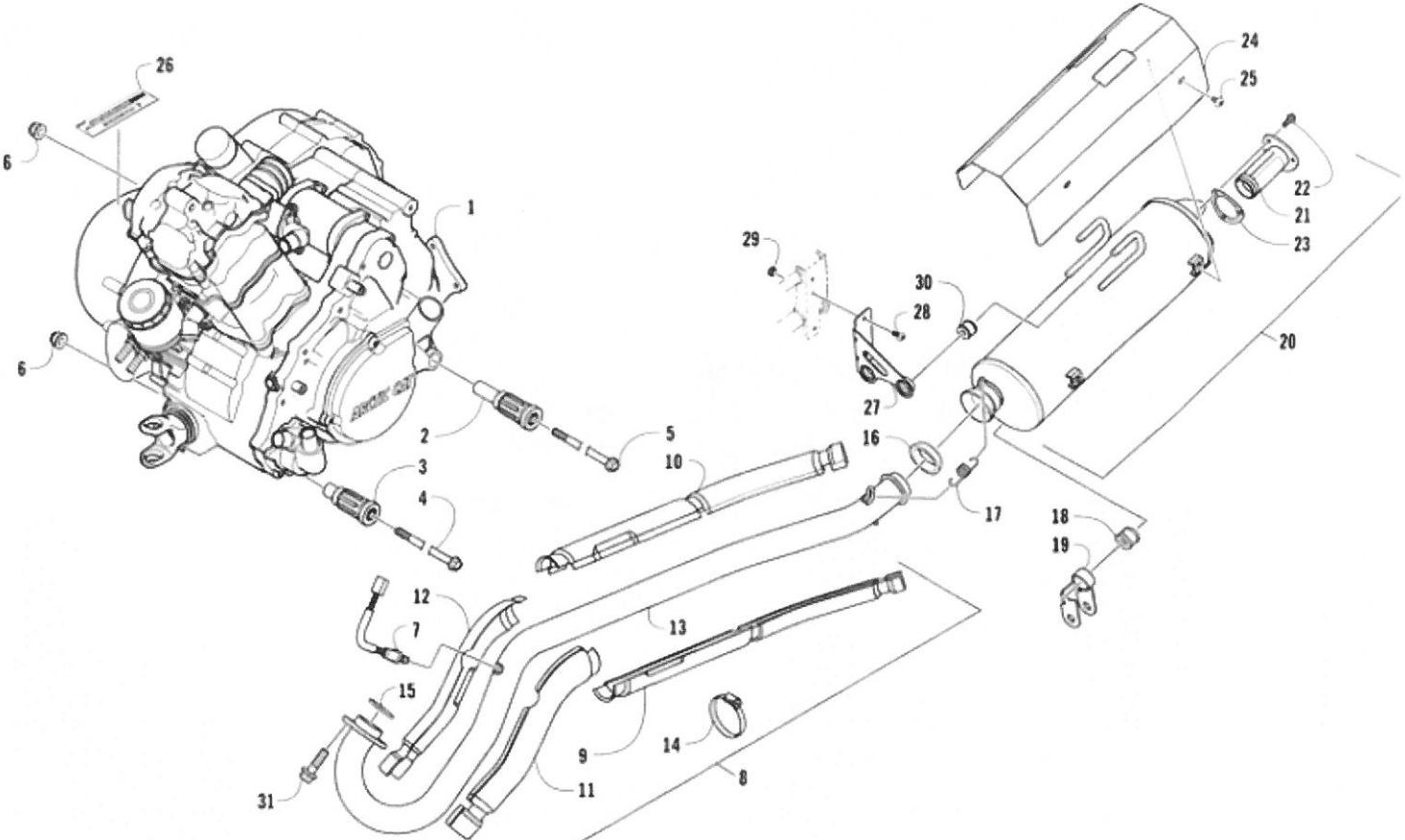
2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - EMERGENCY BRAKE ASSEMBLY [301957]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	2402-260	Emergency Brake Assembly	1	
2	0423-413	Bolt, Banjo Fitting	3	
3	0423-178	Washer, Crush	6	
4	2402-348	Hose, Brakeline - Assembly	1	
5	2502-391	Caliper, Brake	1	(inc. 6-12) (Right)
5	2502-270	Caliper, Brake	1	(inc. 6-12) (Left)
6	1436-160	Housing, Caliper - Assembly	1	(inc. 7-8) (Right)
6	1436-161	Housing, Caliper - Assembly	1	(inc. 7-8) (Left)
7	0502-606	Piston/Seal Set	2	(inc. 8)
8	0502-607	Seal Set	2	
9	0502-609	Valve, Bleed	2	
10	0502-608	O-Ring, Guide - Set	2	
11	0502-605	Bracket Assembly	2	
12	2502-271	Pad, Brake - Set	2	
13	8408-821	Screw, Cap	4	
14	5639-848	DOT 4 BRAKE FLUID - 12 OZ AR		

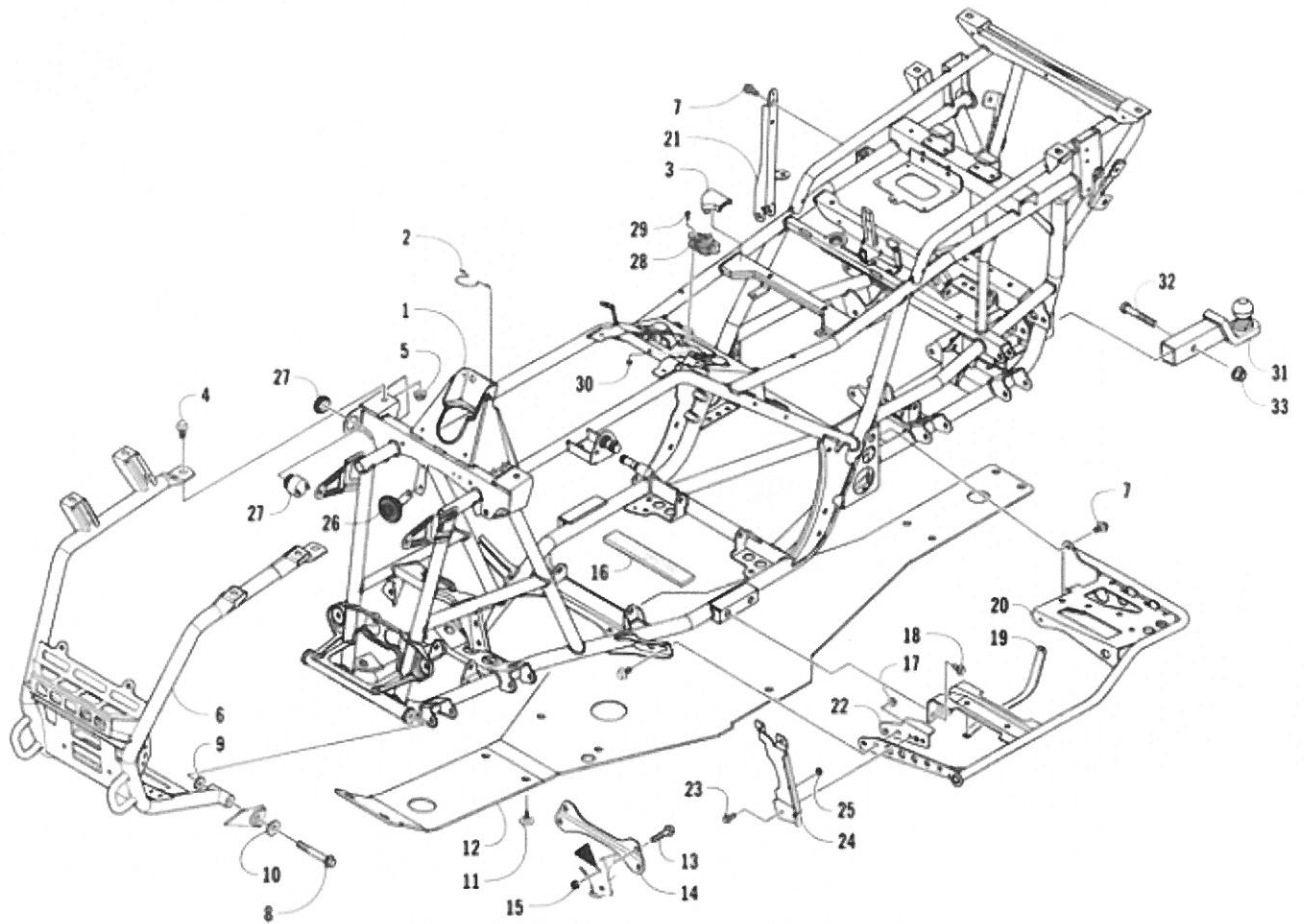
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - ENGINE AND EXHAUST [301985]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0800-207	Engine, A700U	1	
2	0801-129	Mount, Rubber - Engine	3	
3	0801-122	Mount, Rubber - Engine	1	
4	0423-405	Screw, Cap	1	
5	0423-451	Screw, Cap	1	
6	1423-335	Nut, Lock	2	
7	0430-135	Sensor, Oxygen	1	
8	0512-623	Pipe, Exhaust - Assembly	1	(inc. 9-14)
9	0412-355	Shield, Exhaust Pipe - Lower - Rear	1	
10	0412-354	Shield, Exhaust Pipe - Upper - Rear	1	
11	0412-686	Shield, Exhaust Pipe - Outer - Front	1	
12	0412-687	Shield, Exhaust Pipe - Inner - Front	1	
13	0512-624	Pipe, Exhaust	1	
14	0423-317	Clamp	4	
15	0412-338	Gasket, Exhaust	1	
16	0412-375	Seal, Exhaust	1	
17	0612-668	Spring	2	
18	0412-577	Bushing	1	
19	1506-732	Channel, Muffler Support	1	
20	0512-946	Muffler - Assembly	1	(inc. 21-23)
21	0512-219	Spark Arrester Assembly	1	
22	8408-616	Screw, Cap	3	
23	0412-313	Gasket, Spark Arrester	1	
24	1412-007	Shield, Heat	1	
25	8477-610	Screw, Machine	4	
26	0411-426	Decal, Warning	1	
27	5406-091	Bracket, Muffler	1	
28	8476-616	Screw, Machine	2	
29	0623-038	Nut w/Washer	2	
30	0412-544	Bushing	2	
31	8408-820	Screw, Cap	2	

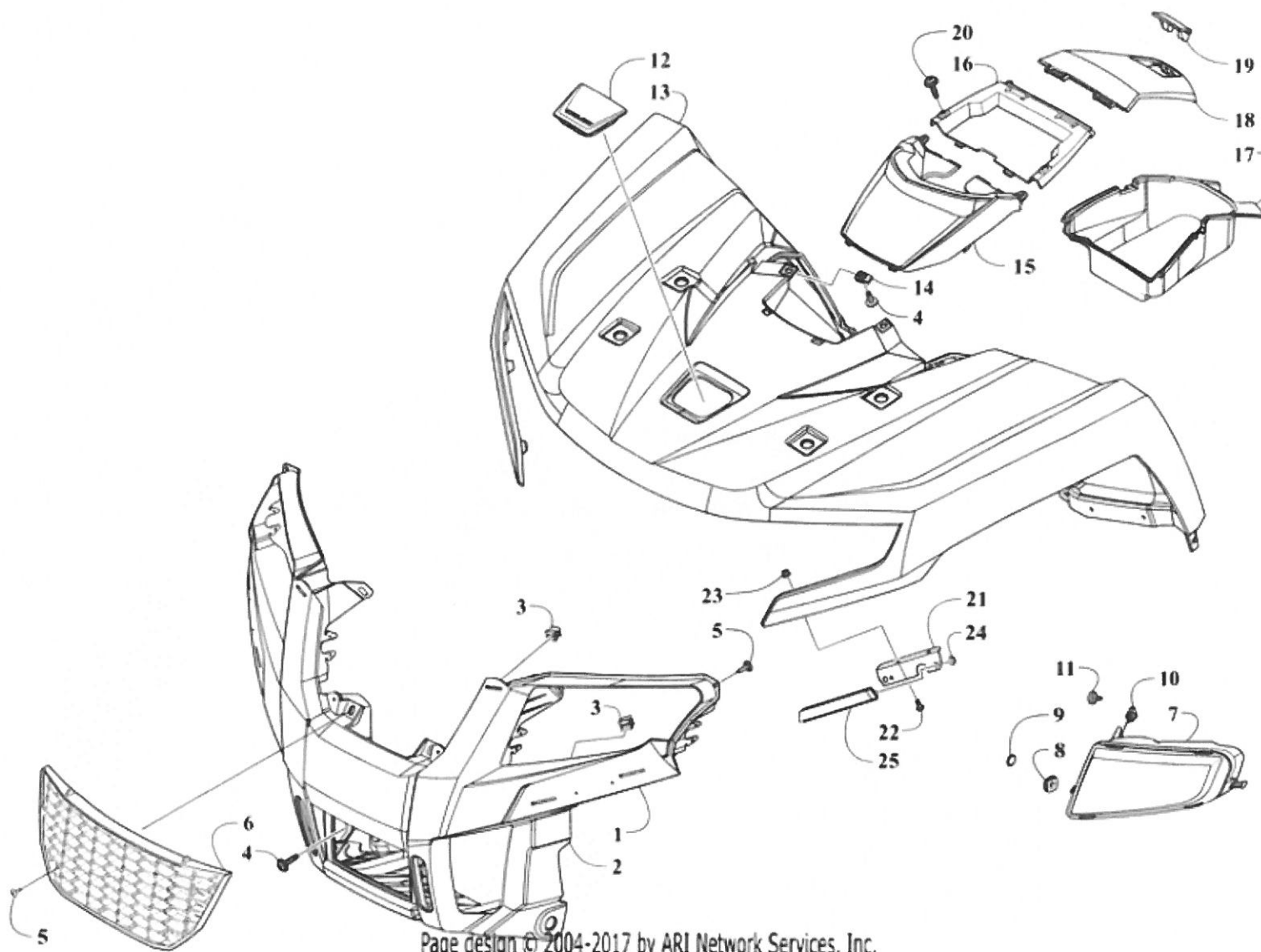
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - FRAME AND RELATED PARTS [301963]



Page design © 2004-2017 by ARI Network Services, Inc.

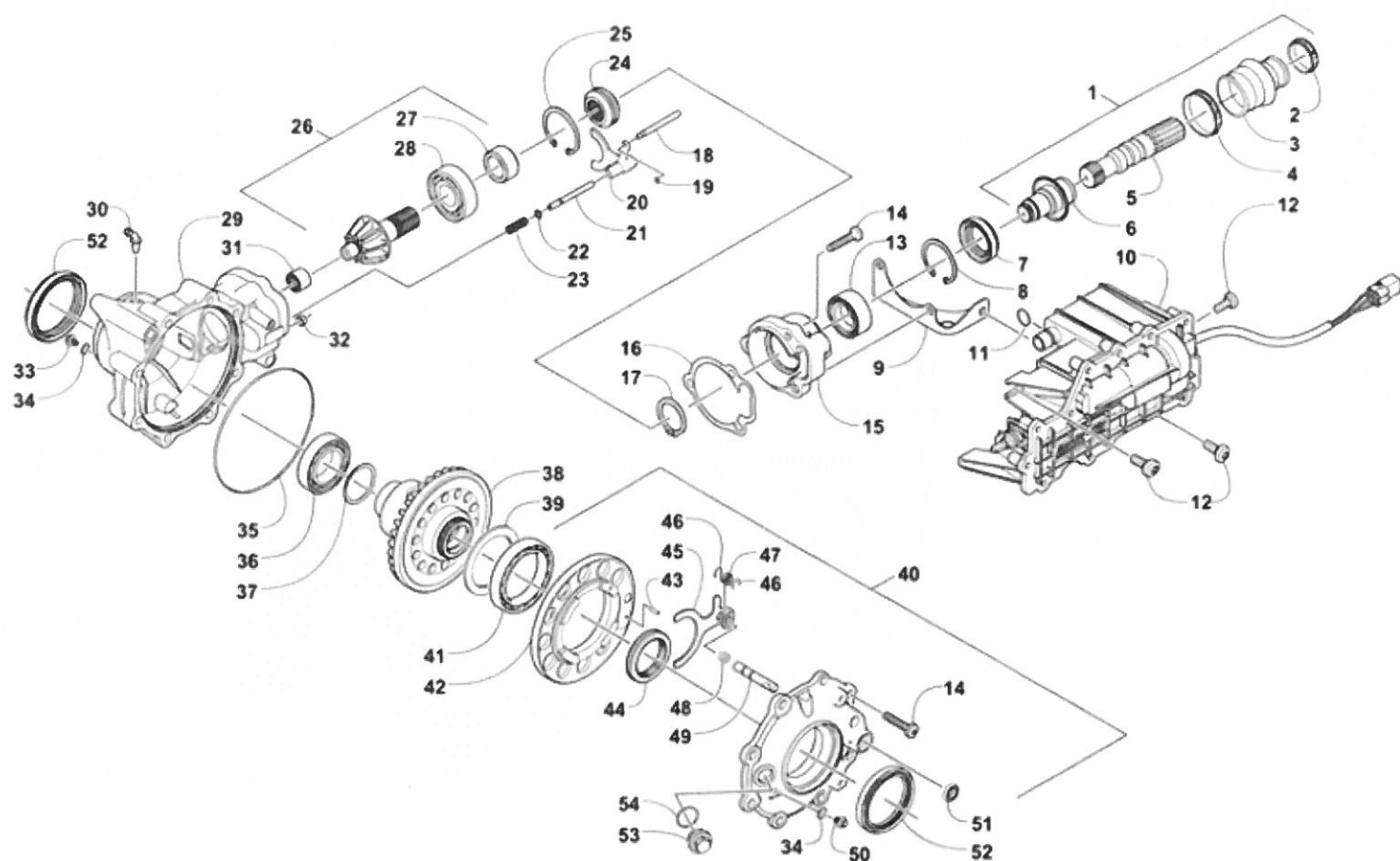
Ref #	Part #	Description	Qty	Context Note
1	7506-464	Frame, Main	1	
2	2416-401	Clip, Routing	1	
3	5406-439	Cover, Frame	1	
4	8409-020	Screw, Cap	2	
5	8427-002	Nut, Lock	2	
6	7506-332	Bumper - Black	1	
7	8408-816	Screw, Cap	5	
8	8411-075	Screw, Cap	2	
9	5406-160	Spacer	2	
10	8450-164	Washer	2	
11	1423-109	Screw, Self-Tapping	12	
12	2406-091	Panel, Belly	1	
13	8409-025	Screw, Cap	2	
14	2516-852	Brace, A-Arm	1	
15	1423-335	Nut, Lock	2	
16	0406-289	Pad, Frame	2	
17	8424-802	Nut, Lock	8	
18	8409-016	Screw, Cap	4	
19	2406-216	Strap, Footrest - Right	1	
19	2406-217	Strap, Footrest - Left	1	
20	1506-848	Footrest - Right	1	
20	1506-849	Footrest - Left	1	
21	7506-382	Bracket, Support	1	
22	7506-776	Bracket, Footrest - Right	1	
22	7506-777	Bracket, Footrest - Left	1	
23	8408-820	Screw, Cap	8	
24	7506-778	Bracket, Footrest - Upper - Right	1	
24	7506-779	Bracket, Footrest - Upper - Left	1	
25	0406-877	Bumper	4	
26	0430-131	Horn, Electric 12V	1	
27	0630-243	Alarm, Reverse	1	
28	0445-128	Switch, Battery - Disconnect	1	
29	8477-616	Screw, Machine	2	
30	0623-038	Nut w/Washer	2	
31	0541-856	Mount, Ball Hitch	1	
32	1423-128	Screw, Cap	1	
33	1423-129	Nut, Lock	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - FRONT BODY PANEL AND HEADLIGHT ASSEMBLIES [302701]



Ref #	Part #	Description	Qty	Context Note
1	7506-715	Fascia, Front w/Reflectors	1	
2	5411-460	Decal, Reflector - Right	1	
2	5411-461	Decal, Reflector - Left	1	
3	1423-321	Clip, Retaining	6	
4	0423-609	Screw, Machine	4	
5	1423-284	Screw, Self-Tapping	4	
6	4406-990	Grille, Front	1	
7	0509-118	Headlight, LED - Assembly - Right	1	
7	0509-119	Headlight, LED - Assembly - Left	1	
8	4406-722	Grommet - Right	2	
8	4406-723	Grommet - Left	2	
9	1423-326	O-Ring	4	
10	1623-637	Clip, U-Nut	2	
11	2623-113	Knob, Adjuster	2	
12	4406-784	Plug, Access	1	
13	5406-345	Panel, Fender - Assembly - Black	1	
14	0423-577	Clip, U-Nut	2	
15	5406-211	Console, Front	1	
16	5406-987	Console, Rear	1	
17	5406-204	Box, Storage	1	
18	5406-208	Lid, Storage Box	1	
19	5406-207	Latch, Storage Box	1	
20	1423-221	Screw, Cap	2	
21	7506-216	Bracket - Right	1	
21	7506-217	Bracket - Left	1	
22	8477-616	Screw, Machine	4	
23	8427-603	Nut, Lock	4	
24	0423-357	Nut, Stamped	4	
25	0509-090	Signal, Turn - Front - Right	1	
25	0509-091	Signal, Turn - Front - Left	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - FRONT DRIVE GEARCASE ASSEMBLY
[301268]

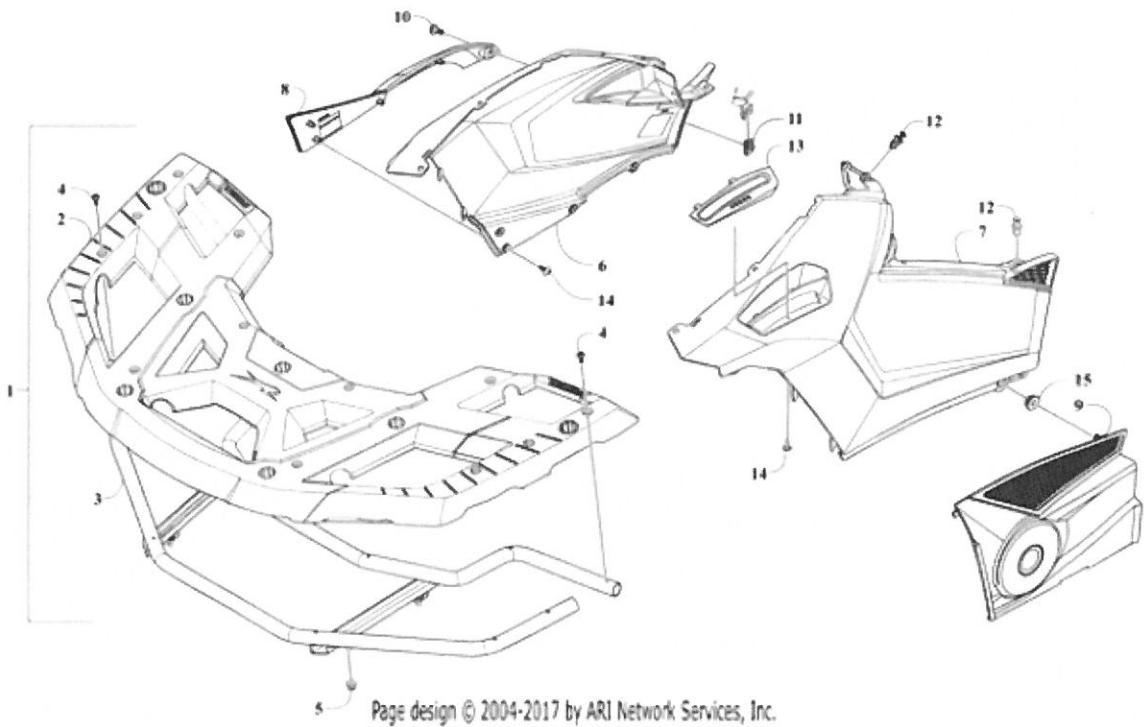


Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
-	2502-132	Gearcase, Front	1	
1	1502-083	Shaft, Propeller - Assembly	1	(inc. 2-6)
2	0423-411	Clamp	1	
3	0402-985	Boot	1	
4	0423-393	Clamp	1	
5	1402-045	Shaft, Output	1	
6	1502-085	Shaft, Input	1	
7	1402-011	Seal	1	
8	0423-423	Ring, Retaining	1	
9	1502-237	Bracket, Actuator	1	
10	2502-194	Actuator	1	(inc. 11)
11	1402-981	O-Ring	2	
12	0423-396	Screw, Self-Tapping	3	
13	1402-043	Bearing	1	
14	0423-118	Screw, Self-Tapping	11	
15	0502-528	Housing, Pinion	1	
16	0402-947	Gasket, Flange	1	
17	0423-417	Ring, Retaining	1	
18	0402-997	Shaft, Selector	1	
19	0423-402	Ring, Retaining	1	
20	0402-998	Fork, Selector	1	
21	0402-417	Shaft, Shuttle	1	
22	0423-147	O-Ring	1	
23	0402-999	Spring, Return	1	
24	0402-413	Coupler, Drive	1	
25	1423-067	Ring, Retaining	1	
26	1502-851	Gear, Pinion - Assembly - 11T	1	(inc. 27-28)
27	1402-977	Collar, Retaining	1	
28	0402-327	Bearing	1	
29	1502-856	Housing, Gearcase	1	
30	2402-160	Fitting, Elbow	1	
31	0402-328	Bearing	1	
32	0402-411	Pin, Dowel	1	
33	1402-210	Plug, Magnetic	1	(inc. one No. 34)
34	0423-153	O-Ring	2	
35	0423-149	O-Ring	1	
36	0402-393	Bearing	1	
37	0402-405	Shim, 41 x 49 x 1.3 mm	AR	
37	0402-406	Shim, 41 x 49 x 1.4 mm	AR	
37	0402-407	Shim, 41 x 49 x 1.5 mm	AR	
37	0402-408	Shim, 41 x 49 x 1.6 mm	AR	
37	0402-409	Shim, 41 x 49 x 1.7 mm	AR	
38	1502-859	Gear, Ring - 34T	1	

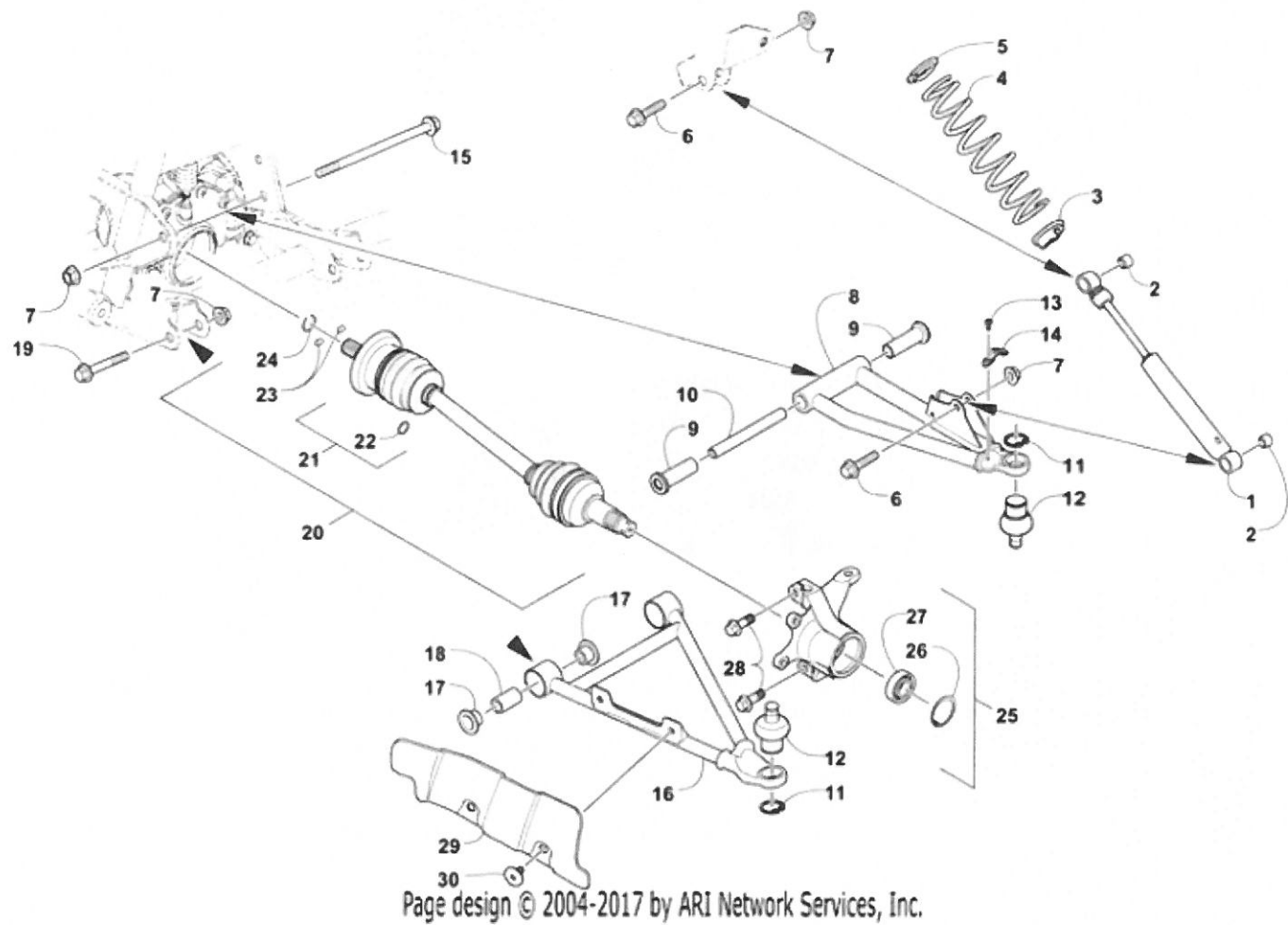
Ref #	Part #	Description	Qty	Context Note
39	1402-074	Shim, 61 x 69 x 1.3 mm	AR	
39	1402-075	Shim, 61 x 69 x 1.4 mm	AR	
39	1402-076	Shim, 61 x 69 x 1.5 mm	AR	
39	1402-077	Shim, 61 x 69 x 1.6 mm	AR	
39	1402-078	Shim, 61 x 69 x 1.7 mm	AR	
40	2502-286	Cover, Gearcase	1	(inc. one No. 34, 41-51, and one No. 52)
41	1402-053	Bearing	1	
42	0502-413	Flange, Bearing	1	
43	1402-079	Pin, Parallel	1	
44	1402-042	Collar, Sliding	1	
45	1402-054	Fork	1	
46	1402-058	Ring, Retaining	2	
47	1402-057	Spring	1	
48	1402-063	Spring	1	
49	1402-656	Shaft, Lock	1	
50	1402-211	Plug, Oil Level	1	(inc. one No. 34)
51	1402-056	Seal	1	
52	2402-240	Seal	2	
53	0402-333	Plug, Fill	1	(inc. 54)
54	0423-154	O-Ring	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - FRONT RACK AND SIDE PANEL ASSEMBLIES
[302702]



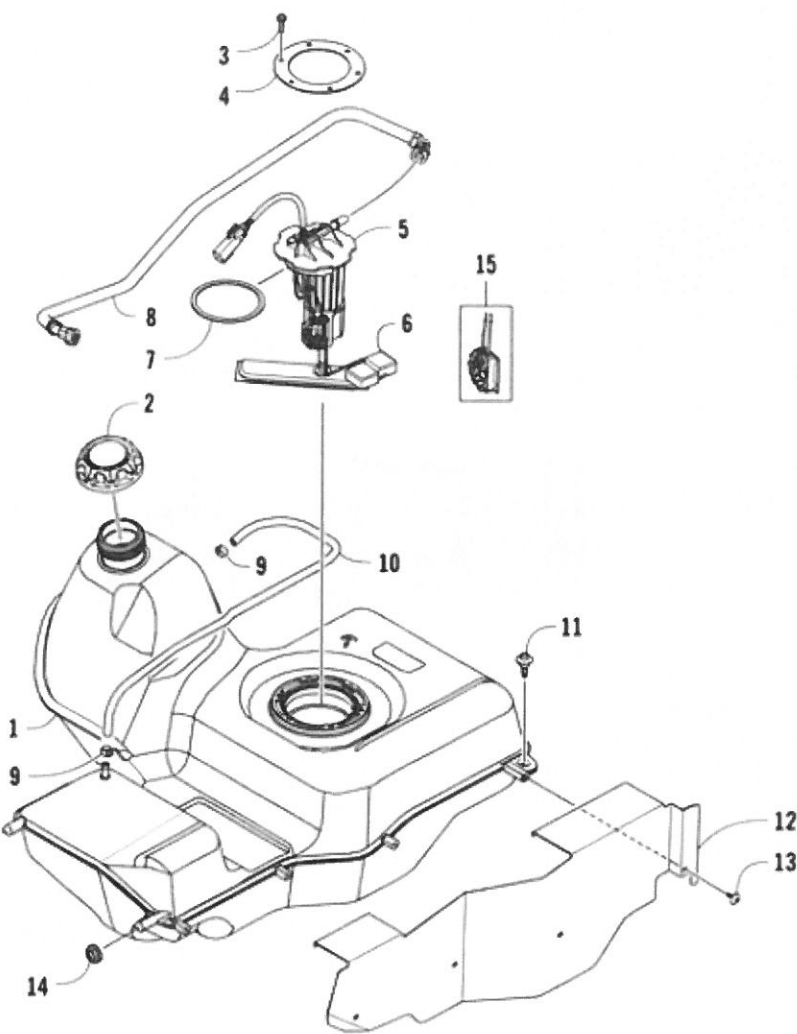
Ref #	Part #	Description	Qty	Context Note
1	7506-338	Rack, Front - Assembly	1	(inc. 2-4)
2	5506-672	Rack, w/Overmold	1	
3	7506-337	Tube, Rack - Black	1	
4	1423-301	Screw, Machine	12	
5	8432-802	Nut, Hex	4	
6	5406-354	Panel, Side - Right - Black	1	
7	5406-355	Panel, Side - Left - Black	1	
8	5406-206	Panel, Engine Cover - Right	1	
9	5406-209	Panel, Engine Cover - Left	1	
10	0423-609	Screw, Machine	2	
11	0423-577	Clip, U-Nut	AR	
12	1423-276	Rivet, Reinstallable	7	
13	2402-327	Gate, Shift	1	
14	1423-284	Screw, Self-Tapping	5	
15	0423-678	Grommet	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - FRONT SUSPENSION ASSEMBLY [302705]



Ref #	Part #	Description	Qty	Context Note
1	0403-209	Shock Absorber	2	(inc. 2)
2	0403-182	Bushing	4	
3	0403-395	Cam, Spring Adjuster	2	
4	0503-509	Spring, Suspension - White	2	
5	1603-889	Retainer, Spring	2	
6	8409-040	Screw, Cap	4	
7	1423-335	Nut, Lock	10	
8	0503-416	A-Arm, Front Upper - Right - Black - Assembly	1	(inc. 9-12)
8	0503-417	A-Arm, Front Upper - Left - Black - Assembly	1	(inc. 9-12)
9	0403-289	Bushing, Upper A-Arm Suspension	4	
10	0403-439	Axle	2	
11	0423-009	Ring, Retaining	4	
12	0405-483	Ball Joint	4	
13	0423-946	Screw, Self-Tapping	4	
14	1502-594	Clamp, Routing	2	
15	0423-334	Screw, Cap	2	
16	0503-376	A-Arm, Lower Right - Black	1	(inc. 17-18 and two No. 11-12)
16	0503-377	A-Arm, Lower Left - Black	1	(inc. 17-18 and two No. 11-12)
17	0403-409	Bushing	8	
18	0403-438	Axle	4	
19	8409-075	Screw, Cap	4	
20	2502-352	Kit, Halfshaft	2	(inc. 21-24)
21	2436-111	Repair Kit, Boot	2	(inc. 22)
22	1441-988	Circlip	2	
23	1402-885	Pin, Transfer	4	
24	1402-889	Circlip	2	
25	0505-978	Knuckle - Assembly - Right	1	(inc. 26-27)
25	0505-979	Knuckle - Assembly - Left	1	(inc. 26-27)
26	0423-423	Ring, Retaining	2	
27	1402-809	Bearing	2	
28	0423-998	Screw, Shoulder	4	
29	1406-034	Guard, Boot - Right - Black	1	
29	1406-035	Guard, Boot - Left - Black	1	
30	0423-545	Screw, Shoulder	4	

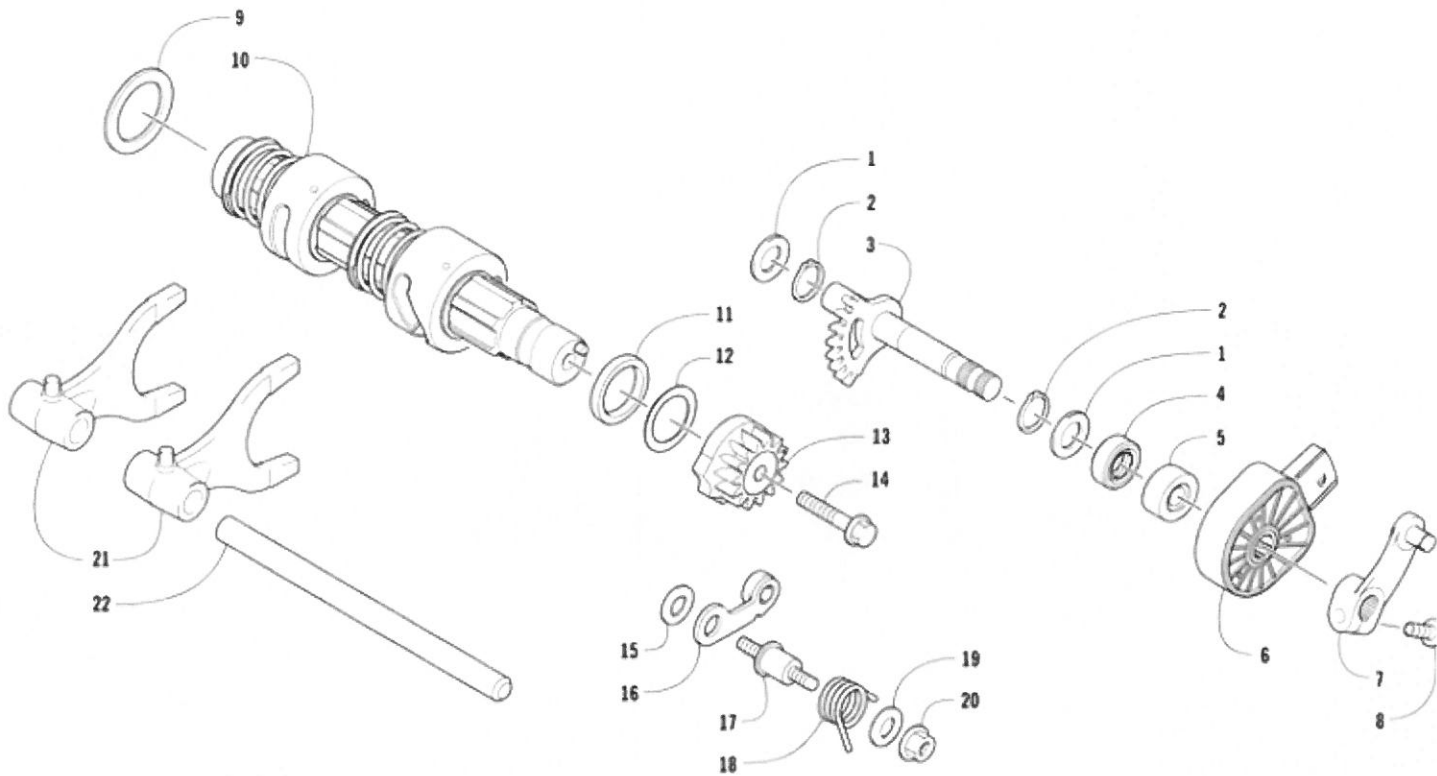
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - GAS TANK ASSEMBLY [301644]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
3	0423-898	Screw, Self-Tapping	6	
13	2623-164	Screw, Self-Tapping	4	
14	0423-460	Grommet	2	
9	0423-688	Clamp, Hose	AR	
7	0470-838	Seal	1	
11	0423-732	Screw, Shoulder	2	
6	2670-235	Float	1	
2	1470-185	Cap, Gas Tank	1	
12	0470-822	Shield, Heat	1	
8	0570-305	Hose, Fuel - Assembly	1	
4	2670-042	Plate, Retaining - Fuel Pump	1	
10	0410-070	Hose - 25 ft	AR	
15	1770-170	Fuel Level Sensor Kit	1	
1	0570-466	Tank, Gas - Assembly	1	(inc. 2-4)
5	0570-433	Fuel Pump - Assembly	1	(inc. 6-7)

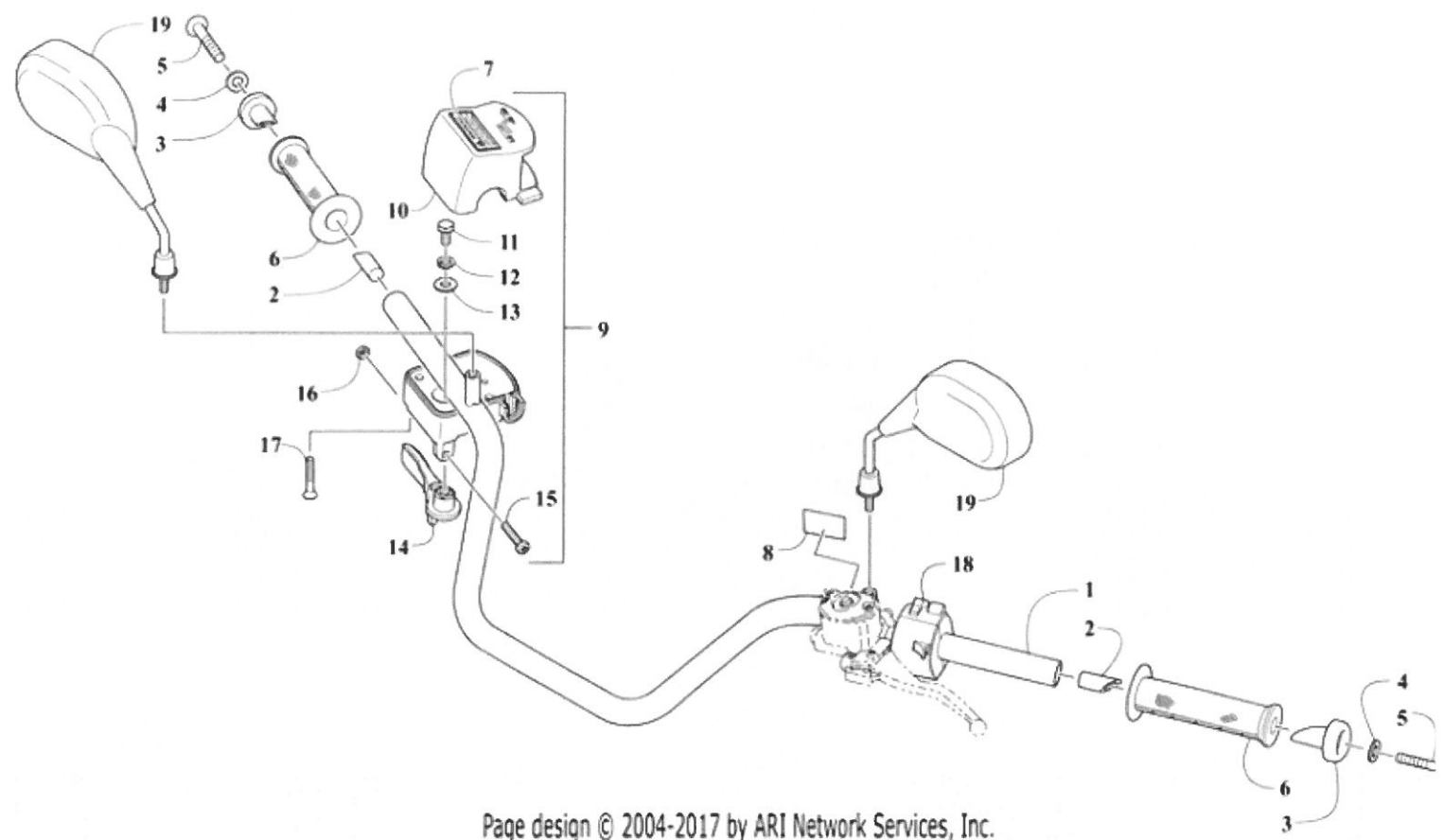
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - GEAR SHIFTING ASSEMBLY [302708]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0828-036	Washer	2	
2	0831-010	Ring, Retaining	2	
3	0818-155	Shaft, Sub-Gear Shift	1	
4	0830-044	Seal, Sub-Gear Shift Shaft	1	
5	0818-152	Spacer	1	
6	0409-201	Switch, Gear Position	1	
7	0818-166	Arm, Select	1	
8	8468-620	Screw, Machine	1	
9	0828-040	Washer	1	
10	0818-133	Shaft, Gear Shift - Assembly	1	
11	0828-131	Spacer	1	
12	0828-037	Washer	1	
13	0818-143	Cam, Gear Shift	1	
14	0826-006	Screw, Cap	1	
15	0828-038	Washer	1	
16	0818-002	Stopper, Cam	1	
17	0818-004	Support, Cam Stopper	1	
18	0818-144	Spring	1	
19	0828-035	Washer	1	
20	8424-602	Nut	1	
21	0818-171	Fork, Shift	2	
22	0818-006	Shaft, Shift Fork	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - HANDLEBAR ASSEMBLY [302992]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0505-522	Handlebar	1	
2	0405-218	Plug, Handlebar	2	
3	0405-149	End Cap, Handlebar	2	
4	8050-247	Washer	2	
5	8477-845	Screw, Machine	2	
6	0405-147	Grip, Handlebar	2	
7	0411-966	Decal, Warning - Differential Lock	1	
8	1411-865	Decal, Brake Lever Lock	1	
9	0509-054	Case, Throttle - Assembly	1	(incl. 10-17)
10	0409-141	Cover, Throttle Case - w/Switch	1	
11	3007-392	Bolt	1	
12	3004-447	Washer, Lock	1	
13	3003-030	Washer	1	
14	0409-133	Lever, Throttle	1	
15	3423-014	Screw, Machine	1	
16	3423-327	Nut	1	
17	3423-199	Screw, Machine	2	
18	0509-108	Switch, Control - Assembly	1	
19	2406-630	Mirror - Right	1	
19	2406-631	Mirror - Left	1	

This diagram illustrates the assembly of a hydraulic system. It features a main hydraulic line (14) with multiple branches. Key components include:

- 1, 3, 15, 17, 27:** Hydraulic cylinders or actuators.
- 10, 11, 12, 13, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26:** Various fittings, valves, and connectors.
- 28:** A complex hydraulic valve assembly with multiple ports and a lever.
- 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39:** Additional components including a reservoir, filters, and hoses.
- 40:** A bottle of hydraulic fluid labeled "FLUID".

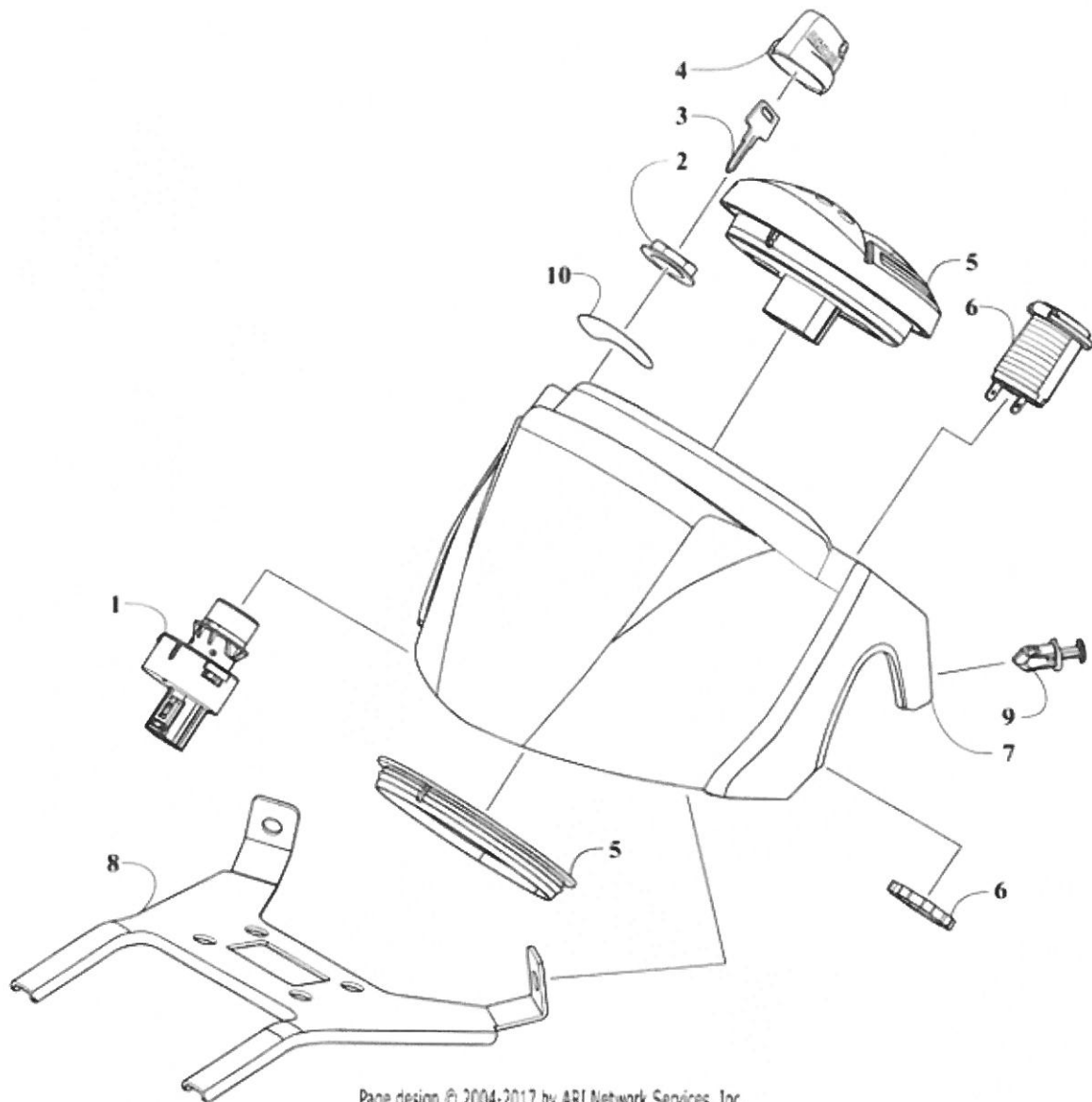
 An arrow labeled "FR" points towards the left side of the diagram, indicating a flow direction or assembly sequence.

Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
28	2502-401	Kit, Master Cylinder - Assembly	1	(inc. 29-36)
18	0117-868	Pin, Cotter	1	
23	1602-213	O-Ring	2	
39	0123-788	Tie, Cable - 8 in.	AR	
3	8408-821	Screw, Cap	6	
13	8427-603	Nut, Lock	1	
19	8050-217	Washer	1	
21	8408-816	Screw, Cap	1	
22	8050-252	Washer	1	
26	8408-625	Screw, Cap	2	
12	8476-625	Screw, Cap	1	
38	1502-115	Clip, Brakeline Hose	2	
10	0423-178	Washer, Crush	13	
11	0423-413	Bolt, Banjo Fitting	5	
29	0502-566	Screw, Machine - Kit	1	
20	1402-377	Pin, Clevis	1	
31	0502-568	Screw, Machine - Kit	1	
36	0502-580	Lever Pin - Kit	1	
24	0502-807	Spring, Brake Lever	1	
35	1502-905	Lock, Brake Lever - Kit	1	
6	0502-609	Valve, Bleed	3	
5	0502-607	Seal Set	3	
7	0502-608	O-Ring, Guide - Set	3	
40	5639-848	DOT 4 BRAKE FLUID - 12 OZ	AR	
32	0502-869	Clamp, Brake	1	
4	0502-606	Piston/Seal Set	3	(inc. 5)
25	1502-063	Lever, Brake	1	
9	1436-420	Kit - Pad, Brake - Set	3	
34	1502-904	Lever Assembly - Kit	1	(inc. 35-36)
30	0502-868	Cover, Reservoir	1	
8	0502-605	Bracket Assembly	3	
15	3313-238	Pressure, Switch	1	
33	0502-704	Master Cylinder Assembly	1	
16	1402-594	Hose, Brakeline	1	
2	1436-160	Housing, Caliper - Assembly	1	(inc. 3-6) Right Front
1	1436-422	Caliper, Brake	1	(inc. 2-9) Right Front
1	1436-423	Caliper, Brake	2	(inc. 2-9) Left Front and Rear
2	1436-161	Housing, Caliper - Assembly	2	(inc. 3-6) Left Front and Rear
17	1502-147	Brake Assembly	1	
27	1402-592	Hose, Brakeline	1	
14	1502-148	Hose, Brakeline - Assembly	1	
37	2402-386	Sensor, Fluid Level	1	

Ref #	Part #	Description	Qty	Context Note
-------	--------	-------------	-----	--------------

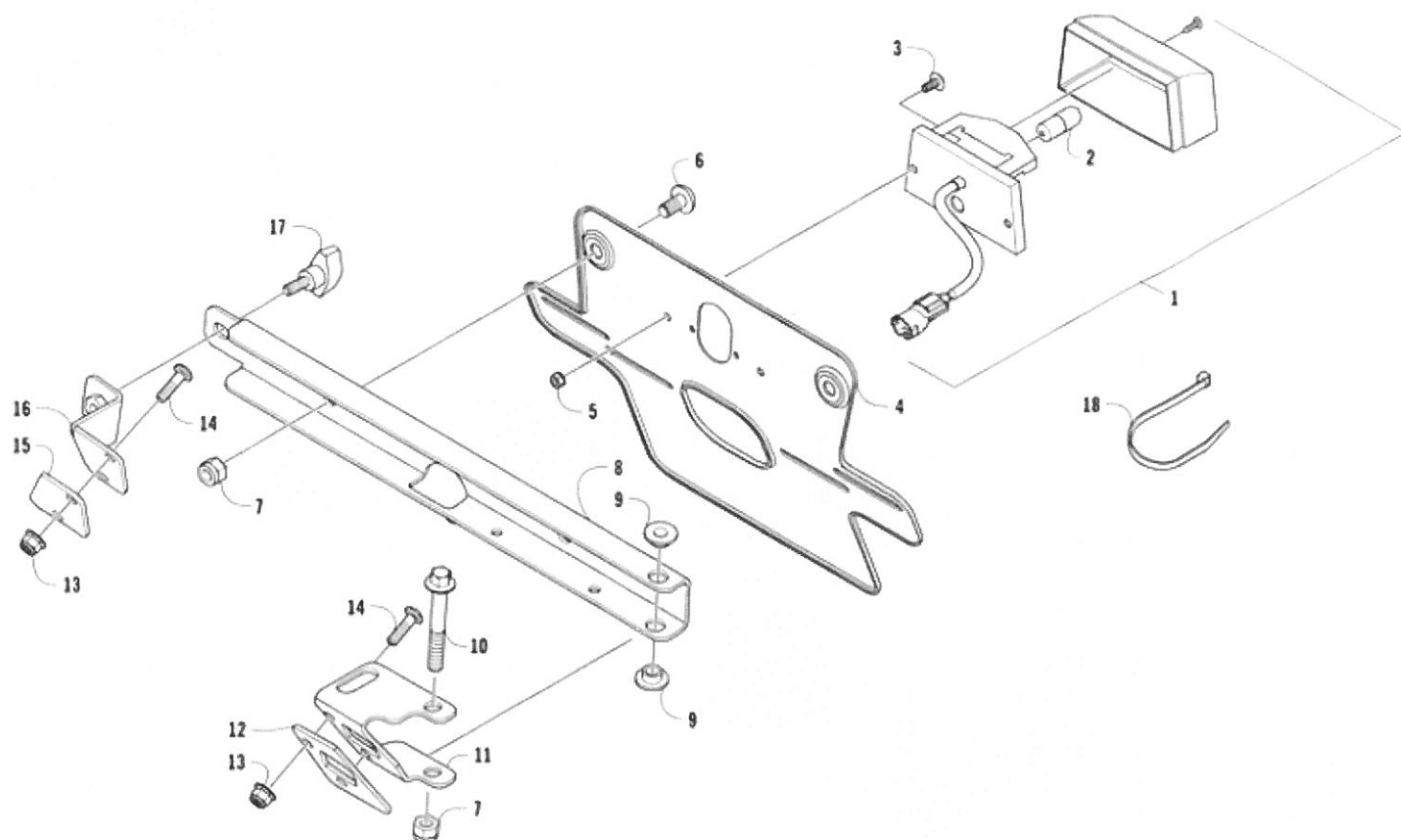
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - INSTRUMENT POD ASSEMBLY [302993]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0609-936	Switch, Ignition - Assembly	1	(inc. 2-4)
2	0430-050	Nut, Retaining	1	
3	0430-042	Key, Ignition - Y Series - Left-Side Cut	1	
3	0430-043	Key, Ignition - Z Series - Right-Side Cut	1	
4	0630-324	Cover, Key	1	
5	0520-300	Gauge, LCD	1	
6	0445-157	Outlet, Accessory - 12V DC	1	
7	5406-380	Instrument Pod - Black	1	
8	7506-418	Bracket, Mounting - Instrument Pod	1	
9	1423-276	Rivet, Reinstallable	2	
10	5411-927	Decal, Ignition Position	1	

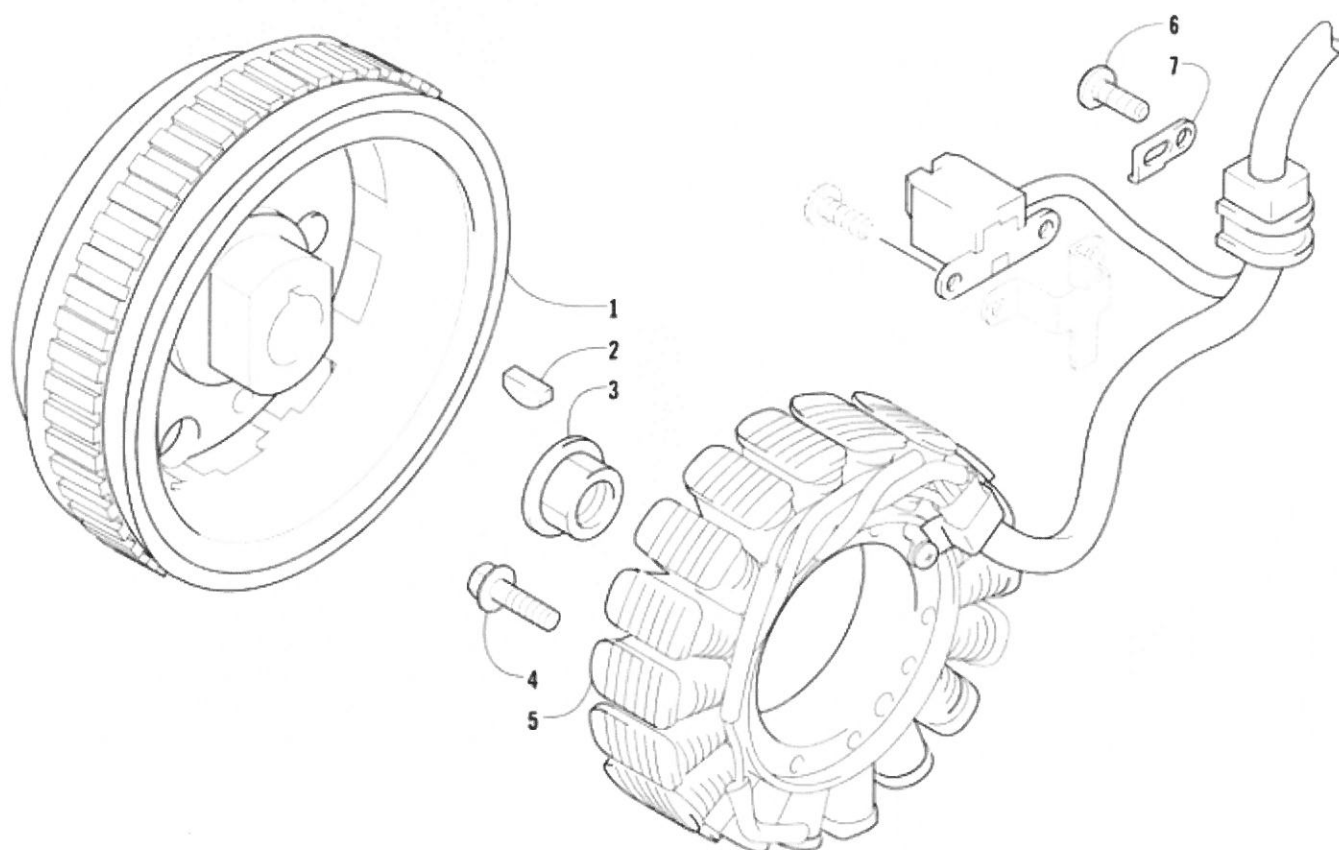
2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - LICENSE PLATE HOLDER ASSEMBLY [301971]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0509-072	Light, License Plate - Assembly	1	(inc. 2)
2	0409-150	Bulb	1	
3	1423-195	Screw, Machine	2	
4	5506-190	Mount, License Plate	1	
5	0624-524	Nut w/Washer	2	
6	8477-816	Screw, Machine	2	
7	8432-802	Nut, Hex	3	
8	7506-218	Bracket	1	
9	0423-091	Bushing	2	
10	8408-860	Screw, Cap	1	
11	7506-413	Bracket	1	
12	5406-215	Plate - Left	1	
13	8427-603	Nut, Lock	4	
14	8468-620	Screw, Machine	4	
15	5406-214	Plate - Right	1	
16	7506-412	Bracket, Plate	1	
17	1441-624	KNOB, PLASTIC-BLK	1	
18	0123-788	Tie, Cable - 8 in.	AR	

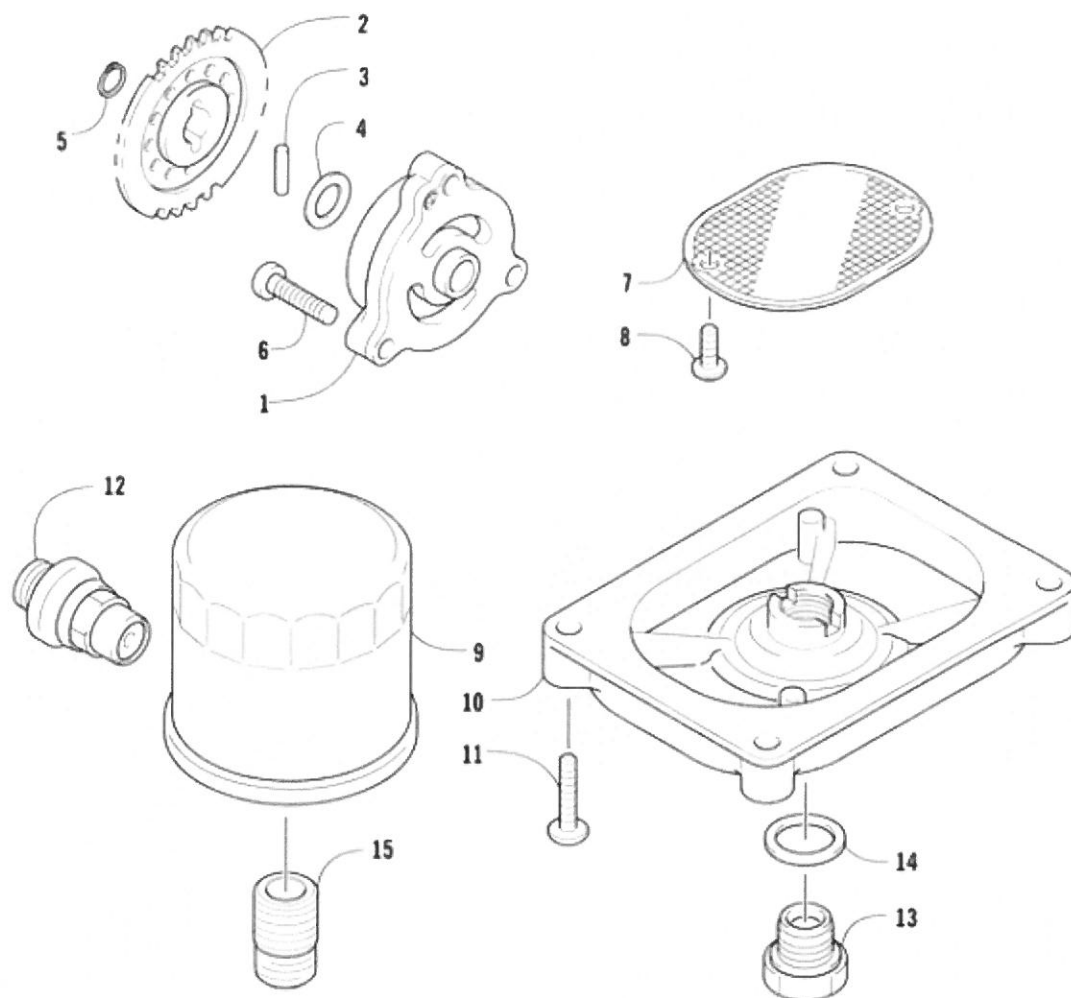
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - MAGNETO ASSEMBLY [300128]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context	Note
1	0802-062	Rotor/Flywheel	1		
2	0829-012	Key	1		
3	0827-014	Nut	1		
4	8409-632	Screw, Machine	3		
5	0802-073	Stator	1		
6	8470-510	Screw, Machine	1		
7	0802-015	Clamp - No. 1	1		

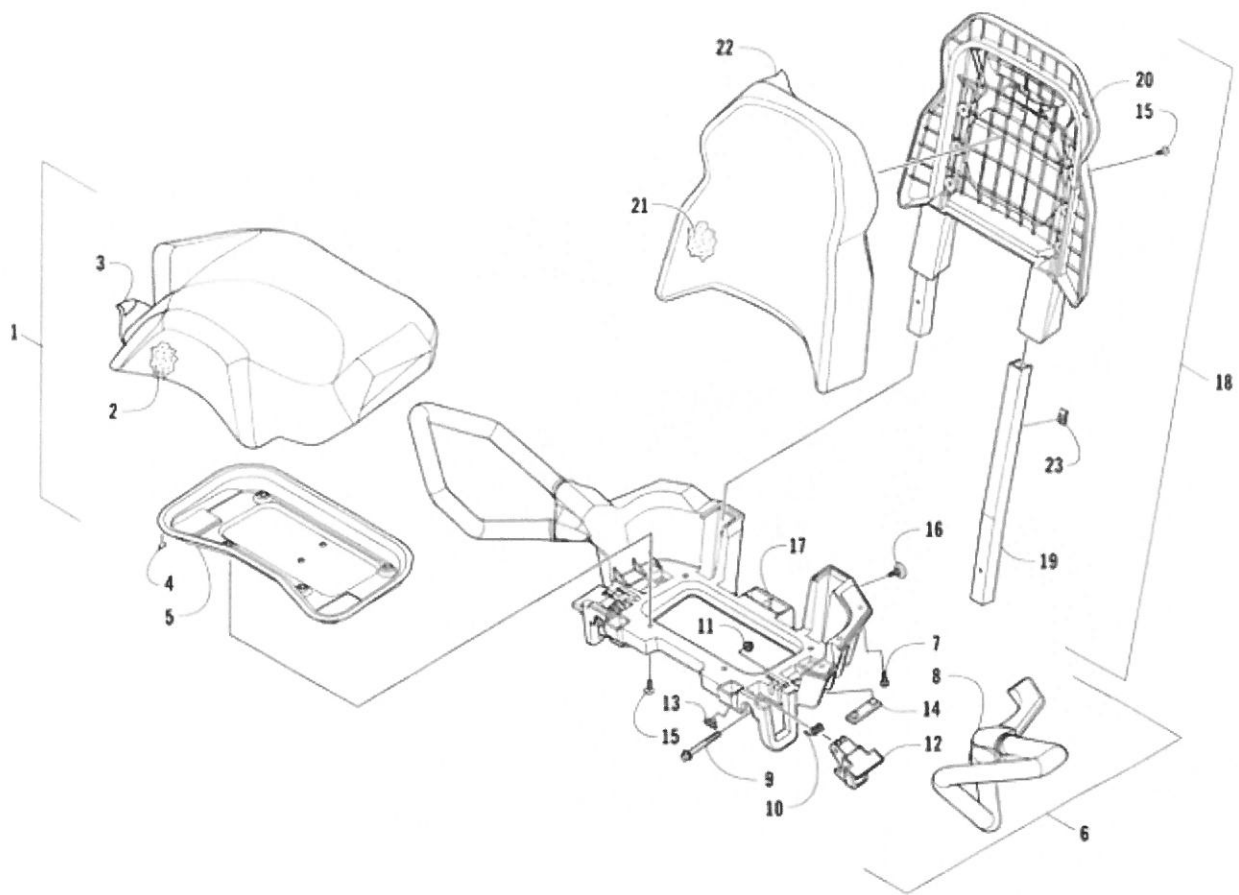
2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - OIL FILTER/PUMP ASSEMBLY [301655]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context	Note
1	0812-023	Pump, Oil	1		
2	0812-094	Gear, Driven	1		
3	0829-009	Pin	1		
4	0828-007	Washer	1		
5	0831-002	Ring, Retaining	1		
6	0826-039	Screw, Machine	3		
7	0812-057	Strainer, Oil	1		
8	0826-040	Screw, Machine	2		
9	0812-034	Filter, Oil	1		
10	0812-053	Cap, Oil Strainer	1		
11	8468-625	Screw, Machine	4		
12	0812-007	Valve, Oil-Relief	1		
13	0812-006	Plug, Drain	1		
14	0830-017	Gasket, Drain Plug	1		
15	0812-066	Union, Oil Filter	1		

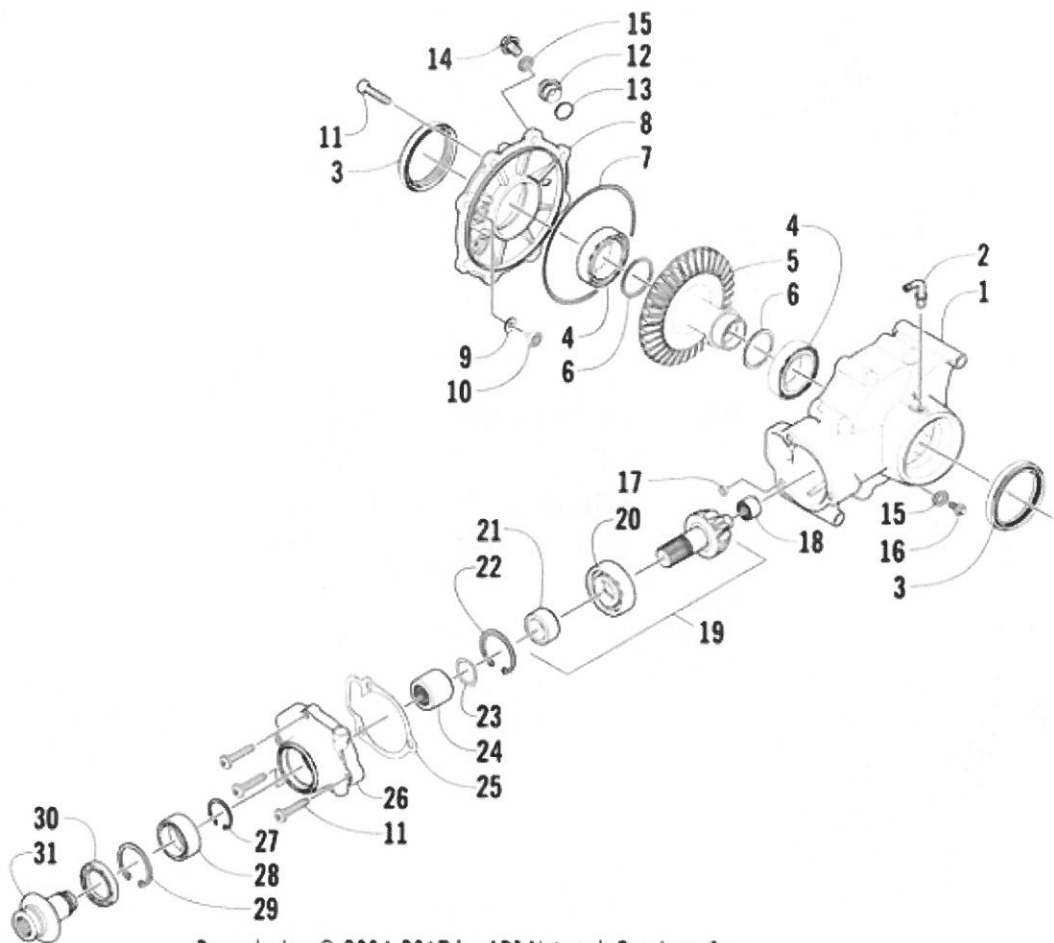
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - PASSENGER SEAT AND BACKREST ASSEMBLY [301636]



Page design © 2004-2017 by ARI Network Services, Inc.

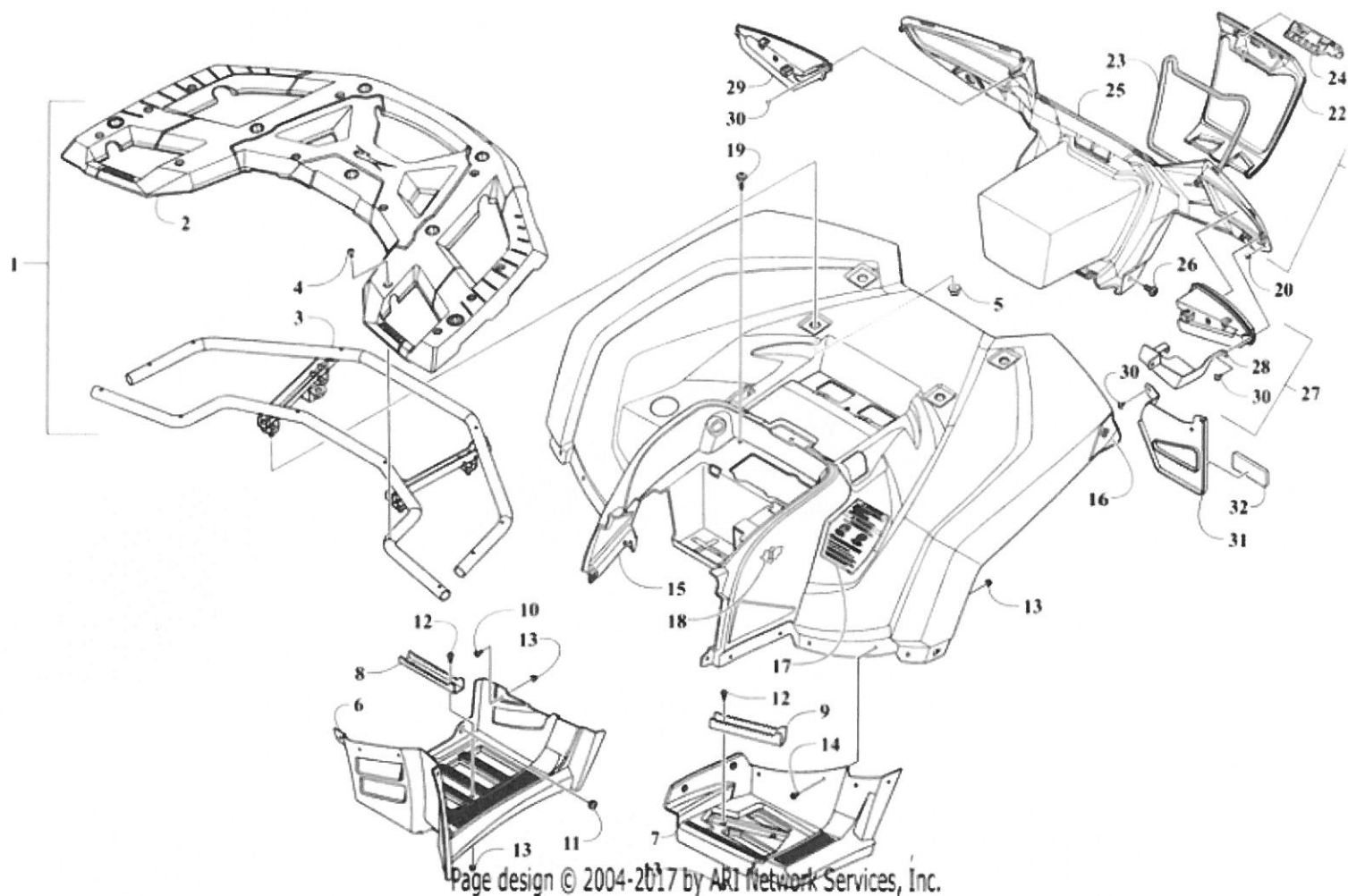
Ref #	Part #	Description	Qty	Context Note
0	0517-189	Seat, Passenger - Assembly	1	
1	0517-191	Seat, Passenger - Sub-Assembly	1	(inc. 2-5)
2	0517-174	Foam, Seat - Passenger	1	
3	0517-179	Cover, Seat - Passenger	1	
4	0624-263	Staple	AR	
5	0517-176	Base, Seat - Inner	1	
6	0517-188	Base, Seat - Passenger - Assembly	1	(inc. 7-14)
7	1423-038	Screw, Machine	6	
8	5406-260	Handhold, Passenger - Right	1	
8	5406-261	Handhold, Passenger - Left	1	
9	8408-870	Screw, Cap	2	
10	0417-030	Spring, Latch	2	
11	8424-802	Nut, Lock	2	
12	0417-031	Handle, Latch	2	
13	0406-877	Bumper	2	
14	0406-879	Bumper, Seat - Rear	2	
15	8477-616	Screw, Machine	10	
16	1423-060	Screw, Shoulder	4	
17	0517-178	Frame, Passenger Seat	1	
18	0517-190	Backrest Assembly	1	(inc. 19-23 and six No. 15)
19	0417-026	Tube, Seat Back	2	
20	0517-175	Pan, Seat Back	1	
21	0517-173	Foam, Backrest	1	
22	0517-180	Cover, Backrest	1	
23	0423-577	Clip, U-Nut	10	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - REAR DRIVE GEARCASE ASSEMBLY [302995]



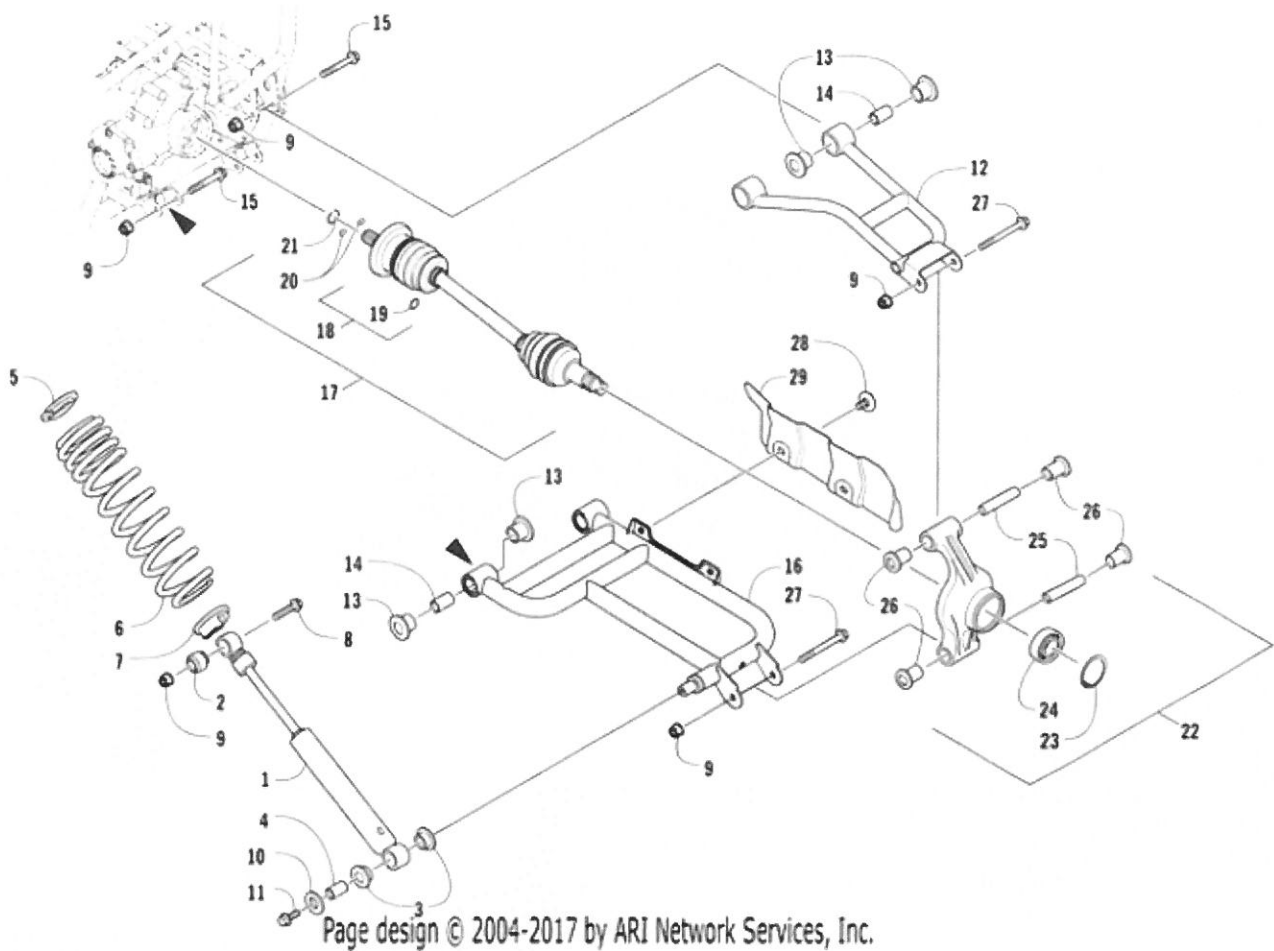
Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
0	2502-153	Gearcase, Rear	1	
1	1502-896	Housing, Gearcase	1	
2	2402-162	Fitting, Elbow	1	
3	2402-240	Seal	2	
4	0402-393	Bearing	2	
5	1402-033	Gear, Ring - 34T	1	
6	0402-405	Shim, 41 x 49 x 1.3 mm	AR	
6	0402-406	Shim, 41 x 49 x 1.4 mm	AR	
6	0402-407	Shim, 41 x 49 x 1.5 mm	AR	
6	0402-408	Shim, 41 x 49 x 1.6 mm	AR	
6	0402-409	Shim, 41 x 49 x 1.7 mm	AR	
7	0423-149	O-Ring	1	
8	1502-897	Cover, Gearcase	1	
9	0402-429	Shim, 6.3 x 18 x 1.3 mm	AR	
9	0402-430	Shim, 6.3 x 18 x 1.4 mm	AR	
9	0402-431	Shim, 6.3 x 18 x 1.5 mm	AR	
9	0402-432	Shim, 6.3 x 18 x 1.6 mm	AR	
9	0402-433	Shim, 6.3 x 18 x 1.7 mm	AR	
10	0402-326	Button, Thrust	1	
11	0423-118	Screw, Self-Tapping	11	
12	0402-333	Plug, Fill	1	(inc. 13)
13	0423-154	O-Ring	1	
14	1402-211	Plug, Oil Level	1	(inc. one No. 15)
15	0423-153	O-Ring	2	
16	1402-210	Plug, Magnetic	1	(inc. one No. 15)
17	0402-411	Pin, Dowel	1	
18	0402-328	Bearing	1	
19	1502-851	Gear, Pinion - Assembly - 11T	1	(inc. 20-21)
20	0402-327	Bearing	1	
21	1402-977	Collar, Retaining	1	
22	1423-067	Ring, Retaining	1	
23	0402-982	Washer, Wave	1	
24	0402-981	Collar, Shaft	1	
25	0402-947	Gasket, Flange	1	
26	0502-529	Housing, Pinion	1	
27	0423-417	Ring, Retaining	1	
28	1402-043	Bearing	1	
29	0423-423	Ring, Retaining	1	
30	1402-011	Seal	1	
31	2502-156	Shaft, Input	1	

2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - REAR RACK, BODY PANEL, FOOTWELL, AND
TAILLIGHT ASSEMBLIES [302703]

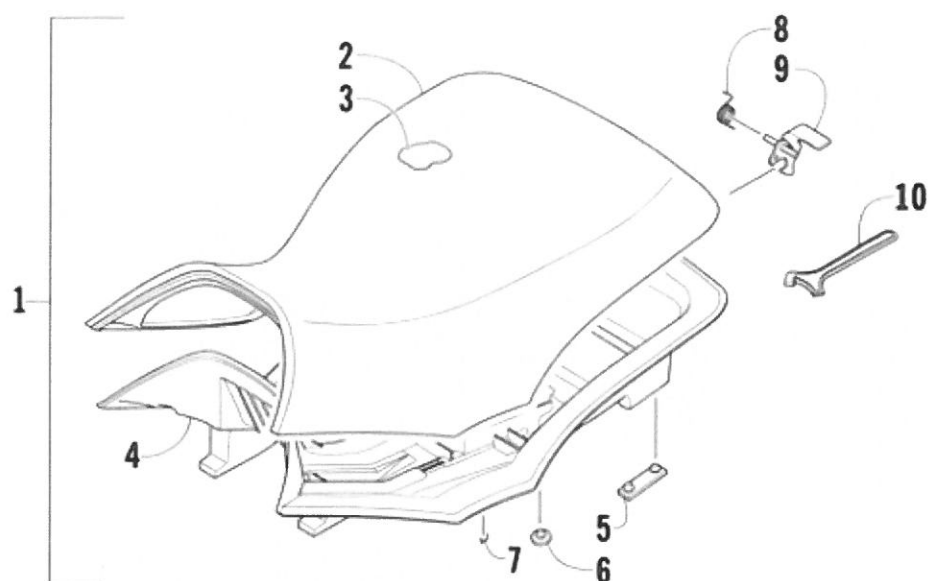
Ref #	Part #	Description	Qty	Context Note
1	7506-027	Rack, Rear - Assembly	1	(inc. 2-4)
2	5506-672	Rack, w/Overmold	1	
3	7506-025	Rear Rack	1	
4	1423-301	Screw, Machine	12	
5	8432-802	Nut, Lock	4	
6	1506-813	Footwell - Right	1	
6	8506-327	Footwell - Left	1	
7	2406-042	Footwell, Rear - Right	1	
7	2406-043	Footwell - Rear - Left	1	
8	5506-497	Footpeg	2	
9	7506-625	Footpeg, Rear	2	
10	8477-620	Screw, Machine	5	
11	0423-678	Grommet	2	
12	0423-355	Screw, Shoulder	8	
13	8427-603	Nut, Lock	34	
14	8477-616	Screw, Machine	22	
15	5406-360	Panel, Fender - Assembly - Black	1	
16	4411-816	Decal, Reflector - Right - Red	1	
16	4411-817	Decal, Reflector - Left	1	
17	6411-008	Decal, Warning - Tire Pressure	1	
18	1412-115	Foil, Protective	1	
19	0423-609	Screw, Machine	2	
20	1423-321	Clip, Retaining	10	
21	7506-499	Box, Rear Storage - Assembly	1	(inc. 23-26)
22	4406-583	Door, Box Storage Rear	1	
23	4406-839	Seal	1	
24	4406-316	Latch	1	
25	7506-465	Fascia, Rear	1	
26	1423-395	Screw, Machine	2	
27	0509-113	Taillight Assembly w/Shield - Left	1	(inc. 29)
28	0412-895	Shield, Taillight - Left	1	
29	0509-086	Taillight - Right	1	
30	1423-284	Screw, Self-Tapping	12	
31	7506-762	Bracket, Reflector - Rear - Right	1	
31	7506-763	Bracket, Reflector - Rear - Left	1	
32	4406-103	Reflector - Red	2	

2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - REAR SUSPENSION ASSEMBLY [301965]



Ref #	Part #	Description	Qty	Context Note
11	8408-820	Screw, Cap	2	
19	1441-988	Circlip	2	
21	1402-890	Circlip	2	
9	1423-335	Nut, Lock	14	
28	0423-545	Screw, Shoulder	4	
10	0423-087	Washer	2	
15	8409-075	Screw, Cap	8	
23	0423-423	Ring, Retaining	2	
8	8409-050	Screw, Cap	2	
20	1402-884	Pin, Detent	4	
27	8409-000	Screw, Cap	4	
13	0403-409	Bushing	16	
26	0403-283	Bushing	8	
14	0403-438	Axle	8	
4	1603-575	Sleeve	2	
5	1603-889	Retainer, Spring	2	
25	0403-437	Axle	4	
3	0603-955	Bushing	4	
2	0403-182	Bushing	2	
7	0404-496	Cam, Spring Adjuster	2	
24	1402-809	Bearing	2	
29	1406-068	Guard, Boot - Rear - Right - Black	1	
29	1406-069	Guard, Boot - Rear - Left - Black	1	
6	0504-638	Spring, Suspension - White	2	
18	2436-111	Repair Kit, Boot	2	(inc. 19)
12	0504-582	A-Arm, Rear - Upper Right - Black	1	(inc. 13-14)
12	0504-583	A-Arm, Rear - Upper Left - Black	1	(inc. 13-14)
1	0404-158	Shock Absorber	2	(inc. 2-4)
16	0504-572	A-Arm, Rear - Lower Right - Black	1	(inc. 13-14)
16	0504-573	A-Arm, Rear - Lower Left - Black	1	(inc. 13-14)
22	0504-548	Knuckle, Rear - Assembly	2	(inc. 23-26)
17	2502-353	Kit, Halfshaft	2	(inc. 18-21)

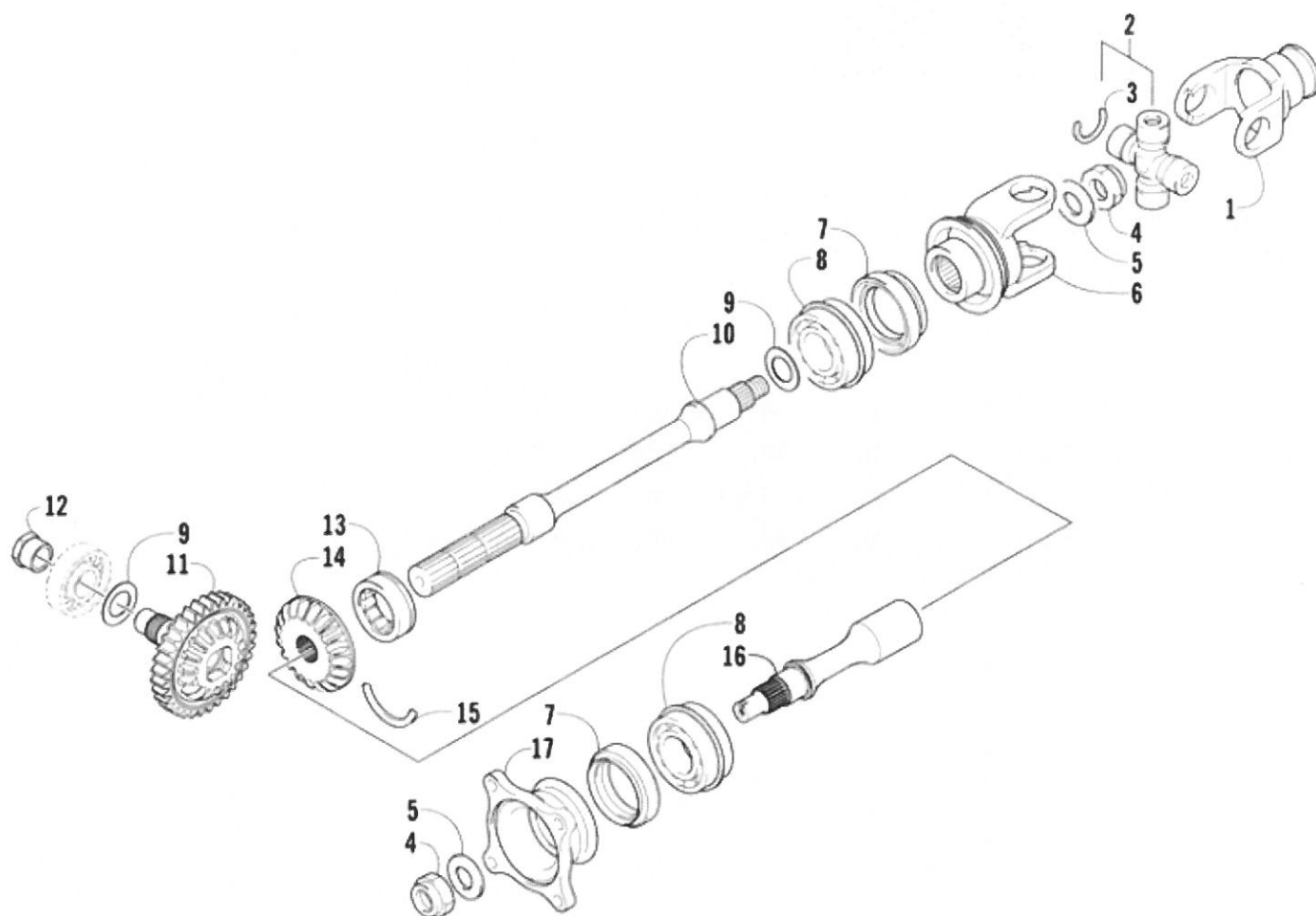
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - SEAT ASSEMBLY [301635]



Page design © 2004-2017 by ARI Network Services, Inc.

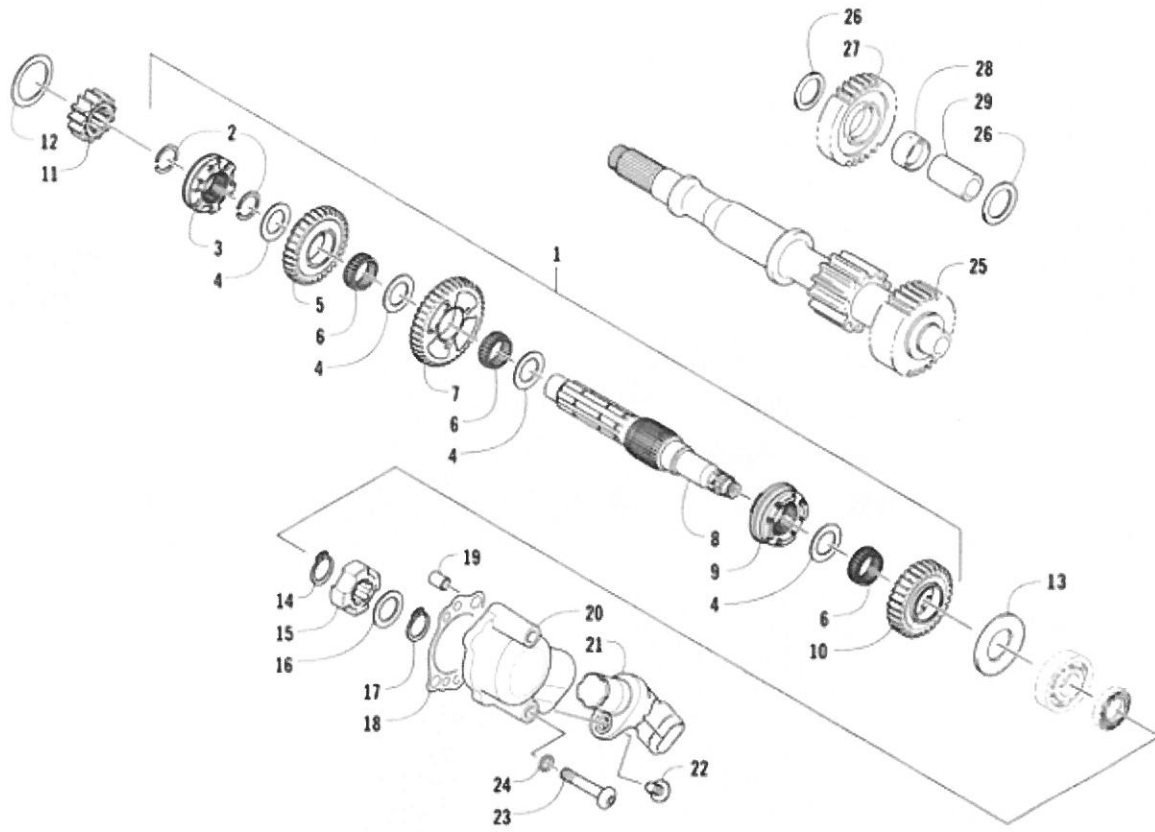
Ref #	Part #	Description	Qty	Context Note
1	4506-557	Seat Assembly	1	(inc. 2-9)
2	1506-209	Cover, Seat	1	
3	0517-119	Foam, Seat	1	
4	2416-826	Base, Seat	1	(inc. 5-6)
5	0406-879	Bumper, Seat - Rear	2	
6	0406-877	Bumper	4	
7	0624-263	Staple	AR	
8	1406-592	Spring, Latch	1	
9	1506-156	Latch, Seat	1	
10	0441-587	Wrench, Spanner	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - SECONDARY DRIVE ASSEMBLY [302157]



Page design © 2004-2017 by ARI Network Services, Inc.

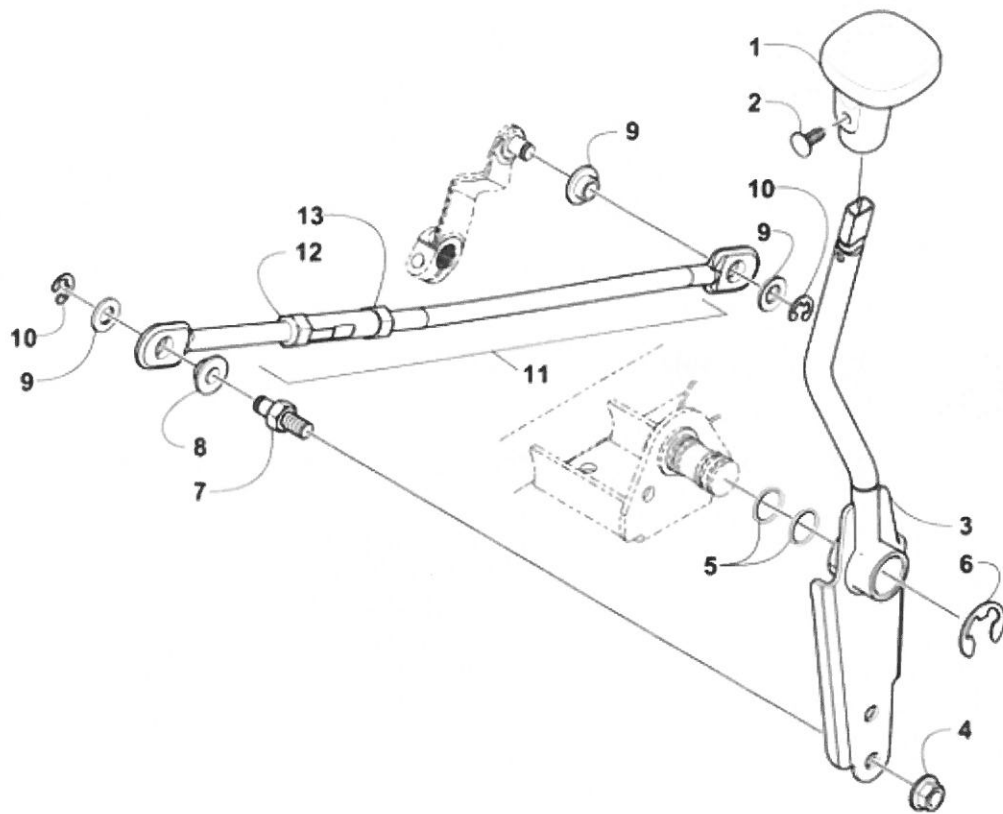
Ref #	Part #	Description	Qty	Context Note
11	0822-131	Gear, Secondary	1	
10	0819-115	Shaft, Secondary Driven - Front	1	
14	0822-106	Gear, Secondary Driven	1	
16	0819-053	Shaft, Secondary Driven - Rear	1	
6	0819-061	Yoke, Drive Output	1	
17	0819-005	Flange, Output Joint - Rear	1	
9	0828-023	Shim, 25 x 34 x 0.70 mm	AR	
1	0819-063	Yoke, Propeller Shaft Joint	1	
8	0832-107	Bearing	2	
13	0832-016	Bearing, Driven Gear	1	
2	1402-164	Joint, Universal - Set	1	(inc. 3)
9	0828-025	Shim, 25 x 34 x 0.95 mm	AR	
9	0828-027	Shim, 25 x 34 x 1.05 mm	AR	
9	0828-029	Shim, 25 x 34 x 1.15 mm	AR	
9	0828-024	Shim, 25 x 34 x 0.90 mm	AR	
9	0828-026	Shim, 25 x 34 x 1.00 mm	AR	
15	0819-011	Ring, Driven Bearing	1	
5	0828-020	Washer	2	
7	0830-043	Seal, Oil	2	
4	0827-013	Nut	2	
9	0828-028	Shim, 25 x 34 x 1.10 mm	AR	
12	0827-052	Nut	1	
9	0828-021	Shim, 25 x 34 x 0.25 mm	AR	
9	0828-022	Shim, 25 x 34 x 0.30 mm	AR	
3	0423-450	Ring, Retaining	4	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - SECONDARY TRANSMISSION ASSEMBLY
[300083]

Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0822-144	Countershaft Assembly	1	(inc. 2-10)
2	0831-085	Ring, Retaining	2	
3	0822-120	Gear Select, Reverse	1	
4	0822-121	Shim	4	
5	0822-119	Gear, Reverse Driven	1	
6	0832-082	Bearing	3	
7	0822-114	Gear, Driven - Low	1	
8	0822-113	Countershaft	1	
9	0822-145	Gear Select, Sliding	1	
10	0822-148	Gear, Driven - High	1	
11	0822-125	Gear, Drive	1	
12	0828-019	Washer, Thrust	1	
13	0828-011	Washer	1	
14	0831-040	Ring, Retaining	1	
15	0822-050	Trigger, Speedometer Sensor	1	
16	0828-069	Washer, Thrust	1	
17	0831-039	Ring, Retaining	1	
18	0830-129	Gasket	1	
19	0829-023	Pin, Dowel	2	
20	0822-049	Housing, Speedometer Sensor	1	
21	0430-121	Sensor, Speedometer	1	
22	8468-620	Screw, Machine	1	
23	8468-645	Screw, Machine	2	
24	0830-107	Gasket	2	
25	0822-001	Driveshaft	1	
26	0828-016	Washer, Thrust	2	
27	0822-011	Gear, Reverse Idle	1	
28	0822-012	Bushing	1	
29	0822-015	Shaft, Reverse Idle	1	

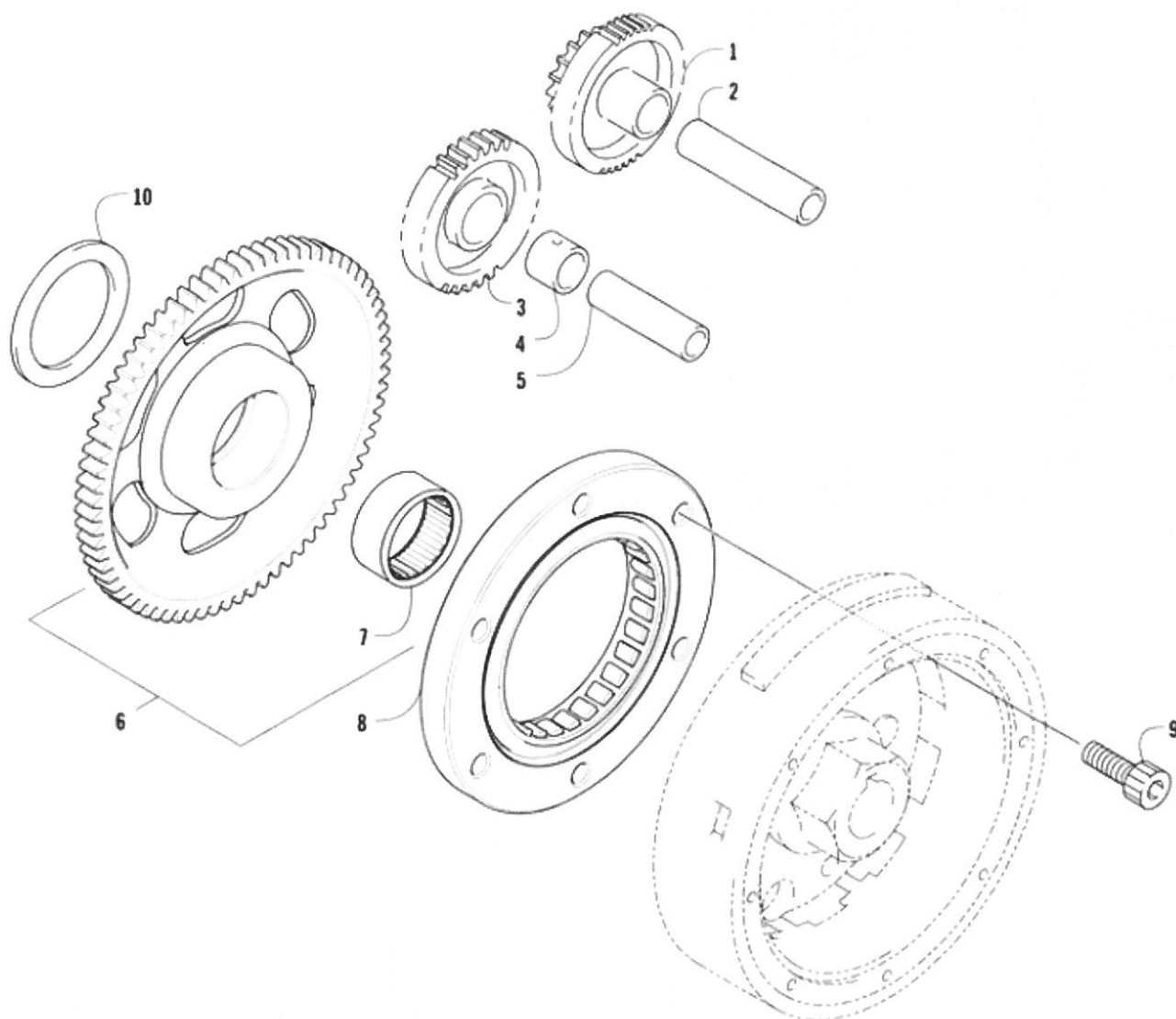
2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - SHIFT LEVER ASSEMBLY [301645]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0402-843	Knob, Shift	1	
2	0423-345	Clip, Push	1	
3	2502-335	Lever, Shift	1	
4	8424-602	Nut	1	
5	0423-299	O-Ring - 016 (5/8 x 3/4 x 1/16)	2	
6	1423-366	E-Ring	1	
7	1402-621	Pin, Mounting	1	
8	0423-091	Bushing	2	
9	0623-094	Washer	2	
10	0423-169	E-Ring	2	
11	2502-336	Linkage, Shift - Assembly	1	(inc. 12-13)
12	0123-917	Nut, Hex - Left-Hand Thread	1	
13	0623-294	Nut, Hex - Right	1	

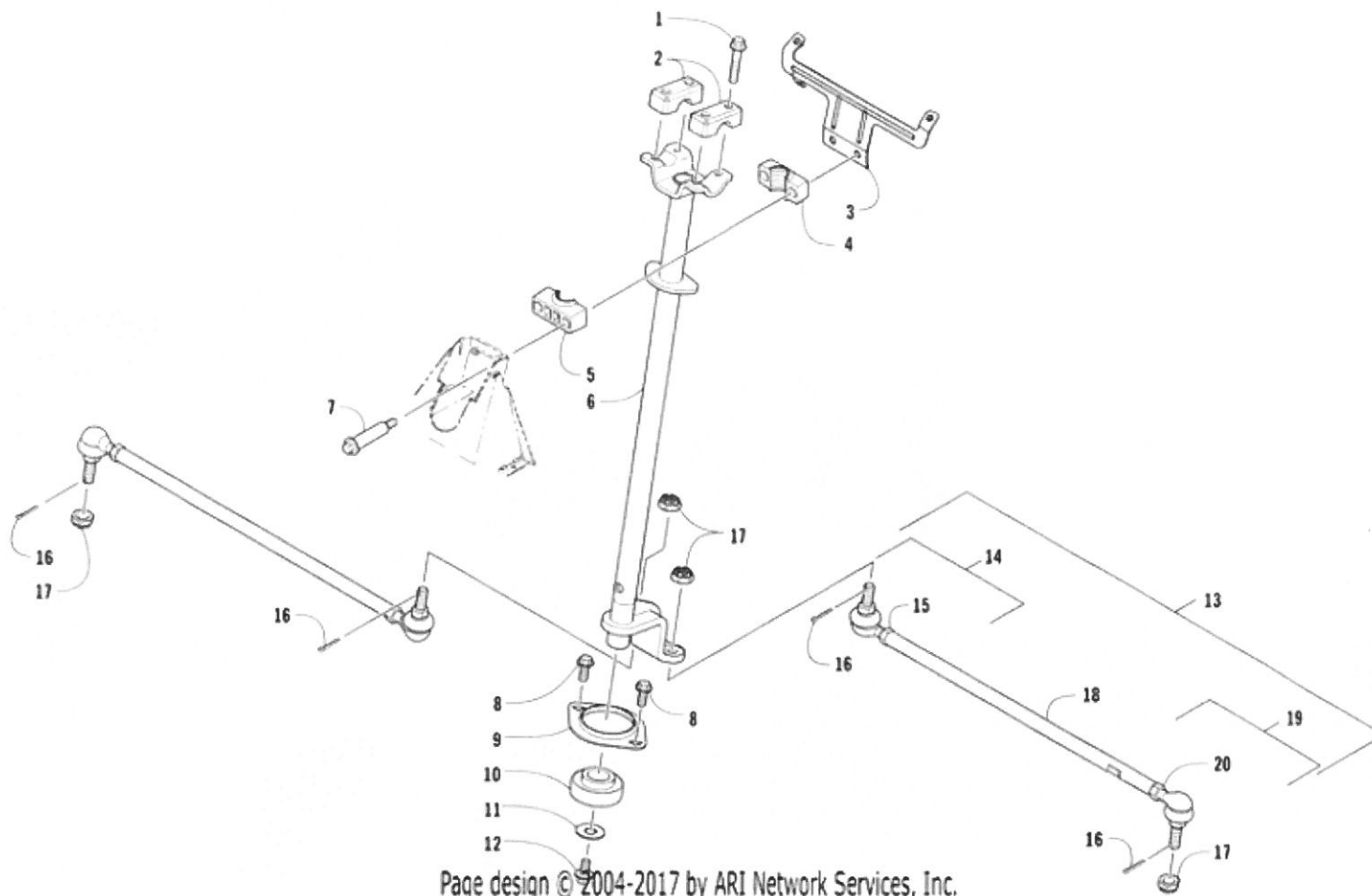
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - STARTER CLUTCH ASSEMBLY [300126]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0815-033	Gear, Starter - Idler - 44T/14T SC	1	2008 & 2009 Thundercats see "Comments"
2	0829-031	Shaft, Starter Gear	1	
3	0815-002	Gear, Starter Idler - No. 2	1	
4	0815-003	Spacer, Starter Idler Gear - No. 2	1	
5	0829-032	Shaft, Starter Gear	1	
6	0815-004	Gear, Starter Clutch	1	(inc. 7)
7	0832-079	Bearing	1	
8	0802-035	Clutch, Starter	1	
9	0826-069	Screw, Cap	6	
10	0828-094	Washer	1	

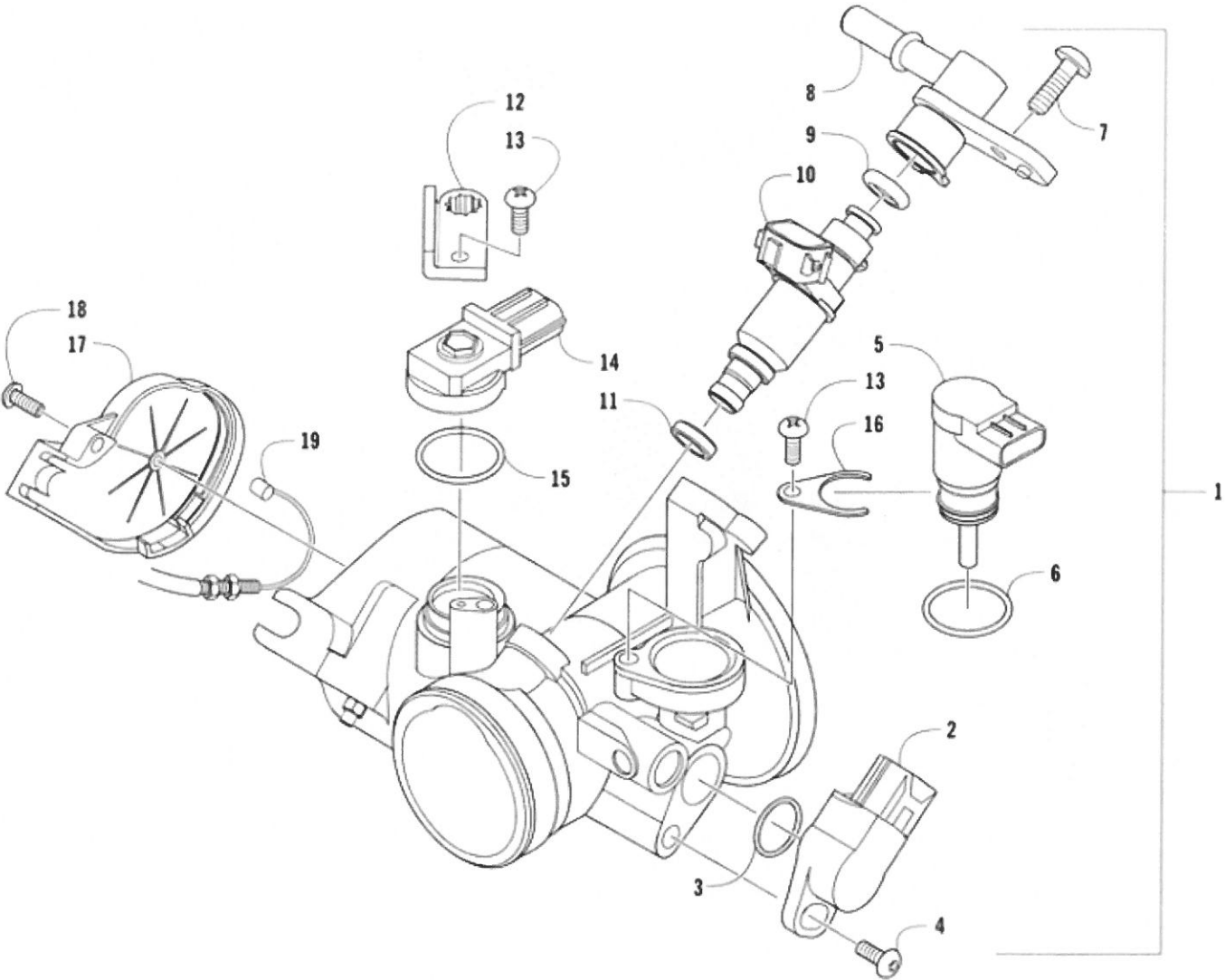
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - STEERING ASSEMBLY [301798]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	8408-835	Screw, Cap	4	
2	0405-035	Cap, Steering Adjuster	2	
3	7506-419	Bracket, Console	1	
4	0405-260	Block, Mounting	1	
5	0405-259	Block, Mounting	1	
6	0505-493	Post, Steering	1	
7	0423-505	Screw, Shoulder	2	
8	8408-816	Screw, Cap	2	
9	0602-233	Flange, Bearing	1	
10	0405-052	Bearing w/Inverted Oil Seal	1	
11	0423-073	Washer	1	
12	8409-020	Screw, Cap	1	
13	0505-872	Tie Rod - Assembly	2	(inc. 15, 18, 20 and both Tie Rod Ends)
14	0505-875	End, Tie Rod - Left-Hand Thread - Kit	2	(inc. 15-17)
15	0423-013	Nut - Left-Hand Thread	2	
16	0623-175	Pin, Cotter	4	
17	0423-157	Nut	4	
18	0405-281	Tie Rod	2	
19	0505-874	End, Tie Rod - Right-Hand Thread - Kit	2	(inc. one No. 16-17 and 20)
20	8420-002	Nut - Right-Hand Thread	2	

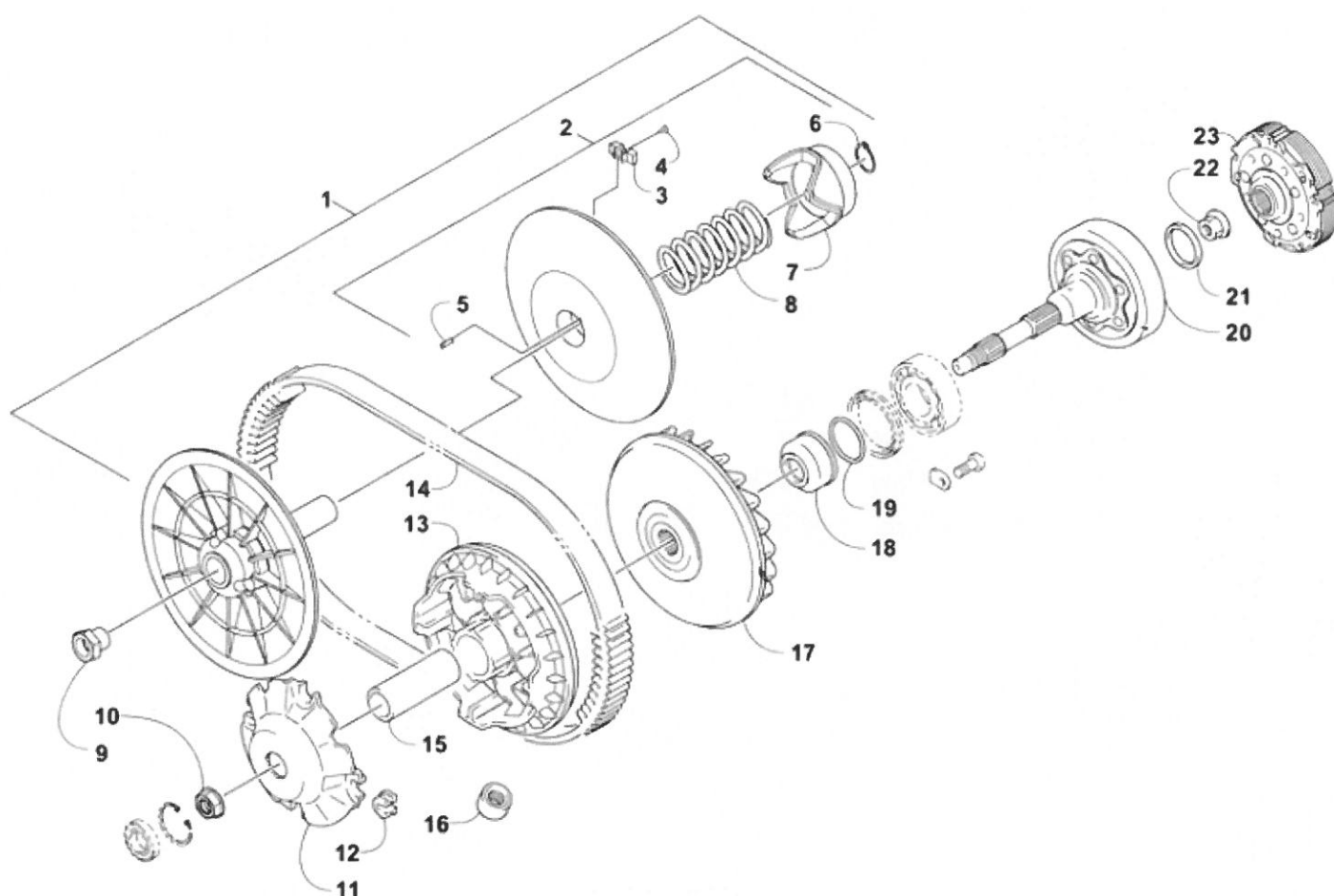
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - THROTTLE BODY ASSEMBLY [302229]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0470-753	Throttle - Assembly	1	(inc. 2-18)
2	0430-072	Sensor, Throttle Position	1	
3	5507-234	O-Ring, Throttle Position Sensor	1	
4	5507-231	Screw, Machine	1	
5	0430-074	Valve, ISC	1	
6	5507-233	O-Ring, ISC Valve	1	
7	5507-238	Screw, Machine	1	
8	0470-687	Rail, Fuel	1	
9	0470-767	O-Ring, Fuel Injector	1	
10	0470-762	Injector, Fuel	1	
11	0470-768	Ring, Seal - Fuel Injector	1	
12	5507-227	Bracket, MAP Sensor	1	
13	5507-117	Screw	2	
14	0430-073	Sensor, MAP	1	
15	5507-232	O-Ring, Map Sensor	1	
16	5507-229	Plate, ISC Valve	1	
17	5507-223	Cover	1	
18	5507-037	Screw	1	
19	0487-057	Cable, Throttle	1	

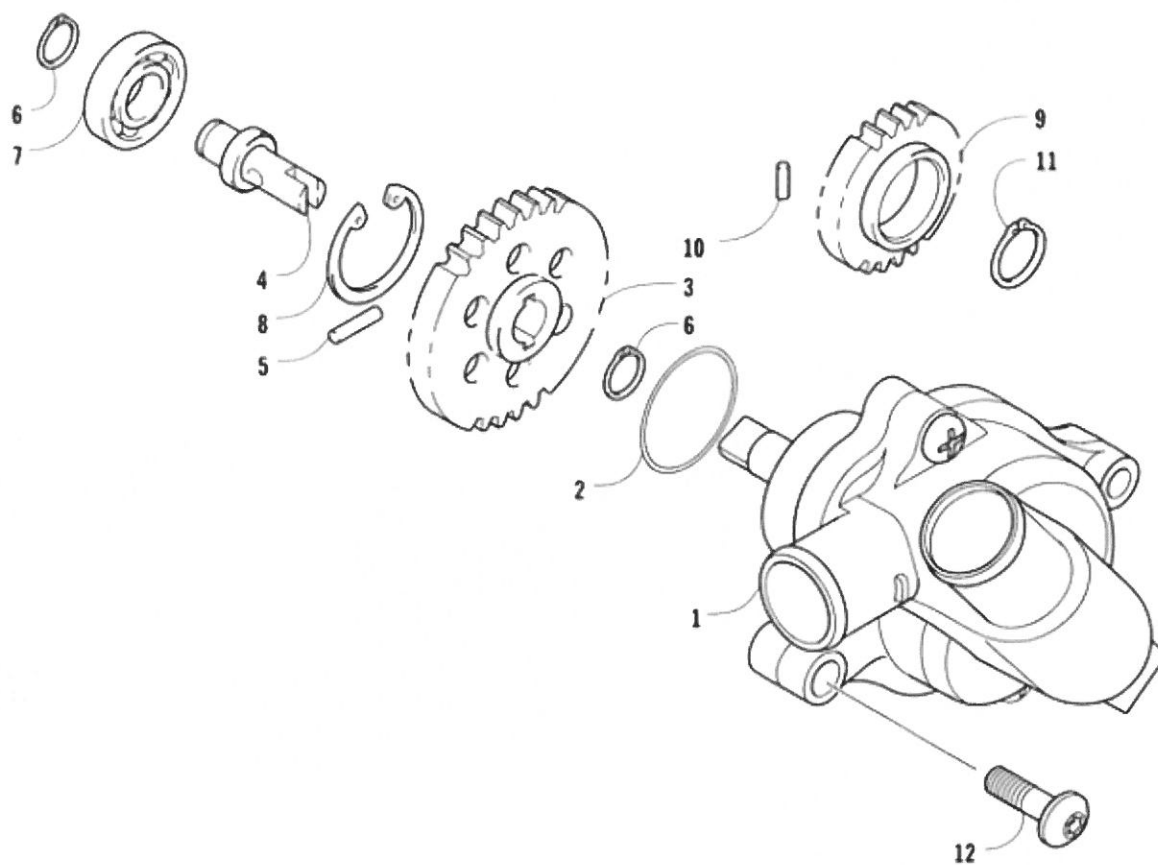
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - TRANSMISSION ASSEMBLY [301987]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
19	0470-531	O-Ring	1	
4	0823-177	Screw, Machine	3	
5	0823-383	Key	1	
12	0823-277	Damper, Movable Drive Face	4	
16	0823-167	Roller, Movable Drive (Blue)	8	
22	0827-011	Nut	1	
6	0823-455	Ring, Snap - External	1	
3	0823-454	Shoe, Cam	3	
10	0827-073	Nut	1	
21	0830-189	Seal	1	
9	0823-457	Nut, Driven Pulley	1	
11	0823-276	Plate, Movable Drive Face	1	
15	0823-271	Spacer	1	
8	0823-377	Spring - Black	1	
17	0823-272	Face, Fixed Drive	1	
18	0823-015	Spacer, Fixed Drive Face	1	
7	0823-453	Cam	1	
13	0823-273	Face, Movable Drive	1	
20	0823-556	Housing, Clutch - Assembly	1	
14	0823-013	Belt, Drive	1	
23	0823-484	Clutch, Centrifugal - 6 Plate	1	
2	0823-554	Pulley, Driven - Uncalibrated	1	(inc. 3-6)
1	0823-535	Pulley, Driven - Assembly	1	(inc. 2-9)

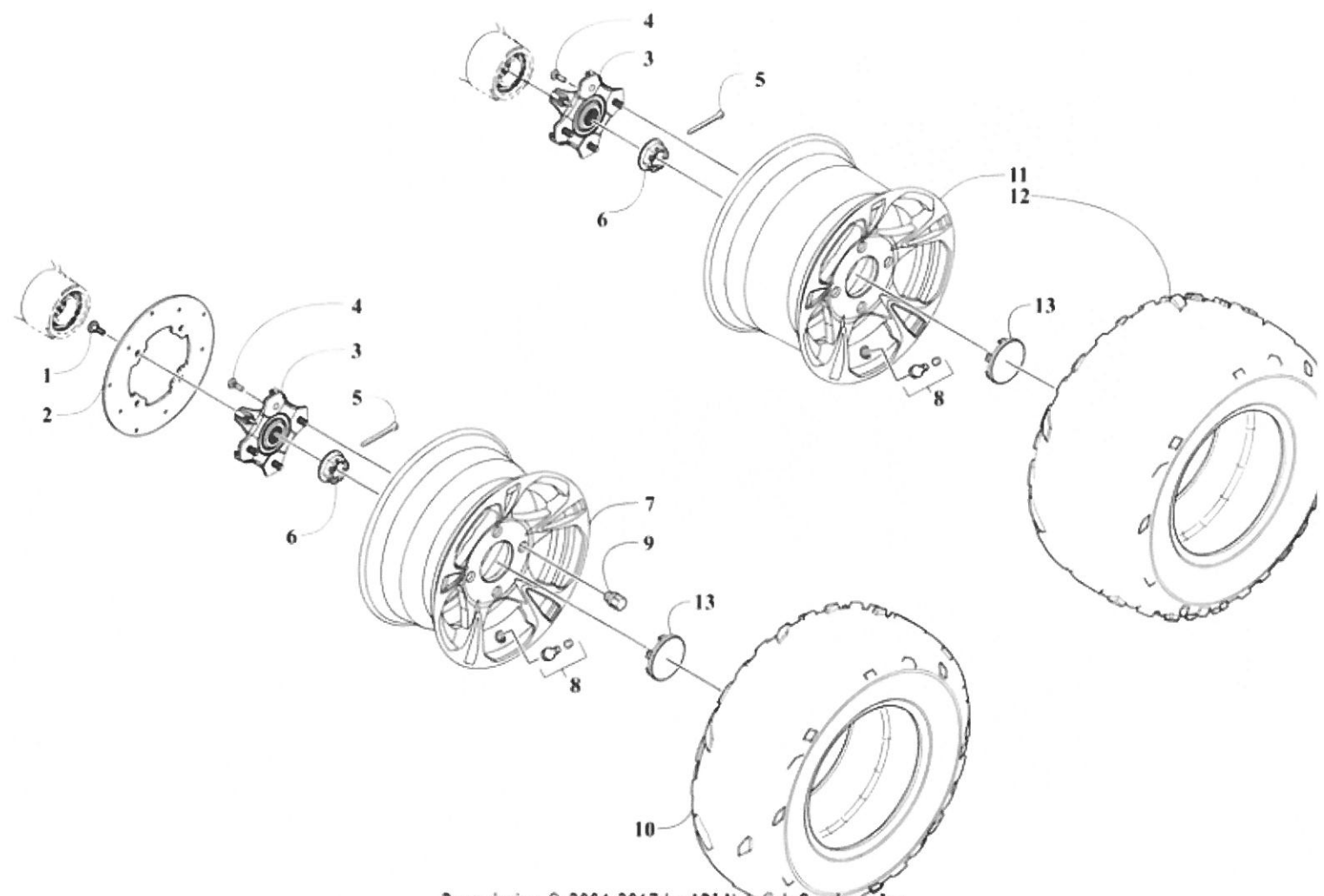
2019 ALTEIRA TRV 700 T3 BLACK [A2019THT4E3TP] - WATER PUMP ASSEMBLY [301656]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
6	0831-002	Ring, Retaining	2	
11	0831-005	Ring, Retaining	1	
8	0831-004	Ring, Retaining	1	
2	0830-029	O-Ring	1	
12	8468-665	Screw, Machine	2	
5	0829-009	Pin	1	
10	0829-007	Pin, Dowel	1	
7	0832-046	Bearing	1	
9	0811-038	Gear, Oil Pump Drive	1	
4	0813-005	Shaft, Driven Gear	1	
3	0813-094	Gear, Driven	1	
1	0813-001	Pump, Water - Assembly	1	(inc. 2)

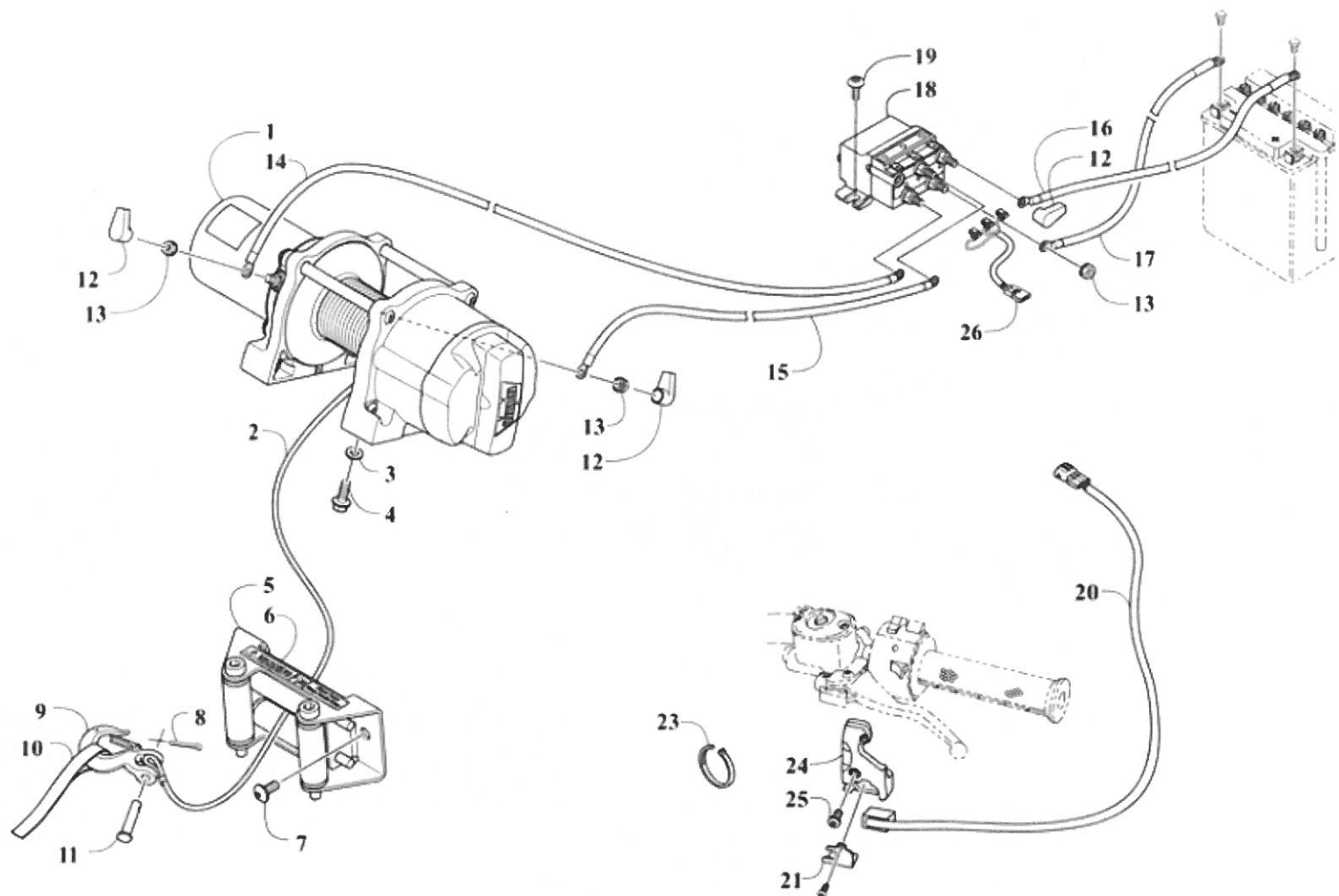
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - WHEEL AND TIRE ASSEMBLY [302994]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0423-557	Screw, Shoulder	16	
2	1436-808	Kit, Brake Disc	4	
3	1502-462	Hub, Wheel (W Disc Pearch)	4	(inc. 4)
4	0402-974	Stud	16	
5	0423-407	Pin, Cotter	4	
6	0423-607	Nut, Castle	4	
7	2402-195	Wheel - Front - Aluminum - Black	2	
8	0402-064	Stem, Valve - w/Cap	4	
9	1423-411	Nut, Lug - Black	16	
10	2402-250	Tire - Front - Duro Kaden - 25X8-12 (3 Star)	2	
11	2402-196	Wheel - Rear - Aluminum - Black	2	
12	2402-251	Tire - Rear - Duro Kaden - 25X10-12	2	
13	2402-197	Cap, Wheel	4	

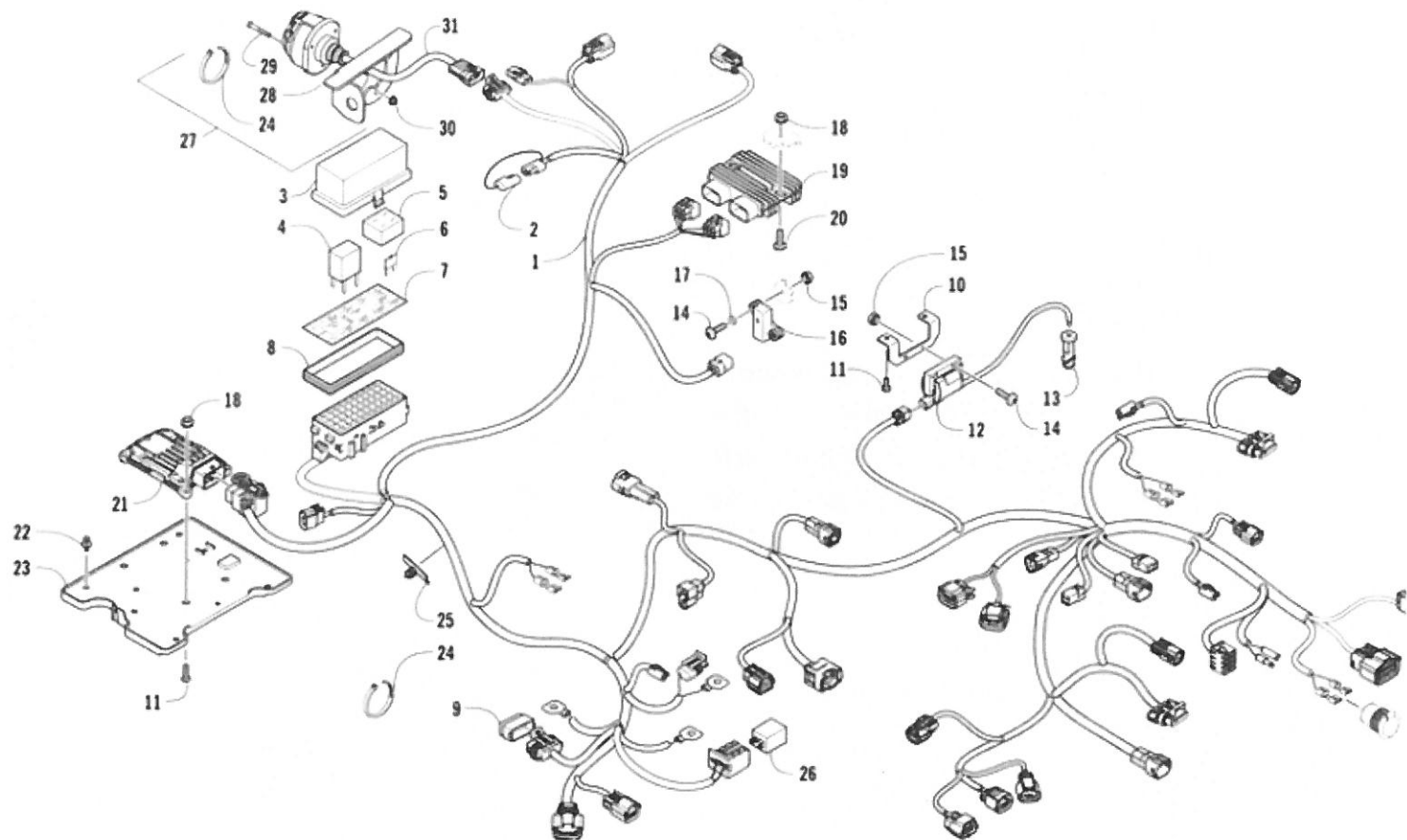
2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - WINCH ASSEMBLY [302998]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0409-166	Winch	1	(inc. 2)
2	0441-061	CABLE, WIRE ROPE - 15236	1	
3	8051-246	Washer, Lock	4	
4	8408-820	Screw, Cap	4	
5	0441-403	FAIRLEAD,ROLLER-1600 (B)	1	(inc. 6)
6	0411-474	Decal, Warning - Pinch Point	1	
7	8468-820	Screw, Machine	2	
8	0623-175	Pin, Cotter	1	
9	1441-833	Hook, Winch	1	
10	3441-150	Strap	1	
11	1441-834	Pin	1	
12	0645-019	Boot, Terminal	3	
13	0623-038	Nut w/Washer	8	
14	0445-112	Cable, Winch/Solenoid - Yellow	1	
15	0445-113	Cable, Winch/Solenoid - Blue	1	
16	0445-062	Cable, Battery/Solenoid	1	
17	0445-122	Cable, Solenoid/Battery - Black	1	
18	0409-236	Solenoid	1	
19	8476-616	Screw, Machine	2	
20	0409-191	Switch, Control	1	
21	5506-053	Cover, Control Switch	1	
22	0423-382	Screw, Self-Tapping	1	
23	0123-788	Tie, Cable - 8 in.	1	
23	0123-903	Tie, Cable - 11.5 in.	AR	
24	0409-193	Switch, Retainer Control	1	
25	8471-540	Screw, Machine	2	
26	0486-704	Harness, Adapter - Winch Solenoid	1	

2019 ALTERRA TRV 700 T3 BLACK [A2019THT4E3TP] - WIRING HARNESS ASSEMBLY [302996]



Page design © 2004-2017 by ARI Network Services, Inc.

Ref #	Part #	Description	Qty	Context Note
1	0486-618	Harness, Main	1	(inc. 2-9)
2	0486-164	Tether, Accessory Connector	1	
3	0430-085	Cover, Fuse Block	1	
4	0430-045	Relay (4-pin) 20 Amp	5	
5	0430-037	Holder, Fuse	1	
6	0430-032	Fuse - 10 Amp	5	
6	0430-031	Fuse - 15 Amp	6	
6	0430-030	Fuse - 30 Amp	3	
7	5411-520	Decal, Fuse Block	1	
8	0430-086	Seal	1	
9	0430-103	Cover, Diagnostics Connector	1	
10	4406-029	Bracket, Mounting - Coil	1	
11	8476-620	Screw, Machine	2	
12	0824-071	Coil, Ignition - Assembly	1	(inc. 13)
13	0824-049	Cap, Spark Plug	1	
14	8468-425	Screw, Machine	4	
15	0423-493	Nut w/Washer	4	
16	0409-064	Sensor, Tilt	1	
17	0123-802	Washer	2	
18	0623-038	Nut w/Washer	6	
19	0824-078	Regulator, Voltage	1	
20	8476-625	Screw, Cap	2	
21	0530-238	ECM (PLEASE INCLUDE VIN WHEN ORDERING)	1	
22	0623-362	Rivet, Reinstallable	3	
23	4506-987	Tray, Electrical	1	
24	0123-788	Tie, Cable - 8 in.	AR	
24	0123-903	Tie, Cable - 11.5 in.	AR	
25	0430-102	Clip, Routing	AR	
26	0430-146	Flasher, Turn Signal	1	
27	0486-630	Harness, Trailer - Assembly	1	
28	8506-341	Bracket, 7-Pin Connector	1	
29	8468-535	Screw, Machine	3	
30	8427-502	Nut, Lock	3	
31	0486-629	Harness, 7-Pin - Trailer	1	