

ARCTIC[®] CAT

Illustrated Parts Manual

T660™ Turbo

Model Number S2005ACFTBUSB



2005

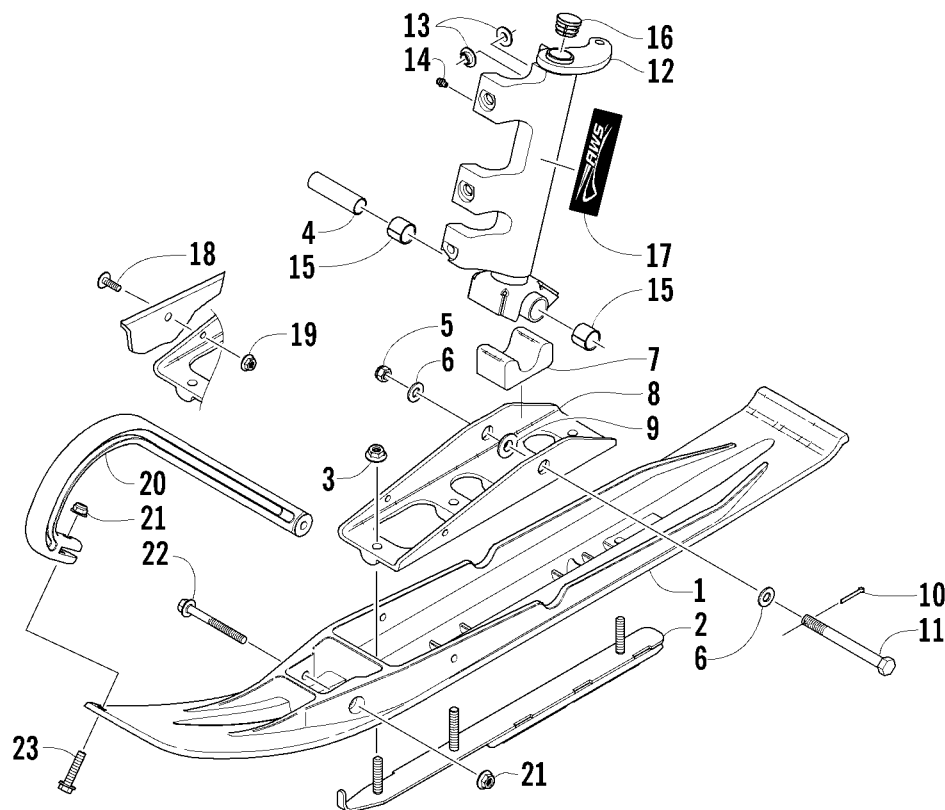
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2005 T660 Turbo

(Model No. S2005ACFTBUSB)

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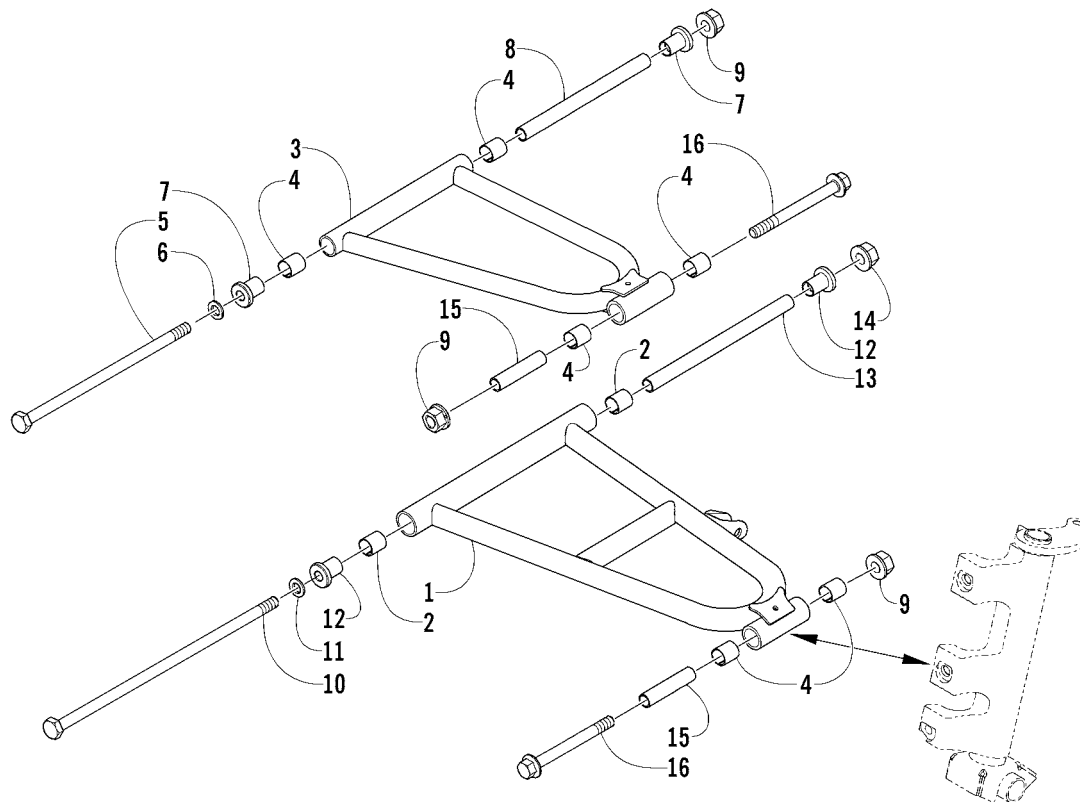
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2005 model year.



SKI AND SPINDLE ASSEMBLY

0741-109

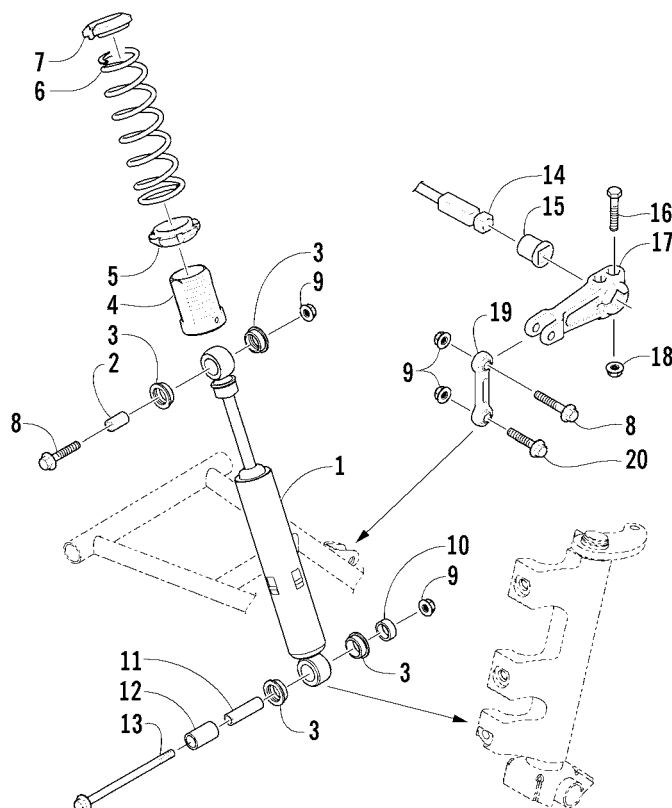
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1703-109	2	Ski, Plastic - Black	13	0603-647	8	● Insert, Spindle
2	1703-478	1	Wearbar - Right	14	0623-010	2	● Fitting, Grease
	1703-479	1	Wearbar - Left	15	0603-158	4	● Bearing
3	8047-486	6	Nut, Lock	16	0623-831	2	Cap, Spindle
4	0603-034	2	Axle, Spindle	17	<u>6611-192</u>	1	Decal, "AWS" - Spindle - Right
5	0123-296	2	Nut, Lock		<u>6611-193</u>	1	Decal, "AWS" - Spindle - Left
6	0623-728	4	Washer	18	8017-581	4	Screw, Machine
7	0603-036	2	Damper, Ski	19	8048-366	4	Nut, Lock
8	1703-503	2	Saddle, Ski - Black (inc. 9)	20	0603-624	2	Handle, Plastic - Black
9	0603-621	4	● Insert, Ski Saddle	21	8048-426	4	Nut, Lock
10	0123-458	2	Pin, Cotter	22	8020-143	2	Screw, Cap
11	0623-552	2	Screw, Cap	23	8020-135	2	Screw, Cap
12	0703-648	1	Spindle, Steering - Right - Black (inc. 13-15)				
	0703-649	1	Spindle, Steering - Left - Black (inc. 13-15)				



A-ARM ASSEMBLY

0738-350

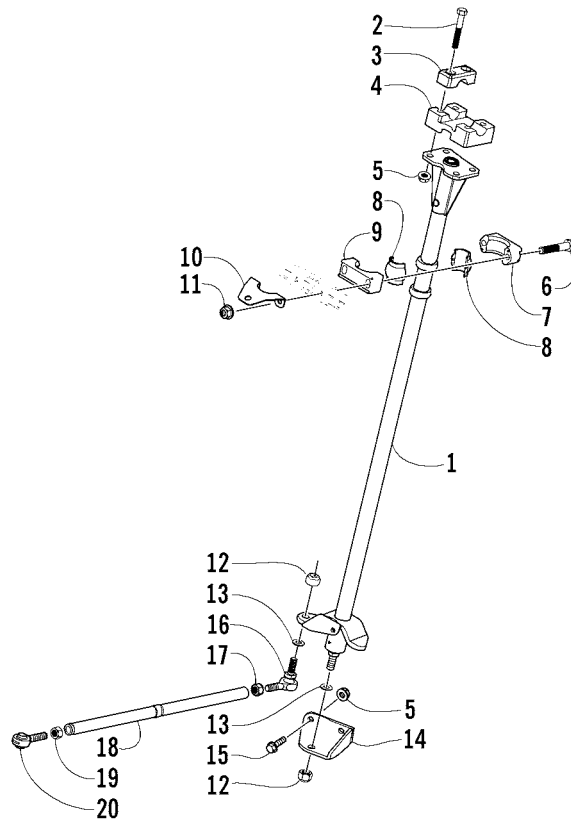
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0703-532	1	Arm, Lower - Right - Black (inc. 2 and 4)	9	8048-486	6	Nut, Lock
	0703-533	1	Arm, Lower - Left - Black (inc. 2 and 4)	10	0623-508	2	Screw, Cap
2	0603-158	4	● Bearing	11	0623-663	2	Washer
3	0703-535	2	Arm, Upper - Black (inc. 4)	12	1603-397	4	Axle, Non-Serrated
4	0603-083	12	● Bearing	13	0603-693	2	Tube, Axle
5	0623-509	2	Screw, Cap	14	8048-546	2	Nut, Lock
6	0623-664	2	Washer	15	0603-830	4	Axle, Spindle Mount
7	1603-244	4	Axle, Powder Metal	16	8026-234	4	Screw, Cap
8	0603-692	2	Tube, Axle				



SHOCK ABSORBER AND SWAY BAR ASSEMBLY

0738-684

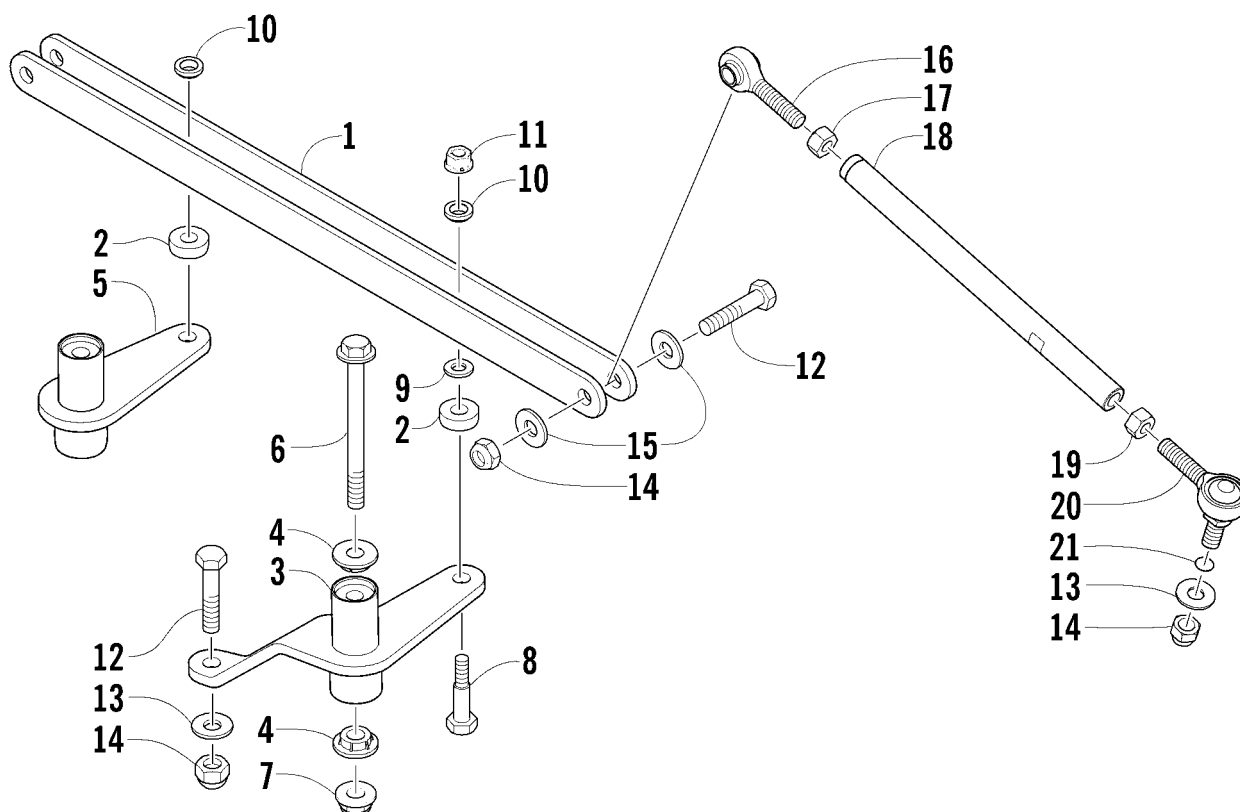
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1603-175	2	Shock, Front Suspension (inc. 2-3)	11	1604-184	2	Axle, Lower Shock Mount
2	0604-309	2	● Sleeve, Shock	12	0603-854	2	Spacer, Shock Mount - Front
3	0604-310	8	● Bushing, Shock	13	8020-234	2	Screw, Cap
4	0603-147	2	Sleeve, Threaded	14	0703-202	1	Sway Bar
5	0603-259	2	Nut, Retainer - Spring	15	0603-151	2	Bearing, Sway Bar
6	<u>1703-755</u>	2	Spring, Compression - Red	16	8002-137	4	Screw, Cap
7	1603-889	2	Retainer, Spring	17	0603-917	2	Arm, Sway Bar
8	8020-226	4	Screw, Cap	18	8048-426	4	Nut, Lock
9	8048-486	8	Nut, Lock	19	1603-414	2	Link, Sway Bar
10	0603-855	2	Spacer, Shock Mount - Rear	20	8020-225	2	Screw, Cap



STEERING POST ASSEMBLY

0739-867

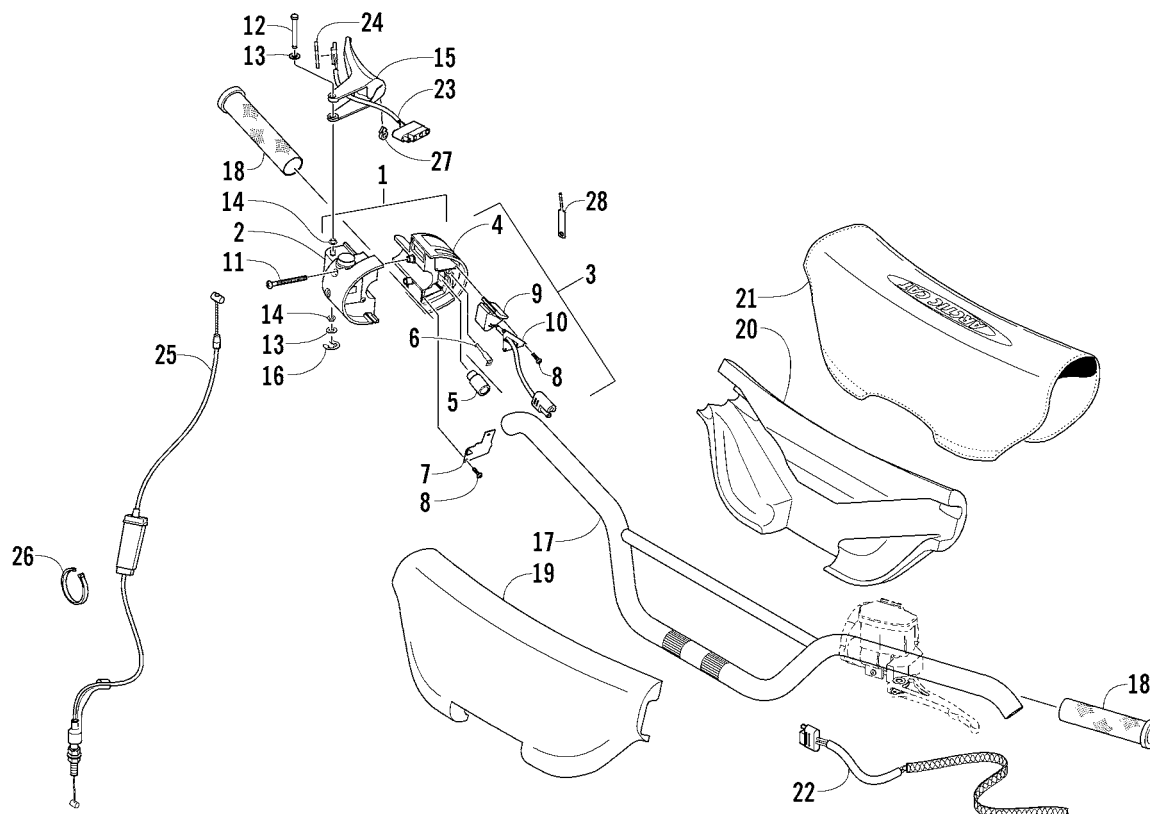
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0705-852	1	Post, Steering	11	8048-366	2	Nut, Lock
2	8002-137	4	Screw, Cap	12	0623-025	2	Nut, Lock
3	0605-506	2	Cap, Adjusting Block	13	0623-044	2	Washer
4	0605-507	1	Block, Adjusting	14	0705-427	1	Plate, Backing
5	8048-426	6	Nut, Lock	15	8020-130	2	Screw, Cap
6	0623-814	2	Screw, Cap	16	0605-423	1	Ball Joint, Steering - Left
7	0605-406	1	Cap, Bearing Housing	17	0123-917	1	Nut, Hex - Left
8	0405-020	2	Bearing, Half	18	0605-626	1	Tube, Tie Rod
9	0605-147	1	Housing, Bearing	19	0623-294	1	Nut, Hex - Right
10	0645-464	1	Bracket, Mounting - Hood Switch	20	0605-504	1	Ball Joint, Tie Rod - Right



TIE ROD ASSEMBLY

0738-755

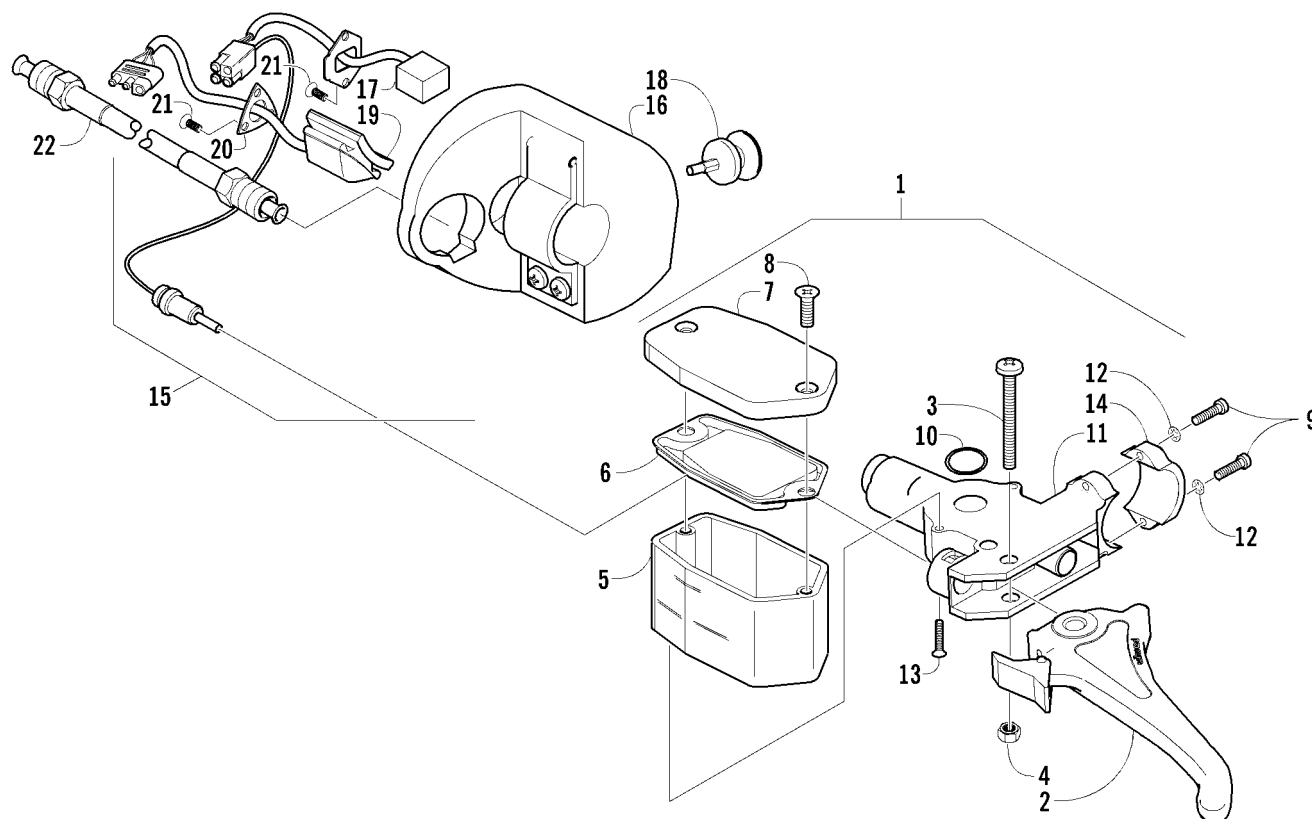
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0705-370	1	Drag Link (inc. 2)	12	8004-226	3	Screw, Cap
2	0605-541	2	● Bearing	13	0623-044	3	Washer
3	<u>1705-080</u>	1	Arm, Steering - Assembly	14	0623-025	5	Nut, Lock
4	0605-540	4	Insert	15	8050-277	4	Washer
5	<u>1705-060</u>	1	Arm, Steering - Idler - Assembly	16	0605-504	2	Ball Joint, Tie Rod - Right
6	8020-234	2	Screw, Cap	17	0623-294	2	Nut, Hex - Right
7	8048-486	2	Nut, Lock	18	0605-352	2	Tube, Tie Rod - Spindle
8	0623-920	2	Screw, Cap	19	0123-917	2	Nut, Hex - Left
9	8050-272	2	Washer	20	0605-511	2	Ball Joint, Steering - Left
10	0605-522	2	Axle, Drag Link	21	0605-014	2	O-Ring
11	8048-426	2	Nut, Lock				



HANDLEBAR AND CONTROLS

0740-087

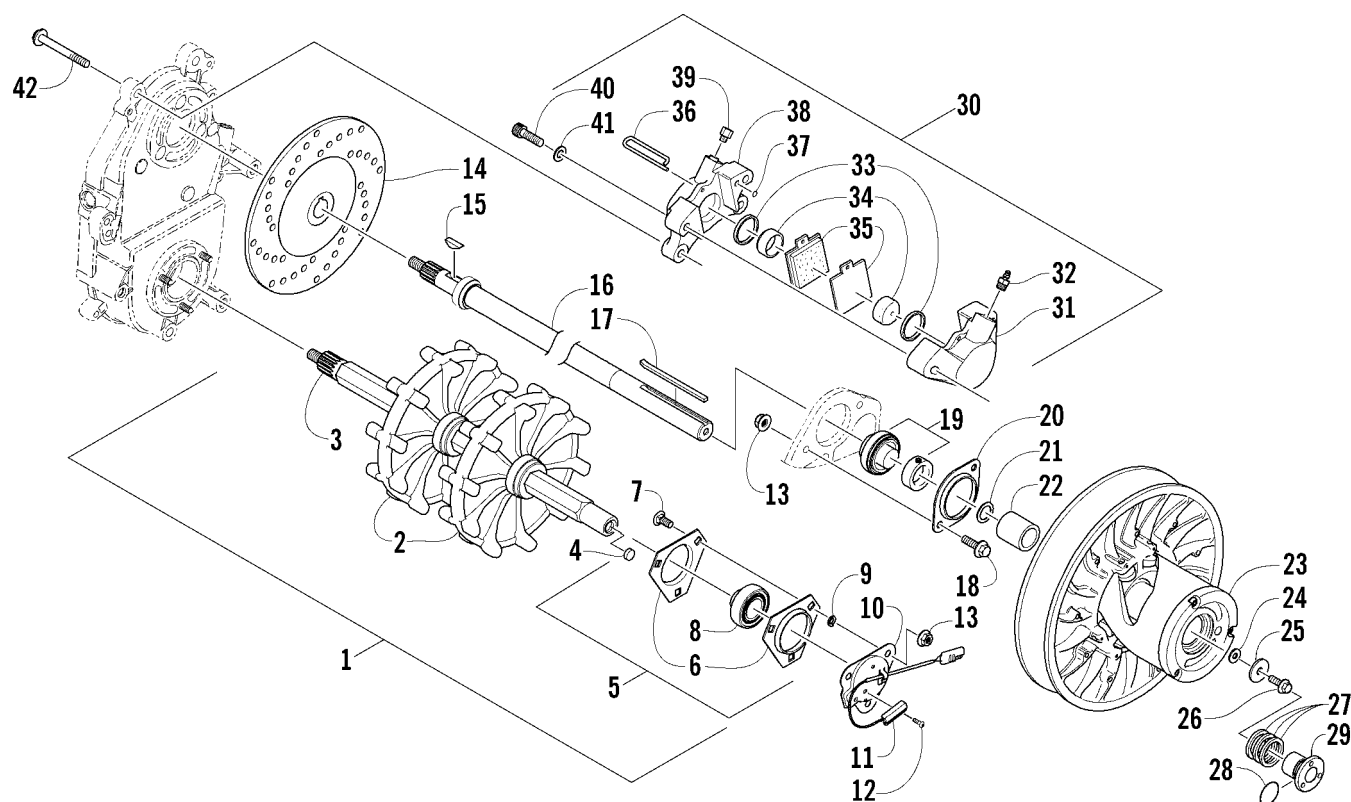
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0609-613	1	Control, Throttle (High/Low) (inc. 2-10)	14	0609-501	2	Washer, Shoulder - Throttle
2	0609-614	1	● Control, Throttle - Stop Switch Half	15	0609-368	1	Lever, Throttle
3	0609-500	1	● Control, Throttle - Thumbwarmer Assembly (High/Low) (inc. 4-10)	16	0609-040	1	Ring, Retaining
4	0609-495	1	●● Control, Throttle - Thumbwarmer Half (High/Low) w/o Components	17	0705-971	1	Handlebar
5	0609-497	1	●● Plug, Rubber	18	2606-084	2	Grip, Handlebar
6	0609-498	1	●● Clip, Retaining - Throttle Cable	19	0605-354	1	Pad, Handlebar - Front
7	0609-496	1	●● Plate, Cover	20	0605-353	1	Pad, Handlebar - Rear
8	0609-312	5	●● Screw, Self-Tapping	21	0705-285	1	Wrap, Handlebar
9	0609-382	1	●● Switch, Thumbwarmer Assembly (High/Low) (inc. three No. 8 and 10)	22	0609-528	2	Element, Handwarmer
10	0609-378	1	●●● Plate, Cover	23	0609-697	1	Element, Thumbwarmer
11	0609-492	2	Screw, Machine	24	0617-248	1	Pad, Insulator
12	0609-317	1	Axle, Lever - Throttle	25	0687-165	1	Cable, Throttle
13	0609-036	3	Washer	26	0123-788	AR	Cable Tie - 8 in.
				27	0623-262	1	Clip, Wire
				28	1639-963	1	Tool, Removal - Kit - Throttle Cable



HYDRAULIC BRAKE CONTROL ASSEMBLY

0737-603 *Not a Service Part **Not Illustrated

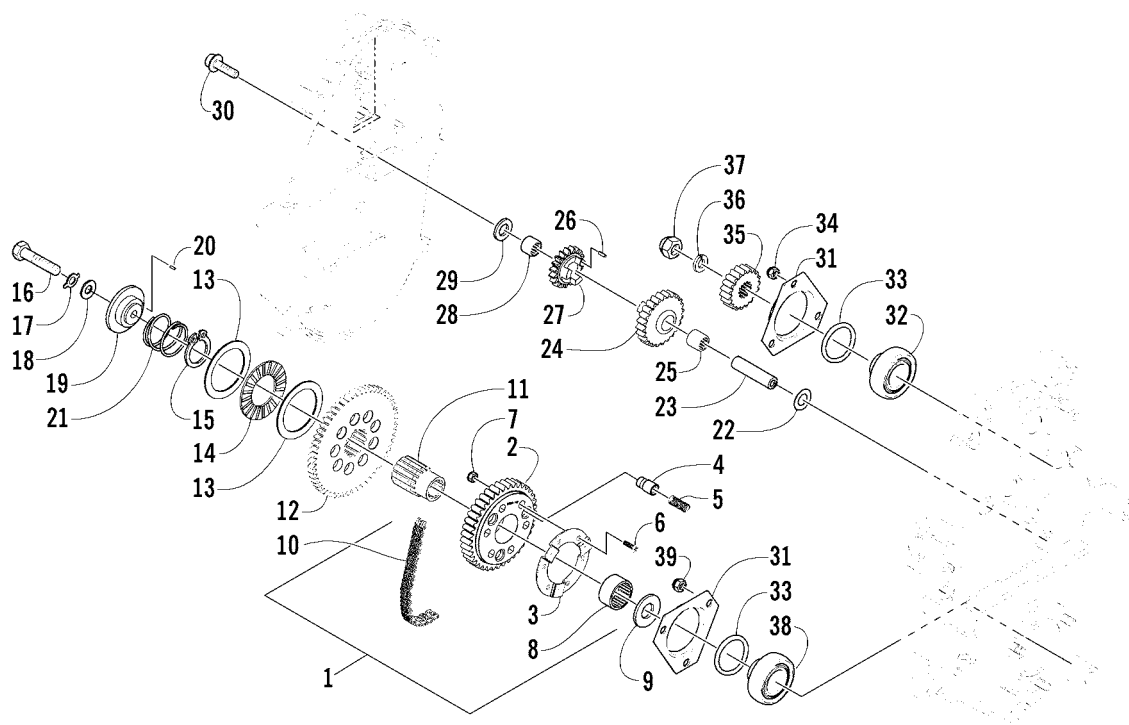
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0602-943	1	Brake Assembly (inc. 2-14)	13	0623-432	2	● Screw, Master Cylinder Mounting
2	1602-740	1	● Lever, Brake	14	0602-907	1	● Clamp, Master Cylinder
3	0623-430	1	● Screw, Lever Mounting	**	0638-315	AR	Fluid, Brake - High Temperature
4	0623-056	1	● Nut, Lock	15	0609-406	1	Control, Dimmer - Assembly (inc. 16-21)
5	0602-740	1	● Reservoir	16	0609-322	1	● Housing, Dimmer Control
6	0602-741	1	● Gasket, Cover	17	0609-267	1	● Switch, Dimmer and Brake - Assembly
7	0602-742	1	● Cover, Reservoir	18	0609-474	1	● Knob, Dimmer Switch
8	0623-506	2	● Screw, Cover	19	0609-383	1	● Switch, HI/LO Handwarmer - Assembly (inc. 20 and three No. 21)
9	0623-613	2	● Screw, Machine	20	0609-378	1	● Plate, Cover
10	0602-587	1	● O-Ring	21	0609-312	7	● Screw, Self-Tapping
11	*	1	● Master Cylinder	22	1602-275	1	Brakeline, Hydraulic
12	8052-212	2	● Washer, Lock - Internal Tooth				



DRIVE TRAIN SHAFTS AND BRAKE ASSEMBLIES

0738-995 *Not a Service Part

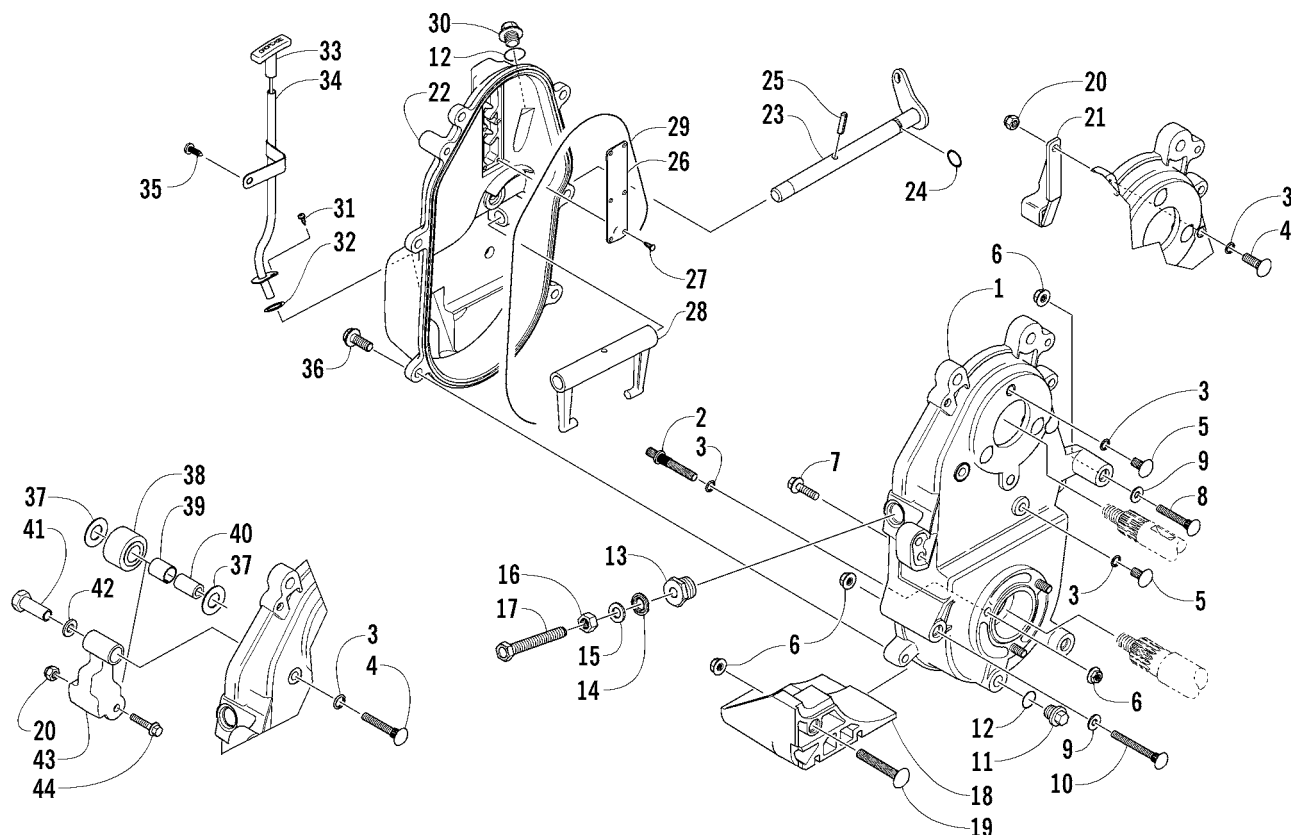
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0728-116	1	Track Drive Assembly (inc. 2-9)	22	2604-713	1	Spacer, Clutch
2	1602-507	2	● Sprocket, Drive	23	<u>0726-199</u>	1	Clutch, Driven
3	1602-585	1	● Driveshaft	24	0123-053	AR	Washer
4	0630-167	1	● Magnet, Disc	25	0123-260	1	Washer
5	0702-567	1	● Plate, Flange - Bearing Assembly (inc. 6-9)	26	8020-130	1	Screw, Cap
6	0602-198	2	●● Plate, Flange	27	0648-714	AR	Washer
7	8011-130	3	●● Bolt, Carriage		0648-715	AR	Washer
8	1602-374	1	●● Bearing, 1 in.		0648-716	AR	Washer
9	0623-810	3	●● Ring, Solder	28	0648-441	1	O-Ring
10	3606-244	1	Bracket, Sensor	29	<u>0648-741</u>	1	Adjuster, Sheave
11	0630-178	1	Sensor, Speedometer	30	0602-829	1	Caliper, Brake - Assembly (inc. 31-41)
12	0623-462	2	Screw, Self-Tapping	31	*	1	● Housing
13	8048-426	5	Nut, Lock	32	0602-707	1	● Screw, Bleed - Assembly
14	1602-205	1	Disc, Brake	33	0602-583	2	● O-Ring
15	0602-598	1	Key	34	0602-708	2	● Piston
16	0702-562	1	Shaft, Driven	35	0702-229	1	● Pad, Brake - Set (inc. 36)
17	0602-170	1	Key	36	0602-706	1	●● Pin, Retaining
18	8020-132	2	Screw, Cap	37	0602-729	1	● O-Ring, Housing
19	1602-099	1	Bearing, 1 in. w/Lock Collar - Re-Lubricative	38	*	1	● Housing
20	0602-892	1	Plate, Flange	39	0602-590	1	● Fitting, Adapter
21	0623-118	AR	Washer	40	8005-677	2	● Screw, Cap
	0623-119	AR	Washer	41	8050-272	2	● Washer
				42	8020-315	2	Screw, Cap



DRIVE/REVERSE DROPCASE ASSEMBLY

0738-421 *Not a Service Part

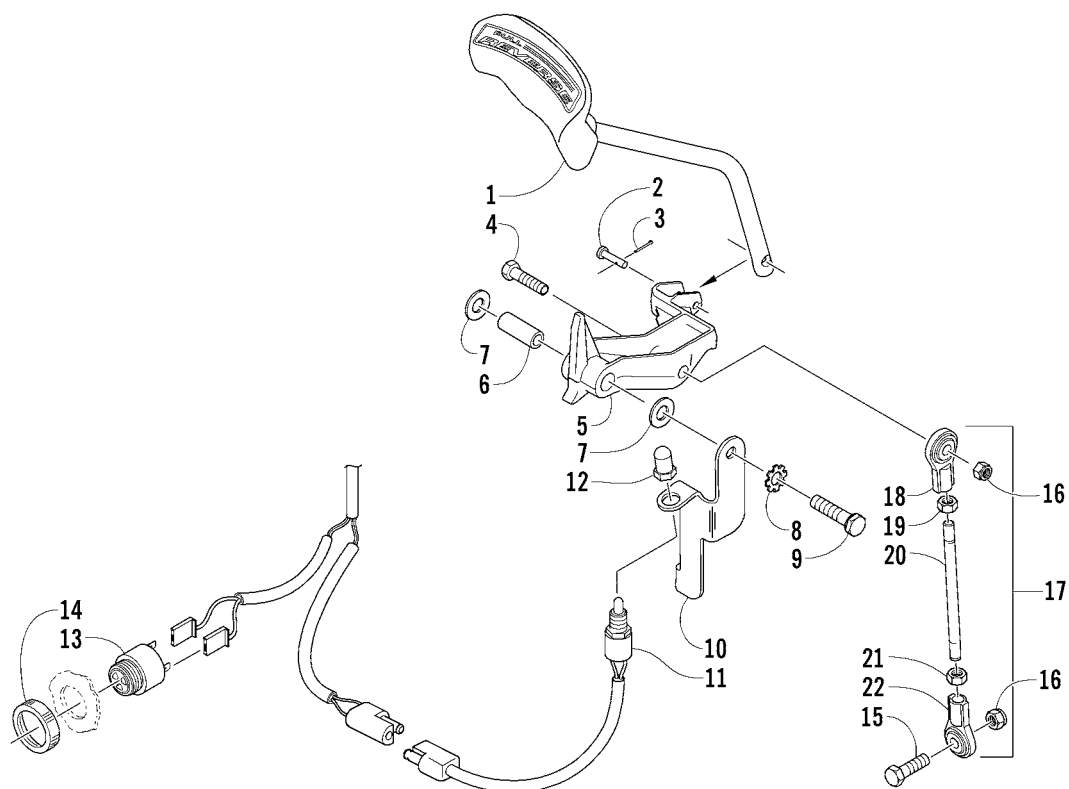
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0702-170	1	Sprocket Assembly - 39T (inc. 2-8)	21	0602-028	1	Spring, Return
2	*	1	● Sprocket	22	0602-215	1	Spacer, Reverse Idler
3	0602-144	1	● Retainer, Spring	23	0602-094	1	Shaft, Reverse
4	0602-133	3	● Pin, Slip	24	0702-260	1	Idler, Reverse - Assembly - 24T (inc. 25)
5	0602-138	3	● Spring, Compression	25	0602-018	1	● Bearing
6	0623-182	6	● Screw, Cap	26	0602-366	1	Aligner, Idler - Pin
7	0123-430	6	● Nut, Lock	27	0702-366	1	Idler, Reverse - Assembly - 19T (inc. 28)
8	0602-016	1	● Bearing	28	1602-045	1	● Bearing
9	0602-012	1	Spacer, Shaft	29	1602-044	1	Washer, Thrust
10	1602-041	1	Chain - 70P	30	8020-130	1	Screw, Cap
11	1602-048	1	Extension, Driveshaft	31	1602-521	2	Plate, Flange
12	0702-048	1	Gear, Reverse - 55T (inc. 13-15)	32	1602-052	1	Bearing, 7/8 in.
13	0602-023	2	● Washer, Thrust	33	0107-003	2	O-Ring
14	0602-022	1	● Bearing, Thrust	34	8041-426	3	Nut, Lock
15	0602-024	1	● Ring, Retaining	35	0602-444	1	Sprocket - 19T
16	8002-231	1	Screw, Cap	36	0623-231	1	Washer, Spring
17	1602-046	1	Washer, Tab Lock	37	0623-465	1	Nut, Lock
18	8050-272	1	Washer	38	1602-051	1	Bearing, 1 in.
19	0702-372	1	Retainer, Shaft (inc. 20)	39	8040-426	3	Nut, Lock
20	8070-153	1	● Pin, Spring				



DROPCASE AND CHAIN TENSION ASSEMBLY

0739-868

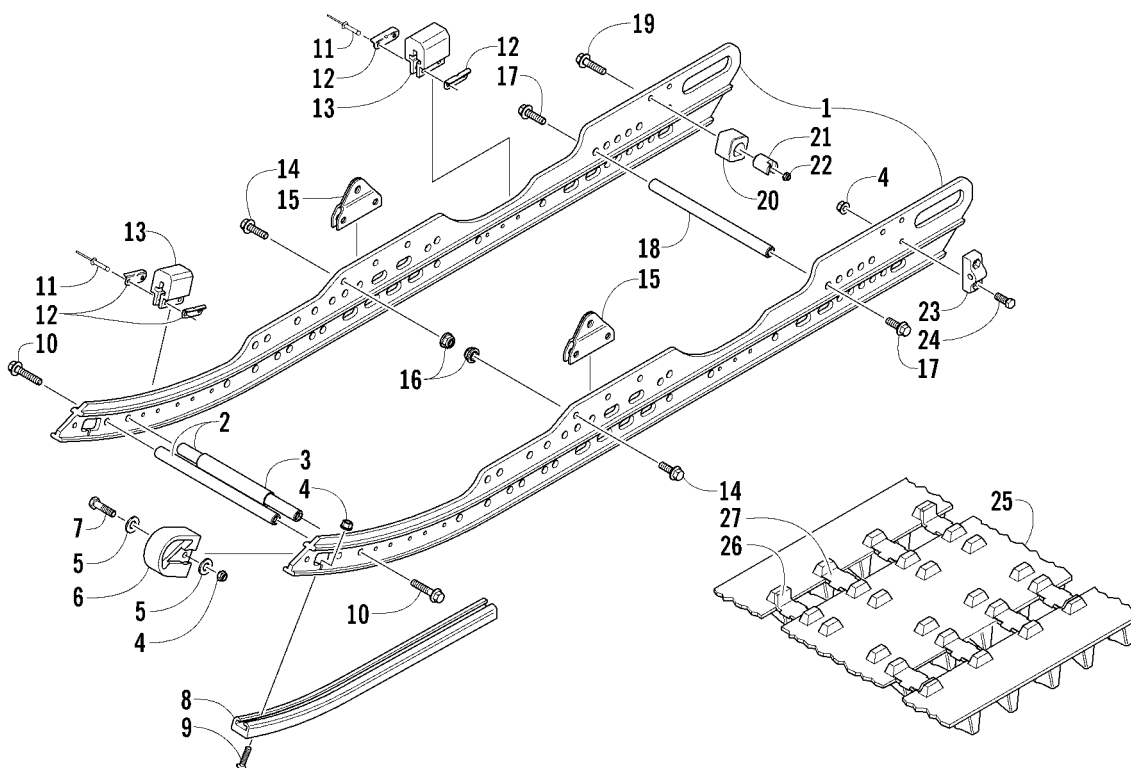
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0702-417	1	Dropcase w/Studs (inc. 2-5)	23	0702-350	1	Shaft, Shift Fork
2	0623-317	3	● Stud, Ribbed	24	0602-021	1	Seal, O-Ring
3	0607-025	9	● O-Ring, Stud	25	0623-542	1	Pin, Spring
4	0623-117	2	● Bolt, Ribbed	26	1602-151	1	Cover, Oil Vent
5	0123-523	4	● Bolt, Ribbed	27	0623-081	6	Screw, Self-Tapping
6	8047-426	7	Nut, Lock	28	0602-085	1	Fork, Shift
7	8020-135	1	Screw, Cap	29	0602-437	1	Seal, Dropcase
8	8011-139	2	Bolt, Carriage	30	0623-293	2	Plug, Drain
9	8050-247	AR	Washer	31	0623-914	1	Screw, Self-Tapping
10	8011-143	1	Bolt, Carriage	32	0605-014	1	O-Ring, Oil Level Stick Tube
11	0602-479	1	Plug, Drain - Magnetic	33	1602-107	1	Stick, Oil Level
12	1602-213	3	O-Ring	34	1602-106	1	Tube, Oil Level Stick
13	0602-876	1	Adapter, Manual Adjust	35	0623-765	1	Screw, Self-Tapping
14	0623-905	1	Seal, Manual Adjust	36	8020-134	5	Screw, Cap
15	8050-272	1	Washer	37	0623-525	2	Washer
16	0123-150	1	Nut	38	0702-129	1	Roller, Chain Tightener (inc. 39)
17	1602-101	1	Adjuster, Chain	39	0602-383	1	● Bearing, Chain Tightener
18	0616-964	1	Guard, Dropcase	40	0602-676	1	Shaft, Chain Roller
19	8011-135	1	Bolt, Carriage	41	0602-681	1	Nut, Roller Arm
20	0623-122	2	Nut, Lock	42	8050-222	1	Washer
21	0702-553	1	Bracket, Chain Backing	43	0602-675	1	Arm, Chain Roller
22	1602-222	1	Cover, Dropcase	44	8002-045	1	Screw, Cap



REVERSE SHIFT LEVER ASSEMBLY

0739-453 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0602-978	1	Lever	12	0630-013	1	Boot, Switch
2	0623-641	1	Pin, Clevis	13	0630-010	1	Alarm, Reverse (inc. 14)
3	0117-868	1	Pin, Cotter	14	0630-017	1	● Ring, Retaining
4	8002-137	1	Screw, Cap	15	8002-132	1	Screw, Cap
5	<u>0702-743</u>	1	Shift Pivot	16	8040-426	2	Nut, Lock
6	<u>1602-830</u>	1	Axle	17	0702-347	1	Linkage, Shifting - Assembly (inc. 18-22)
7	8050-247	2	Washer	18	0602-305	1	● Rod End - Left
8	8053-242	1	Washer, Lock - External Tooth	19	0623-260	1	● Nut, Jam - Left
9	8002-140	1	Screw, Cap	20	*	1	● Rod, Linkage
10	0702-465	1	Bracket, Reverse Switch	21	0123-144	1	● Nut, Jam - Right
11	0630-011	1	Switch, Alarm	22	0602-322	1	● Rod End - Right

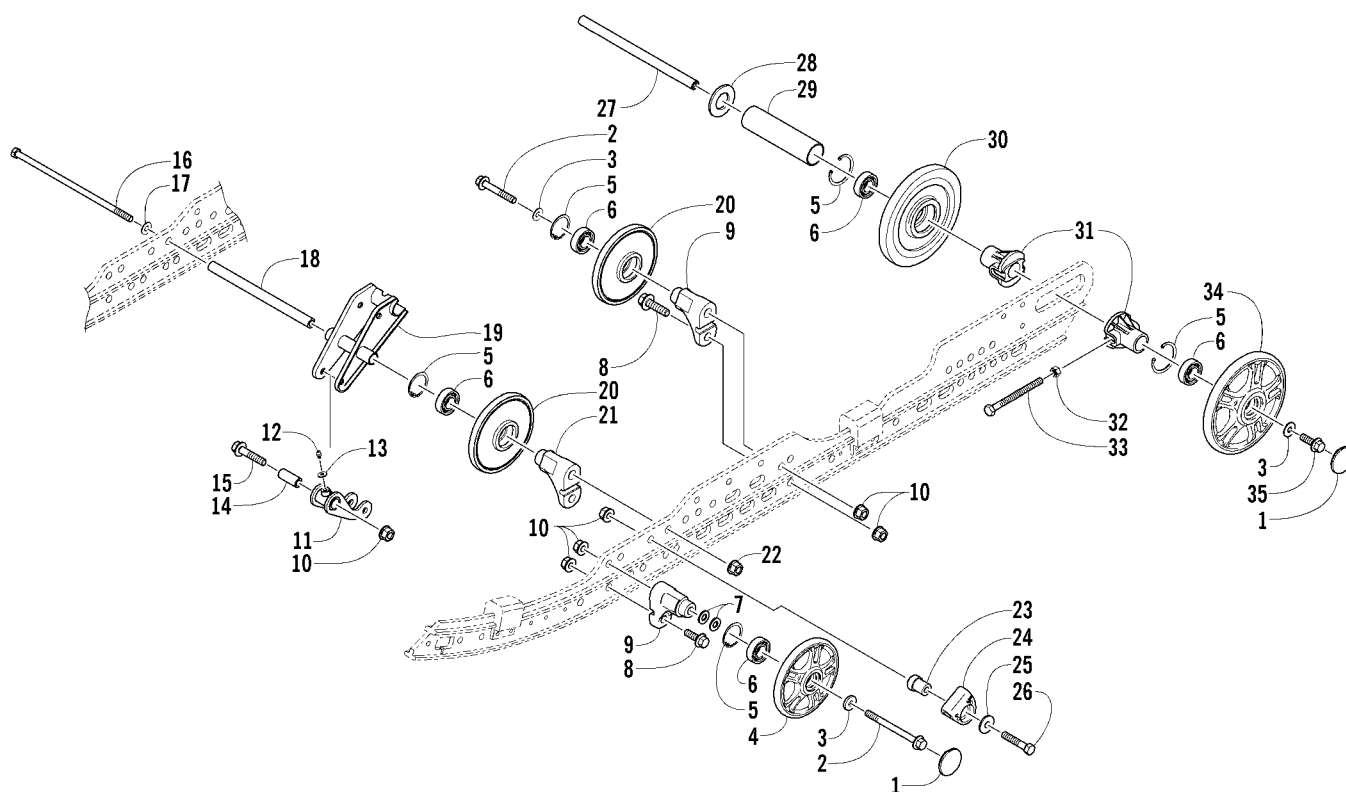


SLIDE RAIL AND TRACK ASSEMBLY

(Complete Skid Frame Assembly p/n 7998-231)

0740-071

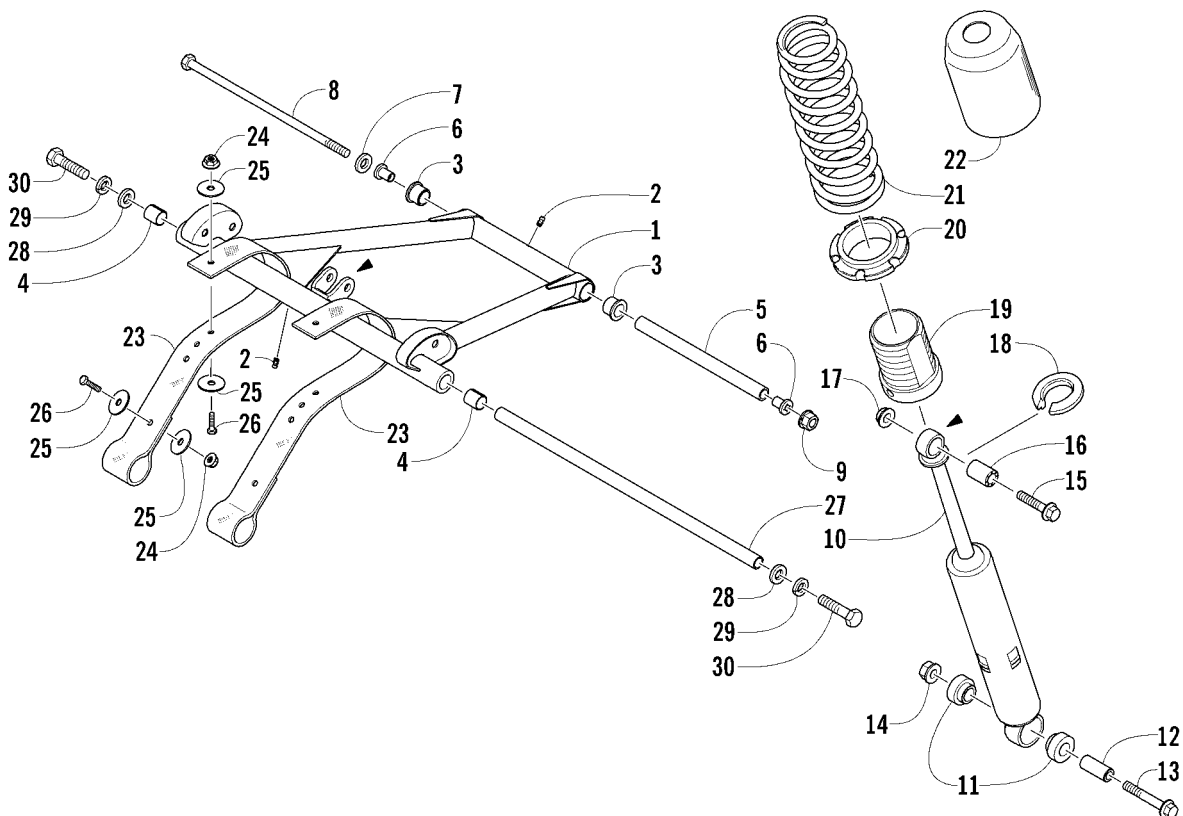
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2604-646	2	Rail, Formed	15	0704-395	2	Bracket, Mounting - Front Arm
2	0604-426	2	Support, Rail	16	8048-426	4	Nut, Lock
3	2604-623	1	Spacer	17	8020-223	2	Screw, Cap
4	8047-366	8	Nut, Lock	18	0604-930	1	Axle, Aluminum
5	8050-217	4	Washer	19	8020-226	2	Screw, Cap
6	2604-507	2	End Cap, Slide Rail	20	2604-545	2	Block Coupler - Rear Arm
7	8002-043	2	Screw, Cap	21	2604-046	2	Bushing, Coupler Block
8	2604-257	2	Wearstrip, Slide Rail - Black	22	8041-486	2	Nut, Lock
9	0123-859	2	Screw, Machine	23	0704-352	2	Adjuster, Track
10	8020-134	4	Screw, Cap	24	8002-042	4	Screw, Cap
11	8060-633	8	Rivet	25	<u>1602-752</u>	1	Track Assembly (inc. 26-27)
12	0604-967	8	Bracket, Retaining	26	<u>1602-899</u>	32	● Clip, Guide
13	0604-918	4	Pad, Shock	27	0602-541	64	● Clip, Wear
14	8020-132	4	Screw, Cap				



IDLER WHEEL ASSEMBLY

0740-072

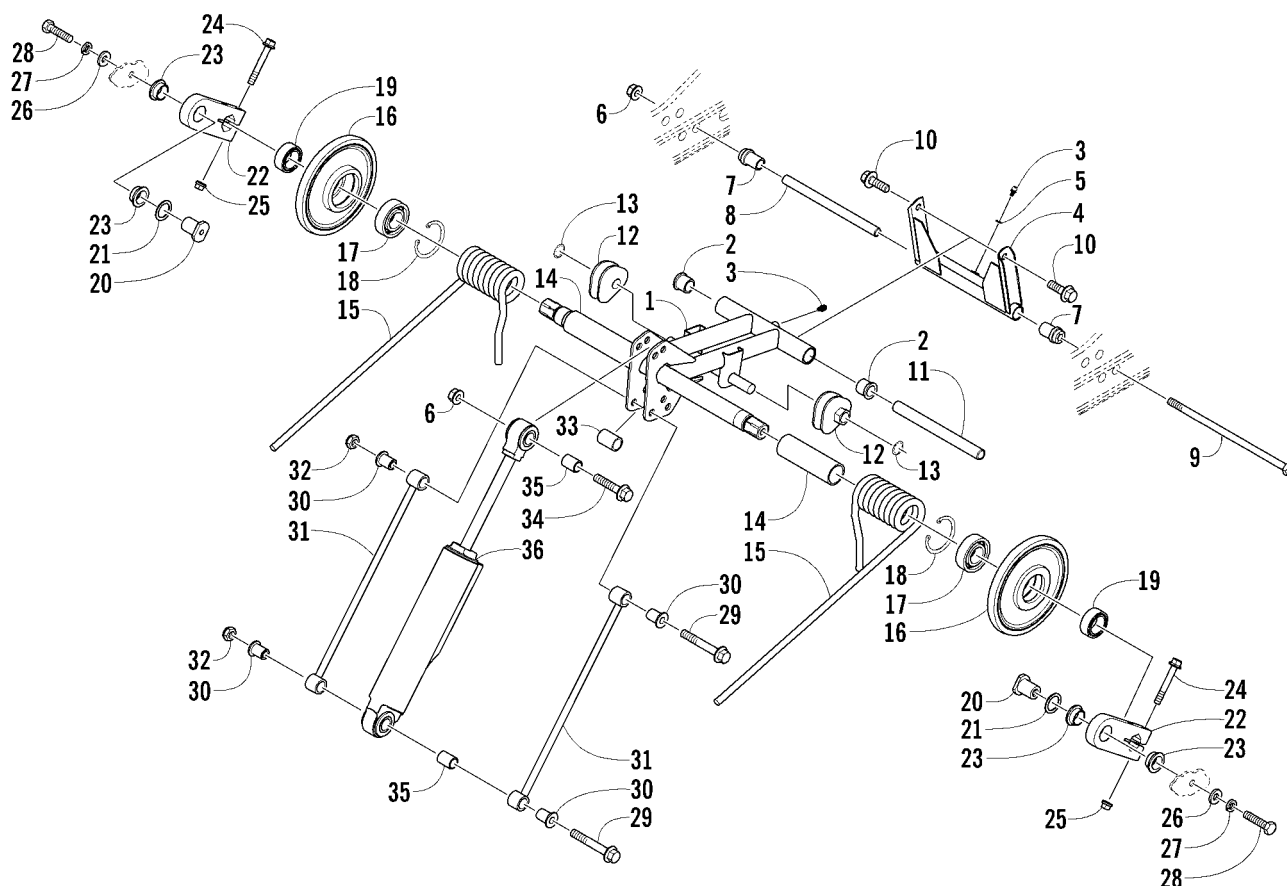
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1604-952	4	Cap, Idler Wheel	19	<u>1704-235</u>	1	Bracket, Mounting - Front Arm Shock
2	8020-232	4	Screw, Cap	20	1604-837	4	Wheel, Idler (inc. 5-6)
3	0623-664	6	Washer	21	<u>2604-738</u>	2	Block, Mounting - Idler Wheel
4	<u>2604-749</u>	2	Wheel, Idler - Red (inc. 5-6)	22	8047-490	1	Nut, Lock
5	0623-946	9	● Ring, Retaining	23	2604-378	2	Block, Slide
6	1604-847	9	● Bearing	24	2604-516	2	Slide, Spring
7	1604-187	4	Washer	25	8050-282	2	Washer
8	8020-224	4	Screw, Cap	26	8002-229	2	Screw, Cap
9	2604-579	4	Block, Mounting - Idler Wheel	27	2604-283	1	Axle, Rear Wheel
10	8048-486	11	Nut, Lock	28	0623-921	1	Washer
11	<u>1704-272</u>	1	Pivot, Rear Shock (inc. 12-13)	29	1604-940	1	Spacer, Rear Wheel
12	1623-010	1	● Fitting, Grease	30	1604-838	1	Wheel, Idler (inc. 5-6)
13	1623-011	1	● Washer, Grease Fitting	31	2604-260	3	Bushing, Adjuster
14	1604-329	1	Axle, Shock Pivot	32	8042-486	2	Nut
15	8020-228	1	Screw, Cap	33	0623-123	2	Screw, Cap
16	1623-037	1	Screw, Cap	34	<u>2604-740</u>	2	Wheel, Idler - Red (inc. 5-6)
17	0623-044	1	Washer	35	8020-223	2	Screw, Cap
18	<u>2604-737</u>	1	Axle, Inner				



REAR SUSPENSION FRONT ARM ASSEMBLY

0739-434

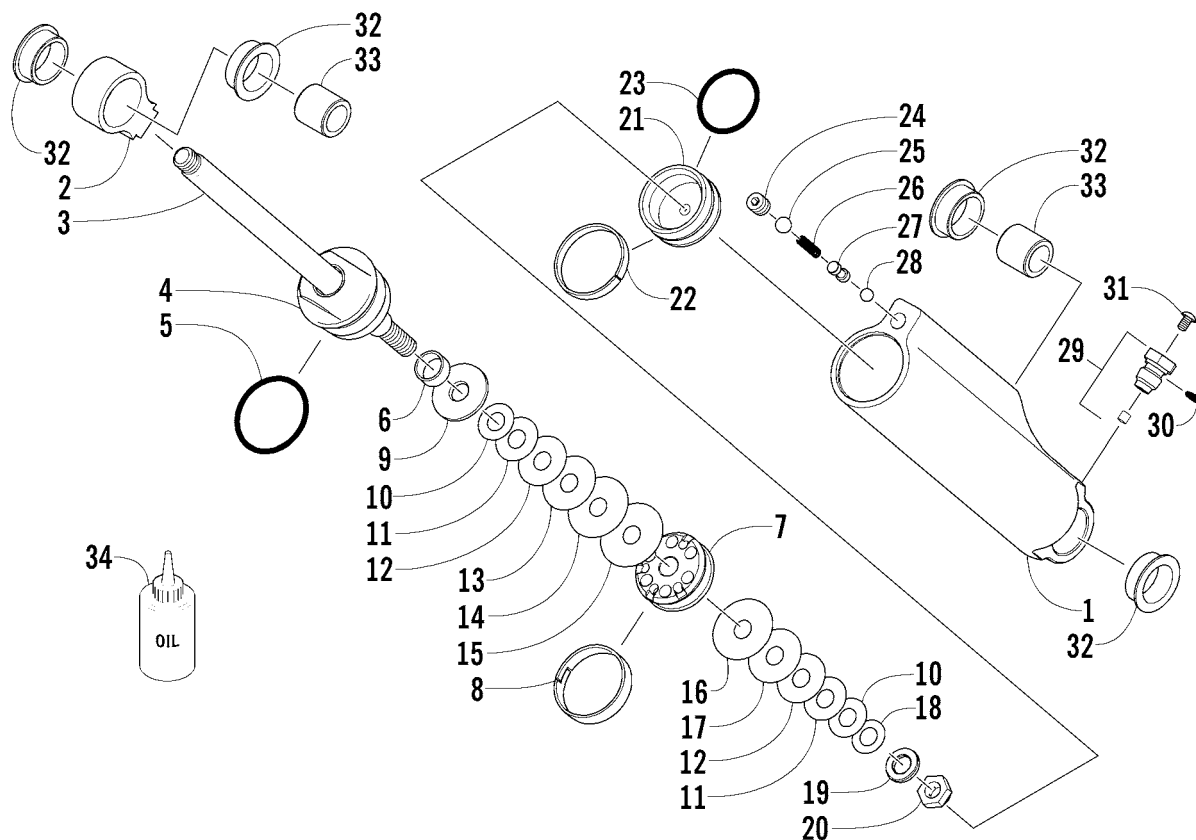
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1704-335</u>	1	Arm, Front Suspension (inc. 2-4)	16	0603-030	1	Axle, Serrated
2	1623-010	2	● Fitting, Grease	17	8041-486	1	Nut, Lock
3	0104-386	2	● Bushing, Front Arm	18	1603-889	1	Retainer, Spring
4	0603-083	2	● Bearing	19	0603-147	1	Sleeve, Threaded
5	0604-194	1	Tube, Axle	20	0603-259	1	Nut, Retainer - Spring
6	0603-061	2	Axle, Serrated	21	0603-860	1	Spring, Compression
7	0623-664	1	Washer	22	0604-590	1	Cover, Shock
8	1623-037	1	Screw, Cap	23	2604-305	2	Strap, Limiter
9	8047-490	1	Nut, Lock	24	8047-366	4	Nut, Lock
10	1604-369	1	Shock Absorber, Front Arm	25	0623-184	8	Washer
11	1604-384	2	Bushing, Shock	26	8002-043	4	Screw, Cap
12	1604-329	1	Axle, Pivot - Shock	27	0114-163	1	Axle, Inner Carriage
13	8020-228	1	Screw, Cap	28	0623-044	2	Washer
14	8048-486	1	Nut, Lock	29	8051-277	2	Washer, Lock
15	8020-226	1	Screw, Cap	30	8002-224	2	Screw, Cap



REAR SUSPENSION REAR ARM ASSEMBLY

0740-073

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1704-012	1	Arm, Idler (inc. 2 and one No. 3)	18	0123-798	2	● Ring, Retaining
2	1604-100	2	● Bushing	19	1604-507	2	Spacer, Pivot Idler Arm
3	1623-010	2	● Fitting, Grease	20	1604-181	2	Axle, Powder Metal
4	1704-019	1	Arm, Rear (inc. one No. 3 and 5)	21	1604-187	2	Washer, Pivot Idler Arm
5	1623-011	1	● Washer, Grease Fitting	22	0704-981	2	Arm, Pivot Idler (inc. 23-25)
6	8048-486	2	Nut, Lock	23	1604-202	4	● Bushing, Flared
7	1604-307	2	Axle, Serrated	24	8020-138	4	● Screw, Cap
8	0604-194	1	Tube, Axle	25	8048-426	4	● Nut, Lock
9	0623-907	1	Screw, Cap	26	0623-044	2	Washer
10	8020-220	2	Screw, Cap	27	8051-277	2	Washer, Lock
11	1604-208	1	Axle, Aluminum	28	8002-224	2	Screw, Cap
12	1604-204	1	Block, Spring Adjuster - Right	29	8020-233	2	Screw, Cap
	1604-205	1	Block, Spring Adjuster - Left	30	1604-498	4	Axle, Link - Flanged
13	0623-138	2	Ring, Retainer	31	0704-350	2	Link, Inner Carriage
14	0114-254	2	Sleeve, Spring	32	8041-486	2	Nut, Lock
15	1704-044	1	Spring, Suspension - Right	33	0704-854	1	Spacer, Shock Link
	1704-045	1	Spring, Suspension - Left	34	8020-226	1	Screw, Cap
16	1604-690	2	Wheel, Idler (inc. 17-18)	35	1604-139	2	Sleeve
17	0107-598	2	● Bearing	36	1704-138	1	Shock Absorber - Rear Arm

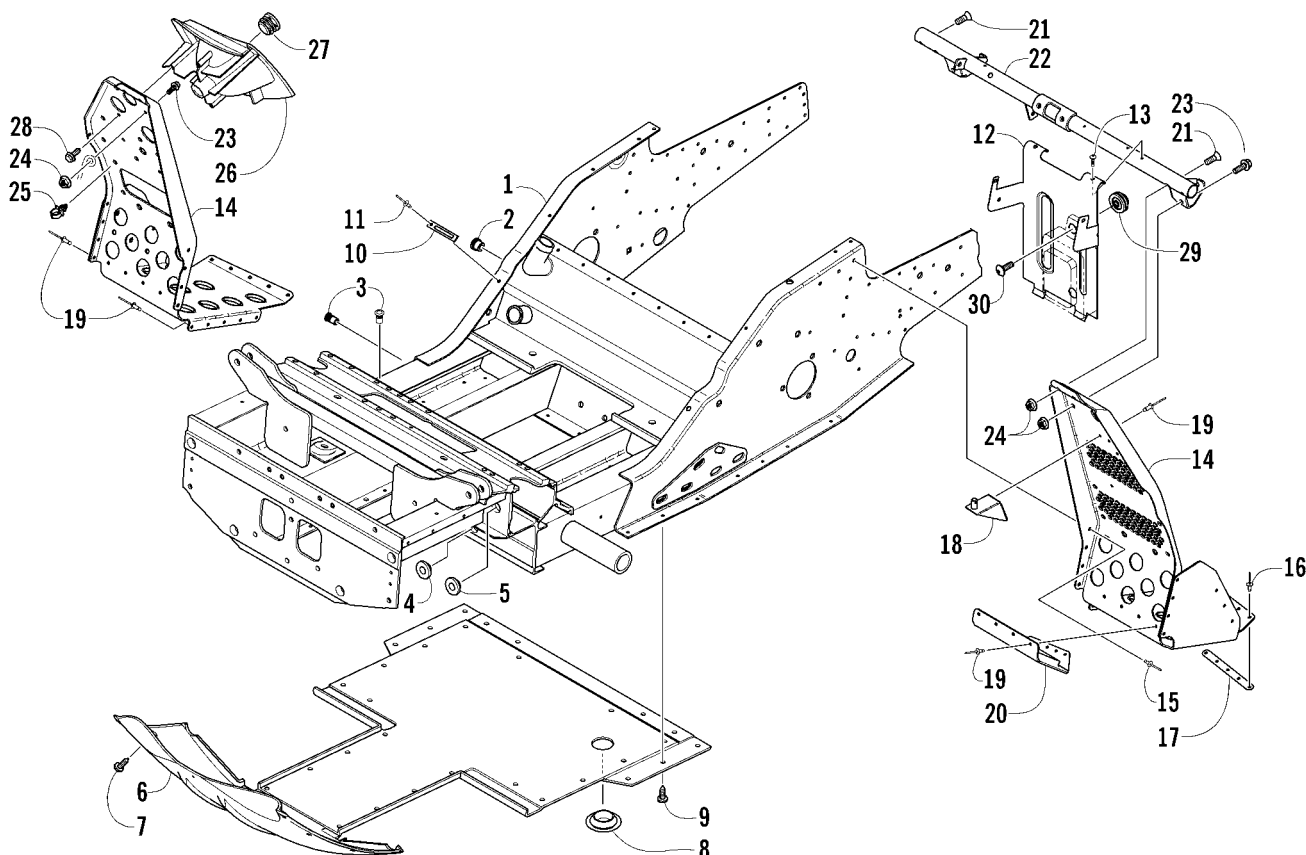


REAR SUSPENSION REAR ARM SHOCK ABSORBER

(Complete Shock Absorber p/n 1704-138)

0739-011

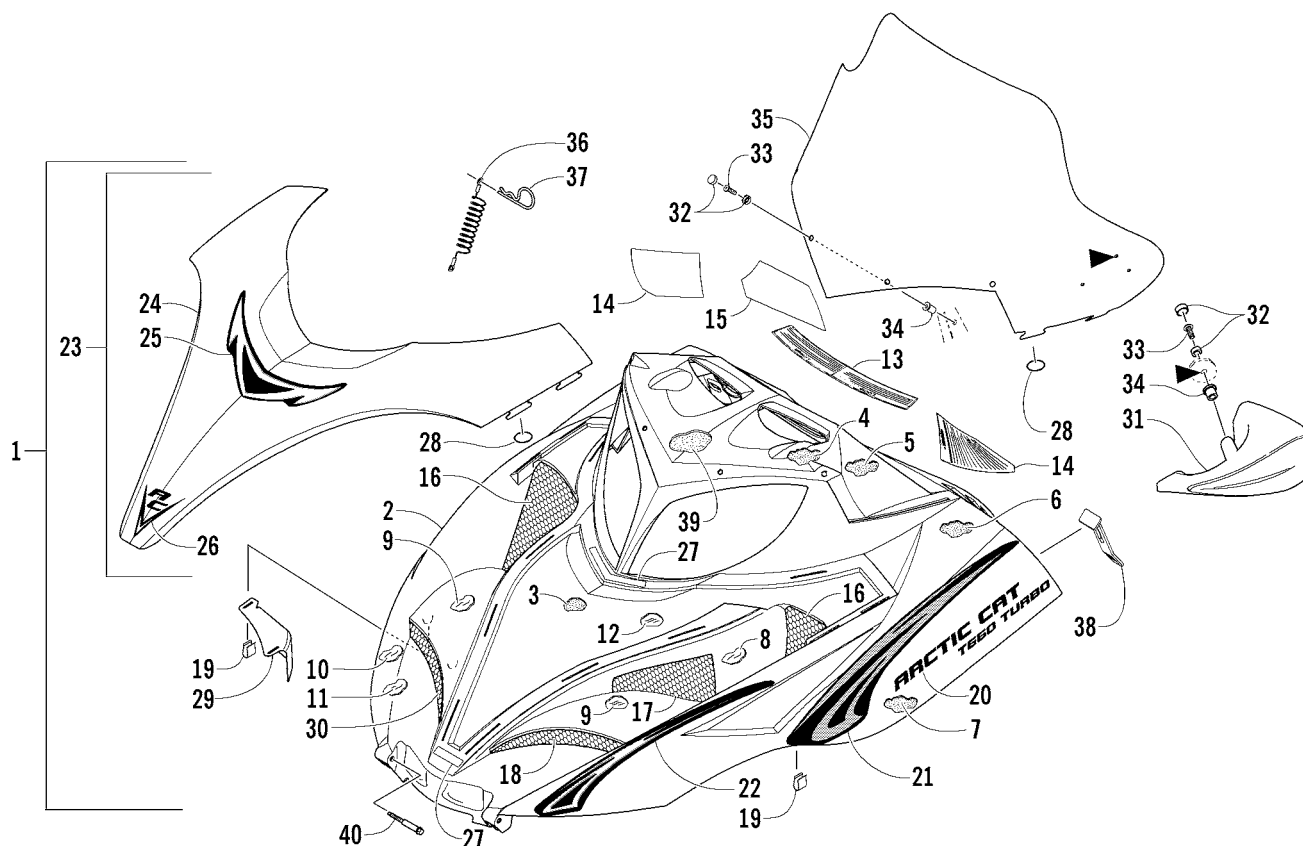
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2604-327	1	Body, Shock	18	2603-045	1	Valve, 0.700 x 0.010 in.
2	1604-763	1	Eyelet, Shock	19	1604-273	1	Washer, Backup
3	2604-364	1	Rod, Shock	20	0623-696	1	Nut, Lock
4	1703-452	1	Cap, Shock (inc. 5)	21	0704-791	1	Piston, Floating (inc. 22-23)
5	1604-271	1	● O-Ring	22	2604-153	1	● Strap, Piston - Teflon
6	2604-168	1	Spacer, Shaft	23	2604-152	1	● O-Ring
7	2604-620	1	Piston, 0.041 in. - Orifice (inc. 8)	24	8080-305	1	Screw, Set
8	1604-643	1	● Strap, Piston - Teflon	25	2604-432	1	Ball
9	1604-272	1	Washer, Top Out	26	2604-433	1	Spring
10	2603-055	2	Valve, 0.800 x 0.010 in.	27	2604-429	1	Rod, Spring
11	2603-065	2	Valve, 0.900 x 0.010 in.	28	2604-431	1	Ball
12	2603-075	2	Valve, 1.000 x 0.010 in.	29	0704-383	1	Valve, Pressure (inc. 30)
13	2603-095	1	Valve, 1.100 x 0.010 in.	30	1604-284	1	● O-Ring
14	2603-125	1	Valve, 1.250 x 0.010 in.	31	0624-433	1	Screw, Valve
15	2603-135	1	Valve, 1.300 x 0.010 in.	32	1604-262	4	Bushing, Shock
16	2603-126	1	Valve, 1.250 x 0.012 in.	33	1604-397	2	Sleeve, Eyelet
17	2603-096	1	Valve, 1.100 x 0.012 in.	34	2639-151	AR	Oil, Gas Shock - 6 qt Case



FRONT FRAME AND FOOTREST ASSEMBLY

0739-913

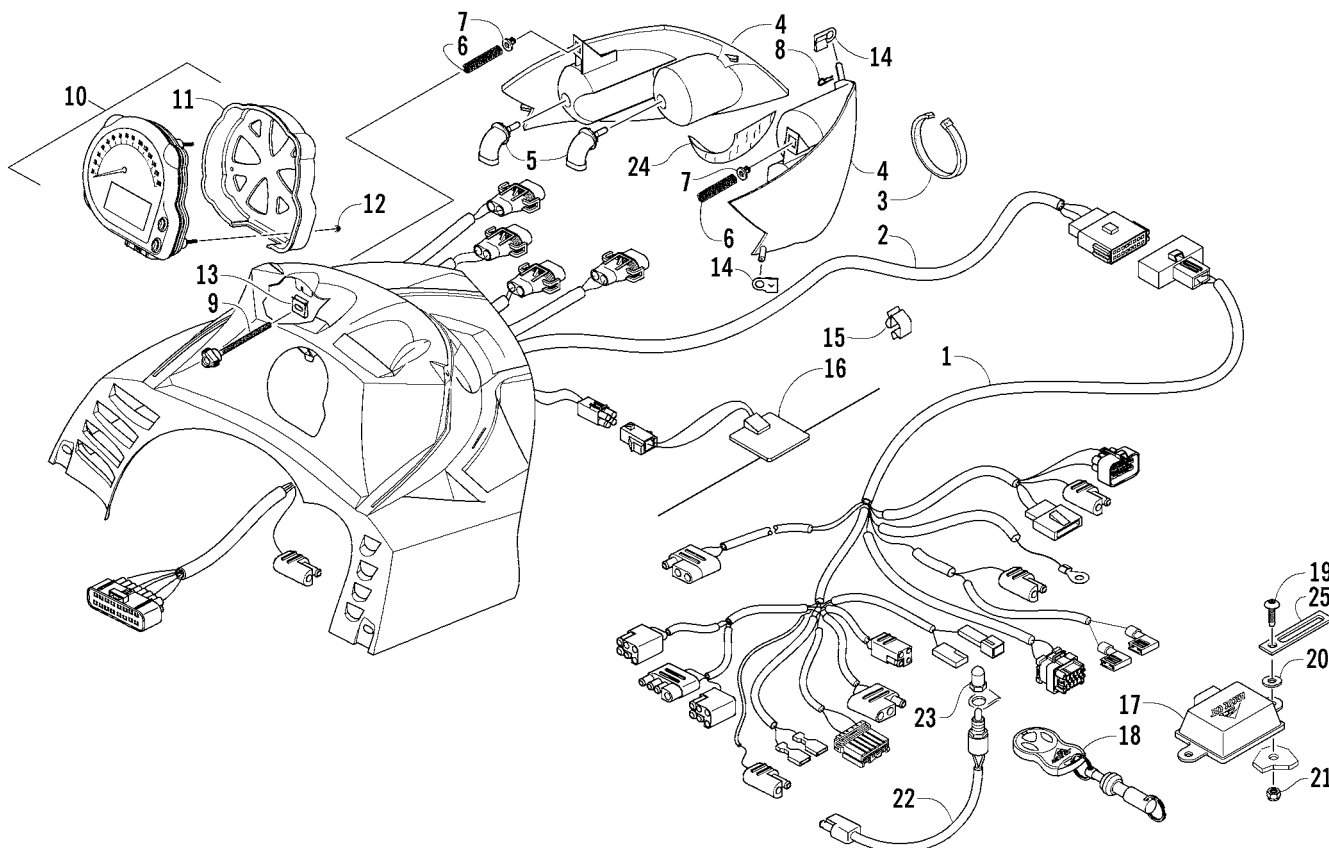
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0707-821	1	Chassis Assembly (inc. 2-5)	16	0623-282	10	Rivet
2	0623-581	1	● Insert	17	2706-110	2	Plate, Backing - Footrest
3	0623-582	4	● Insert	18	0705-173	1	Bracket, Mounting - Belt Guard
4	0607-420	4	● Insert, Lower A-Arm Mount	19	0623-166	AR	Rivet
5	0607-421	4	● Insert, Upper A-Arm Mount	20	1706-886	1	Plate, Backing - Right - Black
6	2706-516	1	Belly Pan - Center - Black		1706-887	1	Plate, Backing - Left - Black
7	1623-129	30	Screw, Self-Tapping	21	8019-614	4	Screw, Machine
8	2606-367	1	Plug, Oil Drain Access	22	0705-963	1	Support, Steering
9	0623-784	7	Screw, Self-Tapping	23	8020-040	2	Screw, Cap
10	3002-964	2	Clamp, Wire	24	8048-366	6	Nut, Lock
11	8060-506	2	Rivet	25	0623-101	1	Clip, Routing
12	0745-215	1	Bracket, Mounting - ECU	26	1706-099	1	Cup, Recoil Rope - Black
13	1623-175	2	Screw, Self-Tapping	27	0623-831	1	Plug, Recoil Cup
14	<u>2706-919</u>	1	Footrest - Right - Black	28	0623-297	3	Screw, Self-Tapping
	2706-113	1	Footrest - Left - Black	29	0645-359	2	Mount, ECU
15	0623-341	8	Rivet	30	8476-625	2	Screw, Machine



HOOD AND WINDSHIELD ASSEMBLY

0739-914

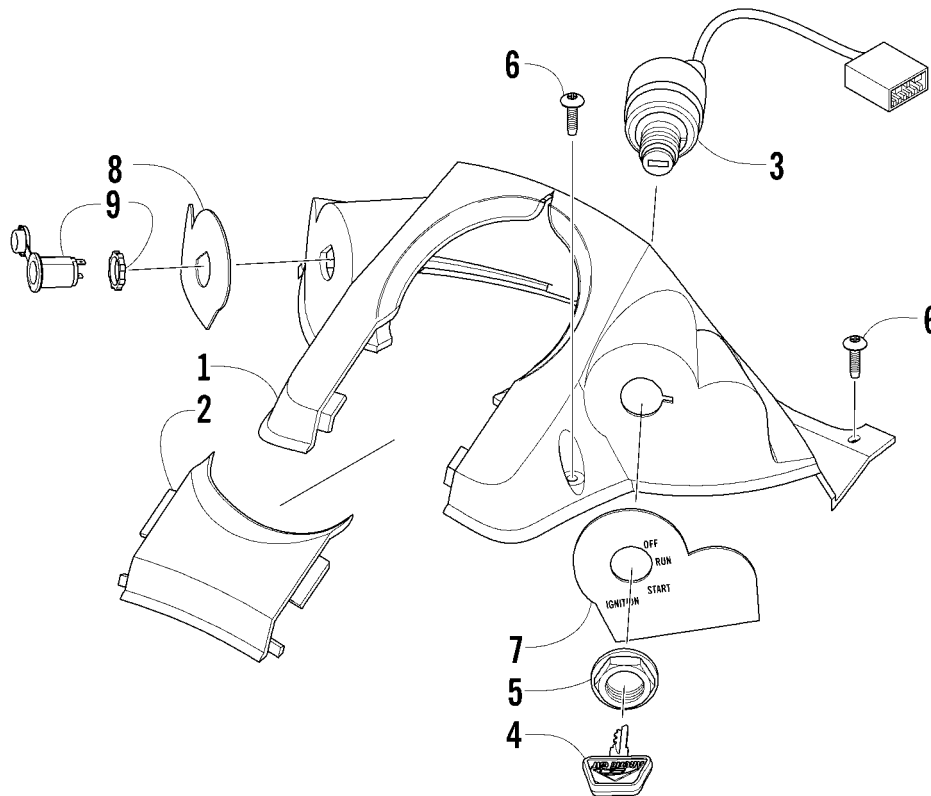
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1718-696</u>	1	Hood w/Decals - Black (inc. 2-27 and twelve No. 28)	19	0123-987	18	●● Clip, Retaining
2	<u>1718-520</u>	1	●● Hood w/o Decals - Black (inc. 3-19)	20	<u>6611-184</u>	2	●● Emblem, Hood
3	0717-183	1	●● Foam, Hood - Middle	21	<u>6611-186</u>	1	●● Decal, Hood - Lower Right
4	0717-186	1	●● Foam, Hood - Gauge - Right		<u>6611-187</u>	1	●● Decal, Hood - Lower Left
	0717-187	1	●● Foam, Hood - Gauge - Left	22	<u>6611-188</u>	1	●● Decal, Hood - Front - Right
5	0717-190	1	●● Foam, Hood - Upper Right		<u>6611-189</u>	1	●● Decal, Hood - Front - Left
	0717-191	1	●● Foam, Hood - Upper Left	23	<u>1718-620</u>	1	●● Cover, Hood w/Decals - Black (inc. 24-26)
6	0717-188	1	●● Foam, Hood - Rear - Right	24	3606-253	1	●● Cover, Hood w/o Decals - Black
	0717-189	1	●● Foam, Hood - Rear - Left	25	<u>6611-190</u>	1	●● Decal, Cover - Center
7	0717-184	1	●● Foam, Hood - Front - Right	26	<u>6611-185</u>	1	●● Emblem, Cover
	0717-185	1	●● Foam, Hood - Front - Left	27	0619-898	AR	●● Tape, Foam - 1 ft
8	3606-375	1	●● Foil, Hood - Side	28	0616-032	16	●● O-Ring
9	3606-372	1	●● Foil, Hood - Upper Right	29	1670-550	1	Deflector, Air Intake
	3606-373	1	●● Foil, Hood - Upper Left	30	3606-234	1	Screen, Hood - Front - Right - Black
10	2606-556	1	●● Foil, Hood	31	2639-477	2	Mirror - Kit - Black (inc. six No. 32-34)
11	3606-374	1	●● Foil, Hood - Lower Right	32	0124-054	10	●● Snap Cap w/Washer
12	3606-376	1	●● Foil, Hood - Upper	33	0623-902	10	●● Screw, Machine
13	5611-837	1	●● Decal, Warning - Break-In	34	0623-845	10	●● Nut, Expansion
14	5611-838	1	●● Decal, Warning (English)	35	3606-408	1	Windshield
	5611-839	1	●● Decal, Warning (French)	36	2606-247	1	Cable, Hood
15	5611-836	1	●● Decal, Reverse	37	0623-805	1	Clip, Hairpin
16	3606-236	1	●● Screen, Hood - Rear - Right - Black	38	1606-067	2	Strap, Hold-Down
	3606-237	1	●● Screen, Hood - Rear - Left - Black	39	0717-192	1	Foam, Hood - Upper Middle
17	<u>3606-928</u>	1	●● Screen, Hood - Middle - Black	40	1623-164	2	Screw, Shoulder
18	3606-235	1	●● Screen, Hood - Front - Left - Black				



HEADLIGHT, INSTRUMENTS, AND WIRING ASSEMBLIES

0740-033

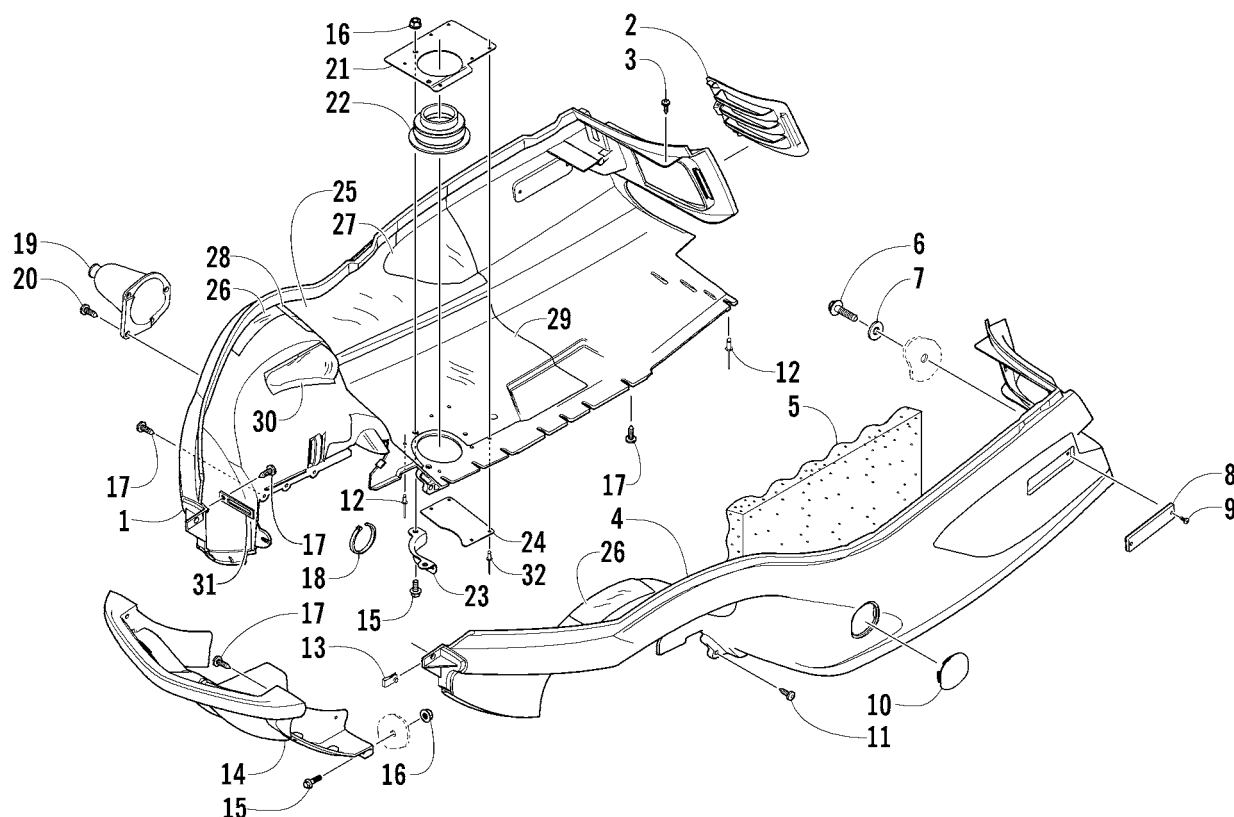
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1686-097</u>	1	Harness, Main	14	1623-202	2	Clip, Headlight - Right
2	<u>1686-075</u>	1	Harness, Hood		1623-201	2	Clip, Headlight - Left
3	0123-788	AR	Cable Tie - 8 in.	15	1623-200	5	Clip, Wire
4	0609-530	1	Lens/Reflector - Headlight - Right (inc. 5)	16	<u>0630-189</u>	1	Antenna, Control Module
	0609-531	1	Lens/Reflector - Headlight - Left (inc. 5)	17	<u>0630-186</u>	1	Module, Control - Remote Start
5	0609-251	4	● Bulb, Headlight	18	<u>0630-187</u>	1	Control, Remote
6	0623-360	2	Spring, Adjuster	19	8017-397	2	Screw, Machine
7	1623-025	2	Insert	20	0123-802	2	Washer
8	1623-137	4	Clip, Hairpin	21	8041-246	2	Nut, Lock
9	1623-024	2	Screw, Adjuster	22	0630-011	1	Switch, Hood
10	<u>0620-292</u>	1	Tachometer/Speedometer (inc. 11-12)	23	0630-013	1	Boot, Switch
11	0620-281	1	● Bracket, Retaining	24	3606-370	1	Foil, Headlight - Right
12	0620-280	4	● Nut w/Washer		3606-371	1	Foil, Headlight - Left
13	1623-189	2	Clip, Adjuster Screw	25	3002-964	1	Clamp, Wire



CONSOLE AND SWITCH ASSEMBLY

0739-883

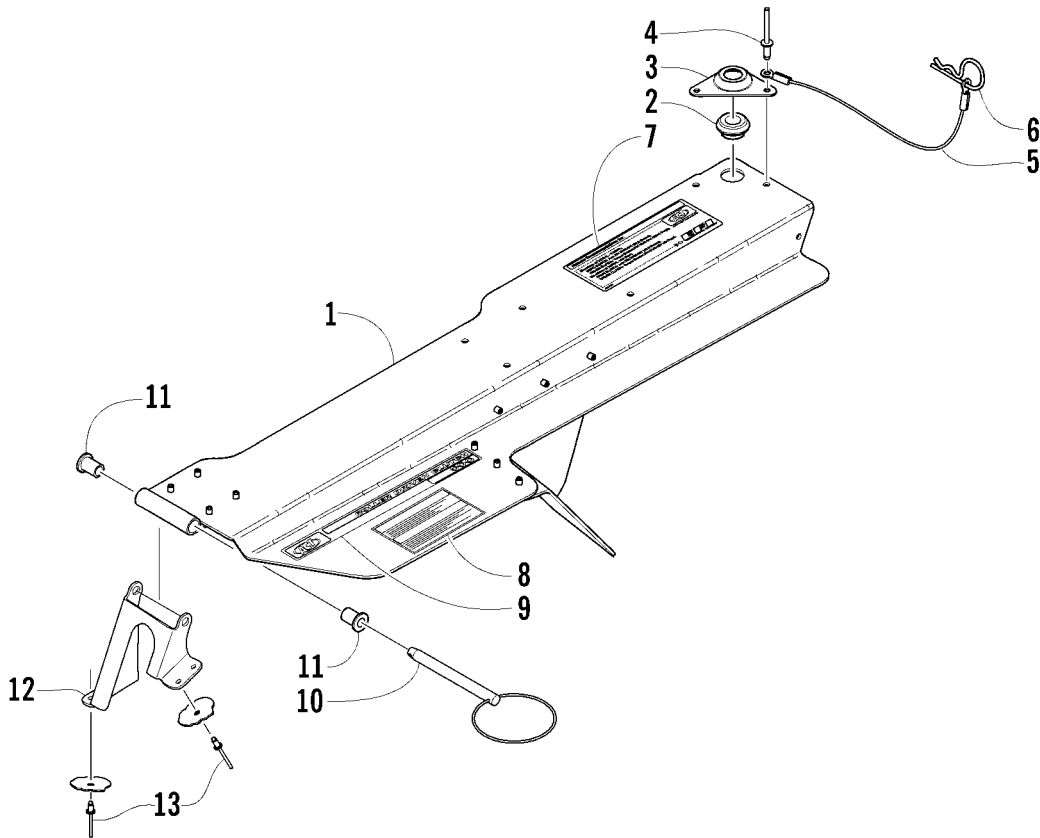
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3606-810</u>	1	Console	6	1623-175	4	Screw, Self-Tapping
2	1606-105	1	Door, Console	7	<u>6611-643</u>	1	Decal, Console - Right
3	<u>0609-698</u>	1	Switch, Ignition (inc. 4-5)	8	4611-805	1	Decal, Console - Left
4	*	2	● Key	9	0641-158	1	Outlet, Accessory
5	<u>0609-707</u>	1	● Nut, Retaining				*Key is coded to switch; see dealer to determine part number.



BELLY PAN AND FRONT BUMPER ASSEMBLY

0740-175

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	2706-479	1	Belly Pan - Right - Black	17	1623-129	24	Screw, Self-Tapping
2	1606-044	1	Louver, Air-Intake - Right - Black	18	0123-788	1	Cable Tie - 7.5 in.
	1606-045	1	Louver, Air-Intake - Left - Black	19	0605-332	1	Boot, Steering - Right
3	0623-378	2	Screw, Self-Tapping		0605-333	1	Boot, Steering - Left
4	2706-504	1	Belly Pan - Left - Black	20	0623-564	8	Screw, Self-Tapping
5	0617-315	1	Foam, Belly Pan - Left	21	1712-047	1	Ring, Exhaust Outlet
6	0623-647	2	Screw, Self-Tapping	22	<u>1612-870</u>	1	Boot, Exhaust
7	0623-184	2	Washer	23	0712-879	1	Deflector, Exhaust
8	0606-526	2	Reflector, Front - Amber	24	1712-049	1	Deflector, Exhaust
9	0623-269	4	Clip, Retaining	25	2606-376	1	Foil, Protective - Upper Middle
10	1606-767	1	Panel, Access - Drive Clutch - Black	26	0619-206	AR	Tape, Foil
11	0623-784	4	Screw, Self-Tapping	27	2606-375	1	Foil, Protective - Upper Rear
12	8061-508	2	Rivet	28	2606-387	1	Foil, Protective - Upper Front
13	0623-427	2	Nut, U	29	3606-450	1	Foil, Protective - Lower
14	1606-721	1	Bumper, Front	30	3606-451	1	Foil, Protective - Lower Front
15	8020-040	6	Screw, Cap	31	3002-964	1	Clamp, Wire
16	8048-366	6	Nut, Lock	32	8060-510	4	Rivet



BELT GUARD ASSEMBLY

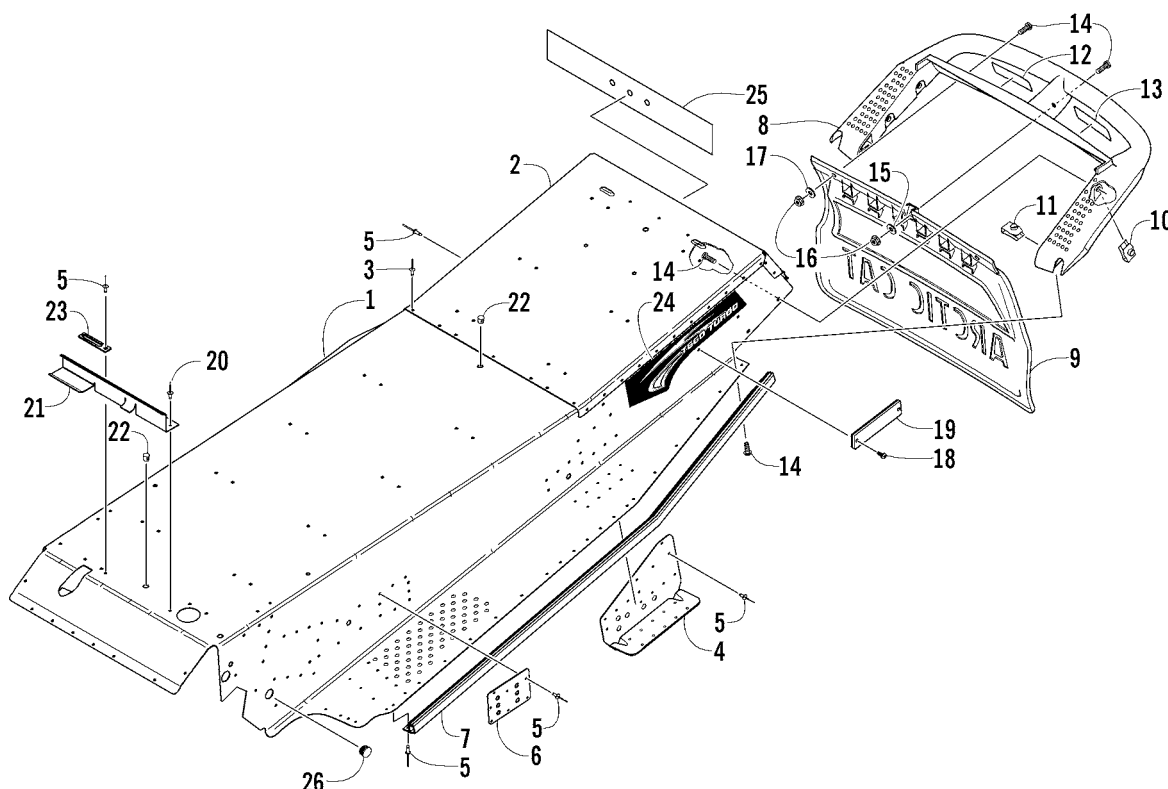
739-886A

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0707-574	1	Belt Guard Assembly (inc. 2-6)	8	1611-565	1	Decal, Warning - Belt Guard
2	0607-549	1	● Bushing, Belt Guard	9	3611-969	1	Decal, "ACT - Roller Driven Clutch"
3	0607-550	1	● Plate, Bushing - Belt Guard	10	1623-012	1	Pin, Belt Guard
4	8060-504	2	● Rivet	11	0607-094	2	Insert, Hinge
5	0607-447	1	● Cable	12	0707-707	1	Bracket, Mounting - Belt Guard
6	0605-283	1	● Clip, Hairpin	13	8061-508	4	Rivet
7	6611-447	1	Decal, Clutching				

0740-074

0739-915

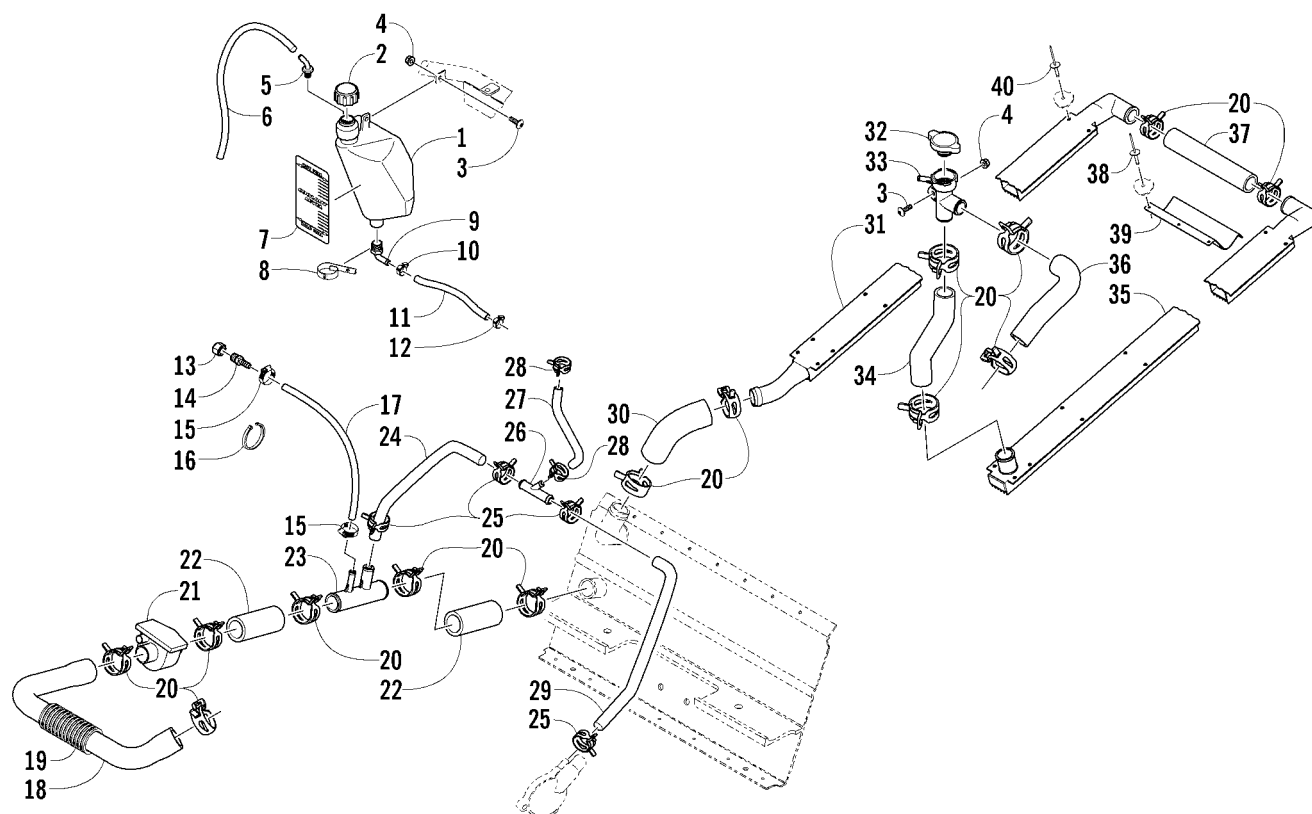
²⁴Parts available from www.Worldofpowersports.com 217-233-1245



TUNNEL AND REAR BUMPER

0740-075 *Optional

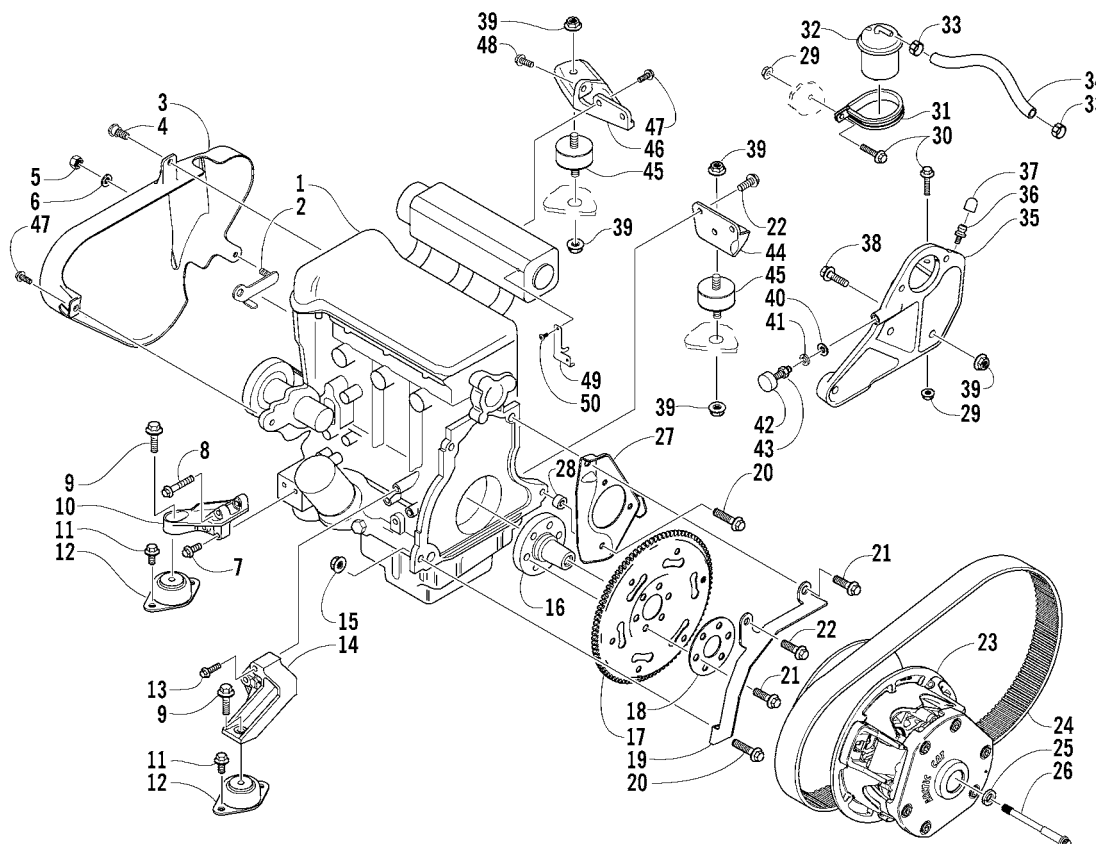
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1718-132	1	Tunnel Assembly (inc. 2-5)	11	0623-427	2	Nut, U
2	1606-486	1	● Plate, End - Rear Tunnel	12	5611-852	1	Decal, Warning - Towing (French)
3	8060-706	6	● Rivet	13	5611-853	1	Decal, Warning - Towing (English)
	8060-504	3	● Rivet	14	8017-580	9	Screw, Machine
4	1706-902	1	● Bracket, Suspension Mounting - Right - Rear	15	8050-217	1	Washer
	1706-903	1	● Bracket, Suspension Mounting - Left - Rear	16	8048-366	3	Nut, Lock
				17	0623-184	2	Washer
5	0123-418	AR	● Rivet	18	0623-269	4	Clip, Retaining
	0623-072	AR	● Rivet	19	0606-029	2	Reflector, Rear - Red
	8060-506	AR	● Rivet*	20	0623-166	2	Rivet
6	2706-116	2	Plate, Suspension Mounting - Front	21	0707-704	1	Bracket, Main Harness Protector
7	1706-904	1	Roll, Tunnel - Right	22	0623-562	3	Plug, Hole
	1706-905	1	Roll, Tunnel - Left	23	3002-964	1	Clamp, Wire
8	1606-200	1	Bumper, Rear	24	<u>6611-426</u>	1	Decal, "Arctic Cat" - Tunnel - Right
9	1606-507	1	Snowflap, Reverse		<u>6611-427</u>	1	Decal, "Arctic Cat" - Tunnel - Left
10	0623-771	4	Nut, U	25	<u>6611-436</u>	1	Decal - Rear
				26	1606-079	1	Plug



COOLING ASSEMBLY

0740-076

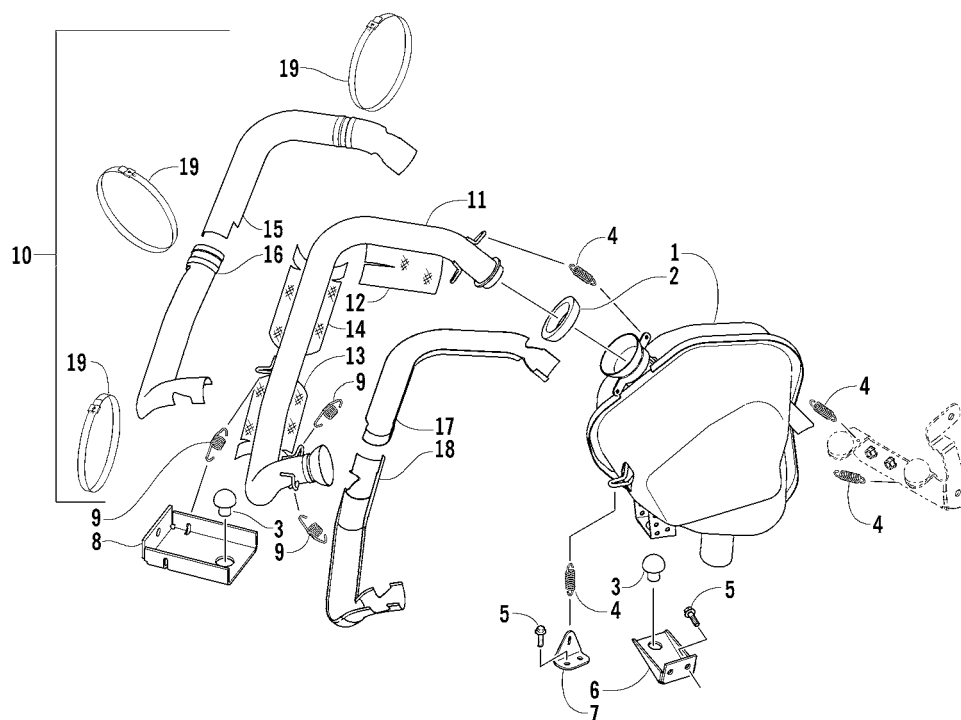
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1670-246	1	Tank, Coolant	21	0609-182	1	Heater, Inline
2	0670-035	1	Cap, Tank	22	0610-539	2	Hose, Coolant - T-Fitting
3	8017-580	2	Screw, Machine	23	2606-502	1	T-Fitting - Double
4	8048-366	2	Nut, Lock	24	0610-520	1	Hose, Coolant - Y-Fitting/T-Fitting
5	0670-242	1	Fitting, Vent	25	1623-285	4	Clamp, Hose
6	0610-010	AR	Hose, Vent - 25 ft	26	2606-625	1	Y-Fitting
7	4611-093	1	Decal, Fill Level - Coolant Tank	27	0610-518	1	Hose, Coolant - Throttle Body/Y-Fitting
8	0670-289	AR	Tape, Teflon	28	1623-197	2	Clamp, Hose
9	0670-075	1	Fitting, Elbow	29	0610-519	1	Hose, Coolant - Thermostat/Y-Fitting
10	0423-461	1	Clamp, Hose	30	0610-244	1	Hose, Coolant - Front Heat Exchanger/ Right Heat Exchanger
11	6101-001	AR	Hose, Coolant - 100 ft	31	0716-920	1	Heat Exchanger - Right Tube
	6101-009	AR	Hose, Coolant - 50 ft	32	2606-284	1	Cap, Filler Neck
12	1623-234	1	Clamp, Hose	33	2606-859	1	Neck, Filler
13	1670-303	1	Plug, Adapter	34	0610-488	1	Hose, Filler Neck/Left Heat Exchanger
14	0623-976	1	Adapter, Fitting	35	2706-079	1	Heat Exchanger - Left Tube
15	0623-373	2	Clamp, Hose	36	0610-500	1	Hose, Coolant - Filler Neck/Engine
16	0123-788	AR	Cable Tie - 8 in.	37	0610-215	1	Hose, Coolant - Rear
17	0610-076	AR	Hose, Coolant - Drain - 10 ft	38	8060-504	6	Rivet
18	0610-453	1	Hose, Coolant - Heater/Engine	39	0616-810	1	Guard, Hose
19	0619-619	AR	Protector, Hose	40	8060-706	32	Rivet
20	0623-736	14	Clamp, Hose				



ENGINE AND RELATED PARTS

0739-918

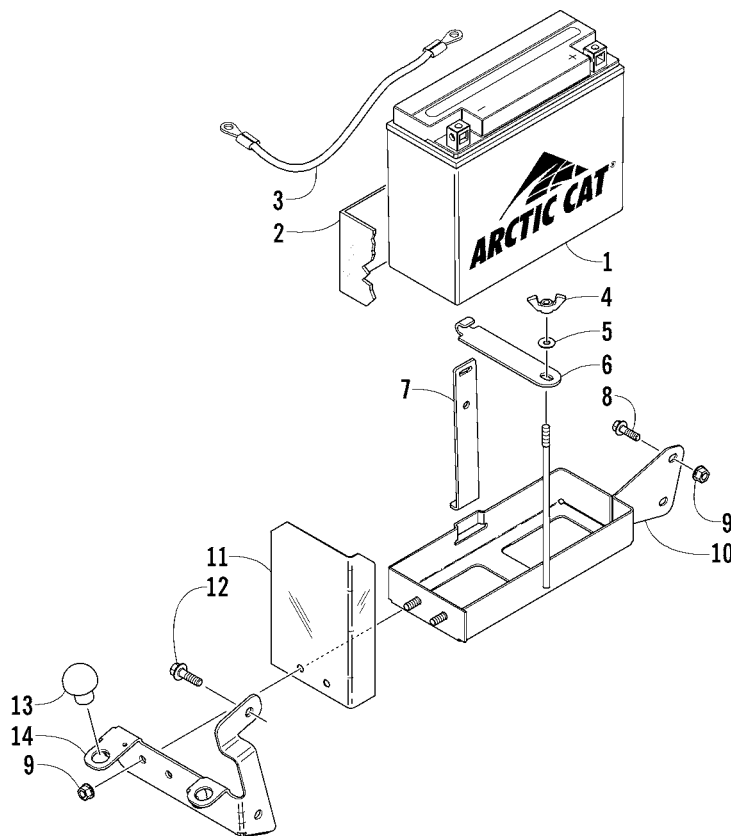
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>0662-397</u>	1	Engine	27	0745-162	1	Bracket, Mounting - Starter Motor
2	1706-930	1	Bracket, Belt Cover	28	1623-063	1	Bushing
3	2606-720	1	Cover, Engine Belt	29	8048-366	2	Nut, Lock
4	8408-616	1	Screw, Shoulder	30	8020-040	2	Screw, Cap
5	0624-250	1	Nut, Lock	31	1623-134	1	Clamp, Fuel Filter
6	8050-217	1	Washer	32	1670-469	1	Filter, Fuel
7	8408-840	2	Screw, Cap	33	0610-419	2	Clamp, Hose
8	8408-870	1	Screw, Cap	34	0610-075	AR	Hose, Gasline - 10 ft
9	8020-220	2	Screw, Cap	35	0708-409	1	Bracket, Engine Mounting/Bearing Support (inc. 36-37)
10	0708-432	1	Bracket, Engine Mounting - Right - Front	36	1623-010	1	● Fitting, Grease
11	0623-765	4	Screw, Self-Tapping	37	0623-904	1	● Cap, Grease Fitting
12	0608-347	2	Mount, Engine - Front	38	8020-224	3	Screw, Cap
13	8408-850	3	Screw, Cap	39	8048-486	7	Nut, Lock
14	<u>0708-464</u>	1	Bracket, Engine Mounting - Left - Front	40	8050-277	1	Washer
15	8428-002	2	Nut	41	8051-277	1	Washer, Lock
16	1670-245	1	Adapter, PTO	42	0608-358	1	Bumper, Torque - Engine
17	0745-192	1	Gear, Ring	43	8042-516	1	Nut
18	0745-187	1	Plate, Ring Gear	44	0708-128	1	Bracket, Engine Mounting - Left - Rear
19	0745-164	1	Guard, Ring Gear	45	0608-118	2	Mount, Engine - Rear
20	8409-040	2	Screw, Cap	46	0708-126	1	Bracket, Engine Mounting - Right - Rear
21	8409-030	7	Screw, Cap	47	8408-820	3	Screw, Cap
22	8409-020	4	Screw, Cap	48	8408-825	1	Screw, Cap
23	<u>0725-462</u>	1	Clutch, Drive	49	2706-751	1	Bracket, Filler Neck
24	0627-028	1	Belt, Drive	50	8477-610	1	Screw, Cap
25	0623-210	1	Washer, High Collar				
26	0623-804	1	Bolt, Drive Clutch				



EXHAUST ASSEMBLY

0739-028

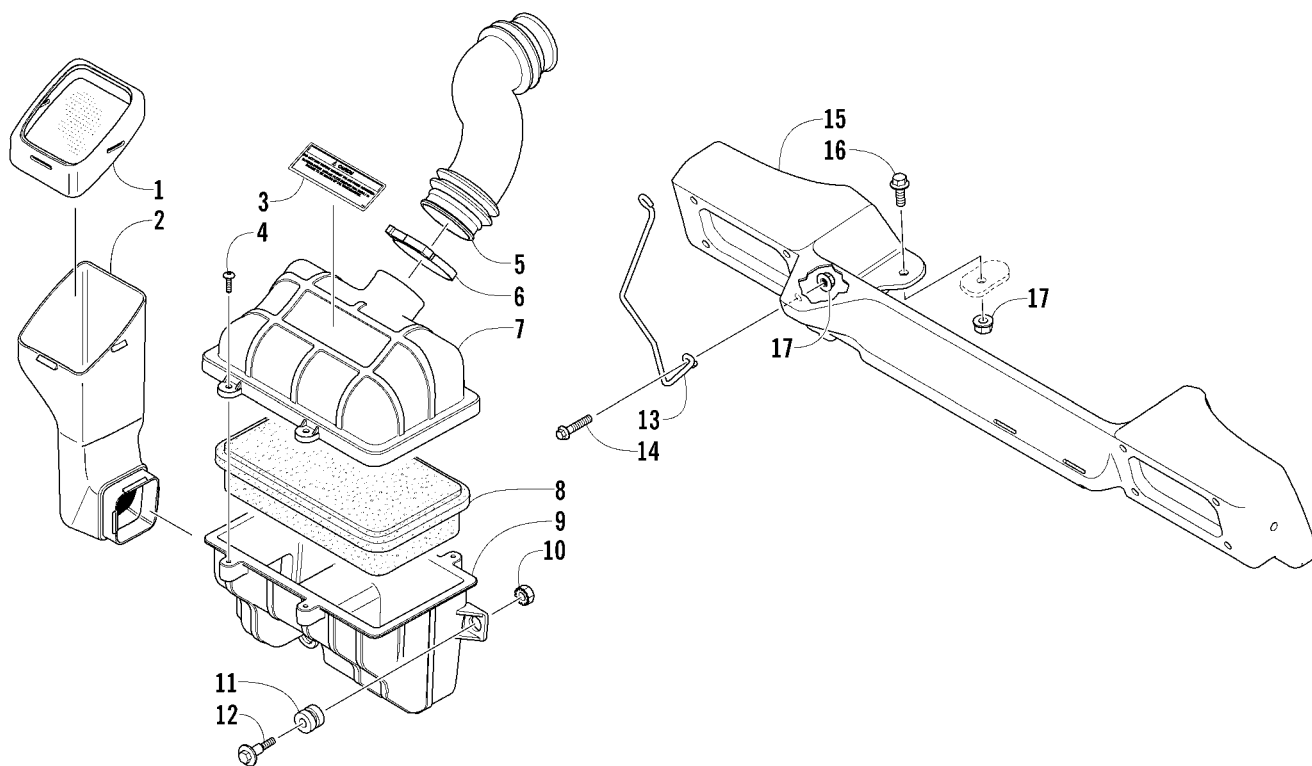
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1712-171</u>	1	Resonator	11	1712-006	1	● Pipe, Exhaust
2	1612-323	2	Gasket, Exhaust	12	1612-818	1	● Packing - Right
3	0612-111	2	Bumper, Rubber	13	1612-819	1	● Packing - Left
4	0612-668	5	Spring, Extension	14	1612-820	1	● Packing - Center
5	8020-040	4	Screw, Cap	15	1612-768	1	● Cover, Exhaust Pipe - Upper Right
6	1712-038	1	Bracket, Mounting - Resonator	16	1612-769	1	● Cover, Exhaust Pipe - Upper Left
7	1612-763	1	Bracket, Spring Retaining	17	1612-770	1	● Cover, Exhaust Pipe - Lower Right
8	1712-046	1	Bracket, Mounting - Exhaust Pipe	18	1612-771	1	● Cover, Exhaust Pipe - Lower Left
9	0612-471	3	Spring, Exhaust	19	<u>0423-524</u>	5	● Tie, Band - 10 in.
10	1712-048	1	Pipe, Exhaust - Assembly (inc. 11-19)				



BATTERY ASSEMBLY

0739-031

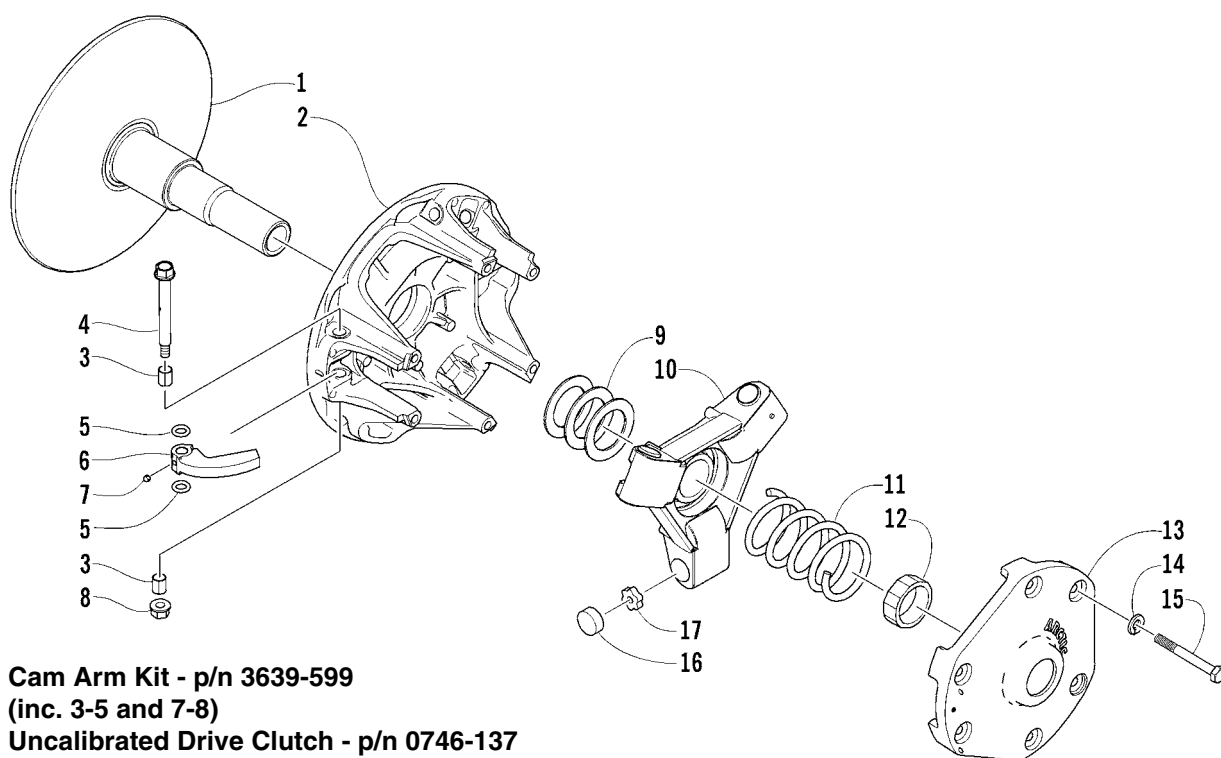
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0745-230	1	Battery (inc. 2)	8	8020-039	2	Screw, Cap
2	0645-082	1	● Wrap, Heat - Battery	9	8048-366	4	Nut, Lock
3	<u>0645-476</u>	1	Cable, Battery/Ground	10	0745-213	1	Tray, Battery
4	0623-325	1	Nut, Wing	11	0645-437	1	Shield, Heat
5	8050-217	1	Washer	12	0623-765	1	Screw, Self-Tapping
6	0645-243	1	Strap, Battery Hold-Down - Top	13	0612-111	3	Bumper, Rubber
7	0645-311	1	Strap, Battery Hold-Down - Side	14	0745-214	1	Bracket, Mounting - Battery Tray



AIR SILENCER ASSEMBLY

0739-034

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	1670-540	1	Cover, Inlet Tube	10	0623-877	4	Nut w/Washer
2	1670-553	1	Tube, Inlet	11	1612-701	4	Bushing
3	5611-863	1	Decal, Air Silencer	12	0623-856	4	Screw, Shoulder
4	1623-395	4	Screw, Machine	13	0707-705	1	Bracket, Guard - Harness/Rope
5	1670-541	1	Tube, Outlet	14	8020-040	1	Screw, Cap
6	1623-133	1	Clamp, Tube	15	1670-577	1	Plenum, Air Silencer
7	1670-543	1	Cover, Air Silencer	16	8020-039	9	Screw, Cap
8	3006-870	1	Filter, Air	17	8048-366	10	Nut, Lock
9	1670-544	1	Silencer, Air				

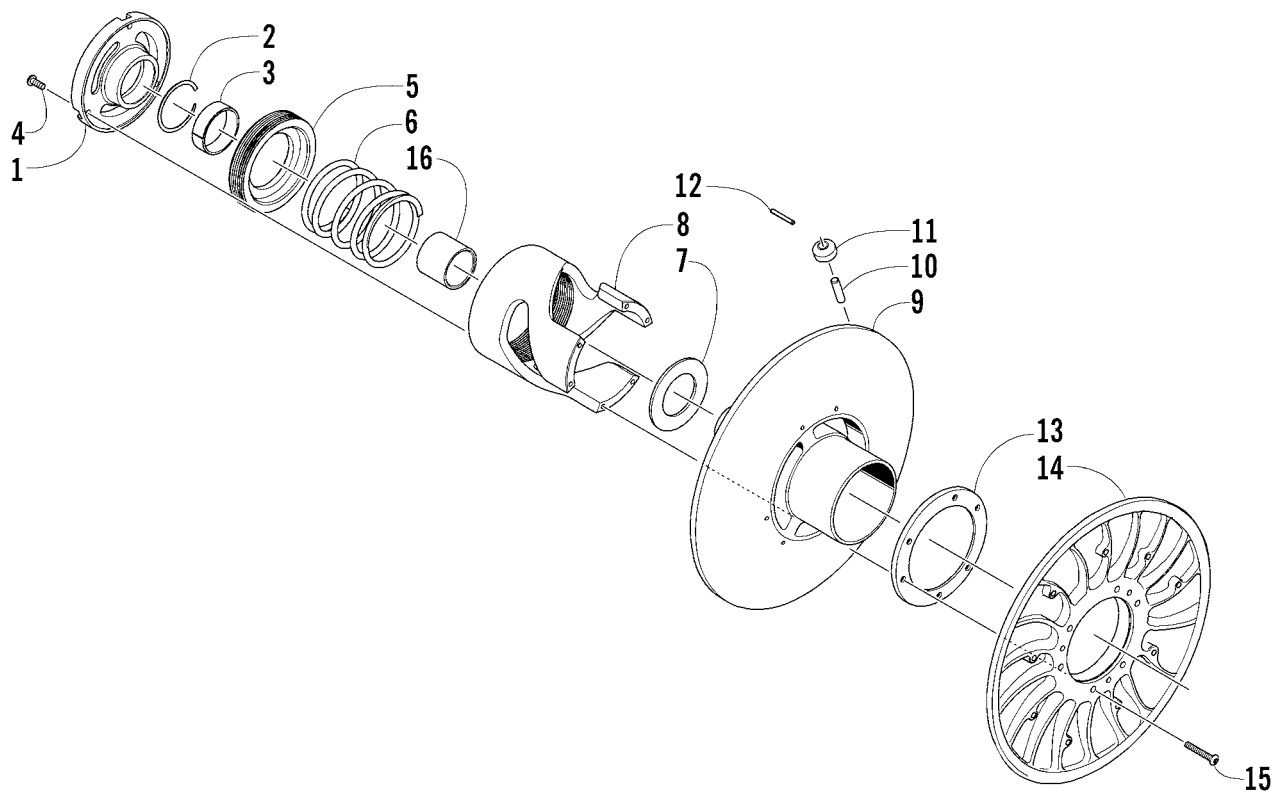


DRIVE CLUTCH

(Assembly p/n 0725-462)

0739-035

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0646-365	1	Sheave, Stationary	10	0746-686	1	Spider Assembly
2	0746-132	1	Sheave, Movable (inc. 3)	11	0646-149	1	Spring, Drive Clutch - Red
3	0646-372	6	● Bearing		0646-147	1	Spring, Drive Clutch - Yellow/Green (Over 5,000 ft Alt.)
4	0646-344	3	Pin, Cam Arm	12	0646-140	1	Nut
5	1602-692	6	O-Ring	13	0746-113	1	Cover
6	0746-671	3	Arm, Cam (inc. 7)	14	8051-212	6	Washer, Lock - Spring
7	1623-183	3	● Screw, Set	15	1623-085	6	Screw, Machine
8	8048-366	3	Nut, Lock	16	0646-297	3	Button, Torque
9	0646-377	1	Washer, Spacer	17	0646-298	3	Plug, Torque Button
	0646-266	1	Washer, Spacer				

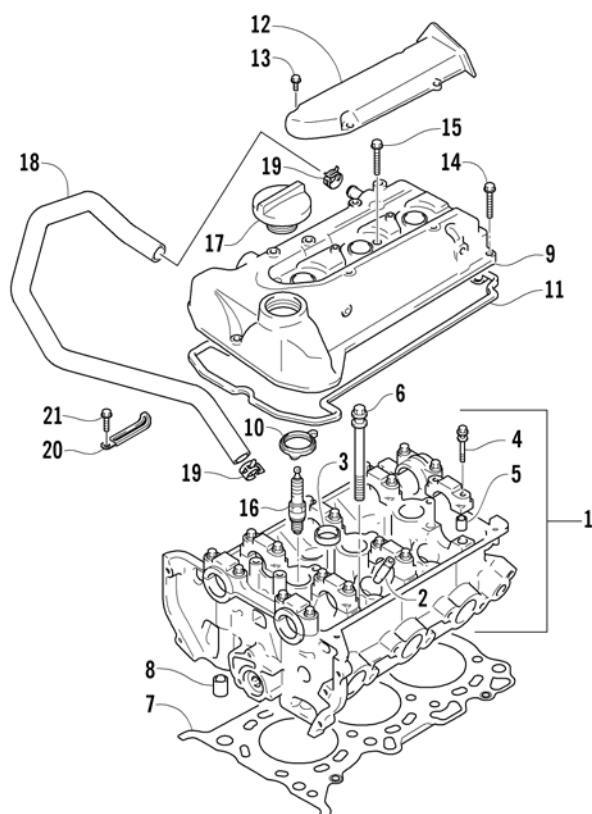


DRIVEN CLUTCH

(Assembly p/n 0726-199)

0739-053

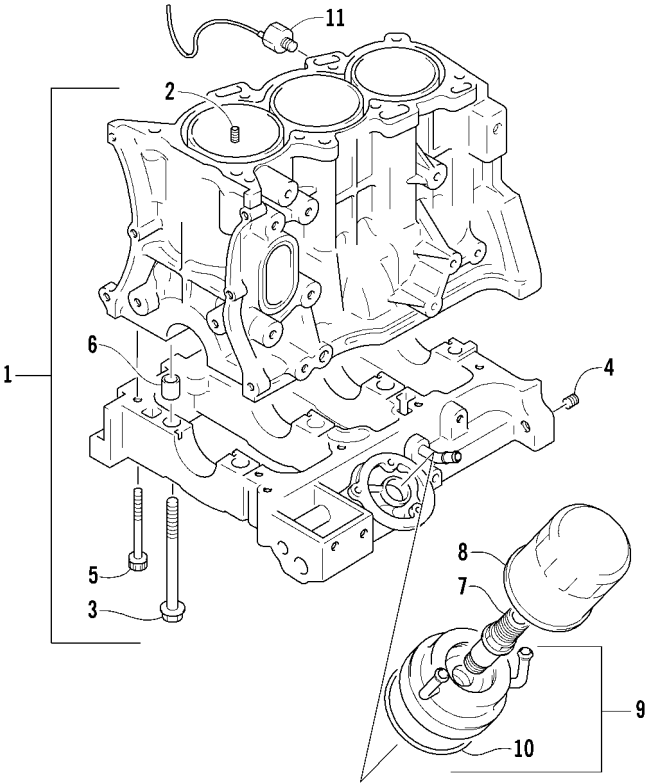
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	0748-595	1	Cover, Torque Bracket (inc. 2-3)	9	<u>0748-615</u>	1	Sheave, Stationary (inc. 10-12)
2	0648-433	1	● Ring, Snap	10	0648-097	6	● Pin, Cam Roller
3	0648-009	1	● Bearing	11	0648-139	6	● Roller, Cam
4	1623-074	3	Screw, Machine	12	8070-224	6	● Pin, Spring
5	0648-439	1	Adjuster, Spring	13	0648-688	1	Retainer, Torque Bracket
6	0648-662	1	Spring, Driven Clutch - Platinum	14	0748-591	1	Sheave, Movable
7	0648-437	1	Seat, Spring	15	1623-258	6	Screw, Machine
8	0648-679	1	Bracket, Torque 50°/36°	16	<u>0648-720</u>	1	Spacer



CYLINDER HEAD ASSEMBLY

0739-158

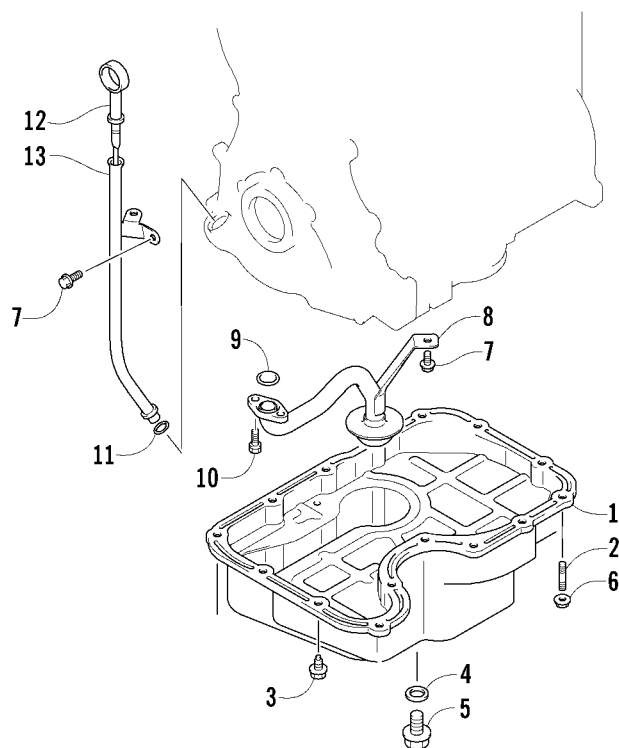
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-757	1	Cylinder Head Assembly (inc. 2-5)	12	3006-856	1	Cover, Coil
2	3006-132	12	● Guide, Valve	13	3006-101	4	Bolt, Coil Cover
3	3004-782	2	● Plug	14	3004-756	5	Bolt, Cylinder Head Cover
4	3006-134	17	● Bolt, Camshaft Cap	15	3423-119	1	Bolt, Cylinder Head Cover
5	3423-043	14	● Pin, Camshaft Cap Dowel	16	0217-719	3	Spark Plug (NGK KR8AI)
6	3006-133	8	Bolt, Camshaft Housing	17	<u>3006-952</u>	1	Cap, Oil Filler
7	3006-559	1	Gasket, Cylinder Head	18	3006-758	1	Hose, Breather
8	3006-115	2	Pin, Dowel	19	3008-488	2	Clamp, Hose
9	3006-136	1	Cover, Cylinder Head	20	3006-580	1	Clamp, Wire
10	3006-137	3	Gasket, Spark Plug Hole	21	3004-338	1	Bolt
11	3006-138	1	Gasket, Cylinder Head Cover				



CYLINDER BLOCK/BASE ASSEMBLY

0739-159

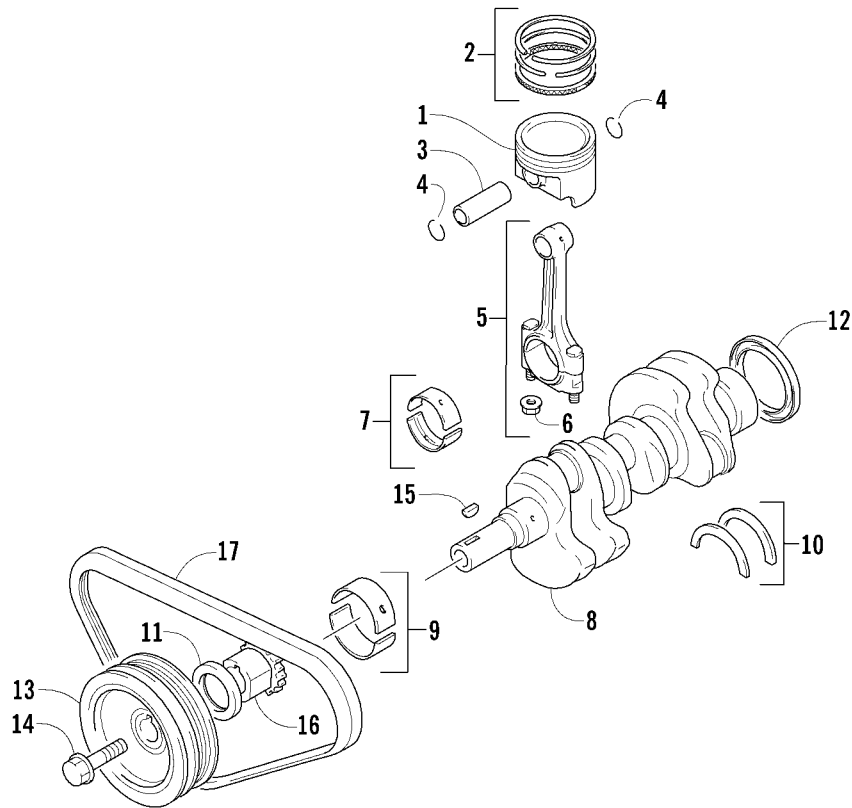
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-964	1	Cylinder Block/Base Assembly (inc. 2-6)	7	3006-564	1	Stand, Oil Filter
2	3006-131	1	● Plug, Oil Venturi	8	3005-948	1	Filter, Oil - Assembly
3	3006-133	8	● Bolt	9	3006-565	1	Cooler, Oil (inc. 10)
4	3006-116	1	● Plug, Oil Gallery	10	3006-566	1	● Gasket
5	3006-141	8	● Bolt	11	3006-886	1	Sensor, Knock - Assembly
6	3423-088	4	● Pin, Dowel				



OIL PAN ASSEMBLY

0739-350

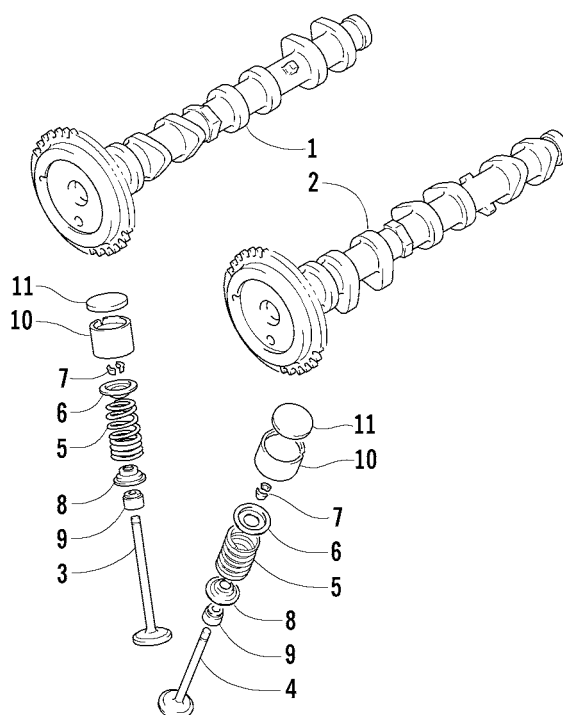
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3006-956</u>	1	Pan, Oil	8	3006-223	1	Strainer, Oil Pump
2	3006-105	3	Bolt, Stud	9	3006-123	1	O-Ring
3	3006-107	12	Bolt	10	3004-383	2	Bolt
4	3006-113	1	Gasket	11	3006-122	1	O-Ring
5	3006-118	1	Plug, Oil Drain	12	3006-882	1	Stick, Oil Level
6	3004-488	3	Nut	13	3006-568	1	Tube, Oil Level Stick
7	3004-338	2	Bolt				



CRANKSHAFT ASSEMBLY

0739-345 *Optional

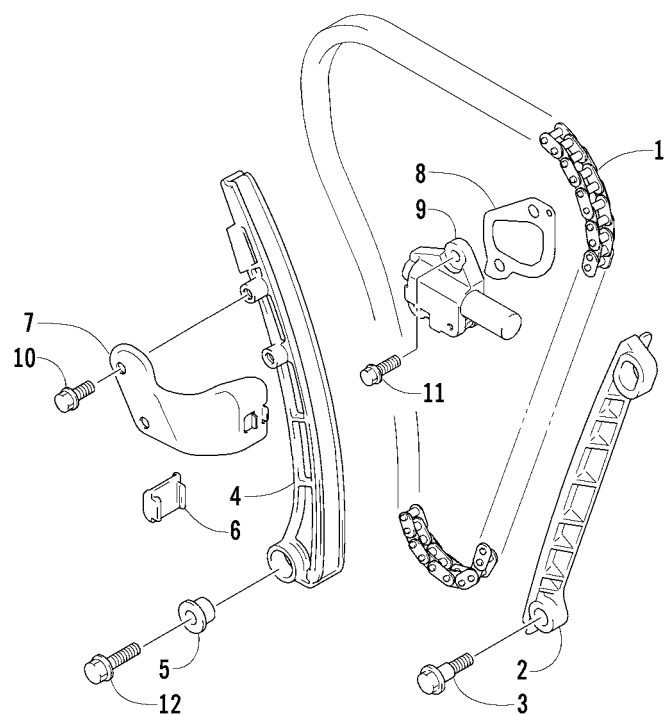
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-761	3	Piston (Mark 1)	10	3006-157	1	Bearing Set - Crankshaft Thrust
	3006-762	3	Piston (Mark 2)		3006-299	1	Bearing Set - Crankshaft Thrust (Undersized)
	3006-760	3	Piston (Oversized 0.5 mm)*	11	0693-562	1	Seal, Oil - Crankshaft - Front
2	3006-859	3	Ring Set, Piston	12	3006-124	1	Seal, Oil - Crankshaft - Rear
	3006-860	3	Ring Set, Piston (Oversized 0.5 mm)*	13	3006-158	1	Pulley, Crankshaft
3	3006-763	3	Pin, Piston	14	3006-159	1	Bolt
4	3423-069	6	Circlip	15	3004-540	1	Key
5	3006-764	3	Connecting Rod Assembly (inc. 6)	16	3006-765	1	Sprocket, Crankshaft Timing
6	3006-110	6	● Nut	17	3006-295	1	Belt, Engine
7	3006-861	6	Bearing, Connecting Rod				
8	3006-151	1	Crankshaft				
9	3006-863	4	Bearing Set - Green				
	3006-864	4	Bearing Set - Black				
	3006-865	4	Bearing Set - No Color				
	3006-866	4	Bearing Set - Yellow				
	3006-862	4	Bearing Set - Brown				



CAMSHAFT/VALVE ASSEMBLY

0739-344

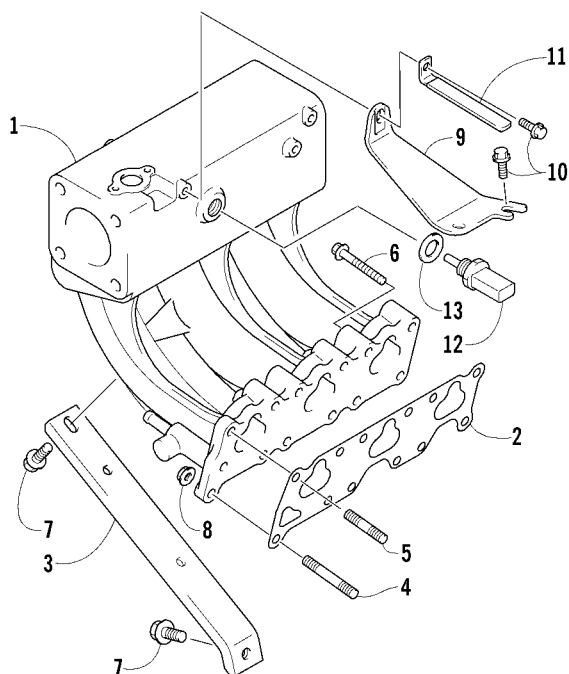
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-766	1	Camshaft, Intake		3006-789	AR	Shim, Tappet - 2.50 mm
2	3006-767	1	Camshaft, Exhaust		3006-790	AR	Shim, Tappet - 2.52 mm
3	3006-815	6	Valve, Intake		3006-791	AR	Shim, Tappet - 2.54 mm
4	3006-199	6	Valve, Exhaust		3006-792	AR	Shim, Tappet - 2.56 mm
5	3006-576	12	Spring, Valve		3006-793	AR	Shim, Tappet - 2.58 mm
6	3006-201	12	Retainer		3006-794	AR	Shim, Tappet - 2.60 mm
7	0693-281	24	Cotter, Valve		3006-795	AR	Shim, Tappet - 2.62 mm
8	3006-203	12	Seat, Spring		3006-796	AR	Shim, Tappet - 2.64 mm
9	3006-125	12	Seal, Valve Stem		3006-797	AR	Shim, Tappet - 2.66 mm
10	3006-772	12	Tappet		3006-798	AR	Shim, Tappet - 2.68 mm
11	3006-773	AR	Shim, Tappet - 2.18 mm		3006-799	AR	Shim, Tappet - 2.70 mm
	3006-774	AR	Shim, Tappet - 2.20 mm		3006-800	AR	Shim, Tappet - 2.72 mm
	3006-775	AR	Shim, Tappet - 2.22 mm		3006-801	AR	Shim, Tappet - 2.74 mm
	3006-776	AR	Shim, Tappet - 2.24 mm		3006-802	AR	Shim, Tappet - 2.76 mm
	3006-777	AR	Shim, Tappet - 2.26 mm		3006-803	AR	Shim, Tappet - 2.78 mm
	3006-778	AR	Shim, Tappet - 2.28 mm		3006-804	AR	Shim, Tappet - 2.80 mm
	3006-779	AR	Shim, Tappet - 2.30 mm		3006-805	AR	Shim, Tappet - 2.82 mm
	3006-780	AR	Shim, Tappet - 2.32 mm		3006-806	AR	Shim, Tappet - 2.84 mm
	3006-781	AR	Shim, Tappet - 2.34 mm		3006-807	AR	Shim, Tappet - 2.86 mm
	3006-782	AR	Shim, Tappet - 2.36 mm		3006-808	AR	Shim, Tappet - 2.88 mm
	3006-783	AR	Shim, Tappet - 2.38 mm		3006-809	AR	Shim, Tappet - 2.90 mm
	3006-784	AR	Shim, Tappet - 2.40 mm		3006-810	AR	Shim, Tappet - 2.92 mm
	3006-785	AR	Shim, Tappet - 2.42 mm		3006-811	AR	Shim, Tappet - 2.94 mm
	3006-786	AR	Shim, Tappet - 2.44 mm		3006-812	AR	Shim, Tappet - 2.96 mm
	3006-787	AR	Shim, Tappet - 2.46 mm		3006-813	AR	Shim, Tappet - 2.98 mm
	3006-788	AR	Shim, Tappet - 2.48 mm		3006-814	AR	Shim, Tappet - 3.00 mm



CAM CHAIN ASSEMBLY

0739-343

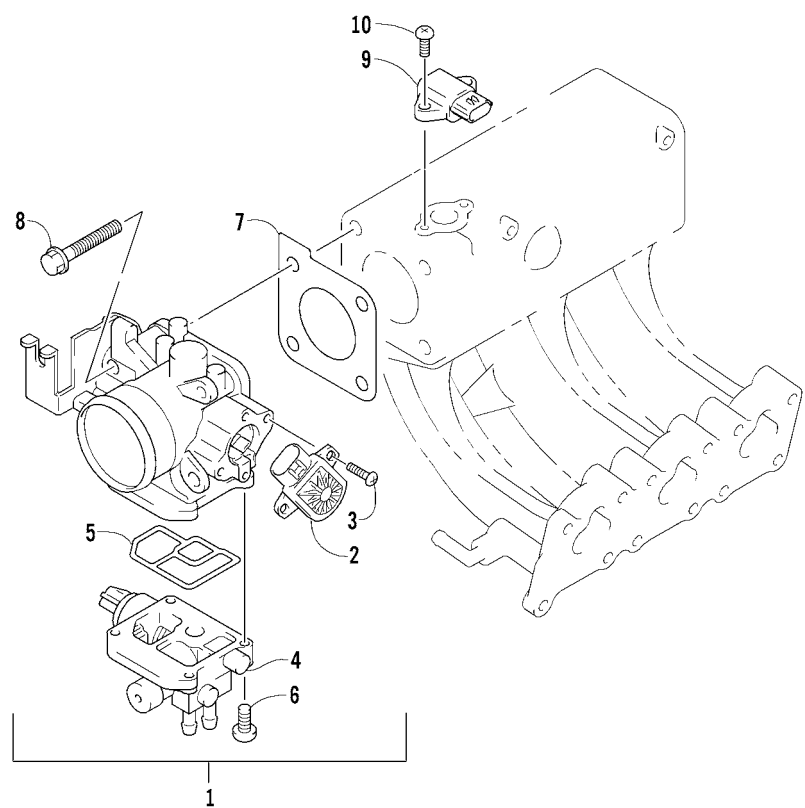
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-163	1	Chain, Timing	7	3006-169	1	Link
2	3006-164	1	Guide, Chain	8	3006-951	1	Gasket, Tension Adjuster
3	3006-165	2	Bolt	9	3006-959	1	Adjuster, Tensioner - Assembly
4	3006-768	1	Tensioner, Chain	10	3004-338	2	Bolt
5	3006-167	1	Spacer	11	3004-341	2	Bolt
6	3006-168	1	Pad	12	3423-175	1	Bolt



INTAKE MANIFOLD ASSEMBLY

0740-032

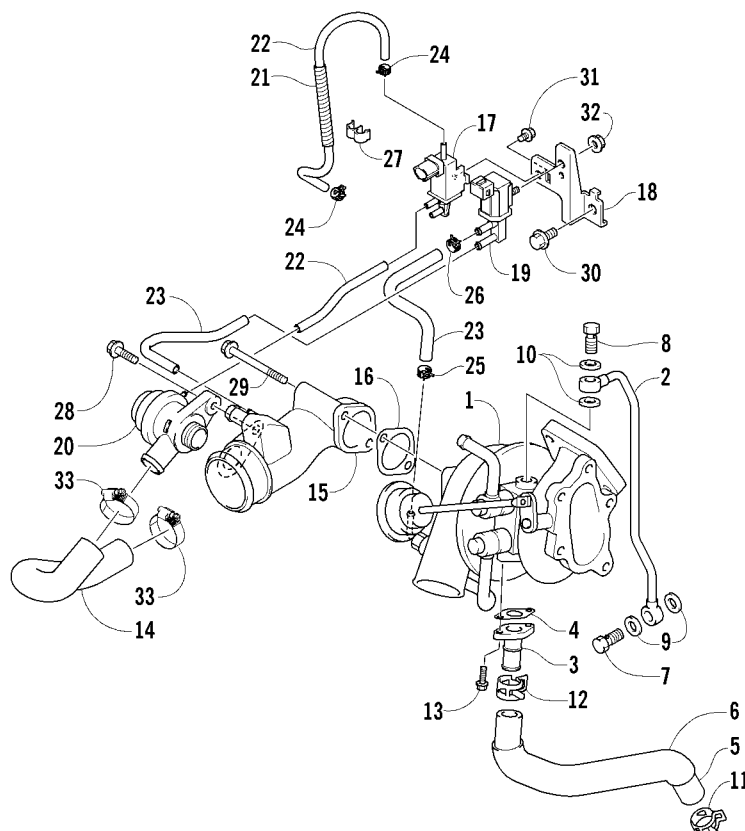
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-816	1	Manifold, Intake	8	3004-488	8	Nut
2	3006-205	1	Gasket	9	3006-578	1	Bracket, Stiffener
3	3006-206	1	Bracket, Stiffener	10	3006-579	3	Bolt
4	3006-372	7	Bolt, Stud	11	3006-580	1	Clamp
5	3006-373	1	Bolt, Stud	12	3006-869	1	Sensor, Air Temperature
6	3004-426	4	Bolt	13	3006-850	1	Gasket
7	3004-630	2	Bolt				



THROTTLE BODY ASSEMBLY

0739-164

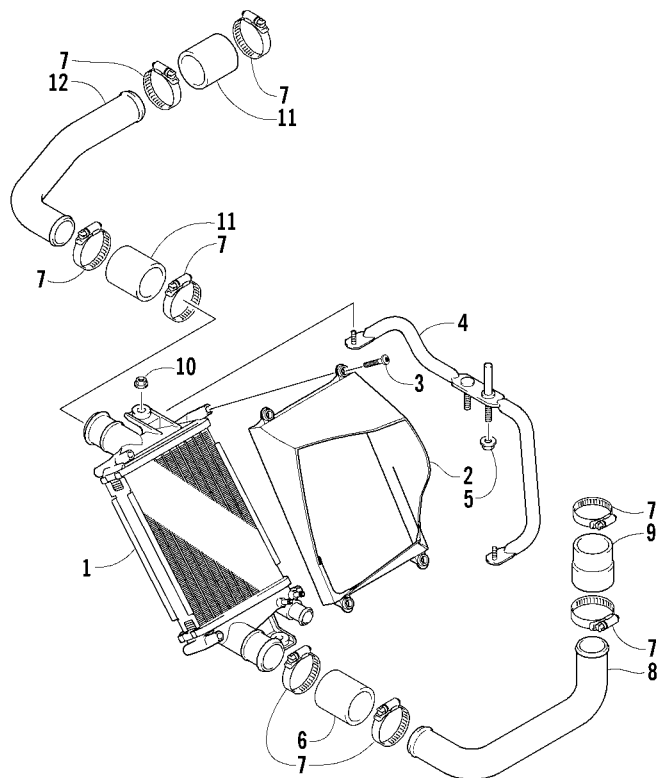
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-817	1	Throttle Body Assembly (inc. 2-6)	6	3006-211	4	● Screw
2	3006-651	1	● Sensor, Throttle Position	7	3006-209	1	Gasket
3	3006-652	2	● Screw, Machine	8	3004-427	4	Bolt
4	3006-582	1	● Valve, ISC	9	3006-584	1	Sensor, Pressure
5	3006-215	1	● Gasket	10	1691-018	2	Screw



TURBOCHARGER ASSEMBLY

0739-919

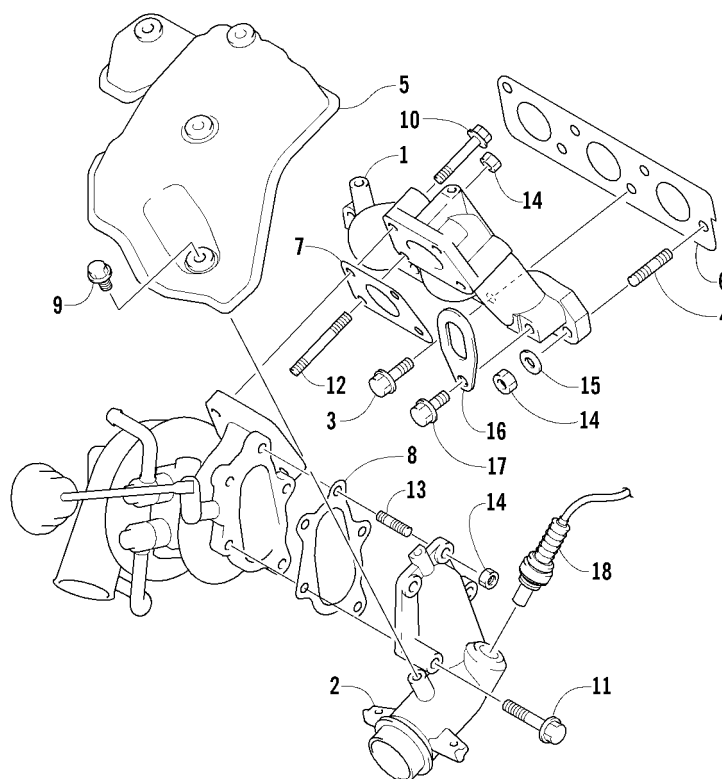
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-819	1	Turbocharger Assembly	18	3006-840	1	Bracket, Mounting
2	3306-821	1	Pipe, Oil Inlet	19	3006-884	1	Valve, Waste Gate Control
3	3006-871	1	Joint, Oil Drain	20	3006-885	1	Valve, Air Bypass
4	3006-872	1	Gasket, Oil Drain	21	3006-888	1	Tube, Protective
5	3006-822	1	Hose, Oil Drain	22	0693-929	2	Hose, Vacuum - Bypass Control Valve
6	3006-823	1	Protector	23	3006-852	2	Hose, Waste Gate Control Valve
7	3006-892	1	Bolt	24	3008-037	2	Clamp, Hose
8	3006-962	1	Bolt	25	3006-854	1	Clamp, Hose
9	3006-112	2	Gasket, Oil Inlet Pipe	26	3423-480	1	Clamp, Hose
10	3402-436	2	Gasket, Oil Inlet Pipe	27	3005-387	1	Clip, Hose
11	3006-855	1	Clamp, Hose	28	3004-376	1	Bolt
12	3008-488	1	Clamp, Hose	29	3006-893	2	Bolt
13	3004-338	2	Bolt	30	3004-630	1	Bolt
14	3006-820	1	Hose, Air Bypass	31	3004-987	1	Screw
15	3006-824	1	Pipe, Air Intake	32	3004-488	1	Nut
16	3006-874	1	Gasket, Air Intake Pipe	33	1623-182	2	Clamp, Hose
17	3006-883	1	Valve, Air Bypass Valve Control				



INTERCOOLER ASSEMBLY

0739-177

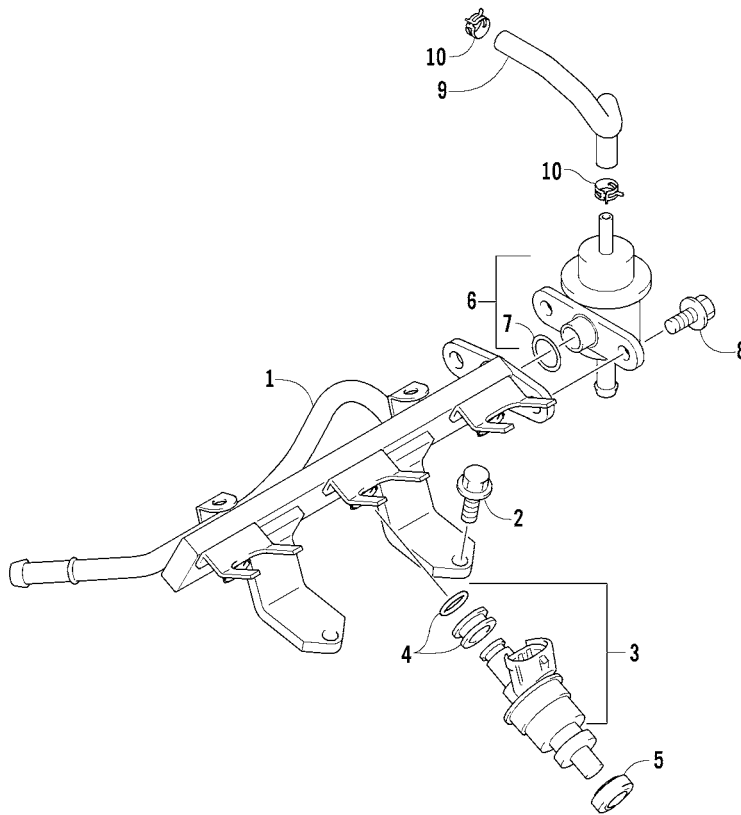
Ref. Part No. Qty. Description				Ref. Part No. Qty. Description			
1	3006-818	1	Intercooler	7	0423-066	8	Clamp, Hose
2	1670-549	1	Duct, Intercooler	8	3006-826	1	Pipe, Intercooler - Inlet
3	8471-616	4	Screw, Machine	9	3006-876	1	Hose, Intercooler - No. 3
4	3006-828	1	Bracket, Intercooler	10	3004-326	2	Nut
5	3004-491	2	Nut	11	3006-825	2	Hose, Intercooler - No. 1
6	3006-875	1	Hose, Intercooler - No. 2	12	3006-827	1	Pipe, Intercooler - Outlet



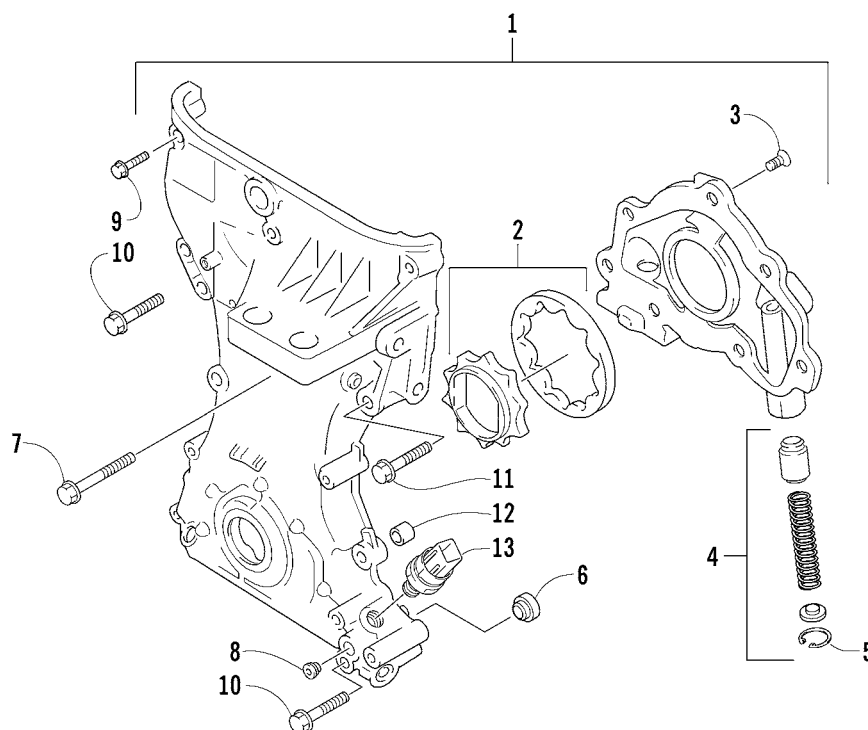
EXHAUST MANIFOLD ASSEMBLY

0739-165

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-829	1	Manifold, Exhaust	10	3006-845	2	Bolt
2	3006-830	1	Pipe, Outlet	11	3006-846	2	Bolt
3	3006-877	2	Bolt	12	3006-847	2	Bolt, Stud
4	3006-878	4	Bolt, Stud	13	3006-848	3	Bolt, Stud
5	3006-831	1	Cover, Exhaust Manifold	14	3006-111	9	Nut
6	3006-879	1	Gasket, Exhaust Manifold	15	3006-849	4	Washer
7	3006-832	1	Gasket, Exhaust Manifold/Turbocharger	16	3006-857	1	Hook, Engine
8	3006-833	1	Gasket, Outlet Pipe	17	3004-630	1	Bolt
9	3006-754	4	Bolt	18	3006-588	1	Sensor, Oxygen



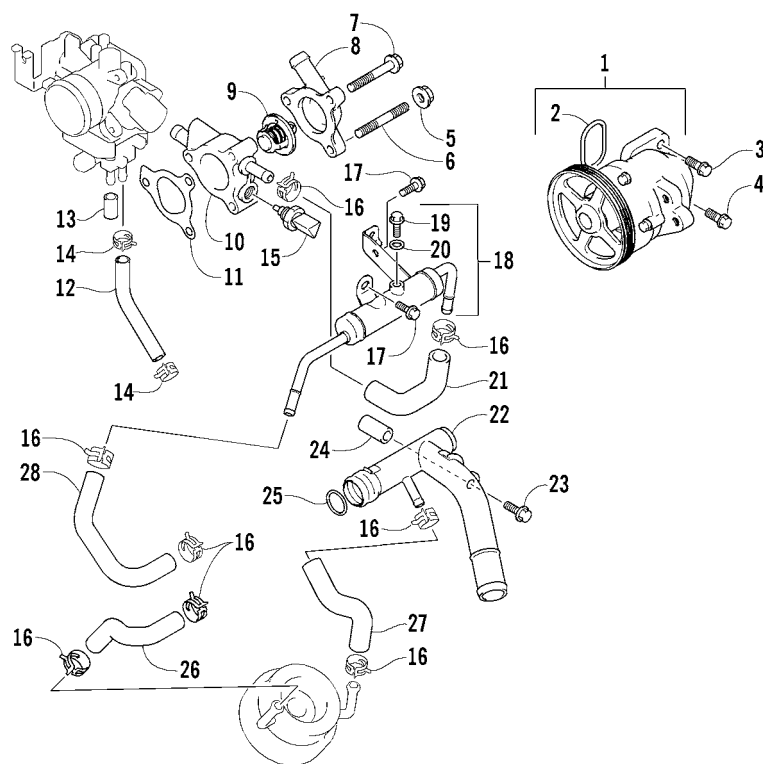
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-835	1	Pipe, Delivery	6	3006-880	1	Regulator (inc. 7)
2	3004-377	2	Bolt	7	3006-881	1	● O-Ring
3	3006-834	3	Injector, Fuel - Assembly (inc. 4)	8	3004-338	2	Bolt
4	3006-237	3	● Grommet Set	9	0693-929	AR	Hose, Vacuum
5	3006-126	3	Cushion	10	3008-037	2	Clamp, Hose



TIMING CHAIN COVER/OIL PUMP ASSEMBLY

0739-341

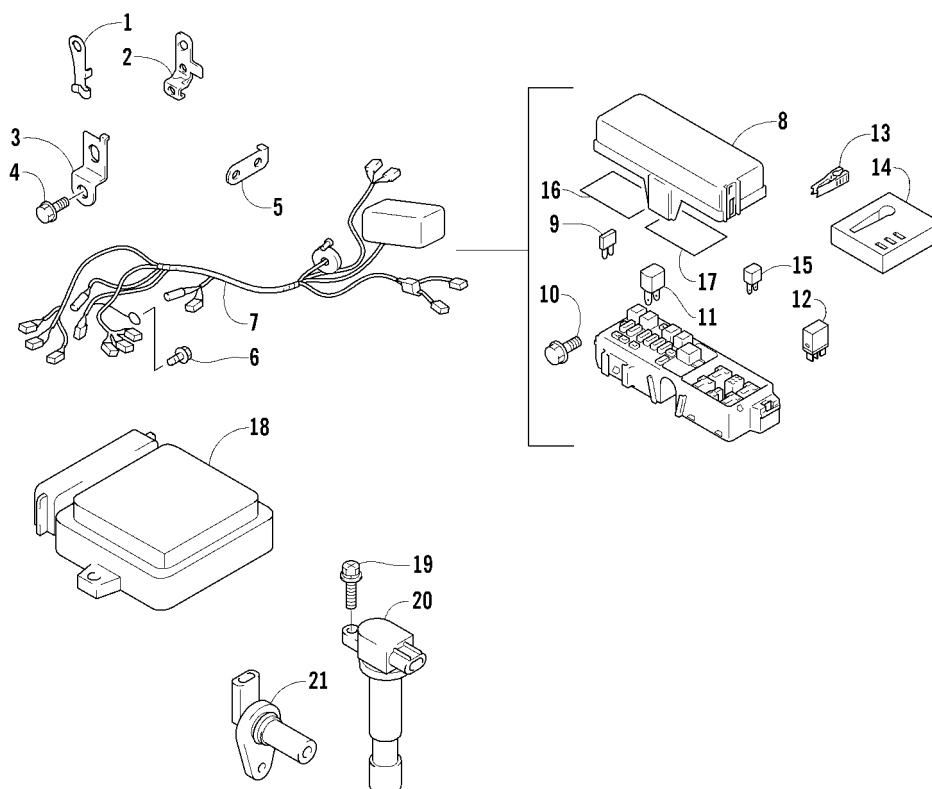
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-219	1	Timing Chain Cover/Oil Pump Assembly (inc. 2-5)	7	3006-755	1	Bolt
2	3006-220	1	● Rotor Set	8	3423-386	1	Plug
3	3004-284	7	● Screw	9	3008-376	6	Bolt
4	3006-221	1	● Valve Set (inc. 5)	10	3004-427	4	Bolt
5	3006-374	1	● ● Circlip	11	3004-948	5	Bolt
6	3006-592	1	Filter, Oil Gallery	12	3005-206	2	Pin, Dowel
				13	3006-844	1	Switch, Oil Pressure - Assembly



WATER PUMP AND THERMOSTAT ASSEMBLIES

0739-167

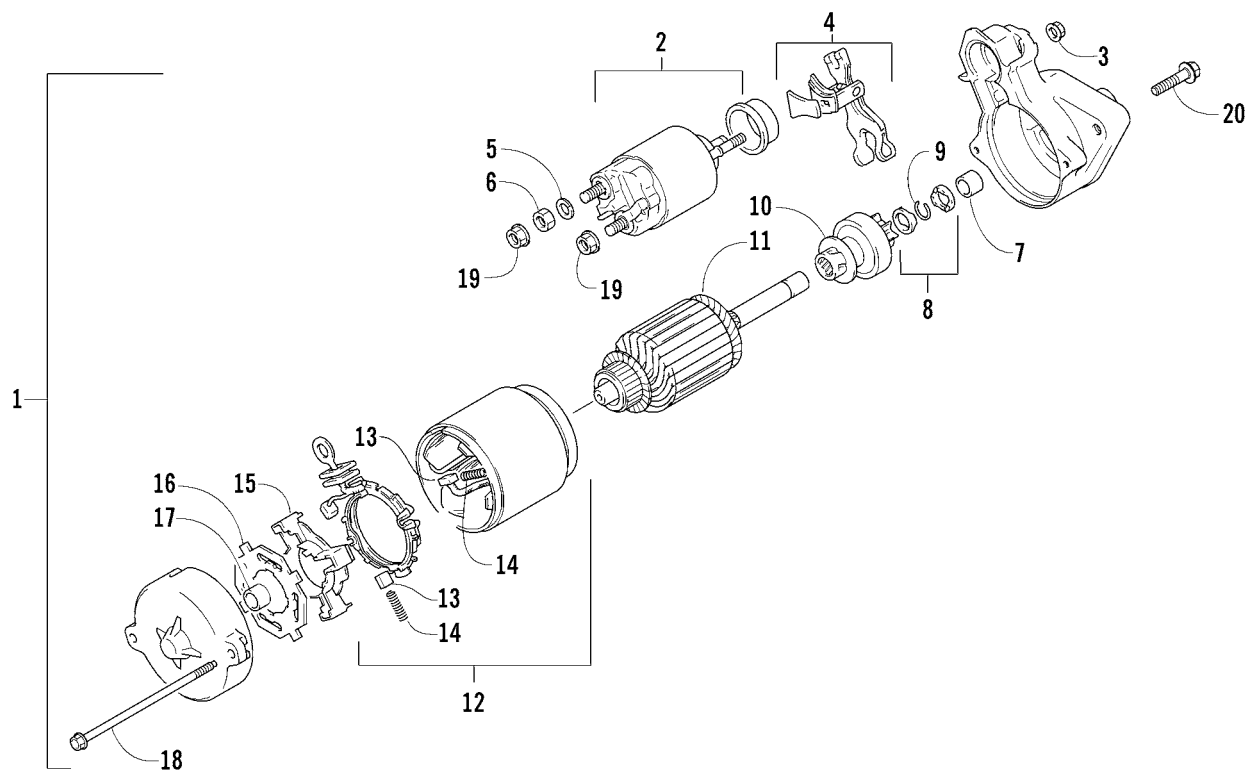
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-910	1	Water Pump (inc. 2)	15	3006-212	1	Sensor, Water Temperature
2	3006-953	1	● O-Ring	16	3006-602	8	Clamp, Hose
3	3008-533	2	Bolt	17	3004-338	2	Bolt
4	3004-948	2	Bolt	18	3006-839	1	Tank, Water (inc. 19-20)
5	3004-326	2	Nut	19	3006-598	1	● Union, Air Vent
6	3006-375	2	Bolt, Stud	20	3006-599	1	● Gasket
7	3004-370	1	Bolt	21	3006-595	1	Hose - Thermostat/Water Tank
8	3006-228	1	Cap, Thermostat	22	3006-594	1	Pipe, Water Inlet
9	3006-230	1	Thermostat	23	0693-303	1	Bolt
10	3006-836	1	Case, Thermostat	24	3006-114	1	Spacer
11	3006-232	1	Gasket	25	3006-234	1	O-Ring
12	3006-600	1	Hose - Throttle Body/Intake Manifold	26	3006-838	1	Hose - Turbocharger/Oil Cooler
13	3006-120	1	Plug	27	3006-596	1	Hose - Oil Cooler/Inlet Pipe
14	3006-128	2	Clamp, Hose	28	3006-837	1	Hose - Water Tank/Turbocharger



ELECTRICAL

0739-171

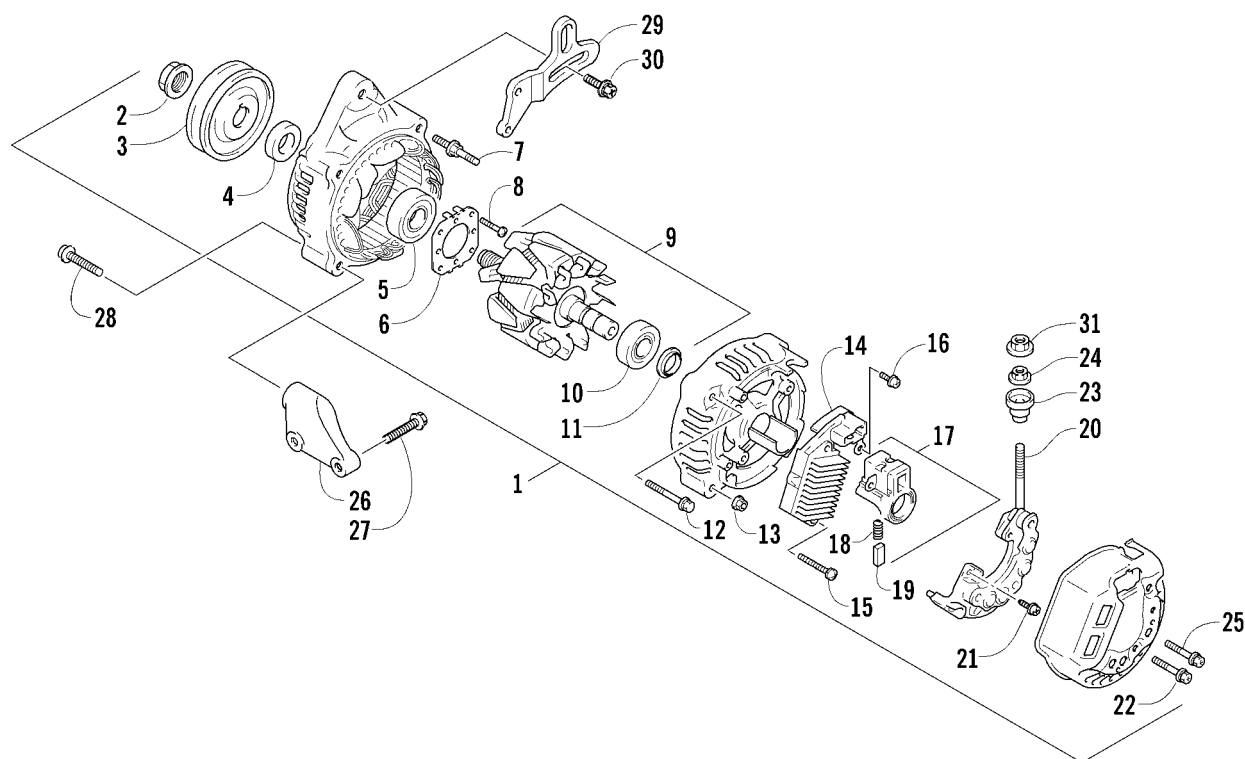
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-290	1	Clamp, Oil Pressure Switch	11	3006-370	1	● Fuse (80 Amp)
2	3006-287	1	Bracket, Chain Cover	12	3006-294	5	● Relay
3	3006-609	1	Bracket, Coil	13	3006-607	1	● Puller, Fuse
4	3004-338	1	Bolt	14	3006-608	1	● Holder, Spare Fuse
5	3006-284	1	Bracket, Engine Harness	15	*	1	Resistor
6	3004-705	1	Bolt, Ground	16	5611-859	1	Decal, Fuse Box
7	<u>3006-965</u>	1	Harness Assembly (inc. 8-14)	17	5611-860	1	Decal, Fuse Box
8	3006-288	1	● Cover, Fuse Box	18	<u>3006-963</u>	1	Controller, Injection
9	3006-368	5	● Fuse (15 Amp)	19	3006-756	3	Bolt
	3006-369	1	● Fuse (30 Amp)	20	3006-280	3	Coil, Ignition
10	3006-109	2	● Bolt	21	3006-279	1	Sensor, Cam Position - Assembly
				*Resistor is coded to engine; see dealer to determine part number.			



STARTER MOTOR ASSEMBLY

0739-355

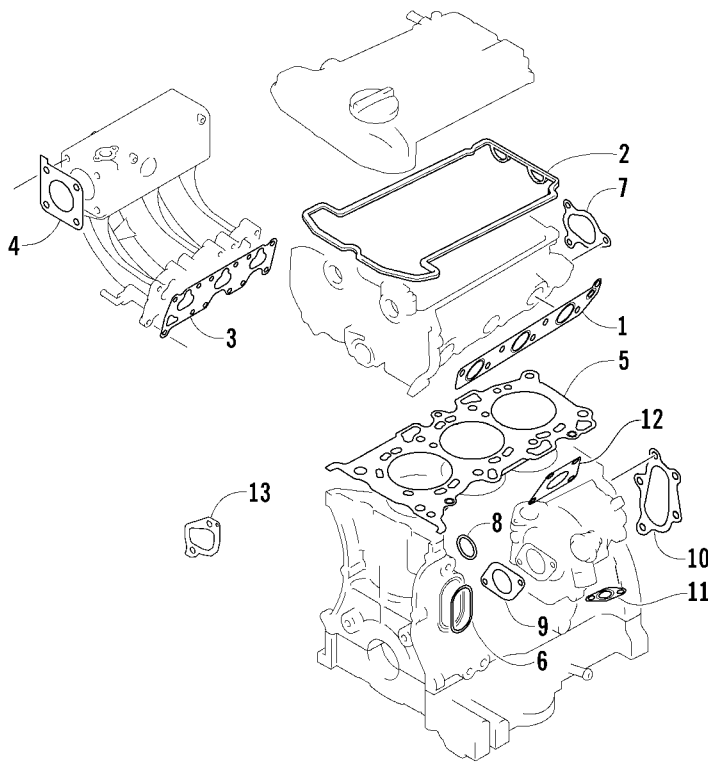
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-244	1	Motor, Starter - Assembly (inc. 2-18 and one No. 19)	11	3006-258	1	● Armature
2	3006-255	1	● Switch Assembly	12	3006-246	1	● Commutator Assembly (inc. 13)
3	3004-488	2	● Nut	13	3006-247	4	● ● Brush
4	3006-254	1	● Lever, Pinion Drive	14	3006-248	4	● Spring, Brush
5	3004-280	1	● Washer, Lock	15	3006-252	1	● Holder, Brush
6	3004-334	1	● Nut	16	3006-253	1	● Insulator
7	3006-249	1	● Bushing	17	3006-251	1	● Bushing
8	3006-257	1	● Nut, Pinion Stop (inc. 9)	18	3006-256	2	● Through-Bolt
9	3006-259	1	● Ring, Snap	19	3004-326	2	● Nut
10	3006-260	1	● Pinion Assembly	20	8408-820	2	Screw, Cap



ALTERNATOR ASSEMBLY

0739-357

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-261	1	Alternator Assembly (inc. 2-25)	17	3006-612	1	● Brush Holder Assembly (inc. 18-19)
2	3006-276	1	● Nut	18	3006-271	2	● ● Spring, Brush
3	3006-250	1	● Pulley	19	3006-270	2	● ● Brush
4	3006-277	1	● Spacer	20	3006-611	1	● Rectifier Assembly
5	3006-263	1	● Bearing	21	3004-645	6	● Screw
6	3006-264	1	● Retainer, Bearing	22	3006-274	3	● Bolt
7	3006-266	2	● Bolt, Stud	23	3006-262	1	● Insulator, Terminal
8	3006-265	4	● Screw	24	3004-851	1	● Nut
9	3006-610	1	● Rotor Assembly (inc. 10-11)	25	3006-613	1	● Bolt
10	3006-267	1	● ● Bearing	26	3006-144	1	Bracket, Alternator
11	3006-268	1	● ● Cover, Bearing	27	0693-397	2	Bolt
12	3006-272	2	● Bolt	28	3006-376	1	Bolt
13	3004-853	2	● Nut	29	3006-143	1	Arm, Adjuster - Alternator
14	3006-278	1	● Regulator, Alternator - Assembly	30	3006-108	1	Bolt
15	3004-379	2	● Screw	31	3004-488	1	Nut
16	0694-025	1	● Screw				



GASKET SET

(Complete Gasket Set p/n 3006-961)

0739-923

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3006-879	1	Gasket, Exhaust Manifold	8	3006-234	1	O-Ring, Water Inlet Pipe
2	3006-138	1	Gasket, Cylinder Head Cover	9	3006-874	1	Gasket, Air Intake Pipe
3	3006-205	1	Gasket, Intake Manifold	10	3006-833	1	Gasket, Outlet Pipe
4	3006-209	1	Gasket, Throttle Body	11	3006-872	1	Gasket, Oil Drain
5	3006-559	1	Gasket, Cylinder Head	12	3006-832	1	Gasket, Exhaust Manifold/Turbocharger
6	<u>3006-953</u>	1	O-Ring, Water Pump	13	<u>3006-951</u>	1	Gasket, Adjuster
7	3006-232	1	Gasket, Thermostat Case				

RELATED ITEMS

2005 T660 Turbo

(Model No. S2005ACFTBUSB)

3639-560	Altitude Kit (Over 5000 ft)	2639-685	Luggage Rack w/o Backrest
3639-019	Cover, Machine (Storage)	2257-131	Manual, Illustrated Parts
3639-661	Cover, Machine (Deluxe)	2257-085	Manual, Operator's (E/F)
2257-231	Handbook, Safety (E/F)	3639-713	Saddlebags, Sport Touring
3639-721	Handlebar Bag	0639-540	Tether Switch
0639-456	Handlebar Muffs	3639-723	Seat Trunk
1639-507	Hitch, Pivot	3639-962	Windshield Storage Bag

■NOTE: For a complete list of related items, refer to the current accessory catalog.



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Parts available from www.Worldofpowersports.com

p/n 2257-131

217-233-1245