

2008

DVX 300 EURO



ILLUSTRATED PARTS MANUAL



MODEL NUMBER A2008KSF2BEUD (BLACK-RED)

MODEL NUMBER A2008KSF2BEUE (BLACK-CAT GREEN)

ARCTIC CAT[®]
MORE TO GO ON.[™]

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2008 ATV DVX 300 Euro

Black-Red (Model No. A2008KSF2BEUD)

Black-Cat Green (Model No. A2008KSF2BEUE)

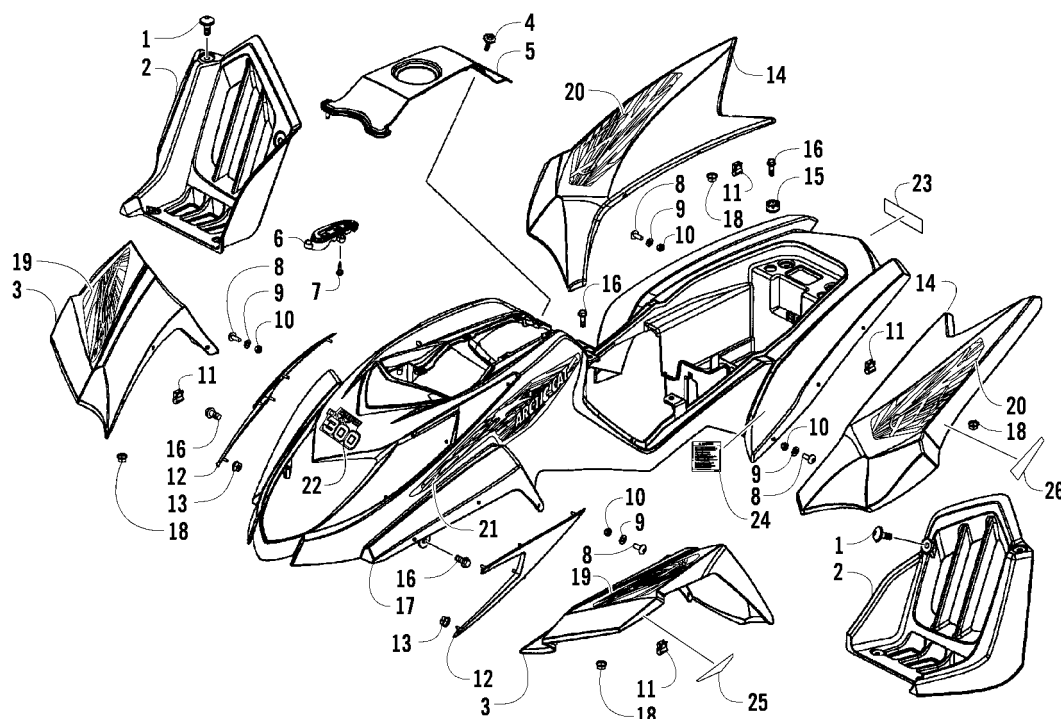
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■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2008 model year. For a complete list of related items, refer to the current accessory catalog.

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Effective April 2013

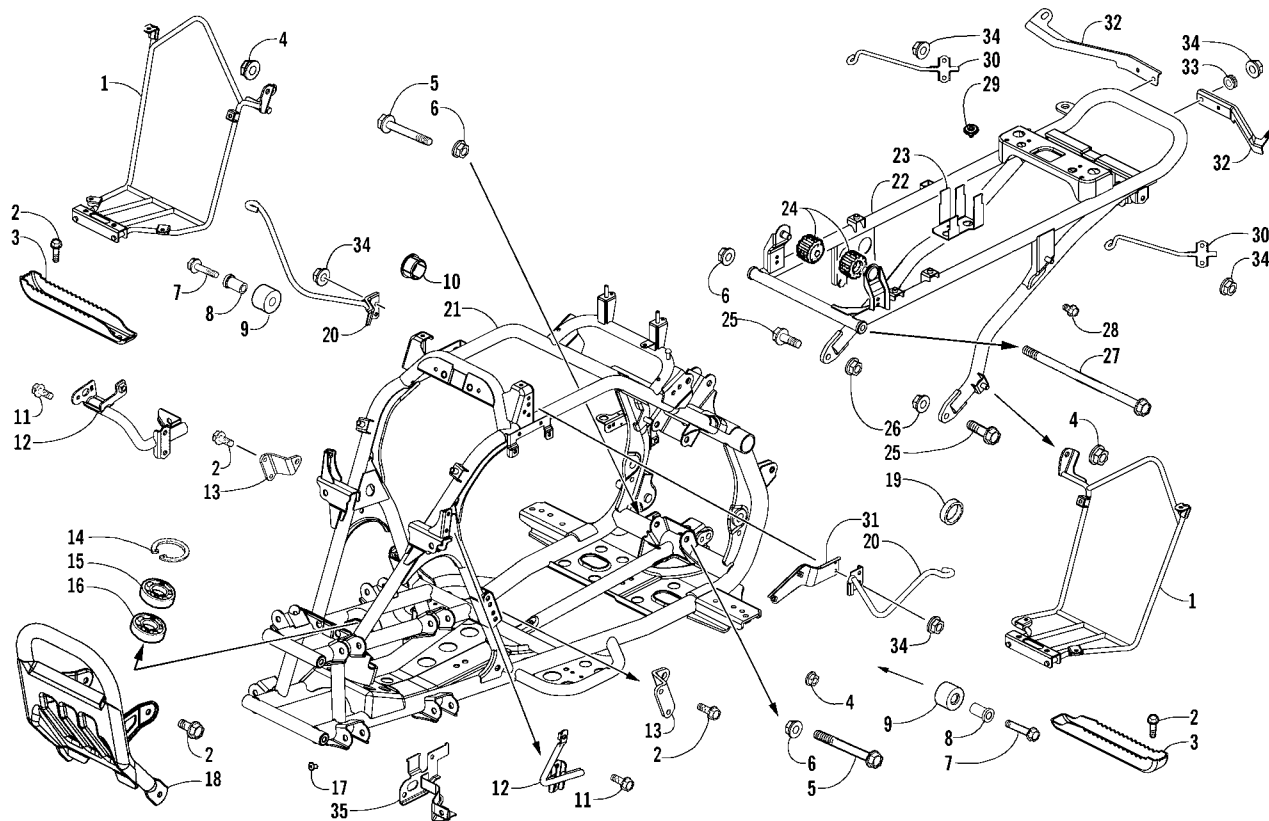
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BODY PANEL AND DECAL ASSEMBLY

0743-564

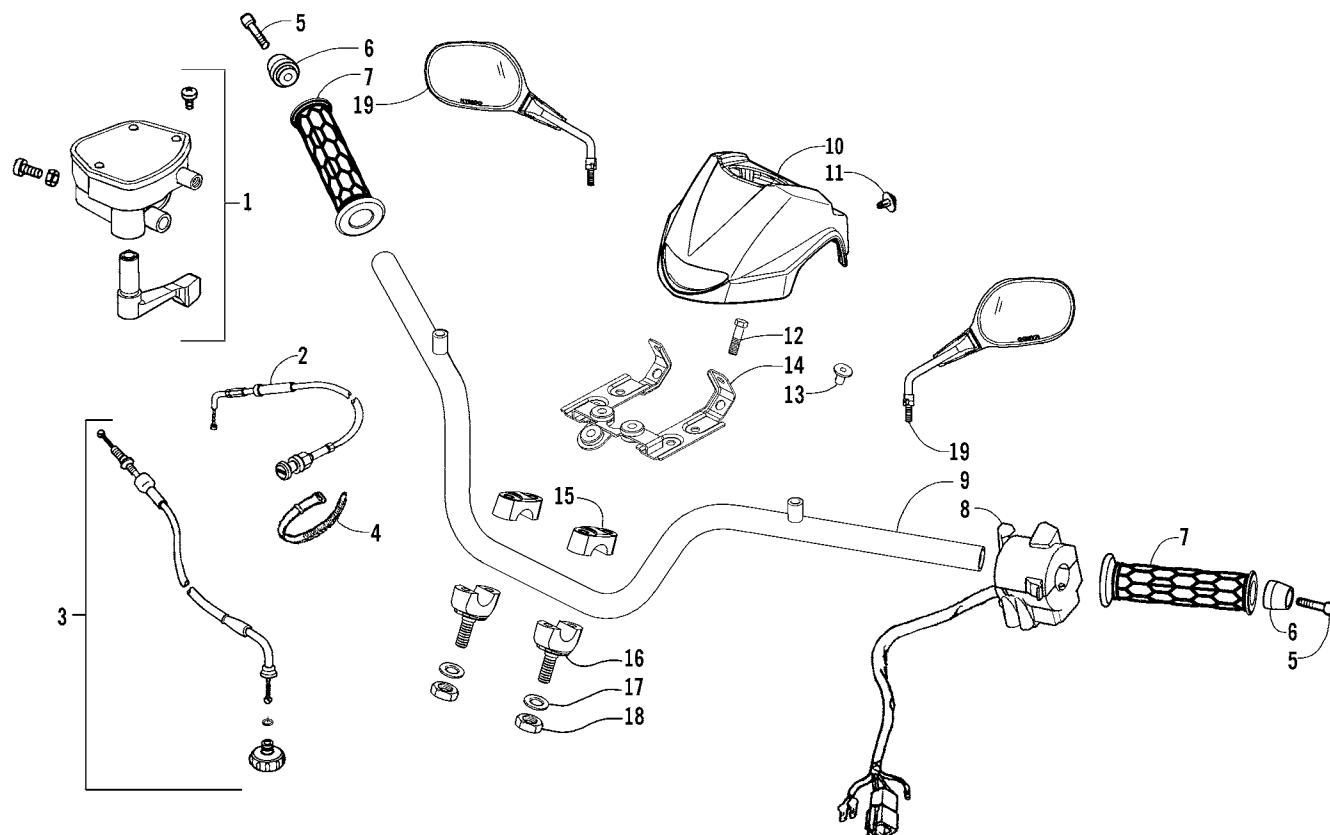
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-404	8	Screw, Body	15	3303-232	2	Rubber, Rear Fender
2	3304-395	1	Mudguard, Floor - Right	16	3304-587	7	Screw, Cap
	3304-396	1	Mudguard, Floor - Left	17	3304-379	1	Body, Main - Red
3	3304-387	1	Fender, Front - Right - Red		3304-380	1	Body, Main - Black (Black-Cat Green)
	3304-389	1	Fender, Front - Left - Red	18	3304-417	4	Nut
	3304-388	1	Fender, Front - Right - Cat Green (Black-Cat Green)	19	1411-736	1	Decal, Fender - Front - Right
	3304-390	1	Fender, Front - Left - Cat Green (Black-Cat Green)		1411-737	1	Decal, Fender - Front - Left
4	3304-029	2	Screw w/Washer		1411-740	1	Decal, Fender - Front - Right (Black-Cat Green)
5	3304-247	1	Cover, Gas Tank - Red		1411-741	1	Decal, Fender - Front - Left (Black-Cat Green)
	3304-248	1	Cover, Gas Tank - Black (Black-Cat Green)	20	1411-746	1	Decal, Fender - Rear - Right
6	3304-381	1	Guide, Shift Handle		1411-747	1	Decal, Fender - Rear - Left
7	3304-650	3	Screw, Self-Tapping		1411-750	1	Decal, Fender - Rear - Right (Black-Cat Green)
8	3304-406	12	Screw, Machine		1411-751	1	Decal, Fender - Rear - Left (Black-Cat Green)
9	3304-432	12	Washer	21	1411-770	1	Decal, Side - Right
10	3304-431	12	Nut, Lock		1411-771	1	Decal, Side - Left
11	3304-683	4	Clip, U-Nut		1411-772	1	Decal, Side - Right (Black-Cat Green)
12	3304-382	1	Panel, Trim - Right - Red		1411-773	1	Decal, Side - Left (Black-Cat Green)
	3304-385	1	Panel, Trim - Left - Red	22	1411-935	1	Decal, Crest
	3304-384	1	Panel, Trim - Right - Cat Green (Black-Cat Green)	23	0411-762	1	Decal, "Arctic Cat" - White
	3304-386	1	Panel, Trim - Left - Cat Green (Black-Cat Green)	24	1411-760	1	Decal, Warning - Passenger/Tire Pressure
13	3304-418	10	Nut	25	0411-744	1	Decal, Reflector - Front - Right
14	3304-393	1	Fender, Rear - Right - Red		0411-745	1	Decal, Reflector - Front - Left
	3304-397	1	Fender, Rear - Left - Red	26	0411-746	1	Decal, Reflector - Rear - Right
	3304-394	1	Fender, Rear - Right - Cat Green (Black-Cat Green)		0411-747	1	Decal, Reflector - Rear - Left
	3304-398	1	Fender, Rear - Left - Cat Green (Black-Cat Green)				



FRAME AND RELATED PARTS ASSEMBLY

0742-339

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-354	1	Bracket, Mounting - Fender - Right	19	3304-064	1	Seal, Dust
	3304-356	1	Bracket, Mounting - Fender - Left	20	3304-350	1	Bracket, Mounting - Fender Support - Right
2	3304-543	12	Screw, Cap		3304-351	1	Bracket, Mounting - Fender Support - Left
3	3304-346	2	Reinforcement, Floor	21	3304-716	1	Frame, Main
4	3303-332	3	Nut	22	3304-729	1	Frame, Main - Rear
5	3304-183	2	Screw, Cap	23	3304-339	1	Bracket, Mounting - Starter/Relay
6	3305-517	3	Nut	24	3304-245	2	Cushion, Gas Tank
7	3304-408	2	Screw, Cap	25	3304-181	2	Screw, Cap
8	3304-701	2	Sleeve, Collar	26	3303-333	2	Nut
9	3304-362	2	Grommet	27	3304-184	1	Screw, Cap
10	3304-658	2	End Cap	28	3304-435	2	Screw, Cap
11	3304-553	4	Screw, Cap	29	3304-057	1	Clip, Fender
12	3304-726	1	Bracket, Support - Fender - Front - Right	30	3304-348	1	Bracket, Support - Fender - Rear - Right
	3304-809	1	Bracket, Support - Fender - Front - Left		3304-349	1	Bracket, Support - Fender - Rear - Left
13	3303-938	2	Bracket, Support	31	3304-728	1	Bracket, Gas Tank
14	3304-150	1	Ring, Retaining	32	3304-725	1	Bracket, Mounting - Fender - Rear - Right
15	3304-203	1	Bearing		3304-812	1	Bracket, Mounting - Fender - Rear - Left
16	3303-298	1	Seal, Oil	33	3303-239	4	Grommet
17	3303-226	2	Collar, Fender - Front	34	3304-654	12	Nut
18	3304-399	1	Bumper, Front	35	3304-722	1	Bracket, Turn Signal Relay

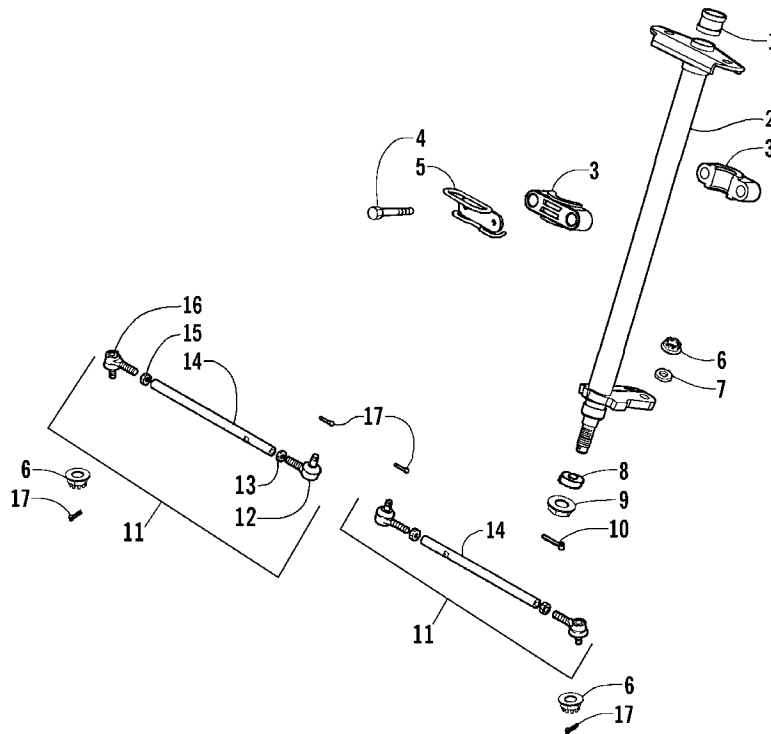


HANDLEBAR AND CONTROLS ASSEMBLY

0742-340

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-953	1	Lever, Throttle - Assembly	11	3303-592	2	Clip, Retaining
2	3305-632	1	Cable, Choke	12	3305-400	4	Screw, Cap
3	1502-297	1	Cable, Throttle - Kit	13	3303-226	2	Insert
4	3303-839	1	Cable Tie	14	3304-727	1	Bracket, Instrument Pod
5	3304-016	2	Screw, Cap	15	3303-954	2	Holder, Handlebar - Upper
6	3305-541	2	End Cap, Handlebar	16	3303-955	2	Holder, Handlebar - Lower
7	3303-203	2	Grip, Handlebar	17	3303-336	2	Washer
8	3304-736	1	Switch Assembly	18	3303-325	2	Nut
9	3304-723	1	Handlebar	19	3304-803	1	Mirror, Right - Assembly
10	3304-712	1	Instrument Pod - Black		3304-816	1	Mirror, Left - Assembly

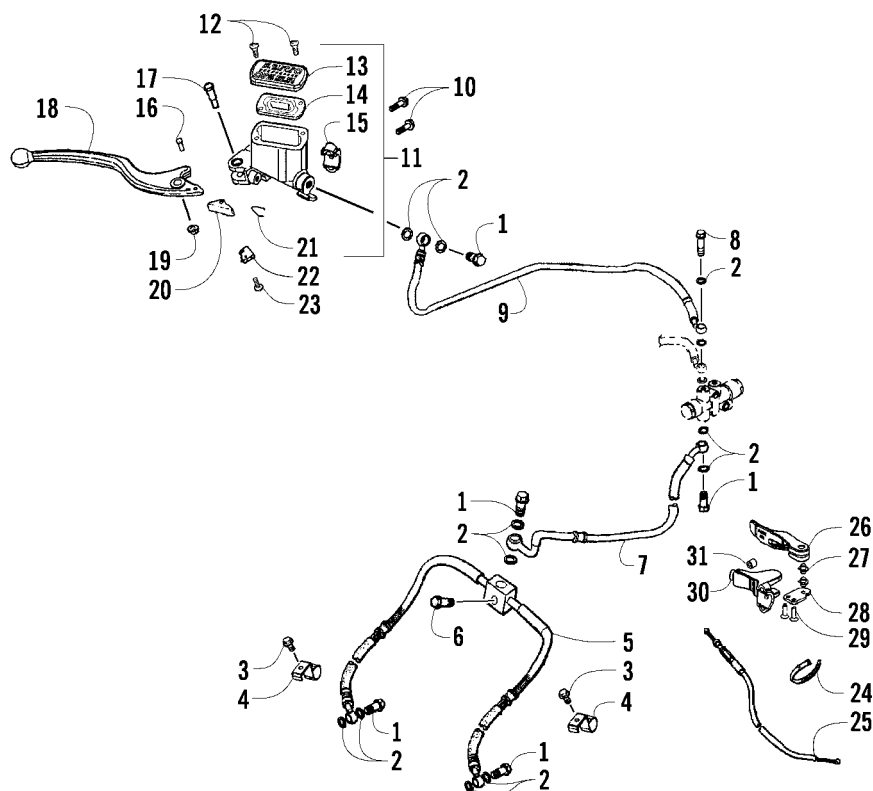
4



STEERING POST ASSEMBLY

0740-672

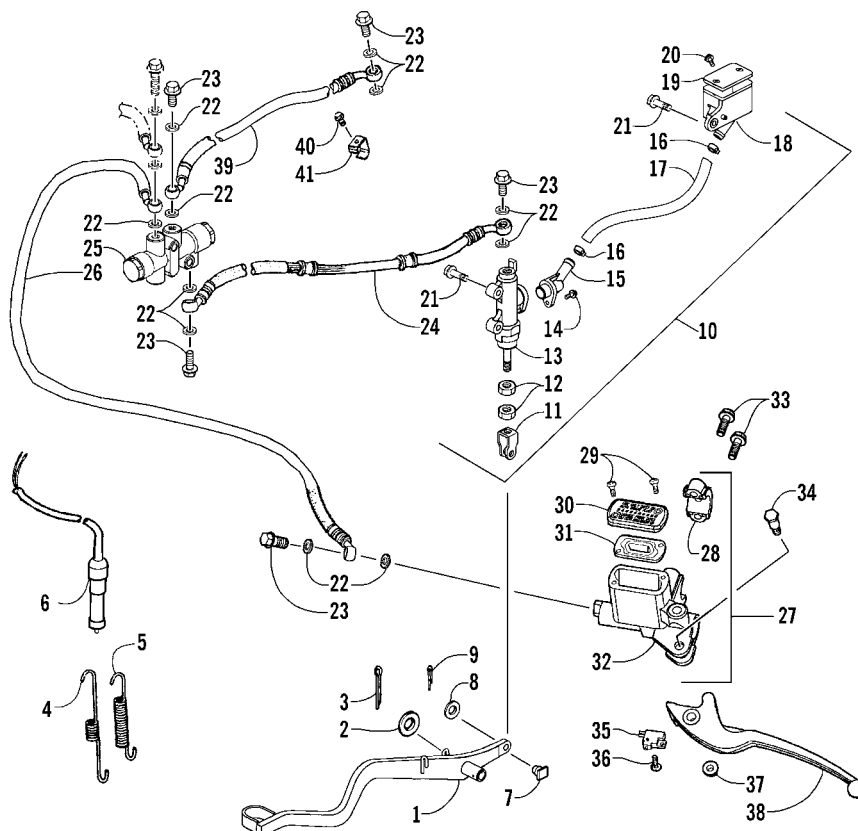
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3305-496	1	Bushing	10	3303-470	1	Pin, Cotter
2	3305-633	1	Post, Steering	11	3305-634	2	Tie Rod - Assembly (inc. 12-16)
3	3303-961	2	Block, Mounting - Steering Post	12	3303-973	2	● Ball Joint, Tie Rod - Left
4	3304-649	2	Screw, Cap	13	3303-327	2	● Nut, Hex - Left
5	3303-962	1	Clamp, Mounting Block	14	3305-635	2	● Tube, Tie Rod
6	3304-130	4	Nut, Castle	15	3303-326	2	● Nut, Hex - Right
7	3304-136	2	Washer	16	3303-971	2	● Ball Joint, Tie Rod - Right
8	3303-960	1	Collar, Steering Post - Lower	17	3304-143	4	Pin, Cotter
9	3304-032	1	Nut				



FRONT BRAKE HOSE AND HAND BRAKE ASSEMBLY

0743-523

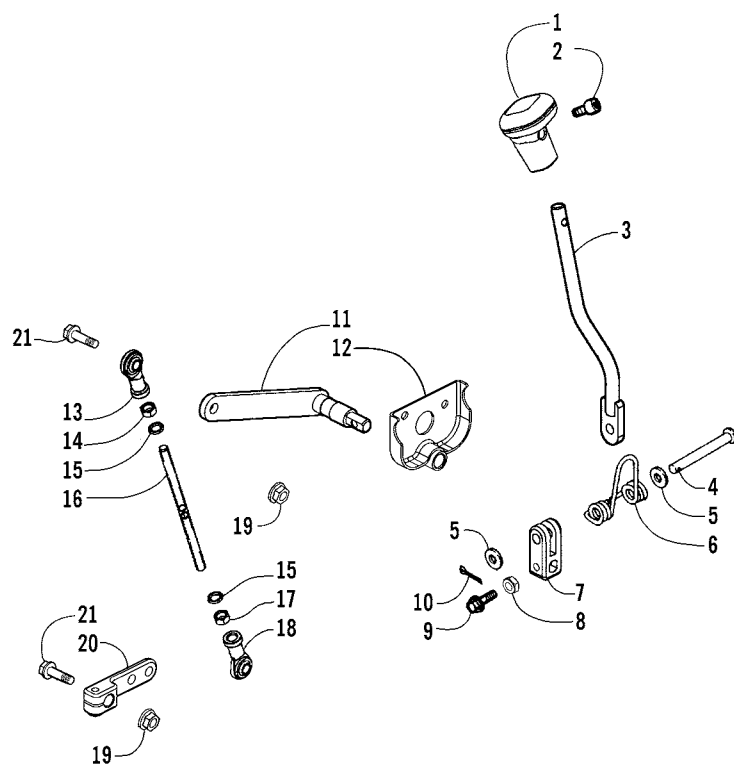
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3305-558	5	Bolt, Banjo-Fitting	16	3305-384	1	Screw, Machine
2	3303-284	11	Washer, Crush	17	3303-254	1	Screw, Cap
3	3304-553	2	Screw, Cap	18	3305-386	1	Lever, Hand Brake
4	3303-919	2	Clamp, Hose	19	3304-654	1	Nut
5	3305-636	1	Hose, Brake w/Junction Block	20	3305-382	1	Lock, Hand Brake Lever
6	3304-176	1	Screw, Cap	21	3305-383	1	Spring
7		1	Hose, Brake	22	3305-373	1	Switch, Hand Brake
8	3304-674	1	Bolt, Banjo-Fitting - Double	23	3304-427	1	Screw, Machine
9	3304-741	1	Hose, Brake	24	3303-289	AR	Tie, Cable
10	3304-746	2	Screw, Cap	25	3305-663	1	Cable, Parking Brake
11	3304-798	1	Master Cylinder, Hand Brake - Assembly - Front (inc. 12-15)	26	3305-665	1	Lever, Parking Brake
12	3305-339	2	● Screw, Machine	27	3305-666	2	Pivot
13	3305-381	1	● Cover, Master Cylinder	28	3305-667	1	Plate
14	3305-407	1	● Diaphragm, Master Cylinder	29	3305-668	2	Screw, Machine
15	3303-175	1	● Clamp, Master Cylinder	30	3305-664	1	Bracket, Mounting - Parking Brake
				31	3305-669	1	Stop, Lever - Parking Brake



REAR BRAKE HOSE, HAND BRAKE, AND FOOT BRAKE ASSEMBLY

0742-321 *Not a Service Part

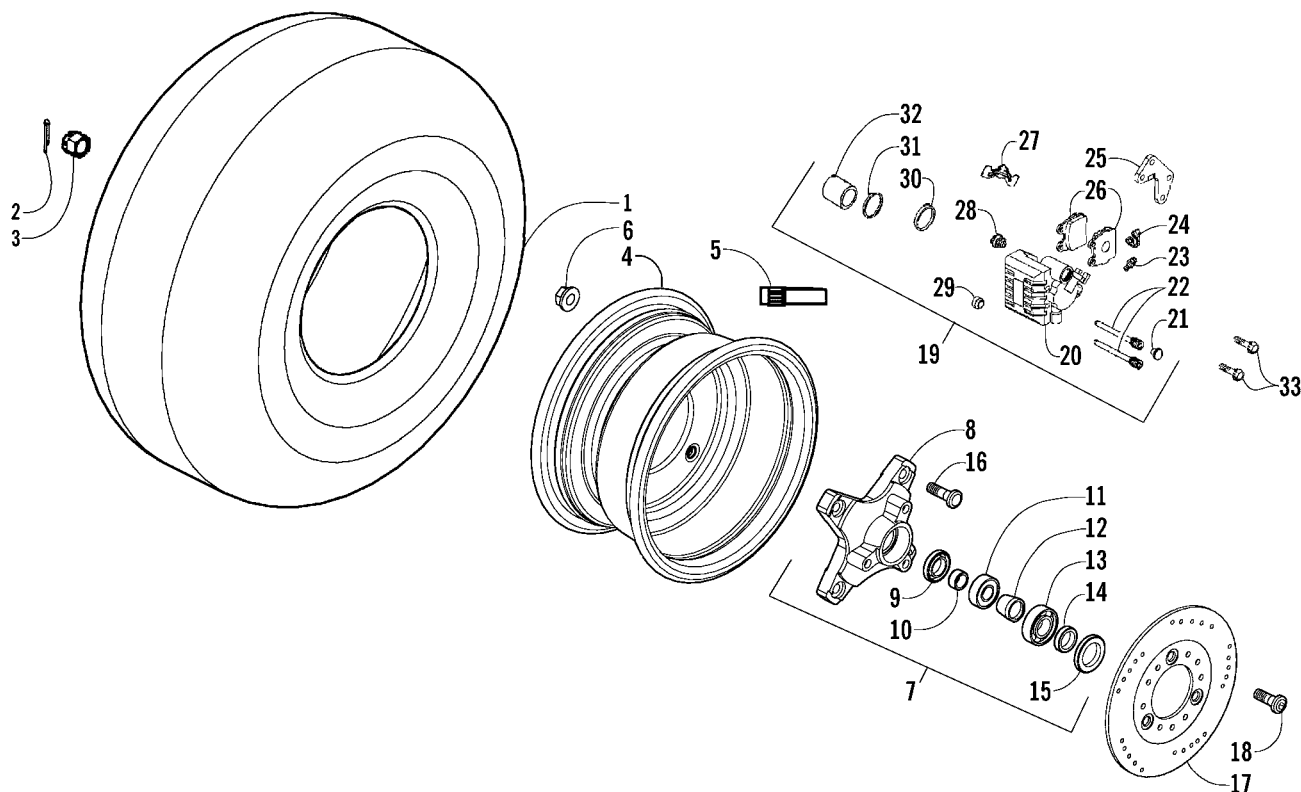
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-335	1	Lever, Brake	22	3303-284	11	Washer, Crush
2	3304-139	2	Washer	23	3305-558	5	Bolt, Banjo-Fitting
3	3304-143	1	Pin, Cotter	24	3305-375	1	Hose, Foot Brake - Assembly
4	3303-855	1	Spring, Stop - Brake Lever	25	3304-792	1	PGV Assembly
5	3303-929	1	Spring, Set - Brake Lever	26	3304-790	1	Hose, Hand Brake - Assembly - Rear
6	3304-685	1	Switch, Brake	27	3305-637	1	Master Cylinder, Hand Brake - Assembly - Rear (inc. 28-32)
7	3303-927	1	Pin, Clevis	28	3303-175	1	● Clamp, Handlebar
8	3304-050	1	Washer	29	3303-318	2	● Screw, Machine
9	3304-141	1	Pin, Cotter	30	3305-381	1	● Cover, Master Cylinder
10	3304-797	1	Master Cylinder, Foot Brake - Assembly - Rear (inc. 11-20)	31	3305-407	1	● Diaphragm, Master Cylinder
11	3303-928	1	● Actuator, Push Rod	32	*	1	● Master Cylinder
12	3304-128	2	● Nut, Jam	33	3304-746	2	Screw, Cap
13	*	1	● Master Cylinder	34	3303-254	1	Screw, Cap
14	3303-321	1	● Screw, Machine	35	3303-141	1	Switch, Hand Brake
15	3304-307	1	● Connector	36	3303-321	1	Screw, Machine
16	3303-895	2	● Clamp, Hose	37	3304-654	1	Nut
17	3304-308	1	● Hose, Brake	38	3305-388	1	Lever, Hand Brake
18	3303-896	1	● Reservoir, Brake	39	3304-742	1	Hose, Brake - Assembly - Rear
19	3304-332	1	● Cover, Reservoir	40	3304-553	1	Screw, Cap
20	3304-119	2	● Screw, Machine	41	3303-891	1	Clamp, Hose
21	3304-551	3	Screw, Cap				



SHIFT LEVER ASSEMBLY

0740-831

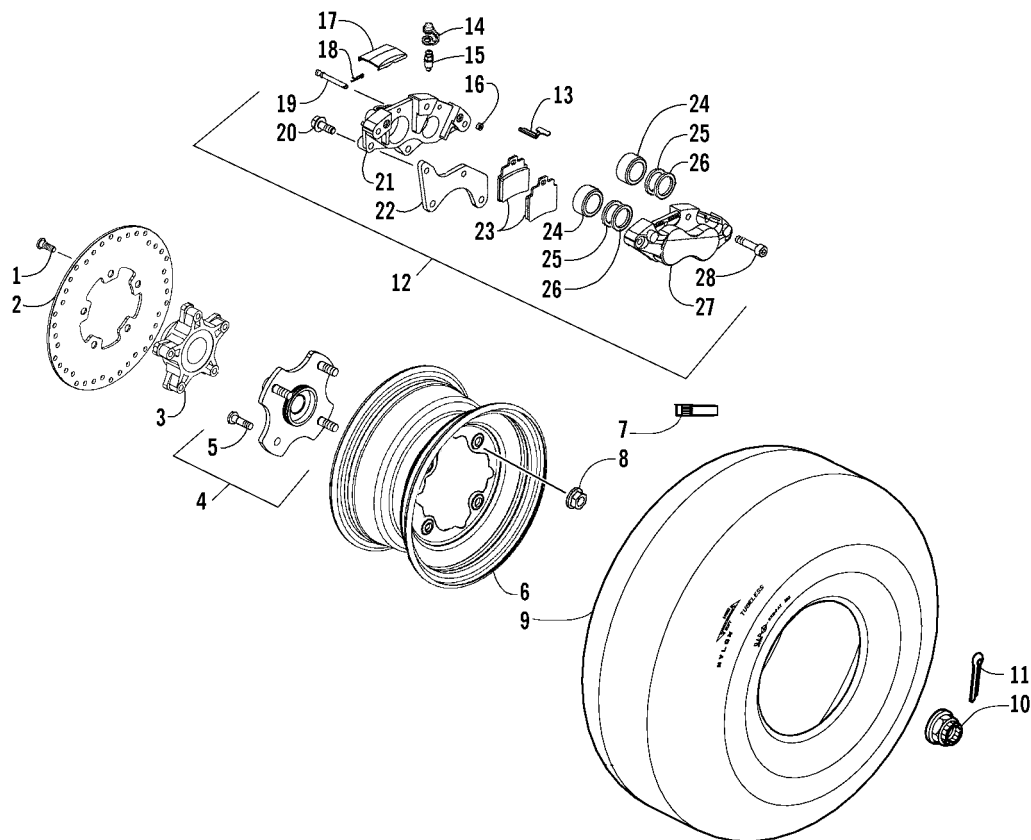
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-823	1	Handle, Gear Shift	12	3304-271	1	Cover, Gear Shift
2	3304-401	1	Screw, Cap	13	3304-377	1	Ball Joint, Tie Rod - Right
3	3304-458	1	Rod, Gear Shift	14	3304-125	1	Nut
4	3303-817	1	Pin, Gear Shift	15	3303-607	2	Washer
5	3304-138	2	Washer	16	3304-273	1	Tie Rod
6	3303-818	1	Spring	17	3304-430	1	Nut
7	3303-819	1	Bracket	18	3304-378	1	Ball Joint, Tie Rod - Left
8	3304-127	1	Nut	19	3303-332	4	Nut
9	3304-438	1	Screw, Cap	20	3304-270	1	Link, Gear Shift
10	3304-142	1	Pin, Cotter	21	3304-176	4	Screw, Cap
11	<u>3305-644</u>	1	Lever, Gear Shift				



FRONT WHEELS AND BRAKE ASSEMBLY

0741-379 *Not a Service Part

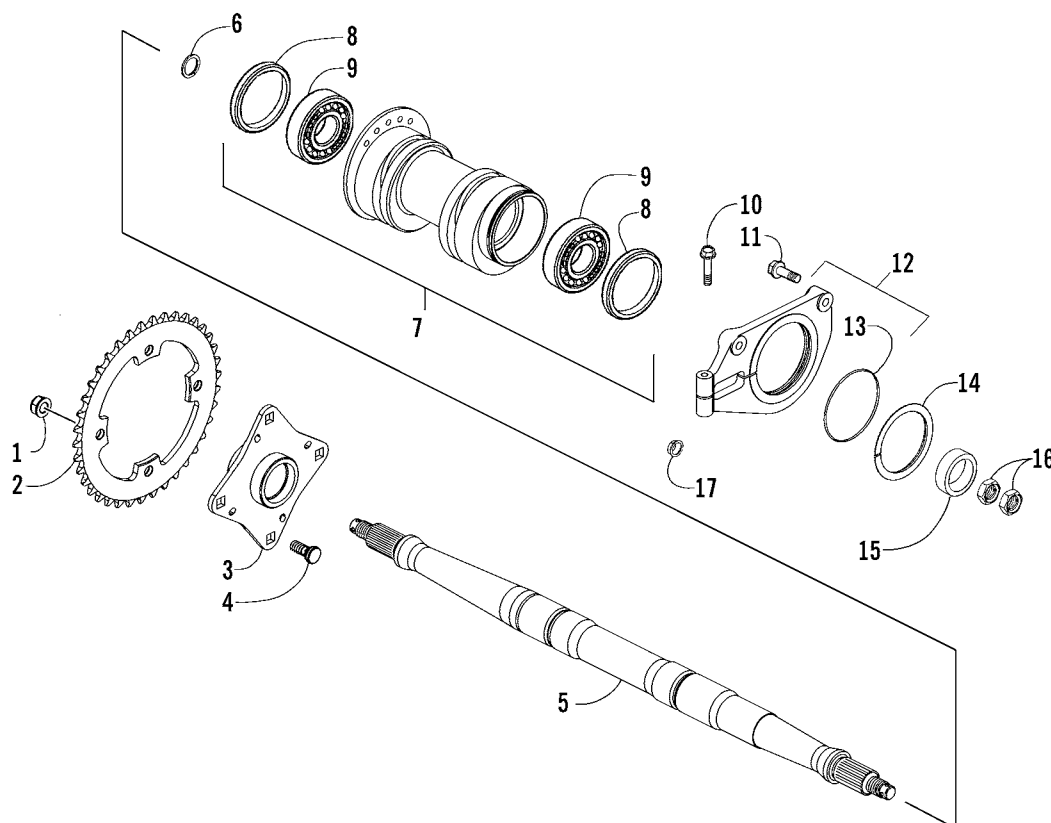
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-312	2	Tire, Front	19	3304-795	1	Caliper Assembly - Front - Right (inc. 20-32)
2	3303-340	2	Pin, Cotter		3304-796	1	Caliper Assembly - Front - Left (inc. 20-32)
3	3303-330	2	Nut	20	*	1	● Housing, Caliper - Assembly - Right
4	3304-310	2	Wheel, Front		*	1	● Housing, Caliper - Assembly - Left
5	3303-887	2	Valve, Wheel	21	3304-334	2	● Plug
6	3304-028	8	Nut, Wheel	22	3304-326	4	● Pin
7	3304-311	2	Hub, Wheel - Assembly - Front (inc. 8-16)	23	3304-330	2	● Valve, Bleed
8	*	2	● Hub, Wheel - Front	24	3304-331	2	● Cap, Bleed Valve
9	3304-089	2	● Seal, Oil	25	3304-317	1	● Bracket, Right
10	3303-898	2	● Collar, Wheel - Inside		3304-328	1	● Bracket, Left
11	3304-200	2	● Bearing	26	3305-258	2	● Pad, Brake - Set
12	3303-900	2	● Collar, Wheel - Center	27	3304-315	2	● Spring, Brake Pad
13	3304-202	2	● Bearing	28	3304-322	2	● Boot A
14	3303-899	2	● Collar, Wheel - Outside	29	3304-329	2	● Bushing
15	3304-088	2	● Seal, Oil	30	3305-380	2	● Seal, Piston - Inner
16	3304-014	8	● Bolt, Hub	31	3305-377	2	● Seal, Dust - Outer
17	3303-912	1	Disc, Brake - Front - Right	32	3304-314	2	● Piston
	3303-918	1	Disc, Brake - Front - Left	33	3304-174	4	Screw, Cap
18	3304-015	6	Bolt				



REAR WHEELS AND BRAKE ASSEMBLY

0742-348 *Not a Service Part

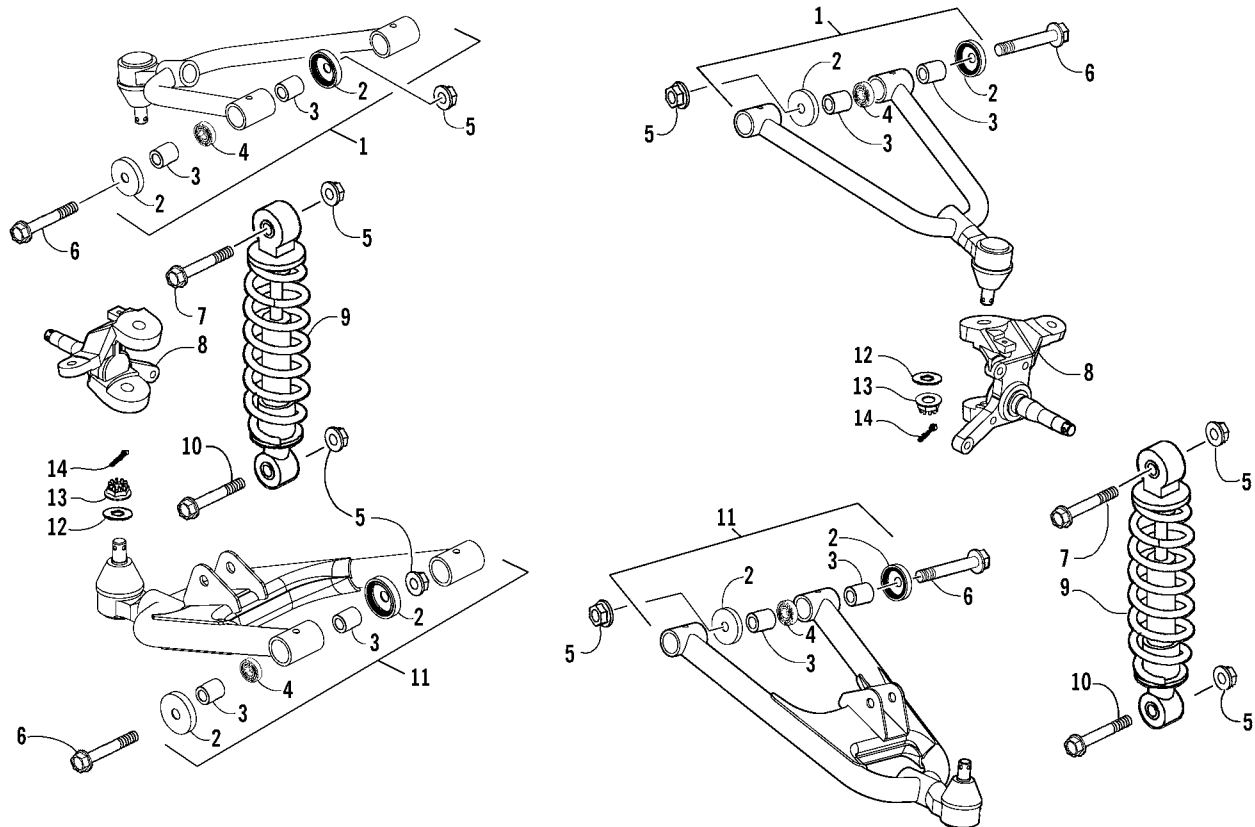
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-015	5	Bolt	15	3304-302	2	● Bleed Valve
2	3304-301	1	Disc, Brake - Rear	16	3304-333	2	● Plug
3	3304-300	1	Hub, Brake Disc	17	3304-318	2	● Cover, Dust
4	3305-266	2	Hub, Wheel - Rear (inc. 5)	18	3303-608	2	● Pin, Lock
5	3304-014	8	● Bolt, Hub	19	3304-325	2	● Pin
6	3304-295	2	Wheel, Rear	20	3304-174	2	● Screw, Cap
7	3303-887	2	Valve, Wheel	21	*	1	● Housing, Caliper - Assembly - Right
8	3304-028	8	Nut, Wheel	22	3304-695	2	● Bracket
9	3304-754	2	Tire, Rear	23	3304-697	2	● Pad, Brake - Set
10	3304-129	2	Nut	24	3305-262	4	● Piston
11	3303-340	2	Pin, Cotter	25	3304-327	4	● Seal, Piston - Inner
12	3304-744	1	Caliper Assembly - Rear (inc. 13-28)	26	3304-316	4	● Seal, Dust - Outer
13	3304-696	2	● Spring, Brake Pad	27	*	1	● Housing, Caliper - Assembly - Left
14	3304-303	2	● Cap, Bleed Valve	28	3304-440	3	● Screw, Cap



REAR AXLE ASSEMBLY

0740-828

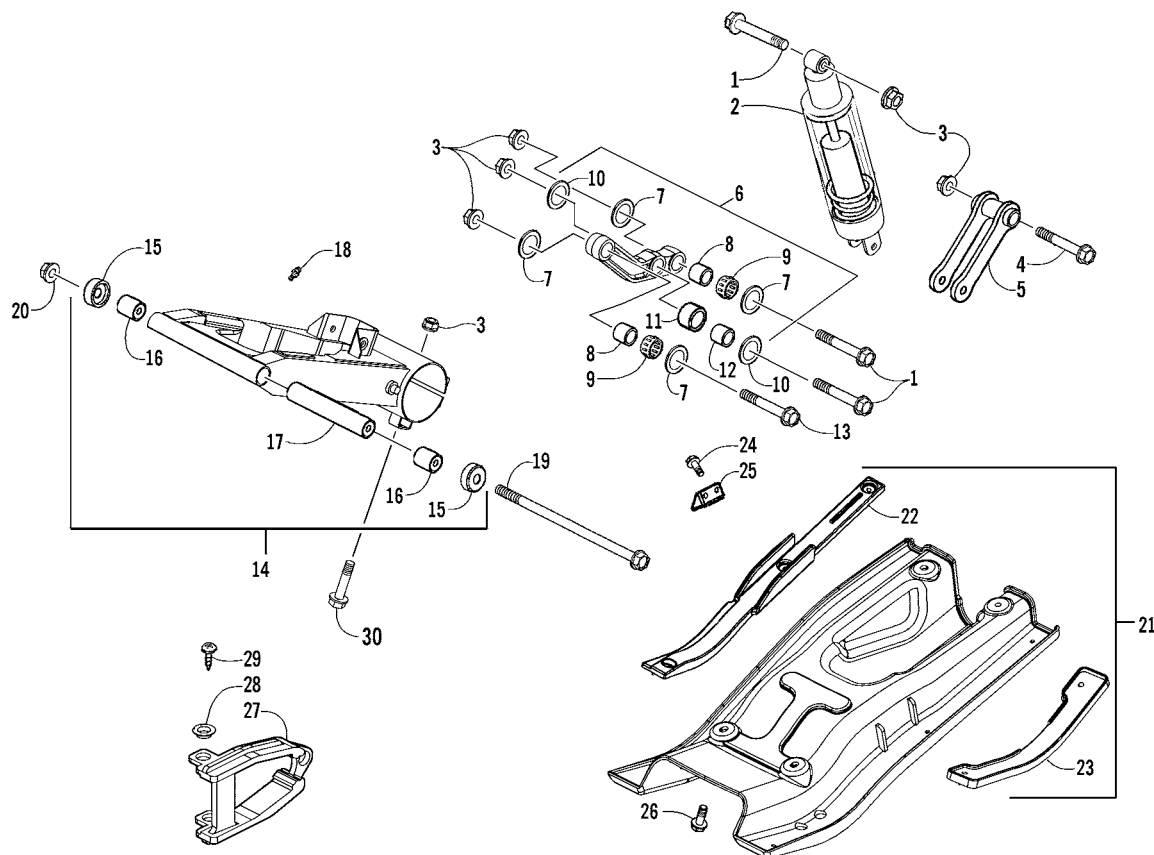
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-031	4	Nut	10	3304-518	1	Screw, Cap
2	3304-291	1	Sprocket, Final - Driven	11	3304-687	2	Screw, Cap
3	3304-292	1	Flange, Sprocket	12	3305-640	1	Bracket, Caliper - Assembly (inc. 13)
4	3304-403	4	Bolt, Carriage	13	3305-259	1	● O-Ring
5	3305-639	1	Axle, Wheel - Rear	14	3304-519	1	Ring, Retaining
6	3304-415	1	Ring, Snap	15	3304-343	1	Spacer
7	3304-294	1	Hub, Rear - Assembly (inc. 8-9)	16	3303-342	2	Nut
8	3304-424	2	● Seal, Oil	17	3304-304	1	Collar
9	3304-688	2	● Bearing				



FRONT SUSPENSION ASSEMBLY

0740-832

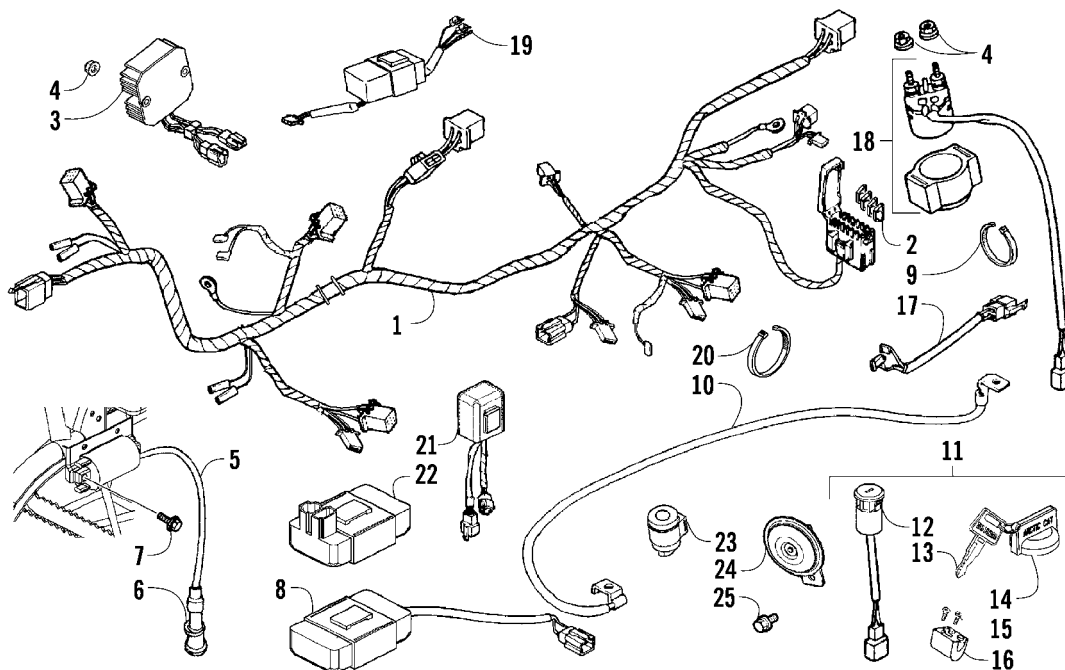
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3305-647	1	A-Arm Assembly - Upper Right (inc. 2-4)	9	3305-645	2	Shock/Spring Assembly
	3305-648	1	A-Arm Assembly - Upper Left (inc. 2-4)	10	3304-595	2	Screw, Cap
2	3304-090	16	● Seal	11	3305-649	1	A-Arm Assembly - Lower Right (inc. 2-4)
3	3304-689	16	● Bushing		3305-650	1	A-Arm Assembly - Lower Left (inc. 2-4)
4	3304-199	8	● Bearing	12	3303-335	4	Washer
5	3305-517	12	Nut	13	3303-328	4	Nut, Castle
6	3304-182	8	Screw, Cap	14	3303-470	4	Pin, Cotter
7	3303-376	2	Screw, Cap				
8	3304-336	1	Knuckle - Assembly - Right				
	3304-337	1	Knuckle - Assembly - Left				



REAR SUSPENSION ASSEMBLY

0740-833

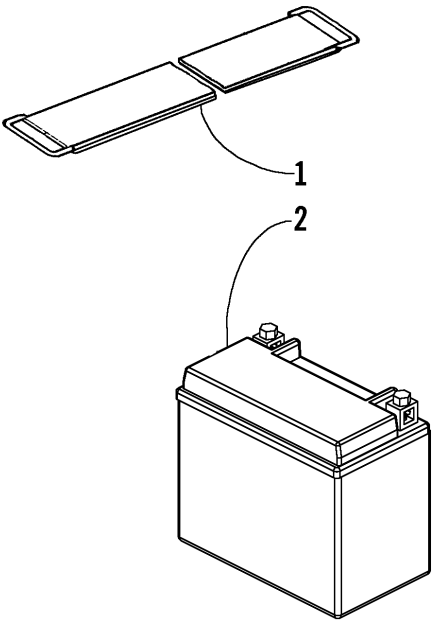
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-185	3	Screw, Cap	16	3304-359	2	● Bushing
2	3304-366	1	Shock/Spring Assembly	17	3304-358	1	● Axle, Rear Fork
3	3305-517	7	Nut	18	3303-393	1	● Fitting, Grease
4	3304-660	1	Screw, Cap	19	3303-150	1	Screw, Cap
5	3304-365	1	Link, Shock	20	3304-411	1	Nut
6	3304-363	1	Arm, Pivot (inc. 7-12)	21	3304-290	1	Plate, Skid - Assembly (inc. 22-23)
7	3304-459	4	● Seal	22	3304-287	1	● Protector, Chain
8	3304-364	2	● Spacer	23	3304-288	1	● Protector, Disc
9	3304-421	2	● Bearing	24	3304-405	2	Screw, Cap
10	3304-090	2	● Seal	25	3304-289	1	Bracket, Chain Protector
11	3304-372	1	● Sleeve, Axle	26	3304-587	4	Screw, Cap
12	3304-309	1	● Axle	27	3304-361	1	Slide, Chain
13	3304-436	1	Screw, Cap	28	3304-360	3	Insert
14	3305-646	1	Fork, Rear - Assembly (inc. 15-18)	29	3304-690	3	Screw, Self-Tapping
15	3303-192	2	● Seal, Dust	30	3304-437	2	Screw, Cap



ELECTRICAL AND WIRING HARNESS ASSEMBLY

0743-557 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-735	1	Harness, Main (inc. 2)	13	3305-371	1	● Key, Ignition - Set - Right-Side Cut
2	3304-210	1	● Fuse - 10 Amp		3305-372	1	● Key, Ignition - Set - Left-Side Cut
	3304-211	2	● Fuse - 15 Amp	14	3304-522	1	● Cover, Key - "Arctic Cat"
	3304-212	1	● Fuse - 30 Amp	15	3305-395	2	● Screw, Machine
3	3304-681	1	Regulator, Voltage	16	3305-392	1	● Lock, Steering
4	3303-331	4	Nut	17	3303-134	1	Sub-Cord
5	3303-830	1	Coil, Ignition (inc. 6)	18	3303-857	1	Relay, Starter
6	3305-425	1	● Cap, Noise Suppression	19	3304-778	1	Control - Hazard Lights
7	3303-382	2	Screw, Cap	20	3303-289	2	Tie, Cable
8	3305-651	1	CDI Unit	21	3304-779	1	Filter, EMI - Fan Motor
9	3303-840	AR	Tie, Cable	22	3304-783	1	Control, Gear Change
10	3304-278	1	Cable, Battery	23	3304-777	1	Relay, Turn Signal
11	3304-771	1	Switch, Ignition - Assembly (inc. 12-16)	24	3304-776	1	Horn
12	*	1	● Switch, Ignition	25	3303-365	1	Screw, Cap

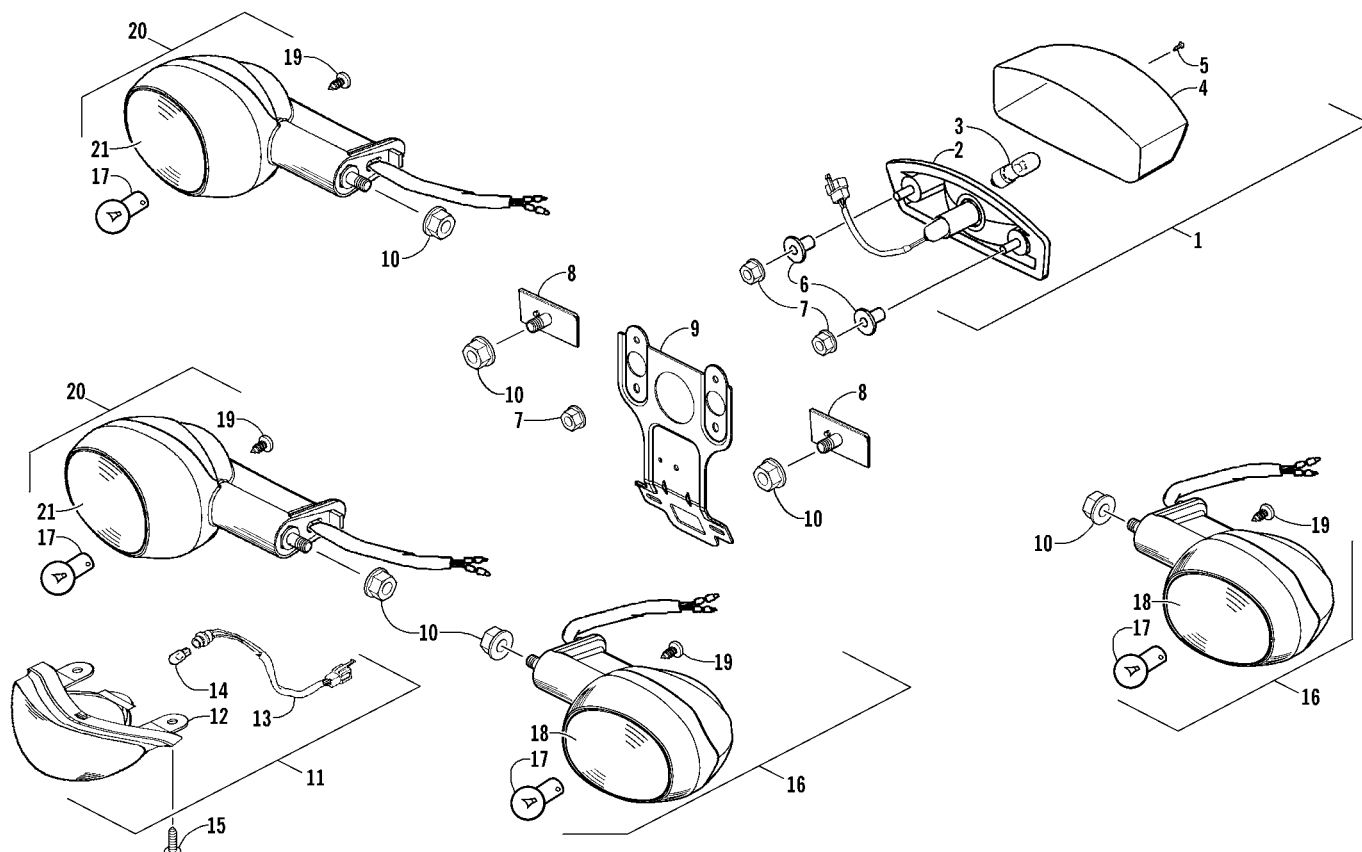


BATTERY ASSEMBLY

0741-261

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-434	1	Strap, Battery	2	3304-275	1	Battery

16

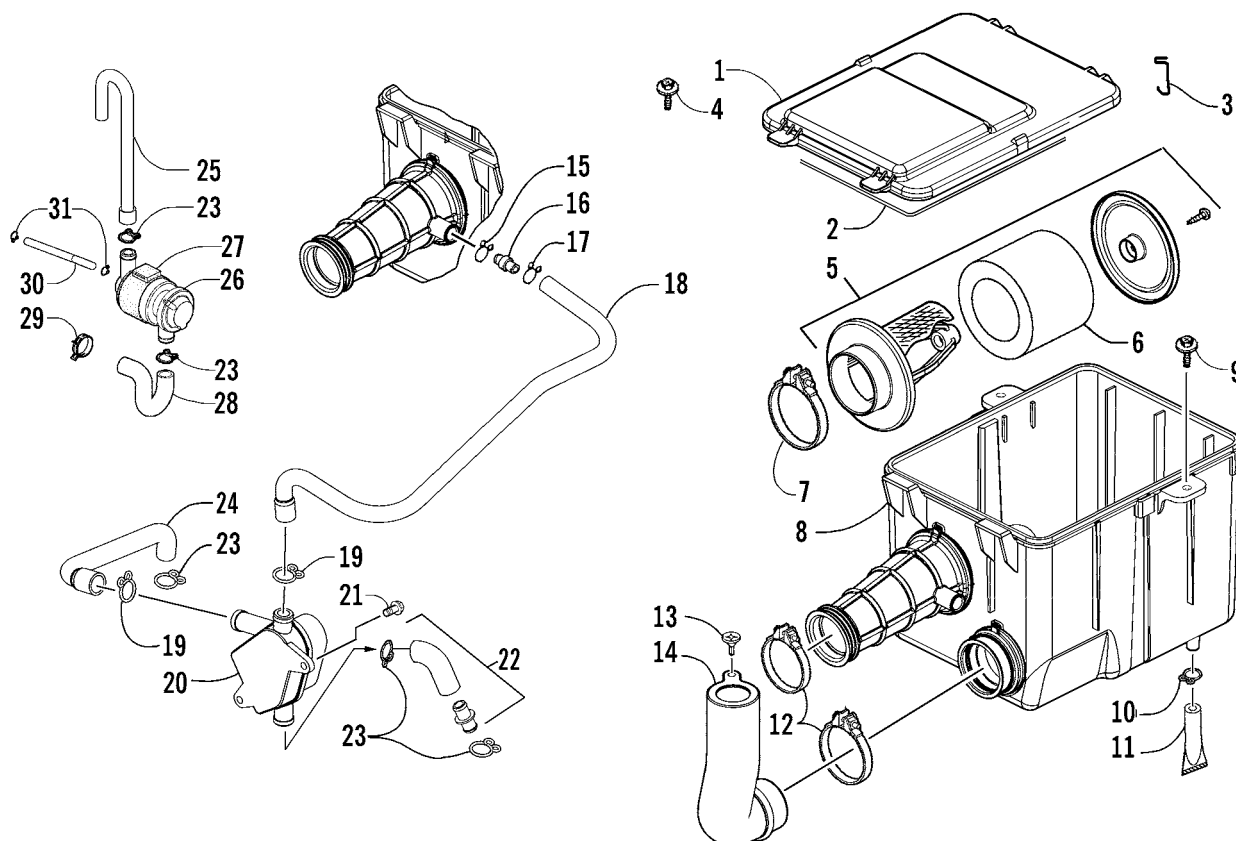


TAILLIGHT AND TURN SIGNAL ASSEMBLIES

0742-345

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-782	1	Taillight - Assembly (inc. 2-5)	15	3304-651	2	Screw, Self-Tapping
2	3303-422	1	● Base	16	3304-810	1	Turn Signal - Assembly - Left - Front (inc. one No. 17 and one No. 18)
3	3303-444	1	● Bulb		3304-811	1	Turn Signal - Assembly - Left - Rear (inc. one No. 17 and one No. 18)
4	3304-421	1	● Lens	17	3304-825	4	● Bulb, Turn Signal
5	3304-537	2	● Screw, Self-Tapping	18	3305-364	2	● Lens, Turn Signal - Left
6	3303-226	2	Insert	19	3305-408	4	Screw, Self-Tapping
7	3304-654	6	Nut	20	3304-731	1	Turn Signal - Assembly - Right - Front (inc. one No. 17 and one No. 21)
8	3304-737	2	Reflector		3304-732	1	Turn Signal - Assembly - Right - Rear (inc. one No. 17 and one No. 21)
9	3304-724	1	Bracket, License Plate	21	3305-363	2	● Lens, Turn Signal - Right
10	3304-774	6	Nut				
11	3304-740	1	Light, Front - Assembly (inc. 12-14)				
12	3305-361	1	● Lens, Front Light				
13	3305-362	1	● Harness, Front Light				
14	3303-847	1	● Bulb				

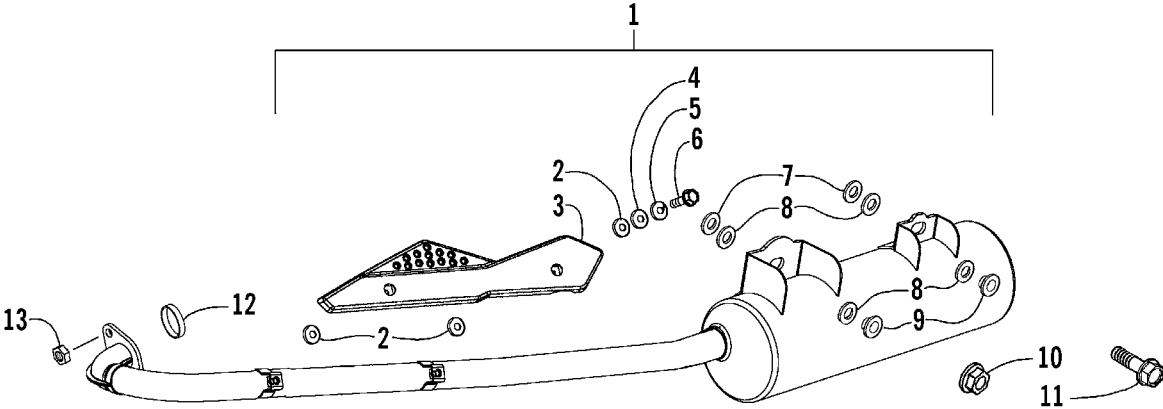
18



AIR INTAKE ASSEMBLY

0741-487 *Not a Service Part

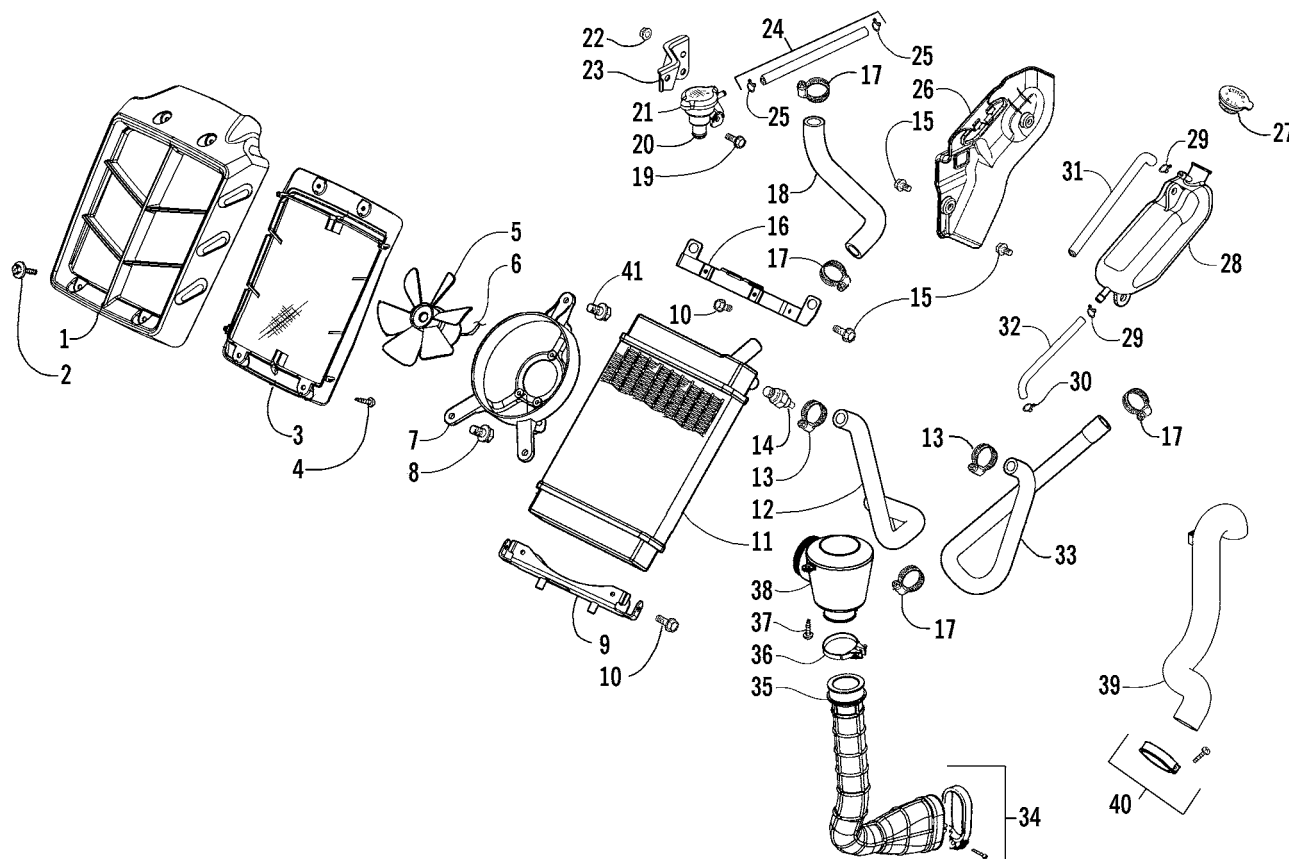
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-705	1	Cover, Housing	17	3304-167	1	Clamp, Tube
2	3303-703	1	Seal, Cover	18	3303-734	1	Tube B - Oil Catch (inc. one No. 19)
3	3303-708	4	Clip, Spring	19	3303-714	2	● Clamp, Tube
4	3304-117	1	Screw, Machine	20	3303-706	1	Catch, Oil
5	3303-704	1	Filter, Air - Assembly (inc. 6)	21	3304-553	2	Screw, Cap
6	*	1	● Filter, Foam	22	3303-735	1	Tube C - Oil Catch (inc. two No. 23)
7	3304-416	1	Clamp, Hose	23	3303-712	5	● Clamp, Tube
8	3303-707	1	Housing, Air Filter	24	3303-733	1	Tube A - Oil Catch (inc. one No. 19)
9	3304-652	2	Screw, Machine	25	3304-824	1	Tube, Air - AICV
10	3303-713	1	Clamp, Tube	26	*	1	AICV
11	3304-168	1	Tube, Drain	27	3305-355	1	Rubber Mount - AICV
12	3303-709	2	Clamp, Hose	28	3305-404	1	Tube - AICV/Reed Valve
13	3304-062	1	Screw, Body	29	3304-167	1	Clamp, Hose
14	3303-710	1	Duct	30	3305-405	1	Tube, Vacuum (inc. 31)
15	3304-433	2	Clamp, Tube	31	3304-161	2	● Clamp, Tube
16	3303-711	1	Joint, Blow-By				



EXHAUST ASSEMBLY

0740-830

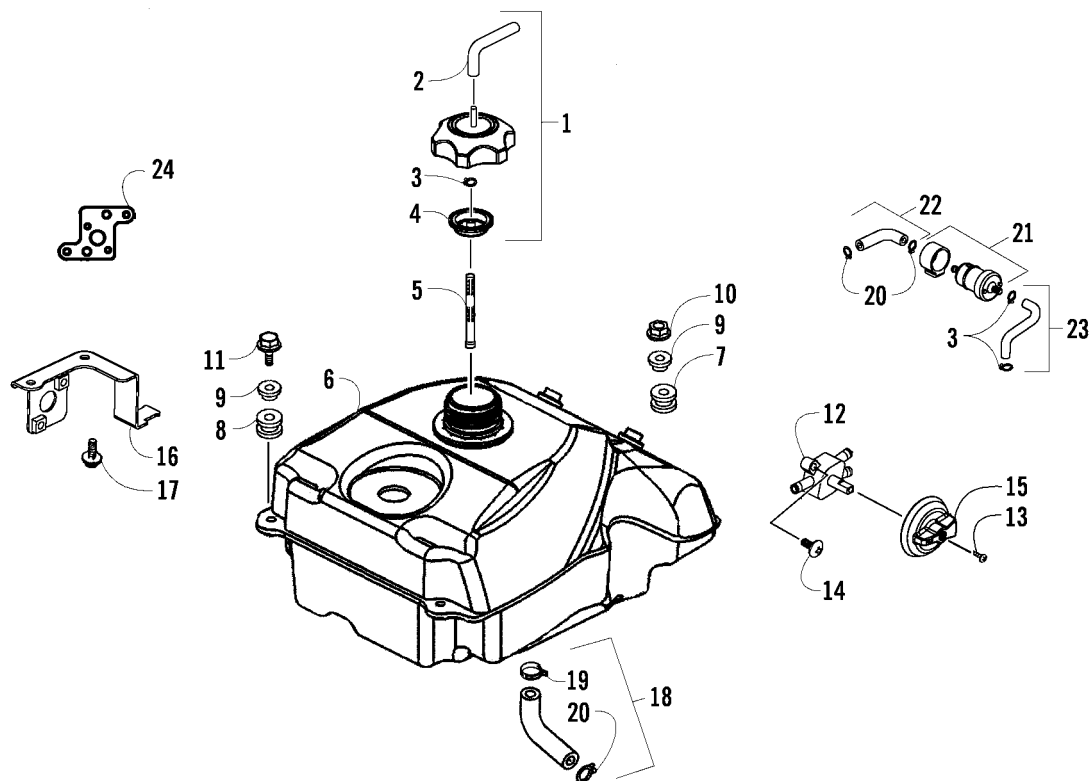
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3305-643	1	Muffler - Assembly (inc. 2-9)	8	3303-728	4	● Packing
2	3303-727	4	● Packing, Exhaust Shield	9	3303-731	2	● Insert
3	3304-251	1	● Shield, Exhaust	10	3303-332	1	Nut
4	3304-134	2	● Washer	11	3304-175	1	Screw, Cap
5	3304-140	2	● Washer, Lock	12	3303-725	1	Gasket, Exhaust
6	3304-686	2	● Screw, Cap	13	3304-125	2	Nut
7	3303-726	2	● Bushing				



COOLING ASSEMBLY

0740-836

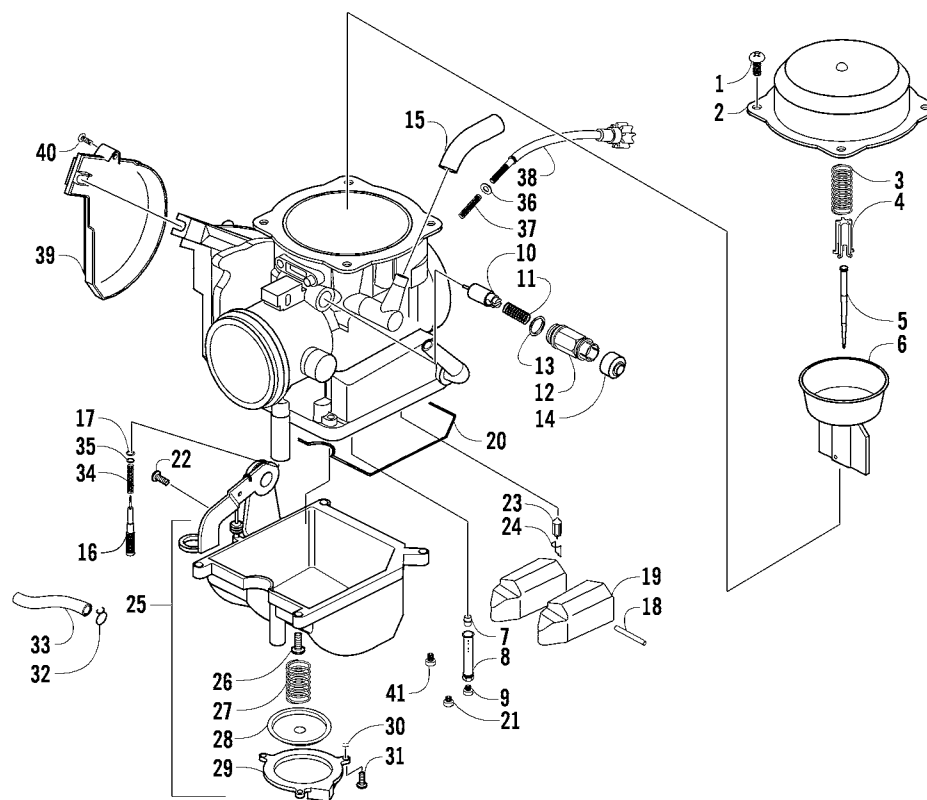
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-743	1	Shroud, Radiator	22	3304-654	2	Nut
2	3304-653	4	Screw, Machine	23	3303-740	1	Bracket, Mounting - Filler Neck
3	3303-744	1	Screen, Radiator	24	3304-066	1	Tube, Water Pump - Assembly (inc. 25)
4	3304-123	6	Screw, Machine	25	3304-161	2	● Clamp, Tube
5	3303-741	1	Fan, Cooling	26	3303-993	1	Shield, Master Cylinder
6	3303-742	1	Motor, Fan	27	3303-749	1	Cap, Reserve Tank
7	3303-739	1	Shroud, Fan	28	3304-692	1	Tank, Reserve
8	3304-586	3	Screw, Cap	29	3304-163	2	Clamp, Tube
9	3303-984	1	Bracket, Radiator - Lower	30	3303-349	1	Clamp, Tube
10	3304-116	4	Screw, Cap	31	3303-745	1	Hose, Drain - Reserve Tank
11	3303-737	1	Radiator Assembly	32	3304-255	1	Hose, Reserve Tank
12	3303-759	1	Hose, Cooling - Radiator/Engine	33	3303-760	1	Hose, Cooling - Engine/Radiator
13	3304-164	2	Clamp, Hose	34	3303-635	1	Clamp w/Screw
14	3303-862	1	Switch, Temperature	35	3304-224	1	Duct, Cooling
15	3304-587	6	Screw, Cap	36	3304-694	1	Clamp w/Screw
16	3303-983	1	Bracket, Radiator - Upper	37	3304-650	2	Screw, Self-Tapping
17	3304-165	4	Clamp, Hose	38	3304-226	1	Box, Inlet - Cooling Duct
18	3303-761	1	Hose, Cooling - Radiator	39	3304-223	1	Duct, Cooling
19	3304-553	1	Screw, Cap	40	3303-636	1	Clamp w/Screw
20	3303-738	1	Neck, Filler	41	3303-320	3	Screw, Cap
21	3303-748	1	Cap, Radiator				



GAS TANK ASSEMBLY

0743-569 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-246	1	Cap, Gas Tank - Assembly (inc. 2, one No. 3, and 4)	14	3303-316	2	Screw, Machine
2	3304-169	1	● Hose, Vent	15	3303-701	1	Cover, Gas Tank Valve
3	3303-348	3	● Clamp, Tube	16	3305-419	1	Bracket, Mounting - Gas Tank Valve
4	*	1	● Diaphragm	17	3304-409	2	Screw, Machine
5	3303-058	1	Screen, Fuel Strainer	18	3305-439	2	Tube, Gas Tank - Assembly (inc. 19 and two No. 20)
6	3304-244	1	Tank, Gas - Assembly (inc. 7-8)	19	3303-351	2	● Clamp, Hose
7	3304-647	2	● Grommet	20	3303-349	4	● Clamp, Tube
8	3303-406	2	● Grommet	21	3305-641	1	Strainer, Fuel - Assembly
9	3303-226	4	Insert	22	3305-642	1	Tube, Fuel Strainer - Assembly (inc. two No. 20)
10	3303-331	2	Nut	23	3305-652	1	Tube, Fuel Strainer - Assembly (inc. two No. 3)
11	3304-551	2	Screw, Cap	24	3305-551	1	Bracket, Gas Tank
12	3303-700	1	Valve, Gas Tank (inc. 13)				
13	3304-120	1	● Screw, Machine				

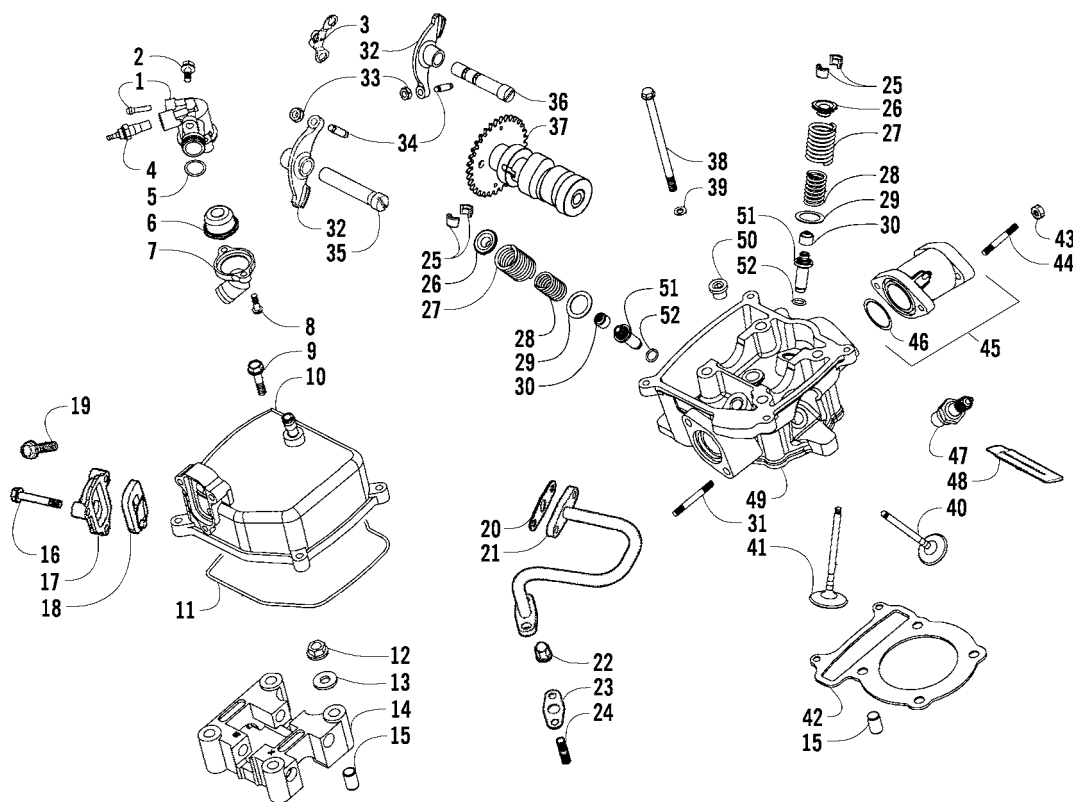


CARBURETOR ASSEMBLY

(Complete Carburetor Assembly p/n 3305-537)

0743-582 *Not a Service Part

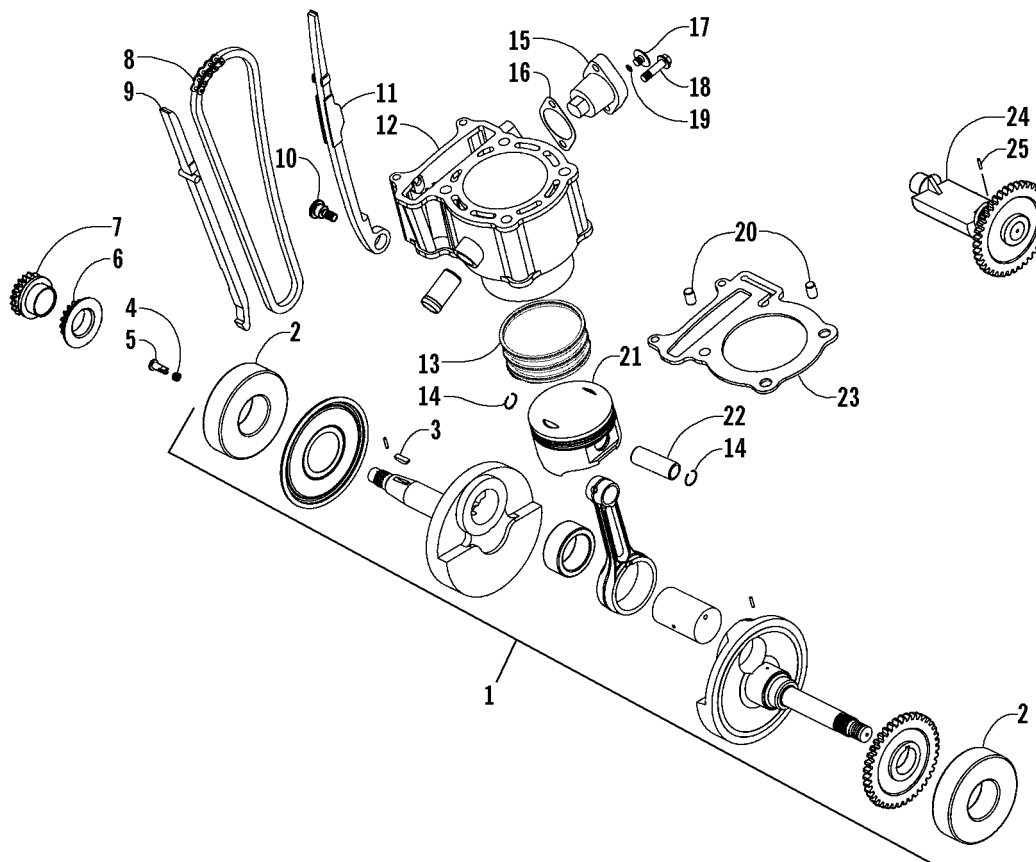
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5507-002	4	Screw, Machine	22	5507-050	1	Screw, Machine
2	5507-051	1	Top	23	3304-242	1	Valve, Float (inc. 24)
3	3305-432	1	Spring, Compression	24	*	1	● Clip
4	3305-538	1	Seat, Spring	25	*	1	Chamber, Float - Assembly
5	3305-540	1	Needle, Jet	26	5507-017	4	Screw, Machine
6	5507-053	1	Piston, Vacuum	27	5507-032	1	Spring
7	5507-245	1	Jet, Needle	28	5507-182	1	Diaphragm Assembly
8	5507-047	1	Holder, Jet Needle	29	5507-198	1	Housing Pump
9	5507-126	1	Jet, Main - 115	30	5507-034	1	U-Ring
10	5507-022	1	Valve, Starter	31	5507-035	3	Screw, Machine
11	5507-023	1	Spring	32	5507-161	1	Clamp, Tube
12	5507-025	1	Cap	33	3305-428	1	Tube, Drain
13	5507-024	1	O-Ring	34	5507-226	1	Spring
14	5507-026	1	Cable, Sealing Cap	35	5507-225	1	Washer
15	3305-427	1	Tube	36	5507-028	1	Washer
16	3305-442	1	Screw, Pilot	37	5507-029	1	Spring
17	3304-237	1	O-Ring	38	3305-437	1	Screw, Stop
18	3304-451	1	Pin, Float Arm	39	3305-441	1	Cover, Top - Assembly
19	3305-550	1	Float, Set	40	5507-037	1	Screw, Machine
20	5507-067	1	O-Ring	41	5507-090	1	Jet, Starter
21	5507-010	1	Jet, Slow				



CYLINDER HEAD ASSEMBLY

0743-576 *Not a Service Part

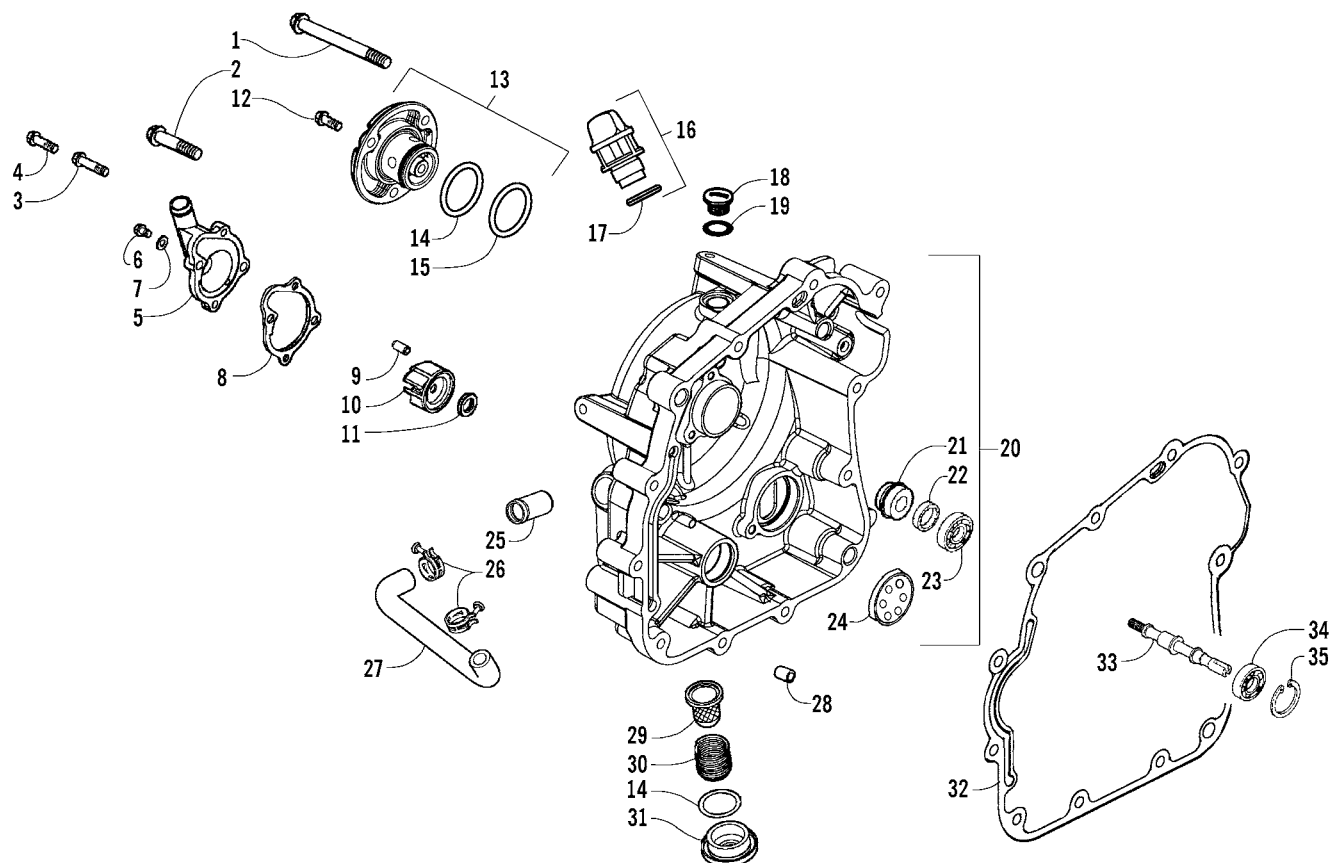
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-756	1	Housing, Thermostat - Upper	27	3303-682	2	Spring, Valve - Outer
2	3303-617	1	Screw, Cap	28	3303-683	2	Spring, Valve - Inner
3	<u>3305-618</u>	1	Plate, Stopper Comp	29	3303-043	2	Seat, Valve Spring
4	3303-861	1	Sensor, Engine Coolant Temperature	30	3303-657	2	Seal, Valve Stem
5	3304-094	1	O-Ring	31	3304-010	2	Bolt, Stud
6	3303-755	1	Thermostat	32	<u>3305-611</u>	2	Arm, Rocker
7	3303-757	1	Housing, Thermostat - Lower	33	3304-026	2	Nut, Gap Adjuster
8	3304-118	2	Screw, Machine	34	3304-007	2	Screw, Gap Adjuster
9	3303-360	4	Screw, Cap	35	<u>3305-612</u>	1	Shaft, Rocker Arm - Exhaust
10	<u>3305-608</u>	1	Cover, Cylinder Head	36	3303-674	1	Shaft, Rocker Arm - Intake
11	<u>3305-609</u>	1	Gasket, Cylinder Head Cover	37	<u>3305-613</u>	1	Camshaft
12	3303-332	4	Nut, Lock	38	3304-918	2	Screw, Cap
13	3304-048	4	Washer	39	3304-049	2	Washer
14	<u>3305-607</u>	1	Holder, Camshaft	40	<u>3305-614</u>	1	Valve, Intake
15	3303-342	4	Pin, Dowel	41	<u>3305-615</u>	1	Valve, Exhaust
16	3305-402	2	Screw, Cap	42	3303-659	1	Gasket, Cylinder Head
17	3305-354	1	Cover, Reed Valve	43	3304-124	2	Nut, Lock
18	3305-353	1	Valve, Reed	44	3304-114	2	Bolt, Stud
19	3305-401	1	Screw, Cap	45	<u>3305-616</u>	1	Manifold, Intake (inc. 46)
20	3305-356	1	Gasket	46	3304-620	1	● O-Ring
21	<u>3305-610</u>	1	Pipe, Air	47	0217-730	1	Spark Plug (DPR7EA-9)
22	3304-030	2	Nut	48	3304-157	1	Clamp, Wire
23	3303-732	1	Gasket	49	<u>3305-617</u>	1	Head, Cylinder (inc. 50-52)
24	3303-582	2	Bolt, Stud	50	3303-656	1	● Bolt, Sealing
25	3303-044	4	Cotter, Valve	51	*	2	● Guide, Valve
26	3303-042	2	Retainer, Valve Spring	52	3304-461	2	● O-Ring



PISTON AND CRANKSHAFT ASSEMBLY

0740-637 *Not a Service Part

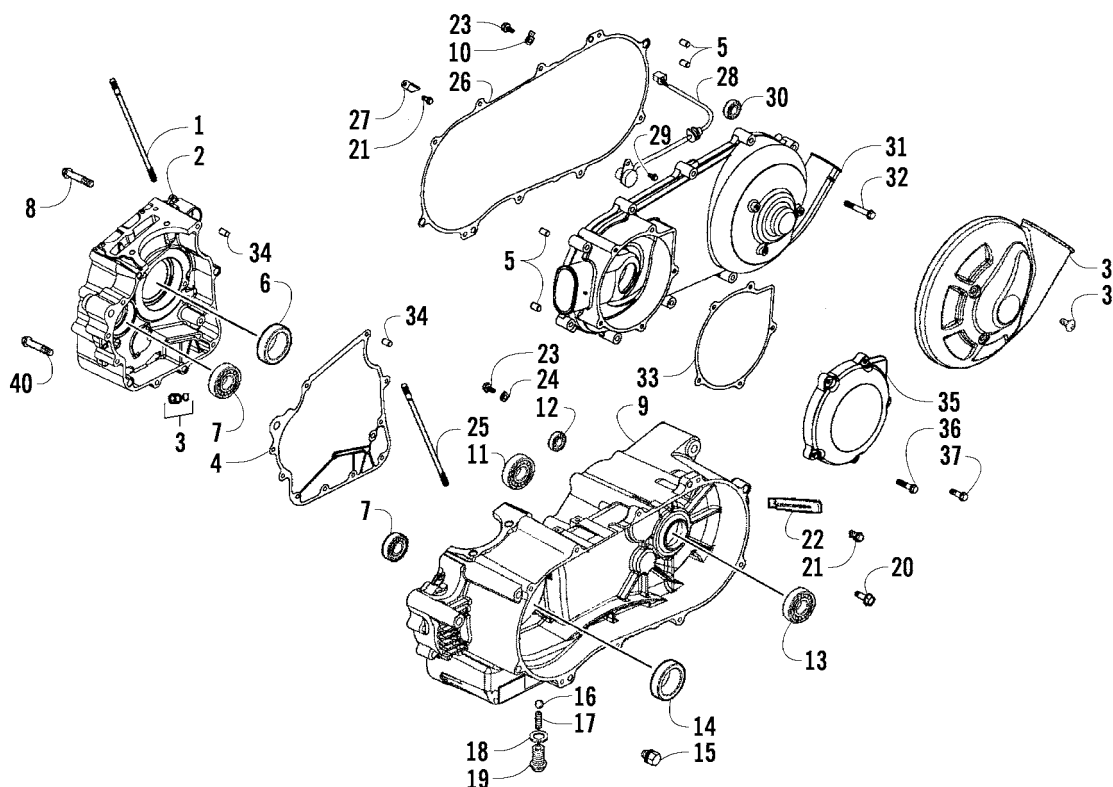
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3305-619</u>	1	Crankshaft - Assembly (inc. 2)	14	3304-159	2	Circlip
2	3304-419	2	● Bearing	15	3303-677	1	Lifter, Cam Chain Tensioner
3	3304-145	1	Key	16	3303-035	1	Gasket, Cylinder
4	3303-694	1	Spring	17	3304-006	1	Screw, Machine
5	3303-693	1	Oil Through	18	3304-002	2	Screw, Cap
6	3304-236	1	Gear, Timing	19	3304-100	1	O-Ring
7	3303-689	1	Gear, Drive - Oil Pump	20	3303-342	2	Pin, Dowel
8	<u>3305-620</u>	1	Chain, Cam	21	<u>3305-625</u>	1	Piston
9	3303-679	1	Guide, Cam Chain	22	<u>3305-623</u>	1	Pin, Piston
10	3303-678	1	Pivot, Cam Chain Tensioner	23	3303-654	1	Gasket, Cylinder
11	<u>3305-622</u>	1	Tensioner, Cam Chain	24	<u>3305-624</u>	1	Balancer, Crankshaft (inc. 25)
12	<u>3305-621</u>	1	Cylinder Assembly	25	*	1	● Pin, Alignment
13	3305-653	1	Ring, Piston - Set				



CRANKCASE COVER ASSEMBLY

0740-654 *Not a Service Part

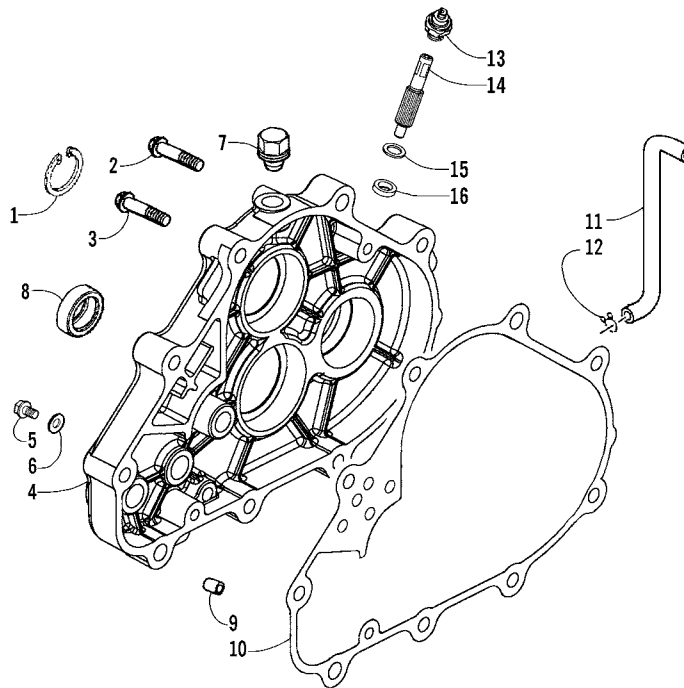
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-192	8	Screw, Cap	18	3304-012	1	Cap
2	3303-387	4	Screw, Cap	19	3304-099	1	O-Ring
3	3303-385	2	Screw, Cap	20	<u>3305-626</u>	1	Cover, Crankcase - Assembly (inc. 21-25)
4	3303-619	2	Screw, Cap	21	3303-751	1	● Seal, Mechanical
5	3303-752	1	Cover, Water Pump	22	3304-078	1	● Seal, Oil
6	3304-186	1	Screw, Cap	23	3304-068	1	● Bearing
7	3304-049	1	Washer	24	3303-696	1	● Finder, Oil Level
8	3303-753	1	Gasket, Water Pump	25	*	1	● Sleeve
9	3301-775	2	Pin, Dowel	26	3304-165	2	Clamp, Hose
10	3303-750	1	Impeller, Water Pump	27	3303-758	1	Hose, Water
11	3304-038	1	Washer	28	3303-342	2	Pin, Dowel
12	3303-382	3	Screw, Cap	29	3303-691	1	Screen, Oil Filter
13	3304-013	1	Cap, Crankcase Cover - Assembly (inc. one No. 14 and 15)	30	3303-692	1	Spring, Oil Filter
14	3304-096	2	● O-Ring	31	3303-021	1	Cap, Oil Filter
15	3304-098	1	● O-Ring	32	3303-641	1	Gasket
16	3303-695	1	Gauge, Oil Level (inc. 17)	33	3303-754	1	Shaft, Water Pump
17	3304-102	1	● O-Ring	34	3304-193	1	Bearing
				35	3304-148	1	Ring, Retaining



CRANKCASE ASSEMBLY

0743-571

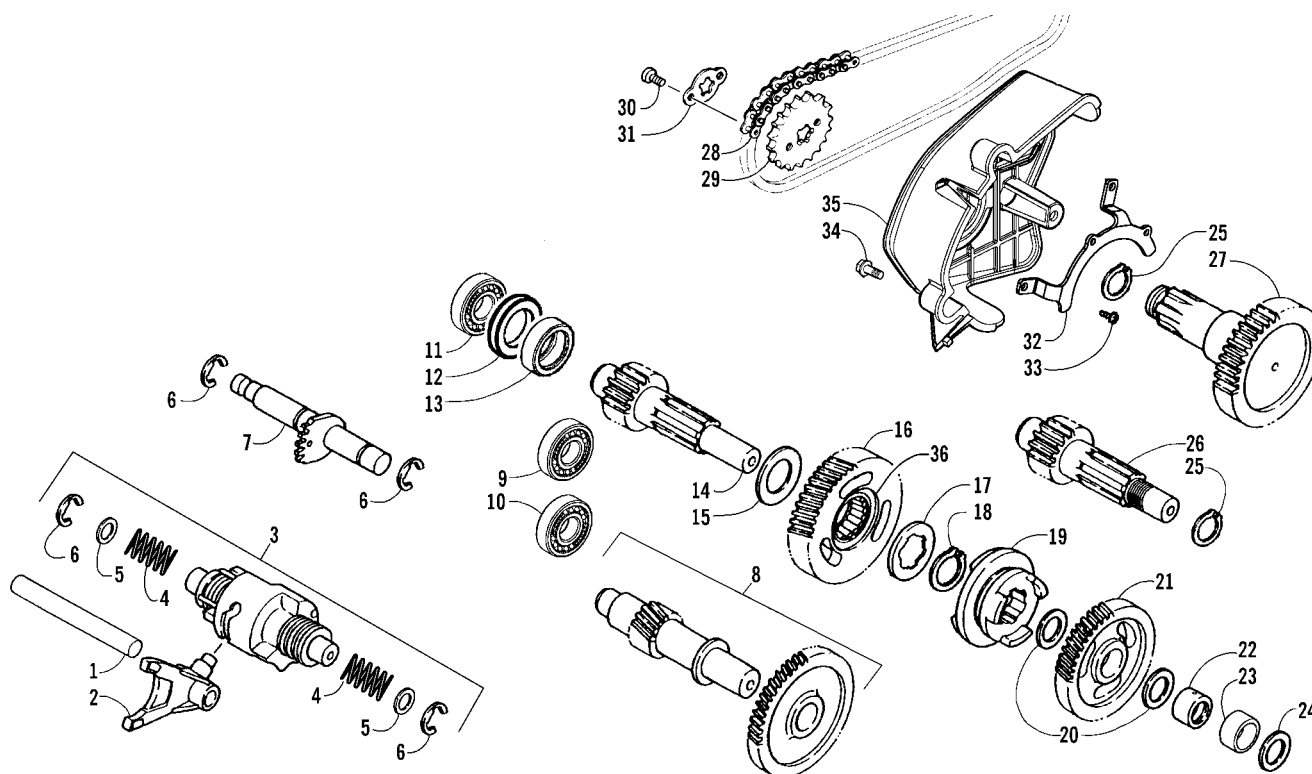
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-008	2	Bolt, Stud	21	3303-381	3	Screw, Cap
2	3305-605	1	Crankcase - Right (inc. 3)	22	3304-158	1	Clamp, Wire
3	3304-065	1	● Plug, Cone-Type	23	3304-005	3	Screw, Cap
4	3303-628	1	Gasket, Crankcase	24	3304-040	1	Plate, Bearing Retainer
5	3303-342	4	Pin, Dowel	25	3305-606	2	Bolt, Stud
6	3304-091	1	Seal, Oil	26	3303-642	1	Gasket, Crankcase Cover
7	3304-195	2	Bearing	27	3303-843	2	Clamp, Wire
8	3304-191	4	Screw, Cap	28	3304-698	1	Cable, Gear Change
9	3304-221	1	Crankcase - Left	29	3304-187	1	Screw, Cap
10	3304-039	2	Retainer, Bearing	30	3304-073	1	Bearing
11	3304-699	1	Bearing	31	3303-632	1	Cover, Crankcase
12	3304-074	1	Bearing	32	3304-003	8	Screw, Cap
13	3304-067	1	Bearing	33	3304-101	1	Gasket, Recoil Starter Cover
14	3304-079	1	Seal, Oil	34	3301-775	2	Pin, Dowel
15	3304-052	1	Plug, Drain	35	3304-225	1	Cover, Recoil Starter
16	3304-205	1	Ball, Steel	36	3304-190	2	Screw, Cap
17	3304-063	1	Spring	37	3303-384	3	Screw, Cap
18	3304-021	1	Washer	38	3304-222	1	Cover, Crankcase Cover - Left
19	3304-109	1	Bolt, Seat	39	3304-407	3	Screw, Machine
20	3303-365	1	Screw, Cap	40	3304-004	2	Screw, Cap



TRANSMISSION CASE ASSEMBLY

0742-347

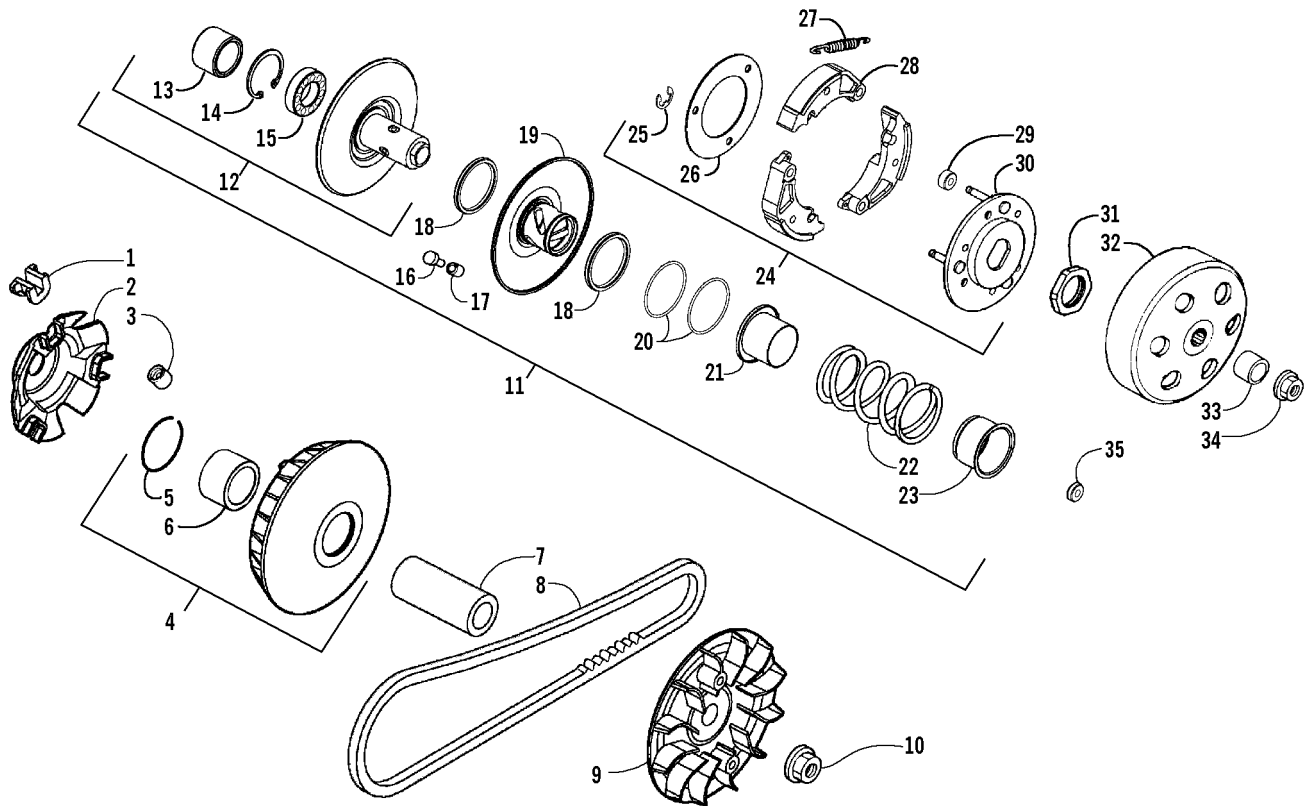
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-514	1	Ring, Retaining	9	3303-342	2	Pin, Dowel
2	3303-615	2	Screw, Cap	10	3304-258	1	Gasket
3	3304-572	7	Screw, Cap	11	3303-630	1	Tube, Breather
4	3304-706	1	Case, Transmission	12	3304-433	1	Clamp, Tube
5	3303-365	1	Screw, Cap	13	3304-108	1	Bolt, Tachometer
6	3303-591	1	Washer	14	3304-703	1	Gear, Tachometer
7	3304-052	1	Plug, Drain	15	3304-047	1	Washer, Thrust
8	3304-081	1	Seal, Oil	16	3304-077	1	Seal, Oil



TRANSMISSION ASSEMBLY

0740-819

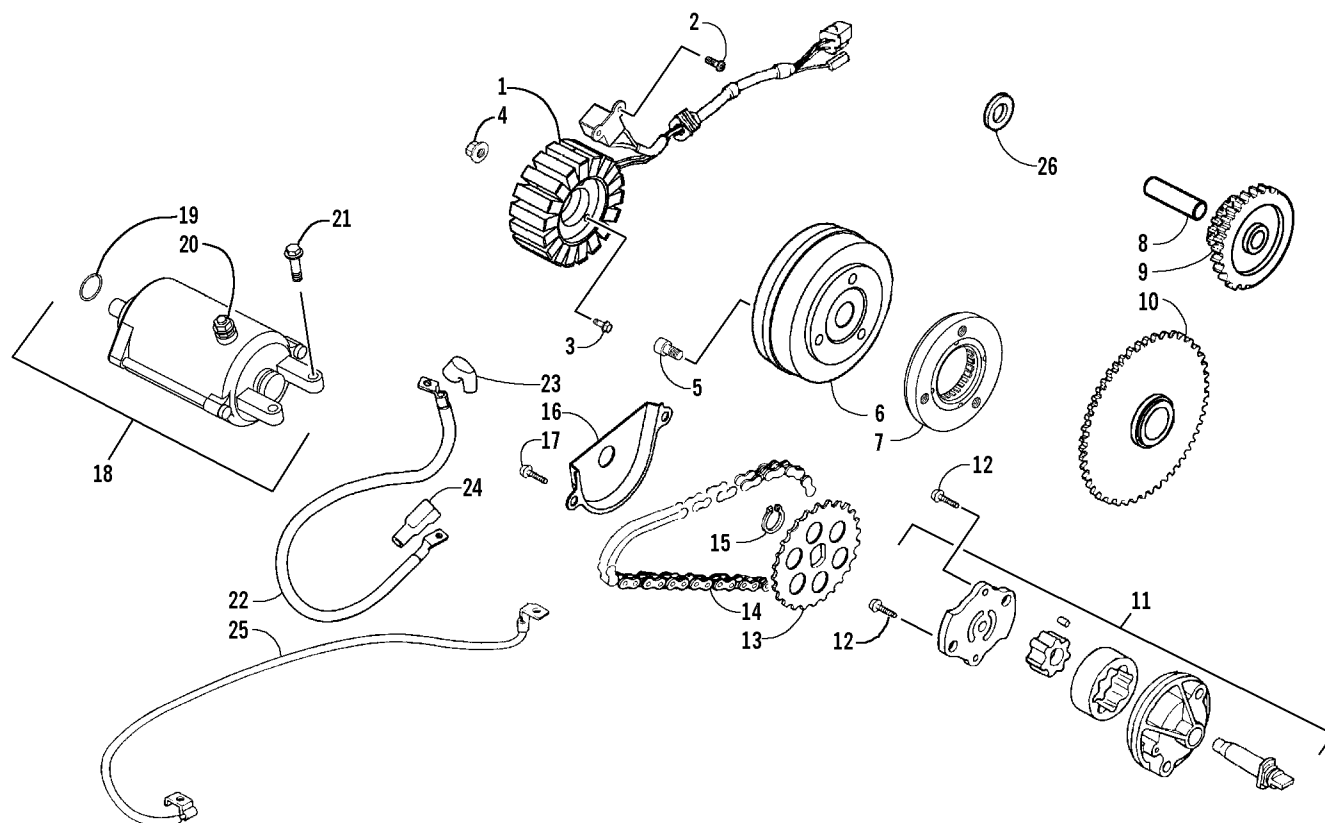
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-513	1	Shaft, Gear Shift Fork	19	3304-264	1	Shift, Main
2	3304-267	1	Fork, Gear Shift	20	3304-413	2	Washer, Thrust
3	3304-268	1	Drum, Gear Shift - Assembly (inc. 4-5 and two No. 6)	21	3303-795	1	Gear, Forward
4	3304-700	2	● Spring	22	3304-509	1	Collar
5	3304-412	2	● Washer, Thrust	23	3304-508	1	Collar
6	3304-153	4	● E-Ring	24	3304-042	1	Washer, Thrust
7	3304-269	1	Spindle, Gear Shift Drum	25	3304-147	2	Ring, Retaining
8	3304-261	1	Gear, Shift Handle	26	3304-260	1	Driveshaft
9	3304-198	1	Bearing	27	3304-262	1	Shaft, Final
10	3304-699	1	Bearing	28	3304-510	1	Chain, Drive
11	3304-195	1	Bearing	29	3304-265	1	Sprocket, Drive
12	3304-425	1	Seal, Oil	30	3303-307	2	Screw, Cap
13	3304-422	1	Bearing, Needle	31	3304-266	1	Plate, Drive Sprocket
14	3304-691	1	Shaft, Main	32	3304-515	1	Guide, Chain
15	3304-044	1	Washer, Thrust	33	3304-650	2	Screw, Self-Tapping
16	3304-263	1	Gear, Reverse	34	3303-383	3	Screw, Cap
17	3304-045	1	Washer, Spline	35	3304-715	1	Cover, Chain
18	3304-056	1	Ring, Retaining	36	3304-423	1	Bearing - 90°



CLUTCH ASSEMBLY

0741-287

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-774	3	Slide	19	3303-785	1	● Face, Movable - Driven
2	3303-773	1	Plate, Ramp	20	3304-107	2	● O-Ring
3	3303-772	6	Guide, Roller	21	3303-789	1	● Collar, Seal
4	3303-770	1	Face, Movable - Drive (inc. 5-6)	22	3303-788	1	● Spring, Driven Face
5	3304-160	1	● Ring, Retaining	23	3303-790	1	● Collar, Spring
6	3303-771	1	● Bushing	24	3303-775	1	● Clutch, Centrifugal - Assembly (inc. 25-30)
7	3303-769	1	Sleeve, Drive Face	25	3304-054	3	● ● E-Ring
8	3303-782	1	Belt, Drive	26	3303-777	1	● ● Plate, Side
9	3303-768	1	Face, Fixed - Drive	27	3303-778	3	● ● Spring, Clutch
10	3304-024	1	Nut, Jam	28	3303-779	3	● ● Weight, Clutch
11	3303-781	1	Clutch, Driven - Assembly (inc. 12-31)	29	3303-780	3	● ● Rubber, Clutch Damper
12	3303-783	1	● Face, Fixed - Driven (inc. 13-15)	30	3303-776	1	● ● Plate, Drive Clutch
13	3304-072	1	● ● Bearing	31	3304-025	1	● Nut
14	3304-149	1	● ● Ring, Retaining	32	3303-767	1	Clutch, Outer
15	3304-070	1	● ● Bearing	33	3303-638	1	Sleeve, Driveshaft
16	3303-786	4	● Pin, Roller Guide	34	3304-023	1	Nut, Jam
17	3303-787	4	● Roller, Guide	35	3304-414	1	Washer, Thrust
18	3304-082	2	● Seal, Oil				



STARTER MOTOR AND MAGNETO ASSEMBLY

0740-659

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3305-627</u>	1	Stator	14	<u>3305-631</u>	1	Chain, Oil Pump
2	3304-118	2	Screw, Machine	15	3304-146	1	Ring, Retaining
3	3304-111	3	Screw, Cap	16	3303-697	1	Separator, Oil
4	3304-024	1	Nut	17	3303-381	2	Screw, Cap
5	3304-208	3	Screw, Cap	18	3304-274	1	Motor, Starter (inc. 19-20)
6	<u>3305-628</u>	1	Flywheel	19	3304-104	1	● O-Ring
7	3305-412	1	Clutch, One-Way	20	3304-011	2	● Nut w/Washer
8	<u>3305-629</u>	1	Shaft, Starter Reduction	21	3304-002	2	Screw, Cap
9	3303-824	1	Gear, Starter Reduction	22	<u>3305-630</u>	1	Cable, Starter Motor (inc. 23-24)
10	3303-826	1	Gear, Starter	23	3305-251	1	● Boot, Starter Motor Terminal
11	3303-687	1	Pump, Oil	24	3305-252	1	● Boot, Starter Solenoid
12	3303-385	2	Screw, Cap	25	3304-279	1	Cable, Ground
13	3303-688	1	Sprocket, Drive - Oil Pump	26	3304-036	1	Washer, Thrust

