

ARCTIC CAT®

2006

250 Utility



Model Number A2006KUE2BEUR (Red) - International
Model Number A2006KUE2BEUG (Green) - International

Illustrated Parts Manual

TABLE OF CONTENTS

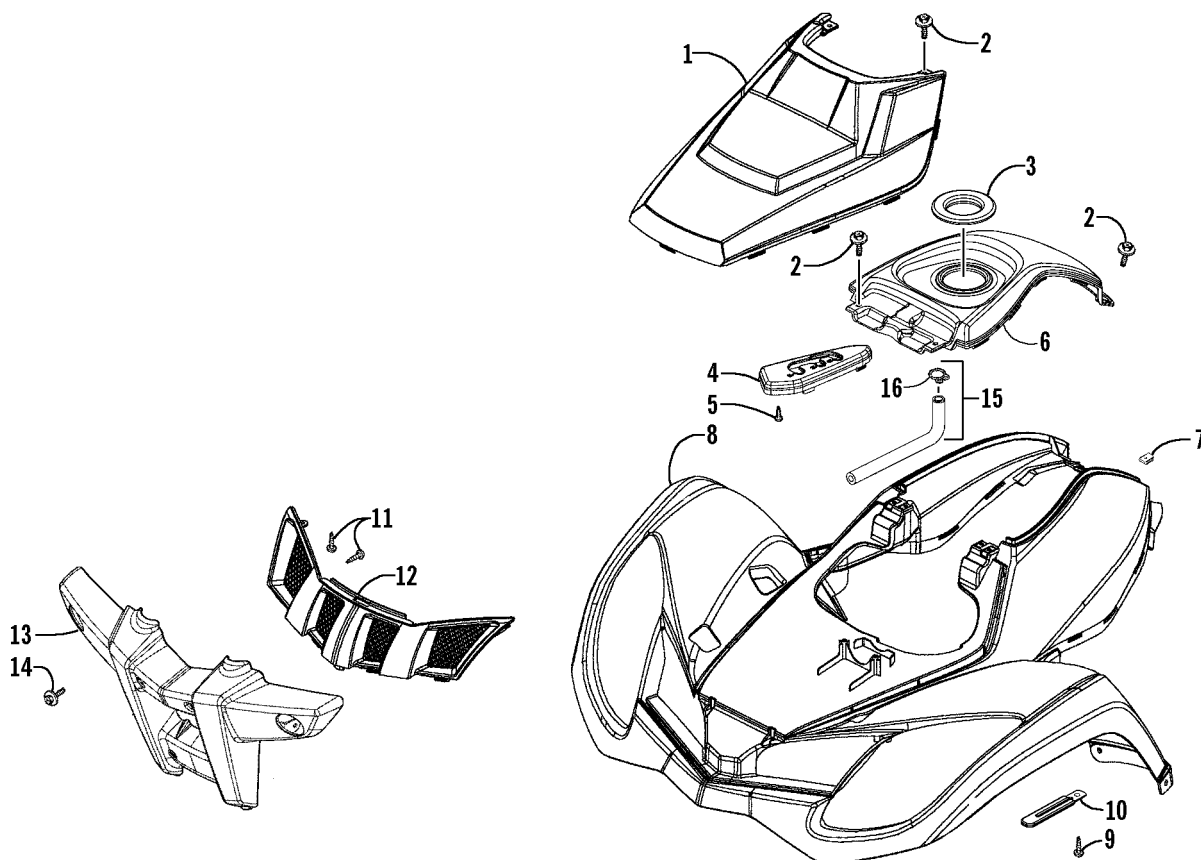
2006 ATV 250 Utility

Red (Model No. A2006KUE2BEUR) - International

Green (Model No. A2006KUE2BEUG) - International

FRONT BODY PANEL ASSEMBLY	1
REAR BODY PANEL ASSEMBLY	2
DECALS	3
FRAME AND RELATED PARTS ASSEMBLY	4
RACKS ASSEMBLY	5
HANDLEBAR AND CONTROLS ASSEMBLY	6
SPEEDOMETER AND CABLE ASSEMBLY	7
STEERING POST ASSEMBLY	8
FRONT BRAKE HOSE AND HAND BRAKE ASSEMBLY	9
REAR BRAKE HOSE, HAND BRAKE, AND FOOT BRAKE ASSEMBLY	10
SHIFT LEVER ASSEMBLY	11
FRONT WHEELS AND BRAKE ASSEMBLY	12
REAR WHEELS, AXLE, AND BRAKE ASSEMBLY	13
FRONT SUSPENSION ASSEMBLY	14
REAR SUSPENSION ASSEMBLY	15
ELECTRICAL AND WIRING HARNESS ASSEMBLY	16
BATTERY ASSEMBLY	17
HEADLIGHT ASSEMBLY	18
TAILLIGHT, TURN SIGNALS, AND LICENSE PLATE HOLDER ASSEMBLIES	19
SEAT AND TOOL KIT ASSEMBLY	20
AIR INTAKE ASSEMBLY	21
EXHAUST ASSEMBLY	22
COOLING ASSEMBLY	23
GAS TANK ASSEMBLY	24
CARBURETOR ASSEMBLY	25
CYLINDER HEAD ASSEMBLY	26
PISTON AND CRANKSHAFT ASSEMBLY	27
CRANKCASE COVER ASSEMBLY	28
CRANKCASE ASSEMBLY	29
TRANSMISSION CASE ASSEMBLY	30
TRANSMISSION ASSEMBLY	31
REAR DRIVE ASSEMBLY	32
CLUTCH ASSEMBLY	33
STARTER MOTOR AND MAGNETO ASSEMBLY	34

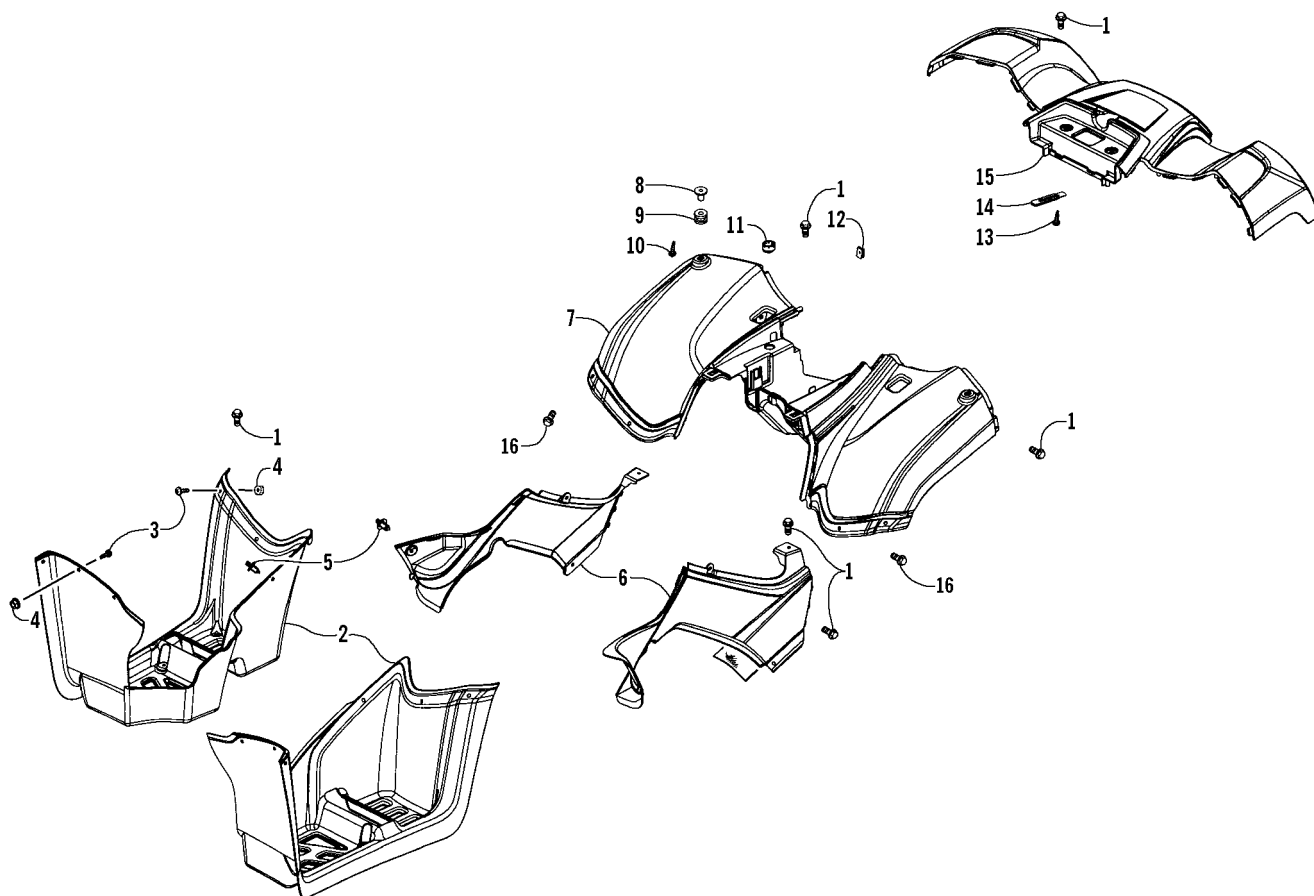
■ **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2006 model year. For a complete list of related items, refer to the current accessory catalog.



FRONT BODY PANEL ASSEMBLY

0741-452R

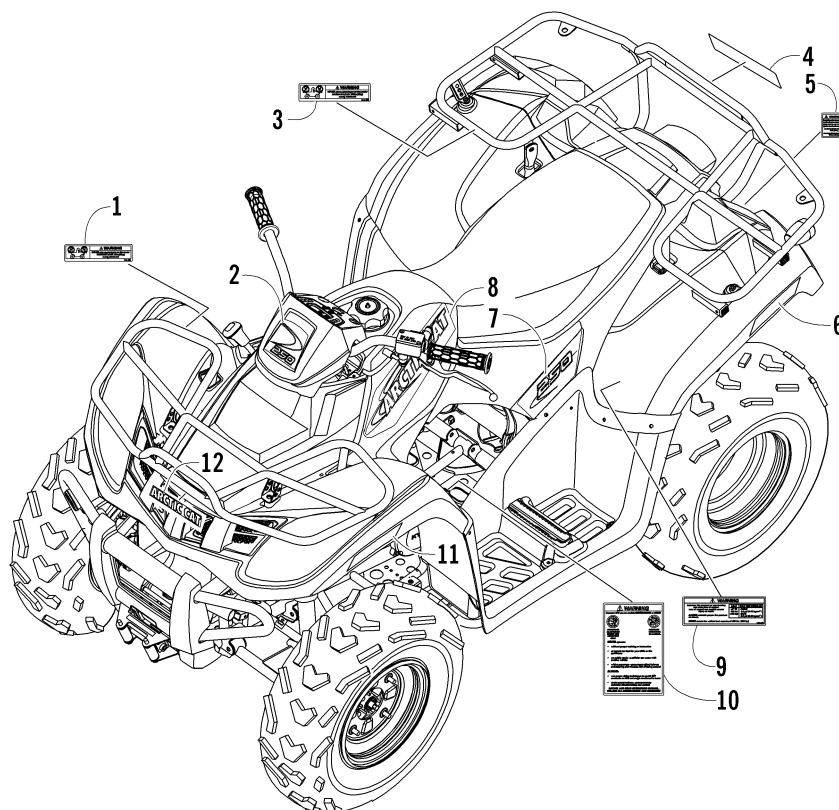
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-978</u>	1	Cover, Front - Red	9	<u>3304-651</u>	2	Screw, Self-Tapping
	<u>3303-979</u>	1	Cover, Front - Green (Green)	10	<u>3304-156</u>	2	Clip, Wire
2	<u>3304-029</u>	6	Bolt w/Washer	11	<u>3304-645</u>	4	Screw
3	<u>3303-721</u>	1	Grommet, Gas Tank Cover	12	<u>3303-981</u>	1	Grill, Front - Red
4	<u>3303-976</u>	1	Guide, Shift Handle		<u>3303-982</u>	1	Grill, Front - Green (Green)
5	<u>3304-650</u>	2	Screw, Self-Tapping	13	<u>3304-785</u>	1	Bumper, Front - Black
6	<u>3304-539</u>	1	Cover, Gas Tank - Red	14	<u>3303-313</u>	6	Bolt w/Washer
	<u>3304-540</u>	1	Cover, Gas Tank - Green (Green)	15	<u>3303-720</u>	1	Tube, Fuel Drain (inc. 16)
7	<u>3304-061</u>	6	Nut, Clip	16	<u>3303-349</u>	1	● Clip, Tube
8	<u>3303-974</u>	1	Fender, Front - Red				
	<u>3303-975</u>	1	Fender, Front - Green (Green)				



REAR BODY PANEL ASSEMBLY

0740-678

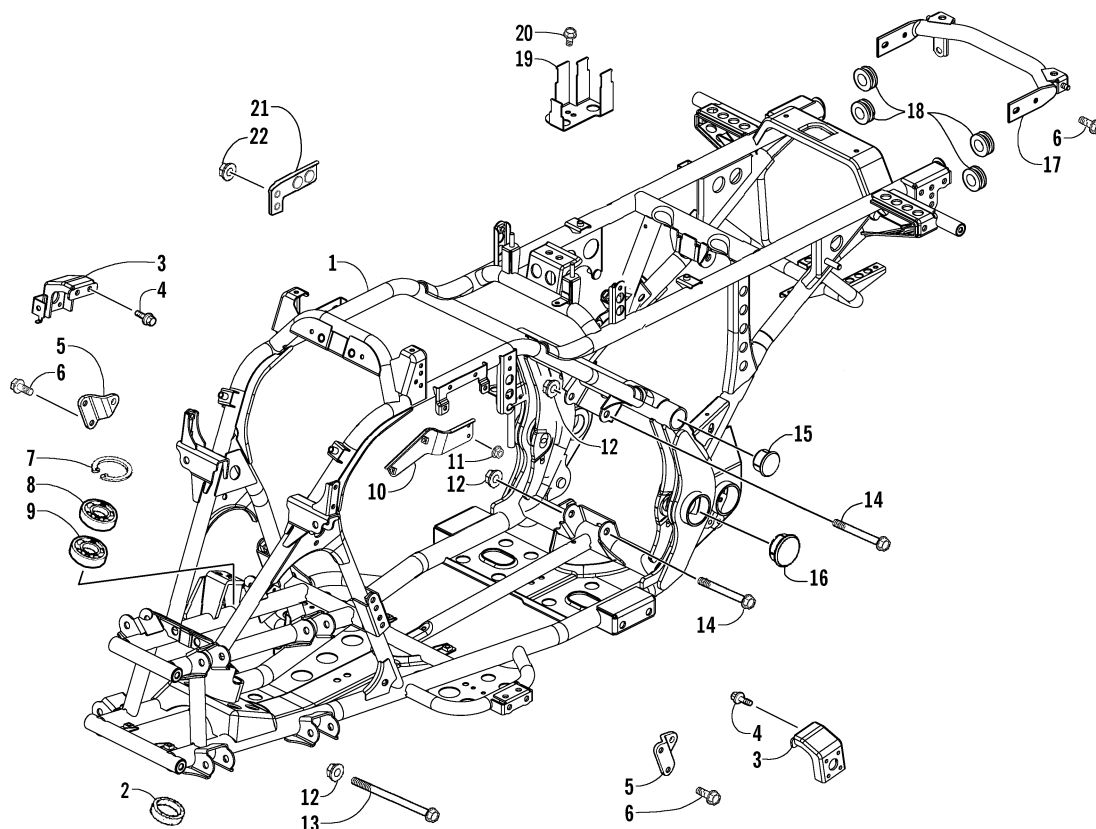
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-587	19	Bolt	8	3303-233	2	Collar, Insert
2	3303-991	1	Mud Guard, Floor - Right	9	3303-227	2	Grommet, Rubber
	3303-992	1	Mud Guard, Floor - Left	10	3304-650	10	Screw, Self-Tapping
3	3303-251	11	Screw	11	3303-232	2	Grommet, Rubber
4	3304-538	11	Nut	12	3304-061	2	Nut, Clip
5	3303-592	3	Clip, Mud Guard	13	3304-651	1	Screw, Self-Tapping
6	3303-997	1	Fender, Rear - Lower Right	14	3304-156	1	Clip, Wire
	3303-998	1	Fender, Rear - Lower Left	15	3304-784	1	Molding, Rear Fender - Red
7	3303-989	1	Fender, Rear - Red		3304-819	1	Molding, Rear Fender - Green (Green)
	3303-990	1	Fender, Rear - Green (Green)	16	3304-586	2	Bolt w/Washer



DECALS

0741-453R

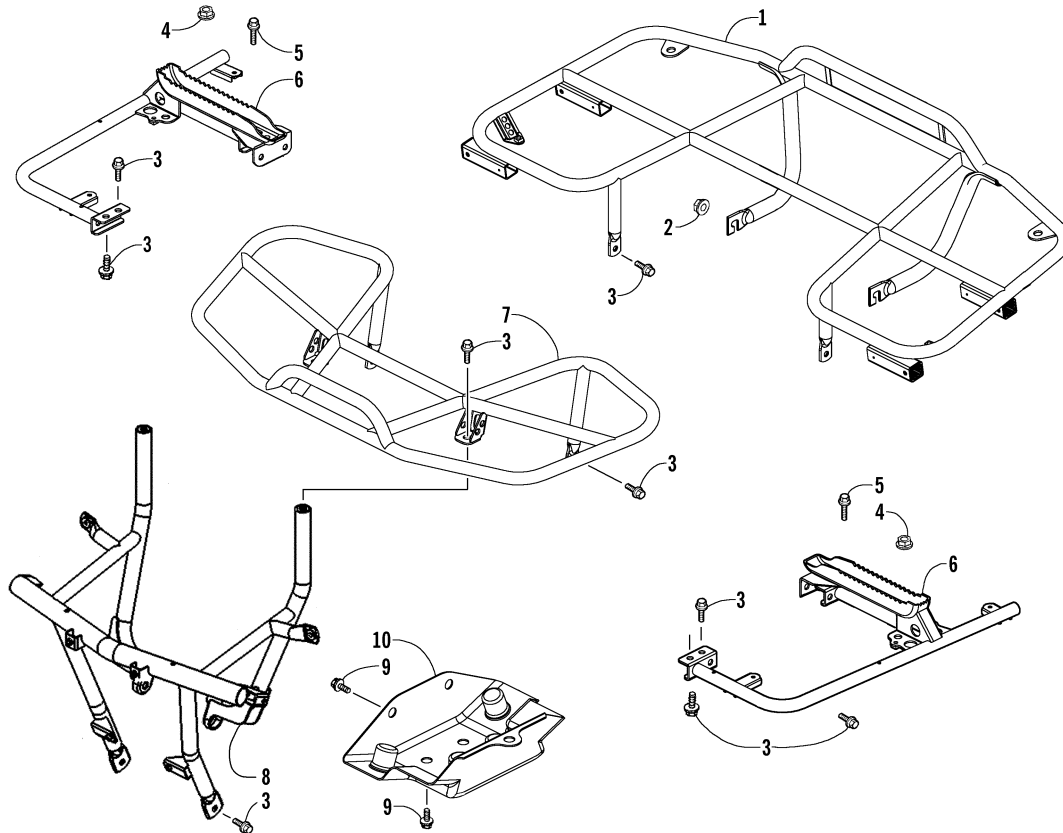
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>1411-201</u>	1	Decal, Warning - Rack	8	<u>1411-184</u>	1	Decal, Side - Upper Right
2	<u>1411-190</u>	1	Decal, Instrument Pod		<u>1411-185</u>	1	Decal, Side - Upper Left
	<u>1411-192</u>	1	Decal, Instrument Pod (Green)		<u>1411-186</u>	1	Decal, Side - Upper Right (Green)
3	<u>0411-576</u>	1	Decal, Warning - Rack		<u>1411-187</u>	1	Decal, Side - Upper Left (Green)
4	<u>0411-814</u>	1	Decal, "Arctic Cat" - White	9	<u>1411-108</u>	1	Decal, Warning - Tire/Load
5	<u>1411-102</u>	1	Decal, Warning - Towing	10	<u>1411-761</u>	1	Decal, Warning - General
6	<u>1411-178</u>	1	Decal, Reflector - Rear - Right	11	<u>1411-180</u>	1	Decal, Reflector - Front - Right
	<u>1411-179</u>	1	Decal, Reflector - Rear - Left		<u>1411-181</u>	1	Decal, Reflector - Front - Left
7	<u>1411-188</u>	1	Decal, Side - Lower Right	12	<u>1411-194</u>	1	Decal, Front
	<u>1411-189</u>	1	Decal, Side - Lower Left		<u>1411-193</u>	1	Decal, Front (Green)



FRAME AND RELATED PARTS ASSEMBLY

0741-454R

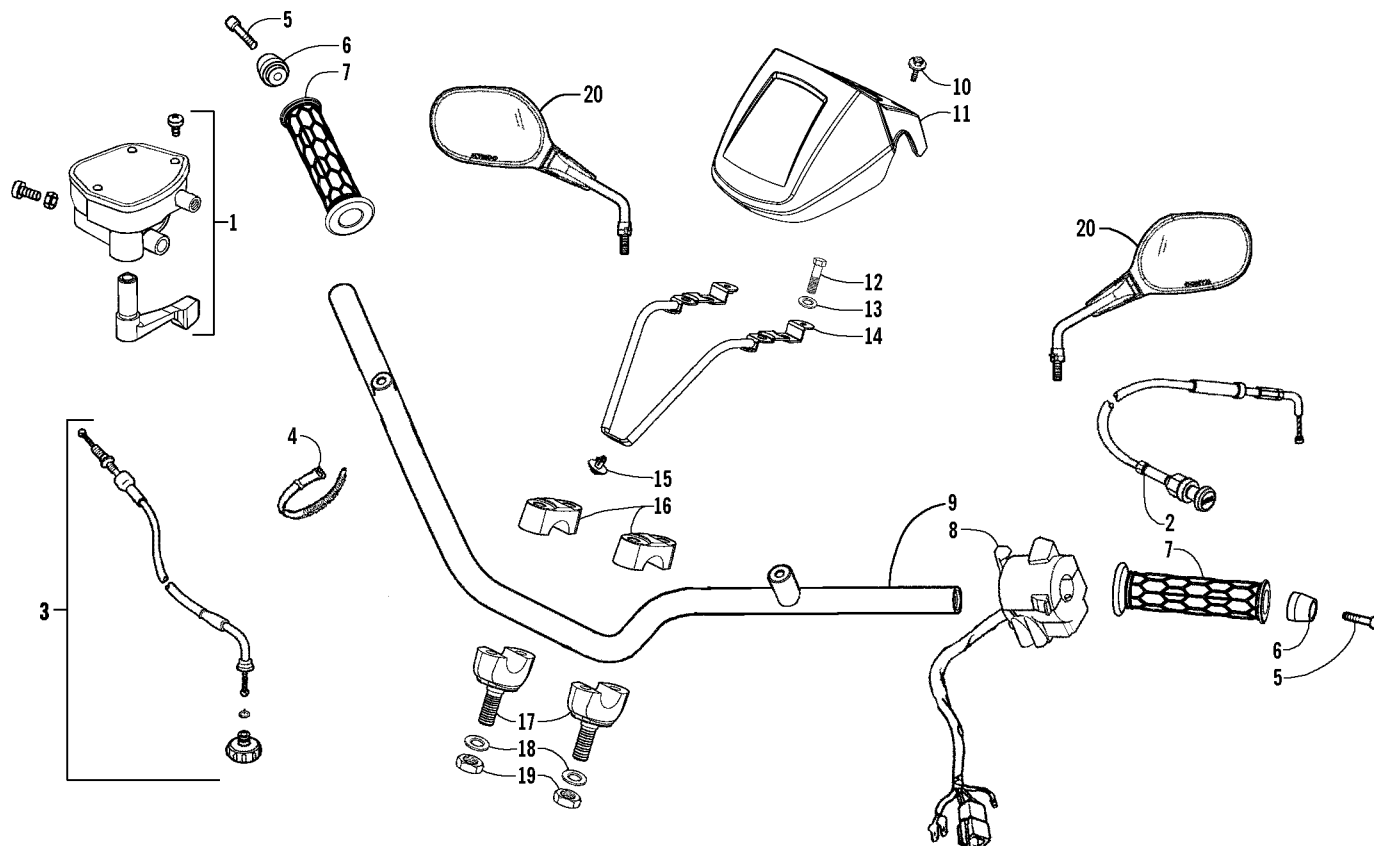
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-756	1	Frame, Main	12	3303-265	3	Nut
2	3304-064	1	Seal, Dust	13	3304-661	1	Screw, Cap
3	3303-942	1	Bracket, Mounting - Front Rack - Right	14	3304-660	2	Screw, Cap
	3303-943	1	Bracket, Mounting - Front Rack - Left	15	3304-658	2	Cap, End
4	3304-553	4	Screw, Cap	16	3303-999	2	Cap, End
5	3303-938	2	Bracket, Mounting - Engine	17	3304-761	1	Bracket, Mounting - Rear Rack
6	3304-543	8	Screw, Cap	18	3303-239	4	Grommet, Rubber
7	3304-150	1	Circlip	19	3303-934	1	Bracket, Mounting - Starter Relay
8	3304-203	1	Bearing	20	3304-409	1	Bolt w/Washer
9	3303-298	1	Seal, Oil	21	3304-655	1	Bracket, Mounting - Brake Switch
10	3303-935	1	Bracket, Mounting - Clutch/Gas Tank	22	3304-654	2	Nut
11	3304-654	4	Nut, Flange				



RACKS ASSEMBLY

0741-456R

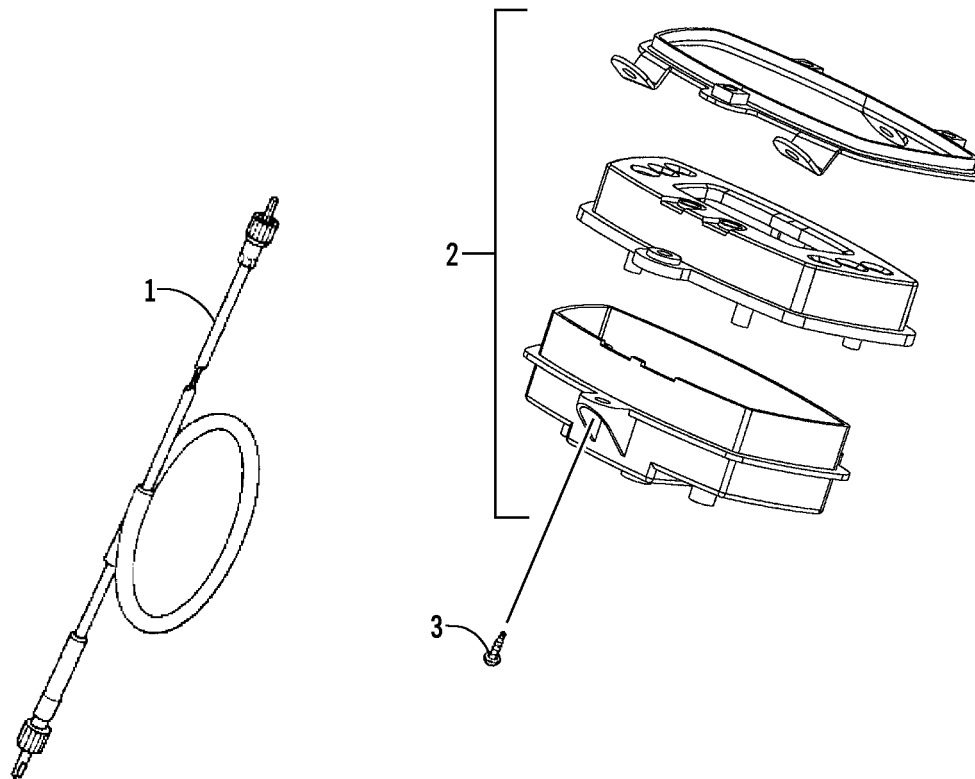
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-987</u>	1	Rack, Rear	7	<u>3304-805</u>	1	Rack, Front
2	<u>3304-668</u>	2	Nut, Flange	8	<u>3304-760</u>	1	Frame, Front Bumper
3	<u>3304-543</u>	18	Screw, Cap	9	<u>3304-544</u>	3	Screw, Cap
4	<u>3303-332</u>	2	Nut	10	<u>3303-871</u>	1	Plate, Skid - Assembly
5	<u>3304-667</u>	2	Bolt, Flange				
6	<u>3303-939</u>	1	Bracket, Floor Panel - Right				
	<u>3303-940</u>	1	Bracket, Floor Panel - Left				



HANDLEBAR AND CONTROLS ASSEMBLY

0741-471R

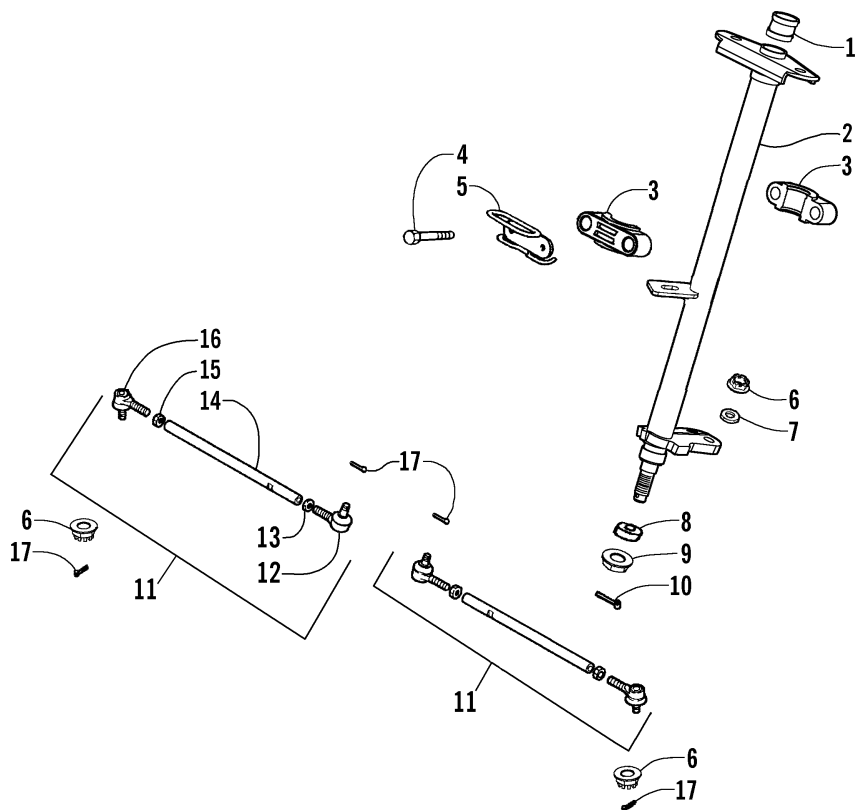
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-953</u>	1	Lever, Throttle - Assembly	12	<u>3305-400</u>	4	Bolt
2	<u>3304-765</u>	1	Cable, Choke	13	<u>3304-135</u>	4	Washer
3	<u>1502-094</u>	1	Cable, Throttle - Kit	14	<u>3303-951</u>	1	Bracket, Instrument Pod
4	<u>3303-839</u>	1	Cable Tie	15	<u>3304-552</u>	1	Clip
5	<u>3304-016</u>	2	Bolt w/Washer	16	<u>3303-954</u>	1	Holder, Handlebar - Upper
6	<u>3303-952</u>	2	Cap, End - Handlebar	17	<u>3303-955</u>	1	Holder, Handlebar - Lower
7	<u>3303-203</u>	2	Grip, Handlebar	18	<u>3304-336</u>	2	Washer
8	<u>3304-770</u>	1	Switch Assembly	19	<u>3303-325</u>	2	Nut
9	<u>3304-764</u>	1	Handlebar	20	<u>3304-803</u>	1	Mirror, Right - Assembly
10	<u>3304-029</u>	2	Bolt w/Washer		<u>3304-816</u>	1	Mirror, Left - Assembly
11	<u>3303-958</u>	1	Instrument Pod - Red				
	<u>3303-959</u>	1	Instrument Pod - Green (Green)				



SPEEDOMETER AND CABLE ASSEMBLY

0740-666

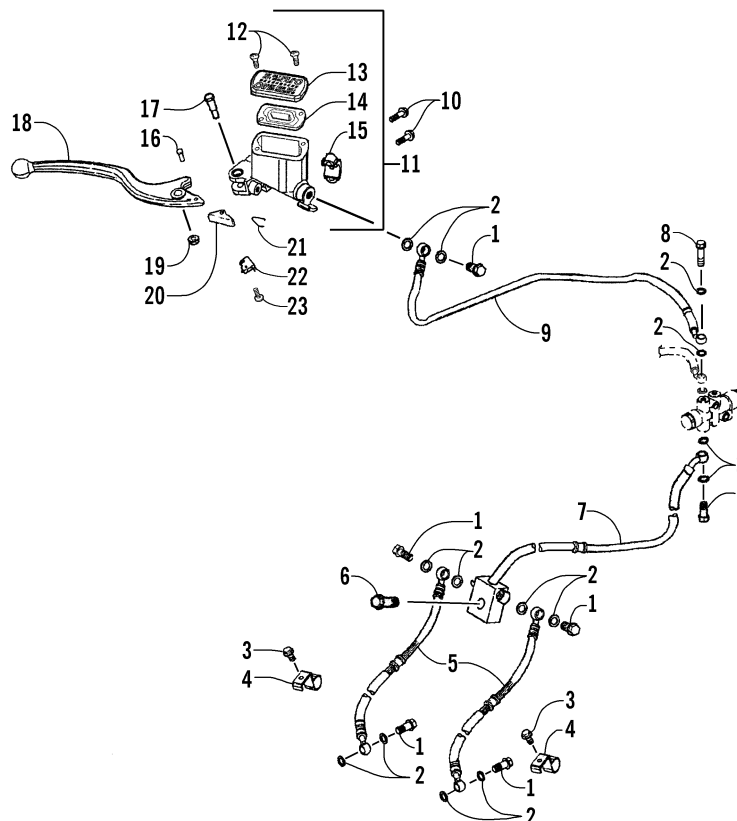
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-906</u>	1	Cable, Speedometer	3	<u>3304-645</u>	3	Screw
2	<u>3304-768</u>	1	Gauge, Speedometer - Assembly				



STEERING POST ASSEMBLY

0741-459R

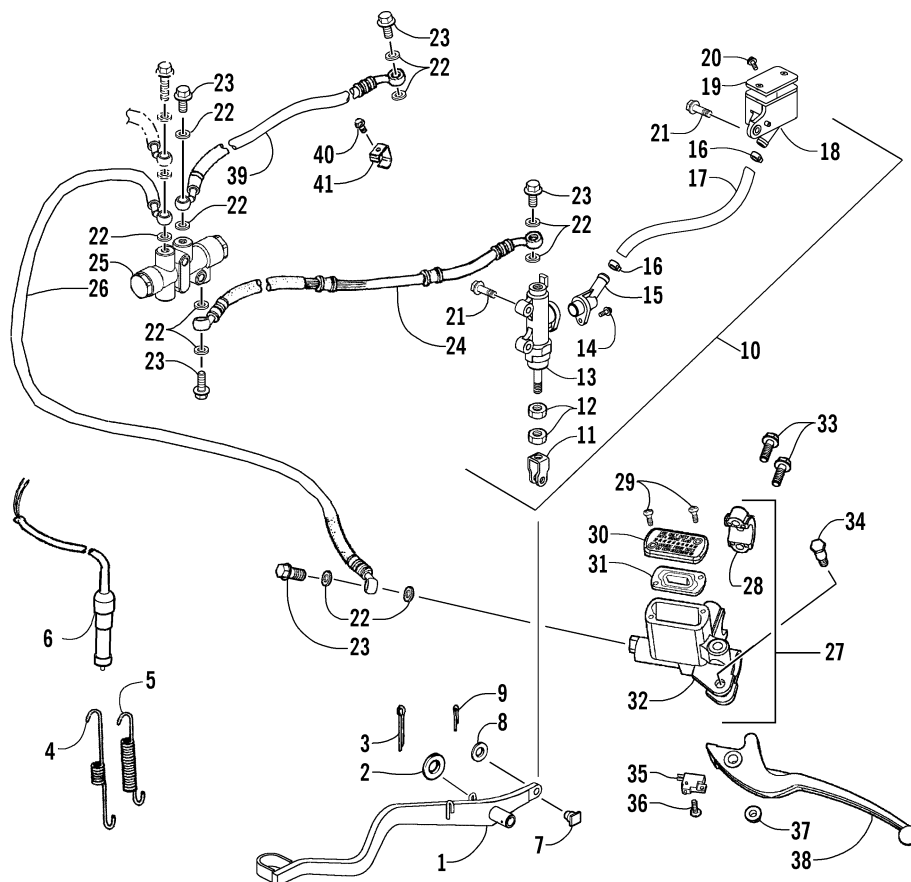
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-963	1	Bushing, Sleeve	10	3303-339	1	Pin, Cotter
2	3304-794	1	Post, Steering	11	3303-969	2	Tie Rod - Assembly (inc. 12-16)
3	3303-961	2	Block, Mounting - Steering Post	12	3303-973	2	● Ball Joint, Tie Rod - Left
4	3304-649	2	Screw, Cap	13	3303-327	2	● Nut, Hex - Left
5	3303-962	1	Clamp, Mounting Block	14	3304-376	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, Flange				



FRONT BRAKE HOSE AND HAND BRAKE ASSEMBLY

0742-336R

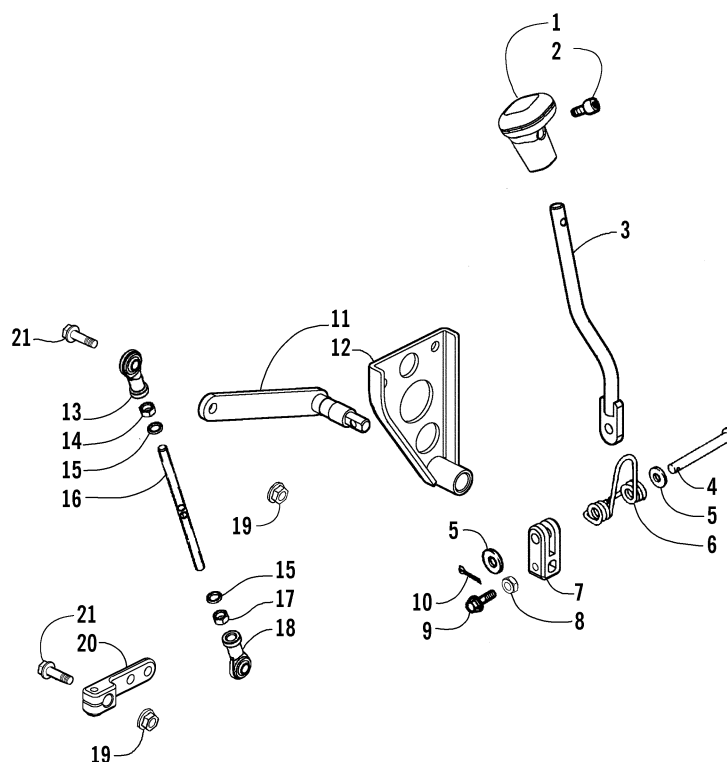
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-257</u>	6	Bolt, Banjo-Fitting	12	<u>3305-339</u>	2	● Screw, Flat-Head
2	<u>3303-284</u>	14	Washer, Crush	13	<u>3305-381</u>	1	● Cover, Master Cylinder
3	<u>3304-553</u>	2	Bolt, Flange	14	<u>3305-407</u>	1	● Diaphragm, Master Cylinder
4	<u>3303-919</u>	2	Clamp, Brake Hose - Front	15	<u>3303-175</u>	1	● Clamp, Master Cylinder
5	<u>3305-378</u>	1	Hose, Brake - Assembly - Front Right	16	<u>3305-384</u>	1	Screw, Hand Brake Lever
	<u>3303-916</u>	1	Hose, Brake - Assembly - Front Left	17	<u>3303-254</u>	1	Bolt, Hand Brake Lever
6	<u>3304-176</u>	1	Screw, Cap	18	<u>3305-386</u>	1	Lever, Hand Brake
7	<u>3305-379</u>	1	Hose, Brake w/Junction Block - Front	19	<u>3304-654</u>	1	Nut, Flange
8	<u>3304-674</u>	1	Bolt, Banjo-Fitting - Double	20	<u>3305-382</u>	1	Lock, Hand Brake Lever
9	<u>3304-788</u>	1	Hose, Brake - Assembly - Front	21	<u>3305-383</u>	1	Spring
10	<u>3304-189</u>	2	Screw, Cap	22	<u>3305-373</u>	1	Switch, Hand Brake
11	<u>3305-385</u>	1	Master Cylinder, Hand Brake - Assembly - Front (inc. 12-15)	23	<u>3304-427</u>	1	Screw



REAR BRAKE HOSE, HAND BRAKE, AND FOOT BRAKE ASSEMBLY

0742-321R *Not a Service Part

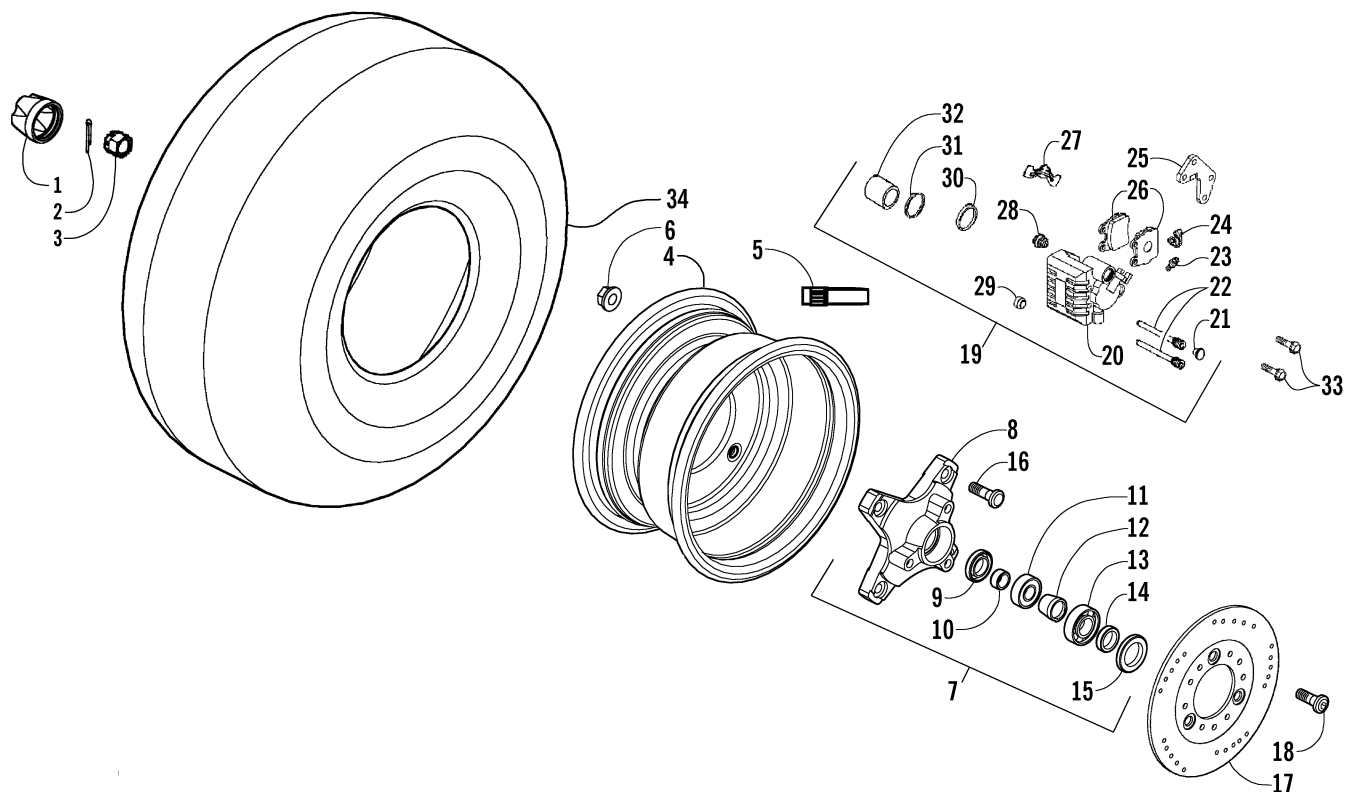
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-926	1	Lever, Foot Brake	22	3303-284	11	Washer, Crush
2	3304-139	2	Washer	23	3303-257	5	Bolt, Banjo-Fitting
3	3304-143	1	Pin	24	3304-787	1	Hose, Foot Brake - Assembly
4	3303-855	1	Spring, Stop - Foot Brake Lever	25	3304-792	1	PGV Assembly
5	3303-929	1	Spring, Set - Foot Brake Lever	26	3304-790	1	Hose, Hand Brake - Assembly - Rear
6	3303-854	1	Switch, Foot Brake	27	3305-376	1	Master Cylinder, Hand Brake - Assembly - Rear (inc. 28-32)
7	3303-927	1	Pin, Clevis	28	3303-175	1	● Holder
8	3304-050	1	Washer	29	3303-318	2	● Screw
9	3304-141	1	Pin, Cotter	30	3305-381	1	● Cover, Master Cylinder
10	3304-797	1	Master Cylinder, Foot Brake - Assembly (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	3304-189	2	Screw
13	*	1	● Master Cylinder	34	3303-254	1	Bolt, Hand Brake Lever
14	3303-321	1	● Screw w/Washer	35	3303-141	1	Switch, Hand Brake
15	3304-307	1	● Connector	36	3303-321	1	Screw w/Washer
16	3303-895	2	● Clamp, Brake 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	3303-890	1	Hose, Brake - Assembly - Rear
19	3304-332	1	● Cover, Brake Reservoir	40	3303-356	1	Screw, Cap
20	3304-119	2	● Screw, Flat-Head	41	3303-891	1	Clamp, Brake Hose
21	3304-551	3	Screw, Cap				



SHIFT LEVER ASSEMBLY

0740-680

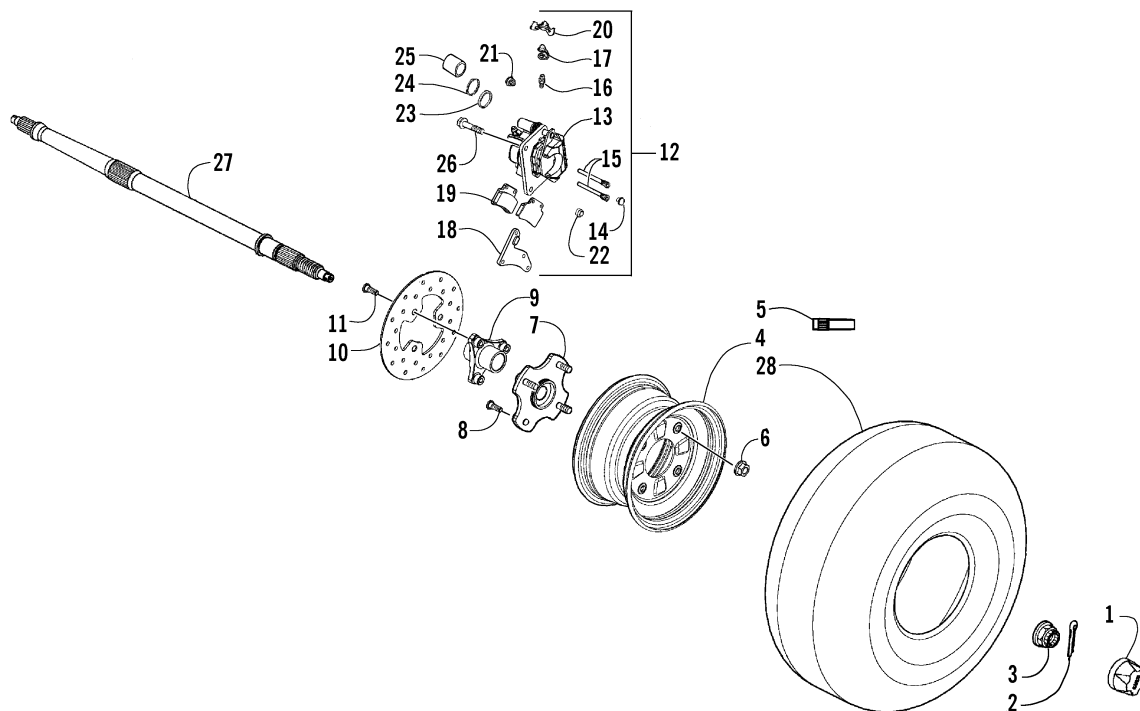
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-823</u>	1	Handle, Gear Shift Rod	12	<u>3305-299</u>	1	Cover, Gear Shift
2	<u>3304-401</u>	1	Bolt, Socket	13	<u>3303-970</u>	1	Ball Joint, Tie Rod - Right
3	<u>3303-816</u>	1	Rod, Gear Shift	14	<u>3304-125</u>	1	Nut, Hex
4	<u>3303-817</u>	1	Pin, Gear Shift	15	<u>3303-607</u>	2	Washer
5	<u>3304-138</u>	2	Washer	16	<u>3303-822</u>	1	Tie Rod
6	<u>3303-818</u>	1	Spring, Gear Shift	17	<u>3304-126</u>	1	Nut, Hex
7	<u>3303-819</u>	1	Bracket, Gear Shift	18	<u>3303-972</u>	1	Ball Joint, Tie Rod - Left
8	<u>3304-127</u>	1	Nut, Hex	19	<u>3303-332</u>	4	Nut
9	<u>3304-188</u>	1	Bolt, Flange	20	<u>3303-814</u>	1	Link, Gear Shift
10	<u>3304-142</u>	1	Pin, Cotter	21	<u>3304-662</u>	2	Screw, Cap
11	<u>3303-821</u>	1	Lever, Gear Shift				



FRONT WHEELS AND BRAKE ASSEMBLY

0740-673 *Not a Service Part

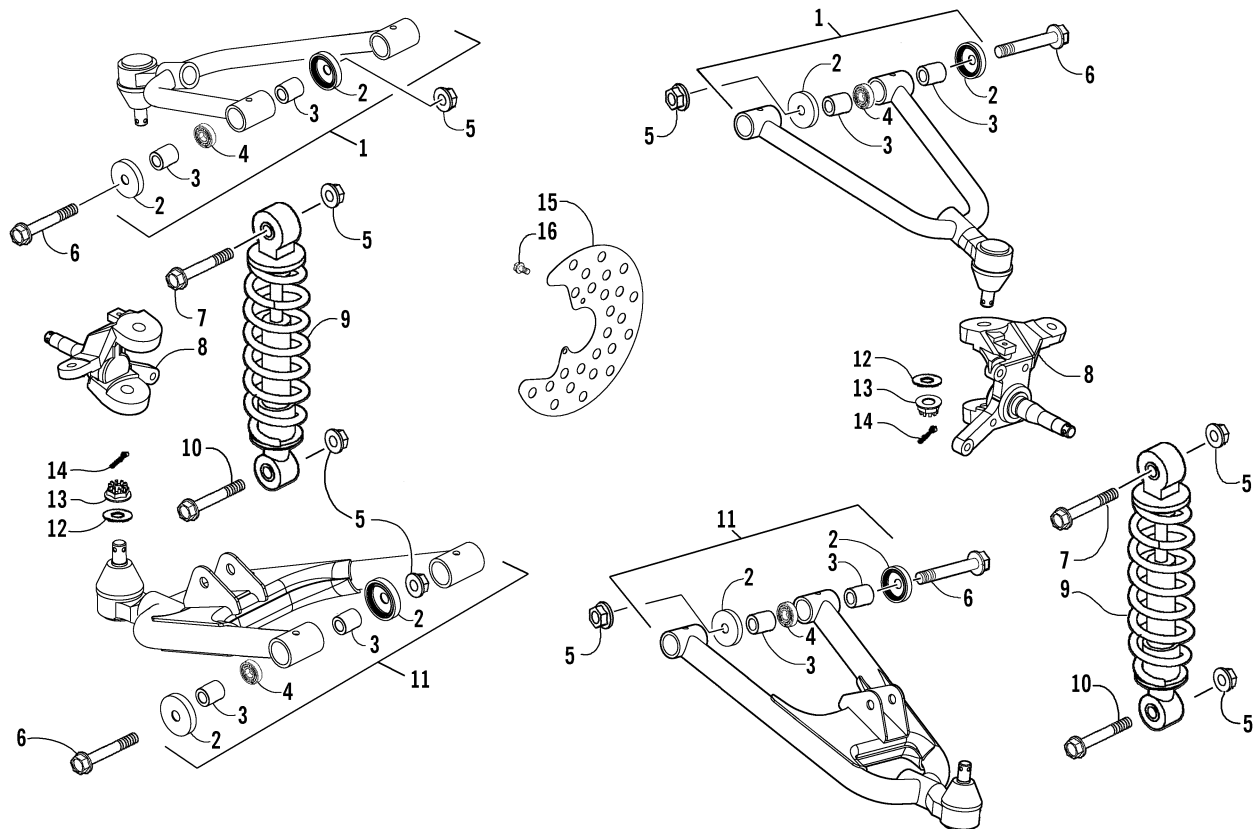
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-931	2	Cap, Wheel	20	*	1	● Housing, Caliper - Assembly - Right
2	3303-340	2	Pin, Cotter		*	1	● Housing, Caliper - Assembly - Left
3	3303-330	2	Nut	21	3304-334	2	● Plug
4	3303-902	2	Wheel, Front	22	3304-326	4	● Pin
5	3304-562	2	Valve, Wheel	23	3304-330	2	● Valve, Bleed
6	3304-028	8	Nut, Wheel	24	3304-331	2	● Cap, Bleed Valve
7	3303-903	2	Hub, Wheel - Assembly - Front (inc. 8-16)	25	3304-317	1	● Bracket, Right
8	*	2	● Hub, Wheel - Front		3304-328	1	● Bracket, Left
9	3304-089	2	● Seal, Oil	26	3305-258	2	● Pad, Brake - Set
10	3303-898	2	● Collar, Wheel - Inside	27	3304-315	2	● Spring, Brake Pad
11	3304-200	2	● Bearing	28	3304-322	2	● Boot A
12	3303-900	2	● Collar, Wheel - Center	29	3304-329	2	● Bushing
13	3304-202	2	● Bearing	30	3305-380	2	● Seal, Piston - Inner
14	3303-899	2	● Collar, Wheel - Outside	31	3305-377	2	● Seal, Dust - Outer
15	3304-088	2	● Seal, Oil	32	3303-909	2	● Piston
16	3304-014	8	● Bolt, Hub	33	3304-174	4	Screw, Cap
17	3303-912	1	Disc, Brake - Front - Right	34	3303-904	2	Tire, Front
	3303-918	1	Disc, Brake - Front - Left				
18	3304-015	6	Bolt				
19	3304-795	1	Caliper Assembly - Front - Right (inc. 20-32)				
	3304-796	1	Caliper Assembly - Front - Left (inc. 20-32)				



REAR WHEELS, AXLE, AND BRAKE ASSEMBLY

0740-675 *Not a Service Part

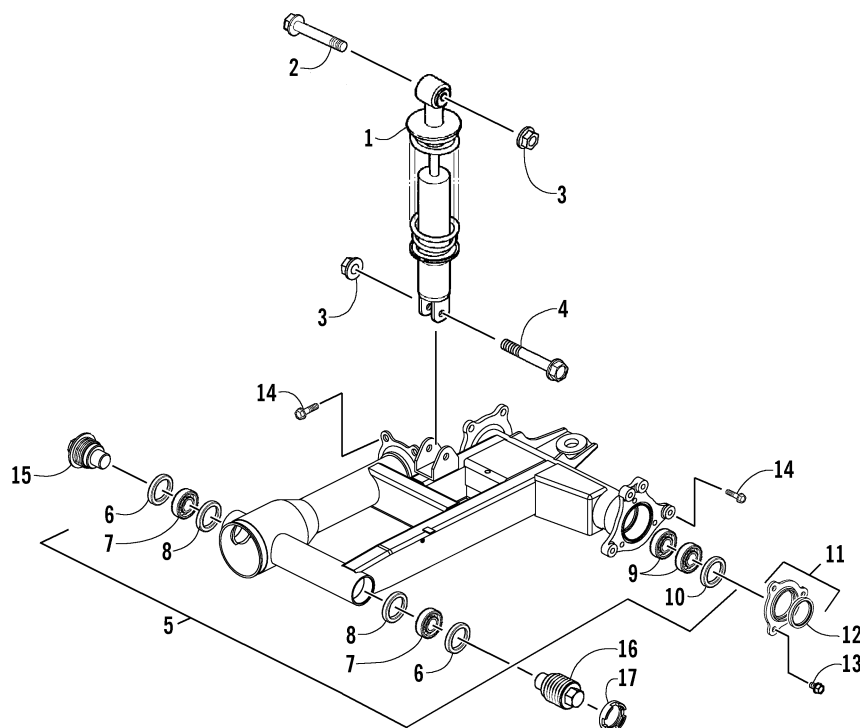
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-931</u>	2	Cap, Wheel	15	<u>3304-326</u>	4	● Pin
2	<u>3303-340</u>	2	Pin, Cotter	16	<u>3304-330</u>	2	● Bleed Valve
3	<u>3304-129</u>	2	Nut	17	<u>3304-331</u>	2	● Cap, Bleed Valve
4	<u>3303-883</u>	2	Wheel, Rear	18	<u>3303-911</u>	2	● Bracket
5	<u>3304-562</u>	2	Valve, Wheel	19	<u>3303-908</u>	2	● Pad, Brake - Set
6	<u>3304-028</u>	8	Nut, Wheel	20	<u>3304-315</u>	2	● Spring, Brake Pad
7	<u>3304-296</u>	2	Hub, Wheel - Rear (inc. 8)	21	<u>3304-322</u>	2	● Boot A
8	<u>3304-014</u>	8	● Bolt, Hub	22	<u>3304-329</u>	2	● Bushing
9	<u>3303-893</u>	1	Hub, Brake Disc	23	<u>3305-380</u>	1	● Seal, Piston - Inner - Foot Brake
10	<u>3303-913</u>	1	Disc, Brake - Rear	23	<u>3303-922</u>	1	● Seal, Piston - Inner - Hand Brake
11	<u>3304-015</u>	3	Bolt	24	<u>3305-377</u>	1	● Seal, Dust - Outer - Foot Brake
12	<u>3303-888</u>	1	Caliper Assembly - Foot Brake (inc. 13-25)	24	<u>3303-910</u>	1	● Seal, Dust - Outer - Hand Brake
	<u>3303-892</u>	1	Caliper Assembly - Hand Brake (inc. 13-25)	25	<u>3304-314</u>	1	● Piston - Foot Brake
13	*	1	● Housing, Caliper - Assembly - Right	26	<u>3303-368</u>	4	Screw, Cap
	*	1	● Housing, Caliper - Assembly - Left	27	<u>3303-882</u>	1	Axle, Wheel - Rear
14	<u>3304-334</u>	2	● Plug	28	<u>3303-885</u>	2	Tire, Rear



FRONT SUSPENSION ASSEMBLY

0740-682

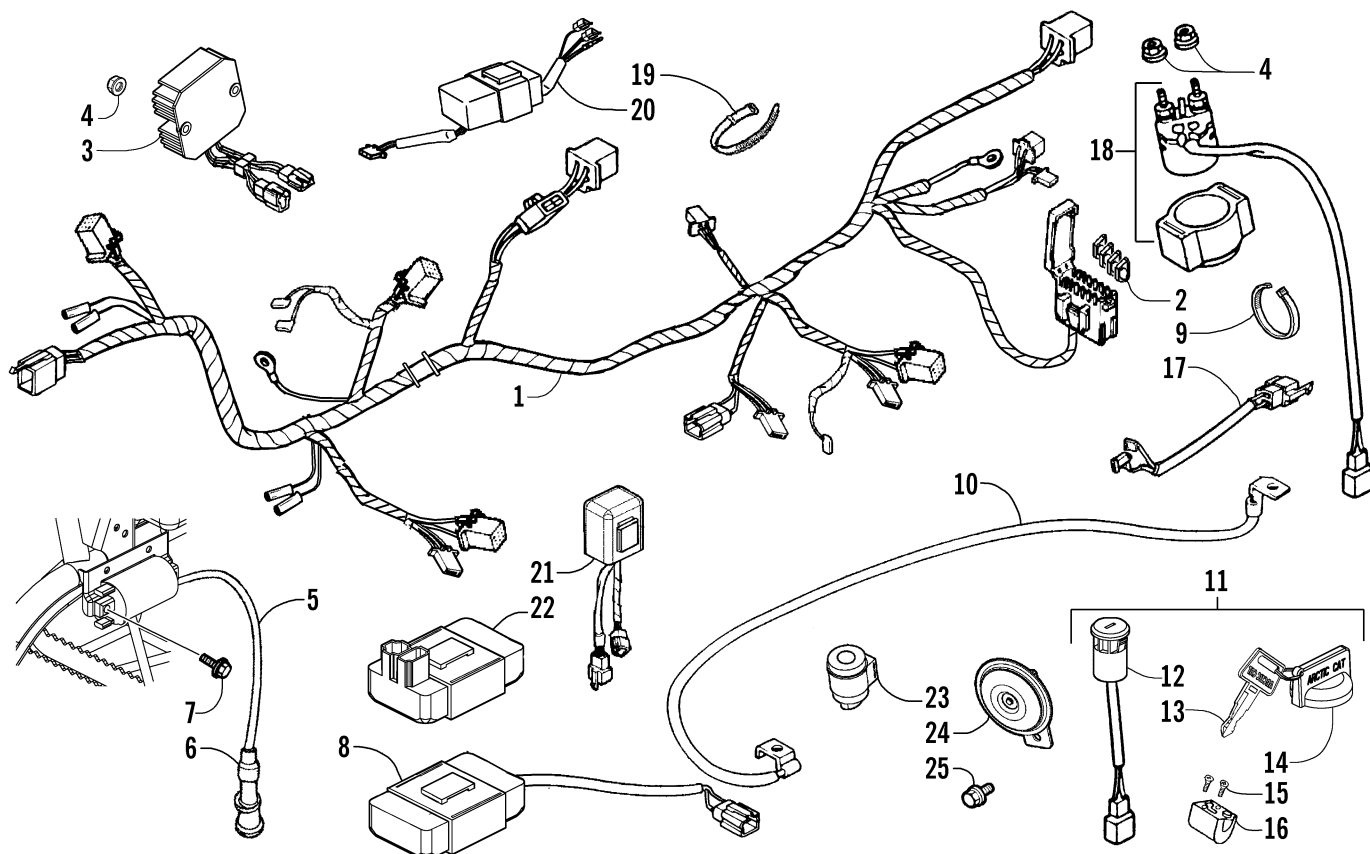
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-964	1	A-Arm Assembly - Upper Right (inc. 2-4)	9	3303-941	2	Cushion - Assembly - Front
	3303-967	1	A-Arm Assembly - Upper Left (inc. 2-4)	10	3304-595	2	Bolt, Flange
2	3304-090	16	● Seal, Oil	11	3303-966	1	A-Arm Assembly - Lower Right (inc. 2-4)
3	3304-689	16	● Bushing, Swing Arm		3303-968	1	A-Arm Assembly - Lower Left (inc. 2-4)
4	3304-199	8	● Bearing	12	3303-335	4	Washer
5	3303-265	12	Nut	13	3303-328	4	Nut, Castle
6	3304-663	8	Bolt, Flange	14	3303-339	4	Pin, Cotter
7	3303-376	2	Bolt, Flange	15	3303-920	2	Guard, Brake Disc
8	3303-930	1	Knuckle - Assembly - Right	16	3304-664	4	Bolt, Flange
	3303-932	1	Knuckle - Assembly - Left				



REAR SUSPENSION ASSEMBLY

0740-683

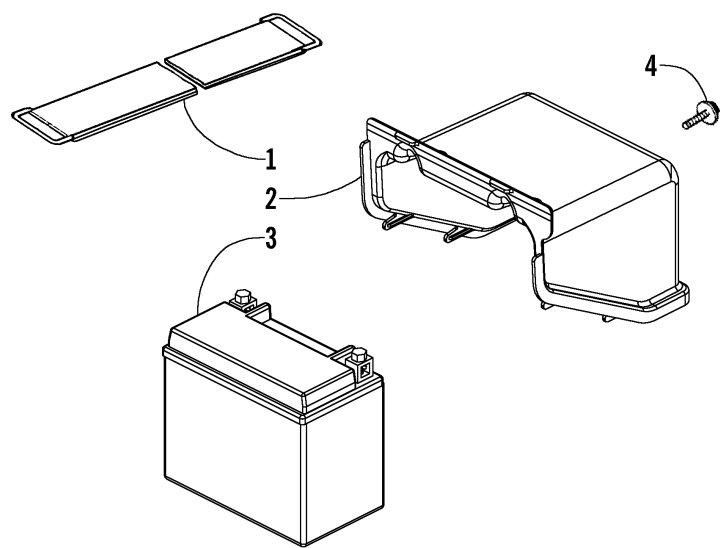
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-949</u>	1	Cushion - Assembly - Rear	10	<u>3304-106</u>	1	● O-Ring
2	<u>3304-665</u>	1	Bolt, Flange	11	<u>3303-948</u>	1	Gasket w/Seal (inc. 12)
3	<u>3303-265</u>	2	Nut	12	<u>3304-084</u>	1	● Seal, Oil
4	<u>3304-185</u>	1	Bolt, Flange	13	<u>3304-544</u>	3	Screw, Cap
5	<u>3303-944</u>	1	Fork - Assembly - Rear (inc. 6-10)	14	<u>3304-181</u>	8	Screw, Cap
6	<u>3304-086</u>	2	● Seal, Dust	15	<u>3304-018</u>	1	Bolt, Right
7	<u>3304-666</u>	2	● Bearing	16	<u>3304-019</u>	1	Bolt, Left
8	<u>3303-946</u>	2	● Seal, Grease	17	<u>3304-020</u>	1	Nut
9	<u>3304-201</u>	2	● Bearing				



ELECTRICAL AND WIRING HARNESS ASSEMBLY

0742-343R *Not a Service Part

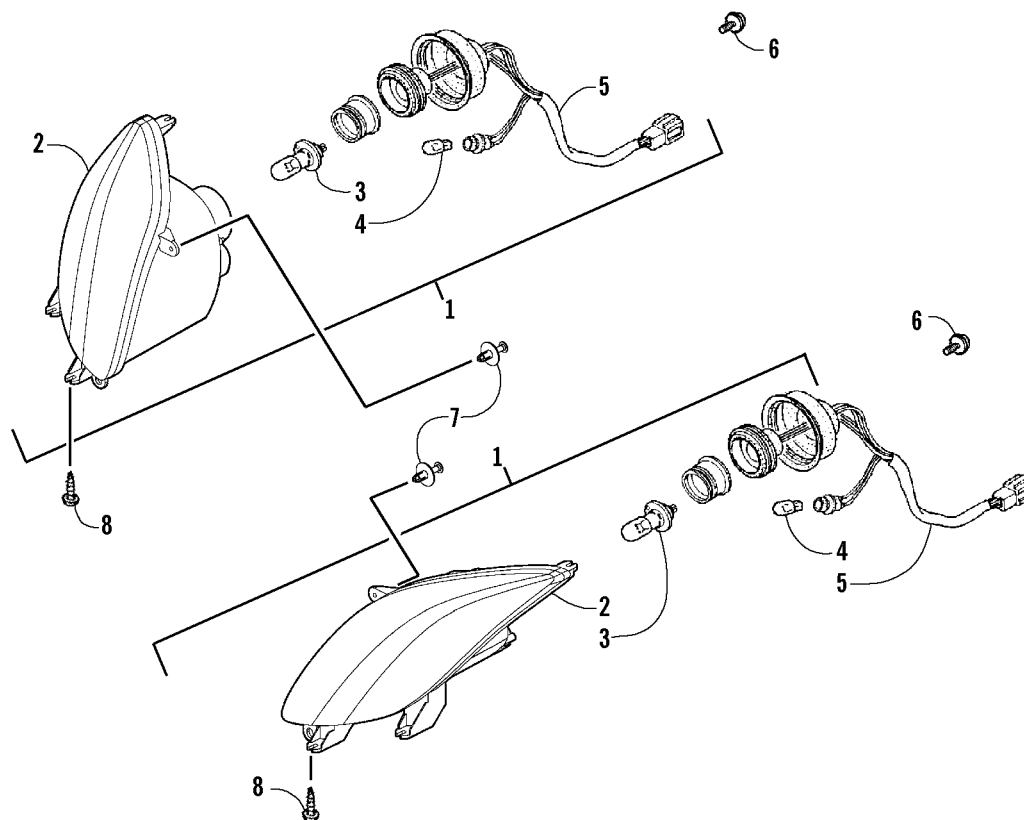
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3304-769</u>	1	Harness, Main (inc. 2)	13	<u>3305-371</u>	1	● Key, Ignition - Set - Right-Side Cut
2	<u>3304-210</u>	1	● Fuse - 10 Amp		<u>3305-372</u>	1	● Key, Ignition - Set - Left-Side Cut
	<u>3304-211</u>	2	● Fuse - 15 Amp	14	<u>3304-522</u>	1	● Cover, Key - "Arctic Cat"
	<u>3304-212</u>	1	● Fuse - 30 Amp	15	<u>3305-395</u>	2	● Screw
3	<u>3303-836</u>	1	Regulator, Voltage	16	<u>3305-391</u>	1	● Lock, Steering
4	<u>3303-331</u>	4	Nut	17	<u>3303-134</u>	1	Sub-Cord
5	<u>3303-830</u>	1	Coil, Ignition (inc. 6)	18	<u>3303-857</u>	1	Relay, Starter
6	<u>3303-831</u>	1	● Cap, Noise Suppression	19	<u>3303-840</u>	2	Cable Tie
7	<u>3303-382</u>	2	Screw, Cap	20	<u>3304-778</u>	1	Control, Hazard Lights
8	<u>3304-775</u>	1	CDI Unit	21	<u>3304-779</u>	1	Filter, EMI - Fan Motor
9	<u>3303-840</u>	1	Cable Tie	22	<u>3304-783</u>	1	Control, Gear Change
10	<u>3303-841</u>	1	Cable, Battery	23	<u>3304-777</u>	1	Relay, Turn Signal
11	<u>3304-771</u>	1	Switch, Ignition - Assembly (inc. 12-16)	24	<u>3304-776</u>	1	Horn
12	*	1	● Switch, Ignition	25	<u>3304-544</u>	1	Screw, Cap



BATTERY ASSEMBLY

0740-677

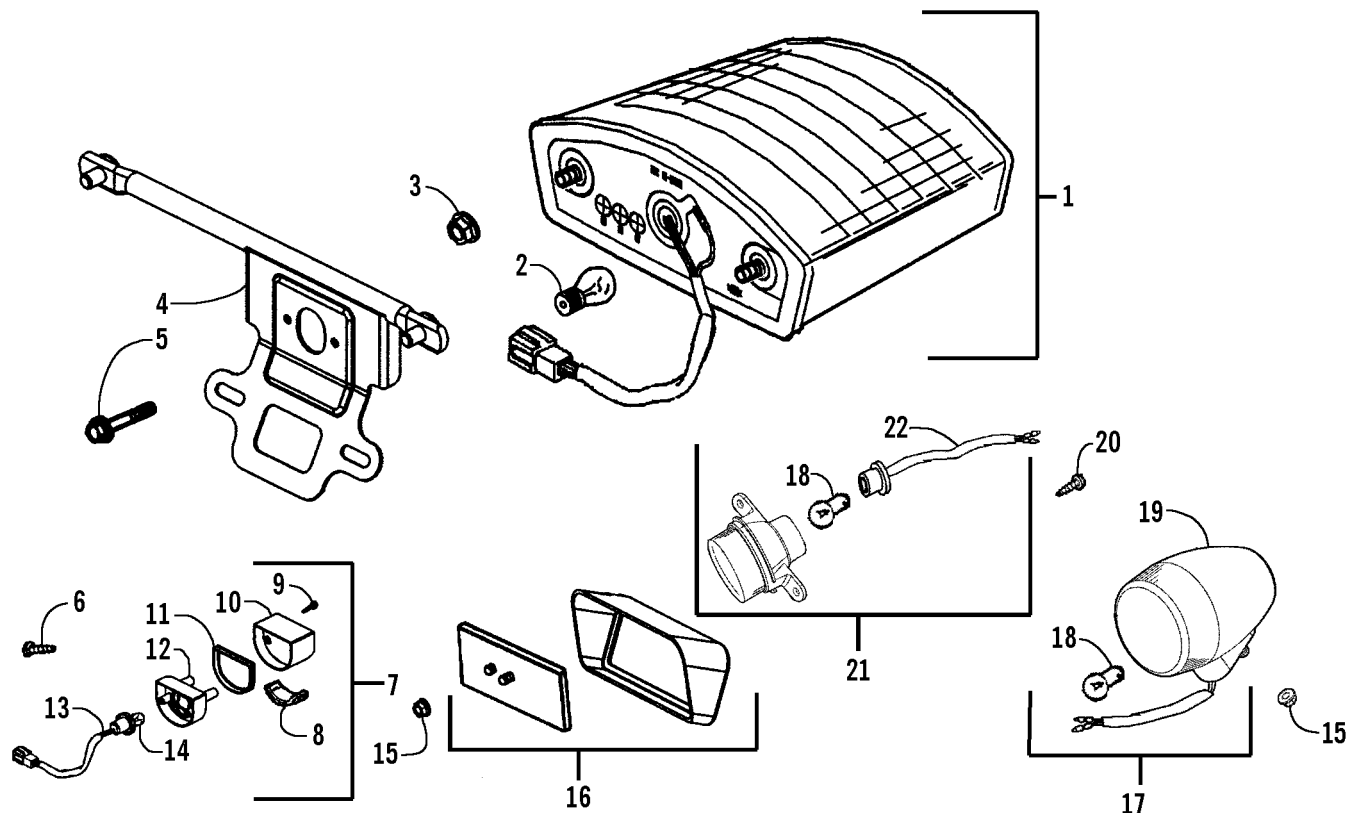
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-937</u>	1	Strap, Battery	3	<u>3304-275</u>	1	Battery
2	<u>3303-995</u>	1	Cover, Battery - Red	4	<u>3304-029</u>	2	Bolt
	<u>3303-996</u>	1	Cover, Battery - Green (Green)				



HEADLIGHT ASSEMBLY

0740-665 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-844</u>	1	Headlight - Assembly - Right (inc. 2-5)	4	<u>3303-847</u>	2	● Bulb, Position
	<u>3303-845</u>	1	Headlight - Assembly - Left (inc. 2-5)	5	*	2	● Socket Assembly
2	<u>3304-643</u>	1	● Lens, Headlight - Right	6	<u>3304-587</u>	2	Screw w/Washer
	<u>3304-644</u>	1	● Lens, Headlight - Left	7	<u>3304-057</u>	2	Clip, Fender
3	<u>3303-846</u>	2	● Bulb, Headlight	8	<u>3304-645</u>	6	Screw, Self-Tapping

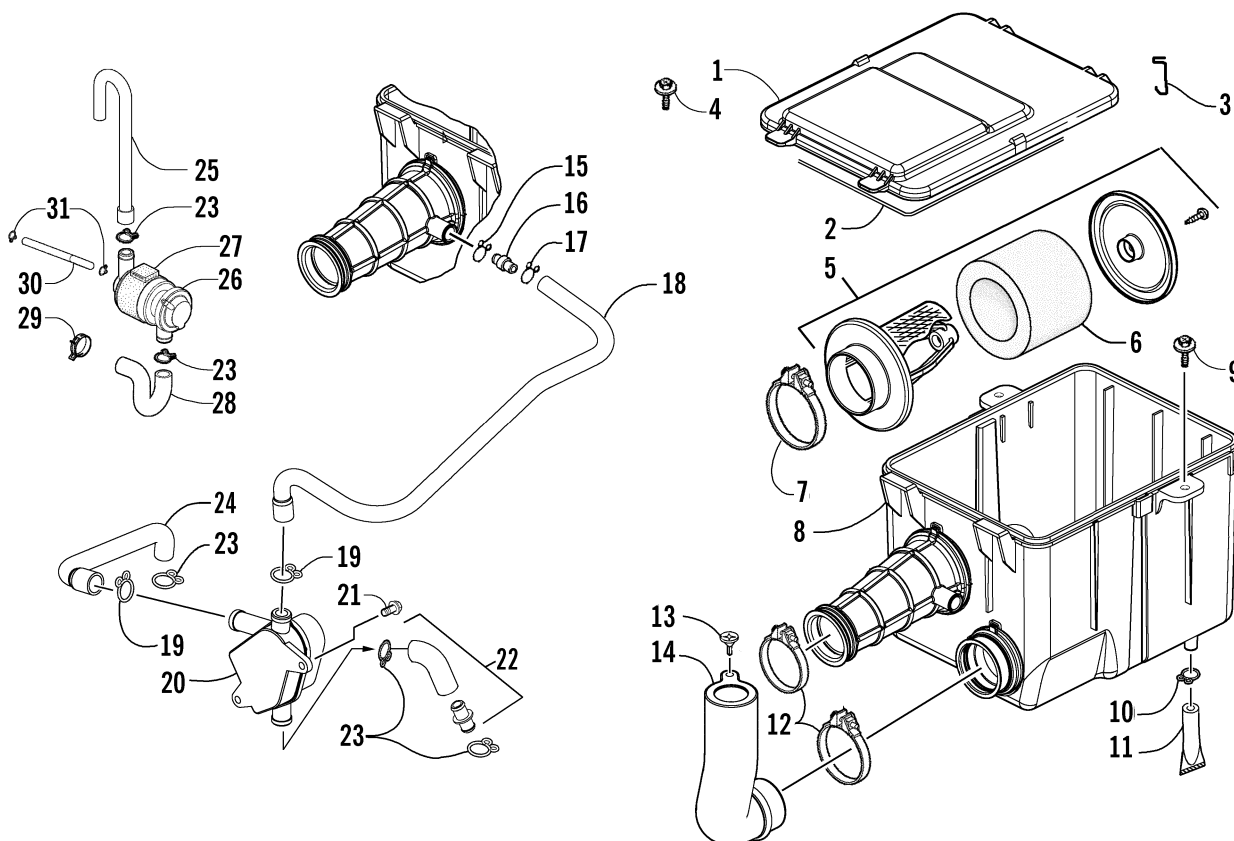


TAILLIGHT, TURN SIGNALS, AND LICENSE PLATE HOLDER ASSEMBLIES

0741-469R

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3304-782</u>	1	Taillight - Assembly (inc. 2)	16	<u>3304-773</u>	1	Reflector - Assembly - Rear - Right
2	<u>3303-444</u>	1	● Bulb, Taillight		<u>3304-814</u>	1	Reflector - Assembly - Rear - Left
3	<u>3303-331</u>	2	Nut, Flange	17	<u>3304-781</u>	1	Turn Signal - Assembly - Rear - Right (inc. one No. 18-19)
4	<u>3304-762</u>	1	Bracket, License Plate		<u>3304-815</u>	1	Turn Signal - Assembly - Rear - Left (inc. one No. 18-19)
5	<u>3304-543</u>	2	Screw, Cap	18	<u>3304-825</u>	4	● Bulb, Turn Signal
6	<u>3304-651</u>	2	Screw	19	<u>3305-358</u>	2	● Lens, Turn Signal
7	<u>3304-772</u>	1	Light, License Plate - Assembly (inc. 8-14)	20	<u>3304-645</u>	4	Screw, Self-Tapping
8	<u>3305-368</u>	1	● Lens, License Plate Light	21	<u>3304-766</u>	1	Turn Signal - Assembly - Front - Right (inc. one No. 18 and 22)
9	<u>3305-399</u>	1	● Screw, Self-Tapping		<u>3304-813</u>	1	Turn Signal - Assembly - Front - Left (inc. one No. 18 and 22)
10	<u>3305-365</u>	1	● Cover, License Plate Light	22	<u>3305-359</u>	1	● Harness, Turn Signal - Rear - Right
11	<u>3305-366</u>	1	● Gasket, License Plate Light		<u>3305-360</u>	1	● Harness, Turn Signal - Rear - Left
12	<u>3305-367</u>	1	● Base, License Plate Light				
13	<u>3305-369</u>	1	● Harness, License Plate Light				
14	<u>3303-847</u>	1	● Bulb, License Plate Light				
15	<u>3304-774</u>	4	Nut				

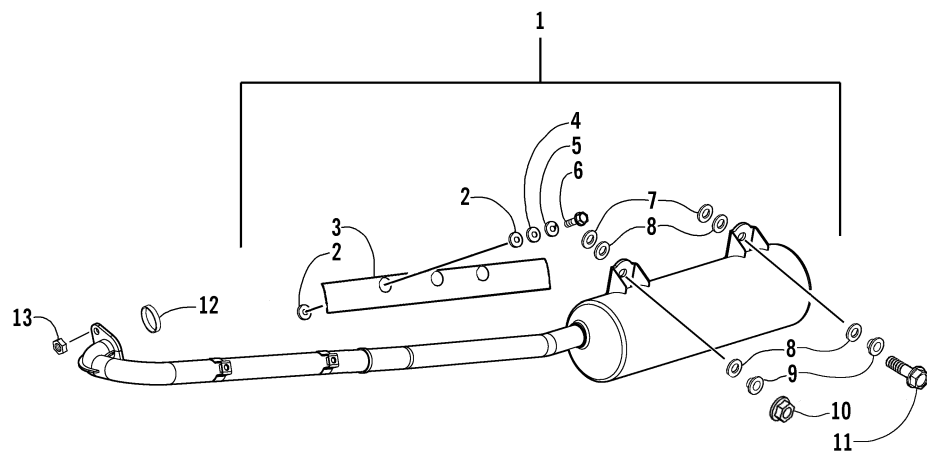
20



AIR INTAKE ASSEMBLY

0741-487R *Not a Service Part

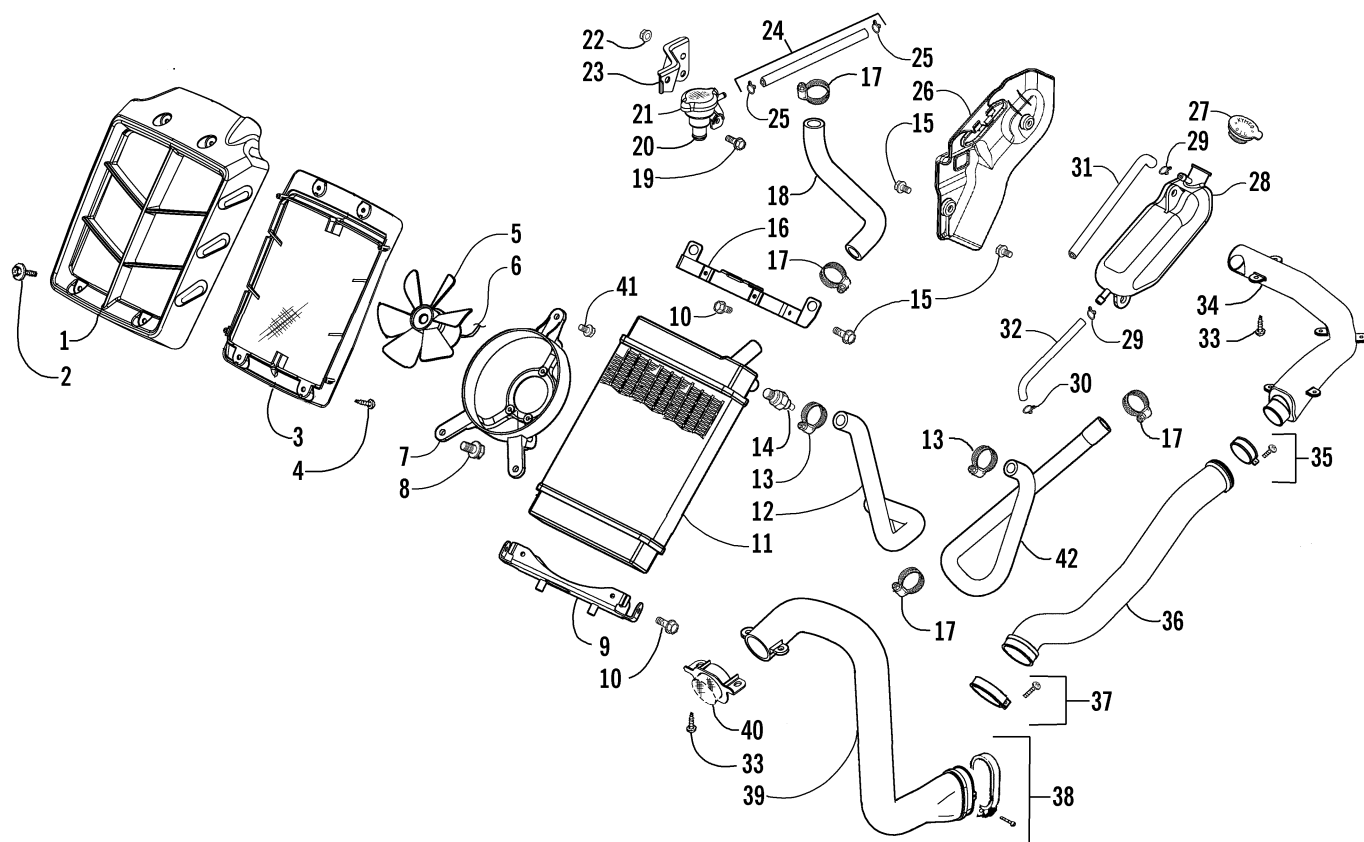
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-705</u>	1	Cover, Air Filter Housing	17	<u>3304-167</u>	1	Clip, Tube
2	<u>3303-703</u>	1	Seal, Air Filter Housing Cover	18	<u>3303-734</u>	1	Tube B - Oil Catch (inc. one No. 19)
3	<u>3303-708</u>	4	Clip, Spring	19	<u>3303-714</u>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



EXHAUST ASSEMBLY

0741-461R

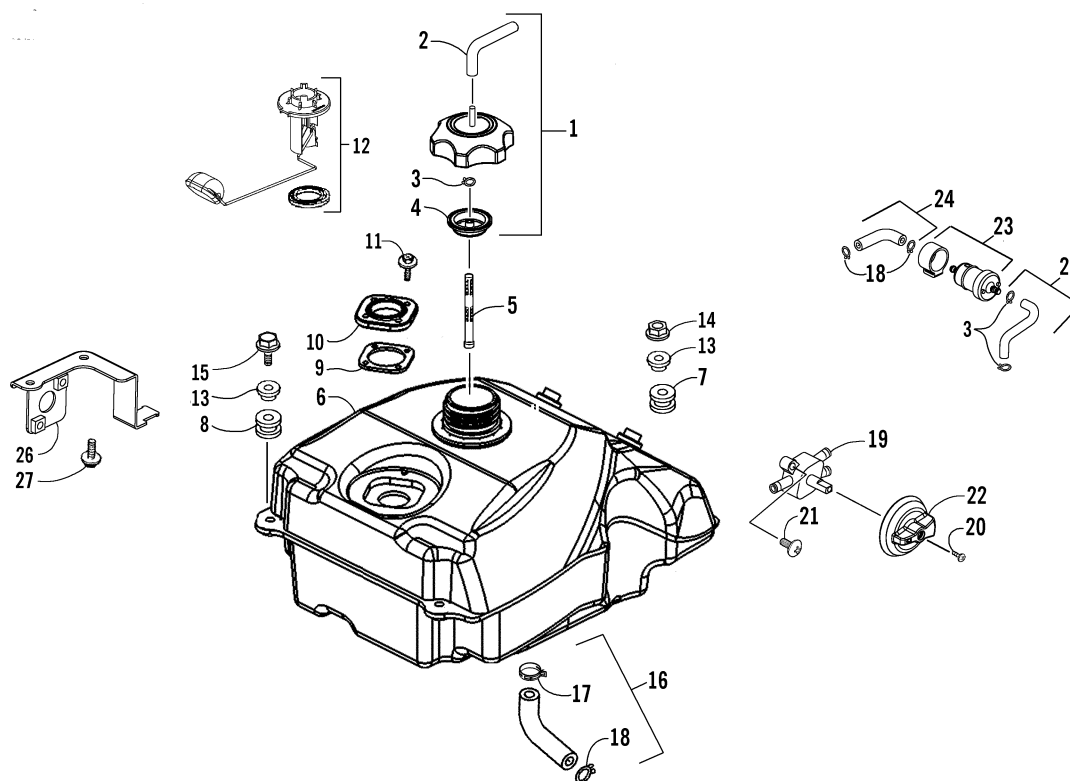
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-693	1	Muffler - Assembly (inc. 2-9)	8	3303-728	4	● Packing, Muffler Assembly
2	3303-727	4	● Packing, Exhaust Shield	9	3303-731	2	● Collar, Muffler Assembly
3	3303-730	1	● Shield, Exhaust	10	3303-332	1	Nut, Flange
4	3304-134	2	● Washer	11	3304-175	1	Bolt, Flange
5	3304-140	2	● Washer, Spring	12	3303-725	1	Gasket, Exhaust Pipe
6	3303-381	2	● Bolt, Flange	13	3304-125	2	Nut, Hex
7	3303-726	2	● Bushing, Rubber				



COOLING ASSEMBLY

0740-688

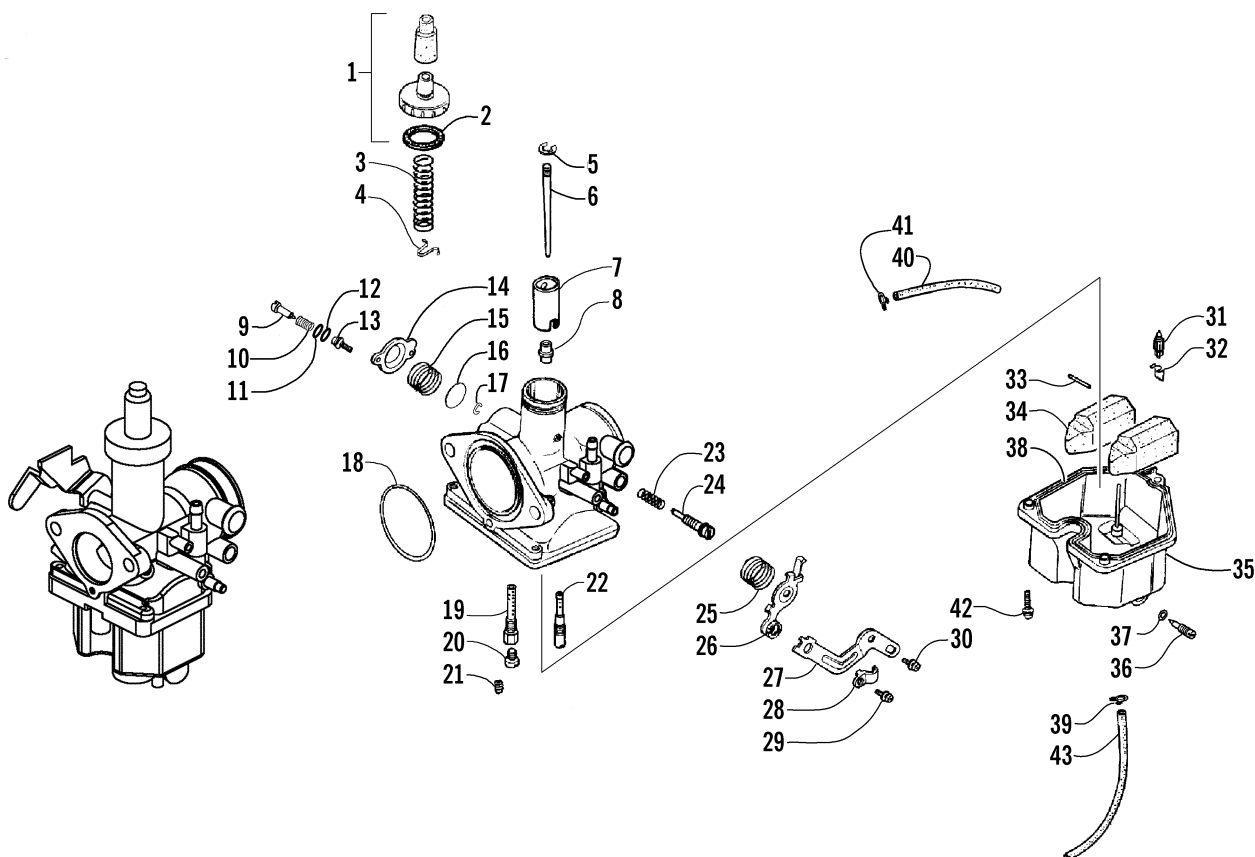
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3303-743</u>	1	Shroud, Radiator	22	<u>3304-654</u>	2	Nut
2	<u>3304-653</u>	4	Screw w/Washer	23	<u>3303-740</u>	1	Bracket, Mounting - Filler Neck
3	<u>3303-744</u>	1	Screen, Radiator	24	<u>3304-066</u>	1	Tube, Water Pump - Assembly (inc. 25)
4	<u>3304-123</u>	6	Screw w/Washer	25	<u>3304-161</u>	2	● Clip, Tube
5	<u>3303-741</u>	1	Fan, Cooling	26	<u>3303-993</u>	1	Shield, Master Cylinder
6	<u>3303-742</u>	1	Motor, Fan	27	<u>3303-749</u>	1	Cap, Reserve Tank
7	<u>3303-739</u>	1	Shroud, Fan	28	<u>3304-253</u>	1	Tank, Reserve
8	<u>3304-586</u>	3	Bolt	29	<u>3304-163</u>	2	Clip, Tube
9	<u>3303-984</u>	1	Bracket, Radiator - Lower	30	<u>3303-349</u>	1	Clip, Tube
10	<u>3304-116</u>	4	Bolt w/Washer	31	<u>3303-745</u>	1	Hose, Drain - Reserve Tank
11	<u>3303-737</u>	1	Radiator Assembly	32	<u>3303-746</u>	1	Hose, Reserve Tank
12	<u>3303-759</u>	1	Hose, Cooling - Radiator/Engine	33	<u>3304-650</u>	8	Screw, Self-Tapping
13	<u>3304-164</u>	2	Clamp, Hose	34	<u>3303-637</u>	1	Duct, Cooling - Cover
14	<u>3303-862</u>	1	Switch, Temperature	35	<u>3303-709</u>	1	Clamp w/Screw
15	<u>3304-587</u>	6	Bolt w/Washer	36	<u>3303-633</u>	1	Duct, Cooling
16	<u>3303-983</u>	1	Bracket, Radiator - Upper	37	<u>3303-636</u>	1	Clamp w/Screw
17	<u>3304-165</u>	4	Clamp, Hose	38	<u>3303-635</u>	1	Clamp w/Screw
18	<u>3303-761</u>	1	Hose, Cooling - Radiator	39	<u>3303-634</u>	1	Duct, Cooling
19	<u>3304-553</u>	1	Bolt, Flange	40	<u>3303-640</u>	1	Element, Duct
20	<u>3303-738</u>	1	Neck, Filler	41	<u>3303-320</u>	3	Screw w/Washer
21	<u>3303-748</u>	1	Cap, Radiator	42	<u>3303-760</u>	1	Hose, Cooling - Engine/Radiator



GAS TANK ASSEMBLY

0740-674 *Not a Service Part

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3304-246</u>	1	Cap, Gas Tank - Assembly (inc. 2, one No. 3, and 4)	16	<u>3303-718</u>	2	Tube, Gas Tank - Assembly (inc. 17 and two No. 18)
2	<u>3304-169</u>	1	● Hose, Vent	17	<u>3303-351</u>	2	● Clamp, Tube
3	<u>3303-348</u>	3	● Clip, Tube	18	<u>3303-349</u>	4	● Clip, Tube
4	*	1	● Diaphragm	19	<u>3303-700</u>	1	Valve, Gas Tank (inc. 20)
5	<u>3303-058</u>	1	Screen, Fuel Strainer	20	<u>3304-120</u>	1	● Screw
6	<u>3303-717</u>	1	Tank, Gas - Assembly (inc. 7-10)	21	<u>3303-316</u>	2	Screw, Pan-Head
7	<u>3304-647</u>	2	● Grommet, Rubber	22	<u>3303-701</u>	1	Cover, Gas Tank Valve
8	<u>3303-406</u>	2	● Grommet, Rubber	23	<u>3303-056</u>	1	Strainer, Fuel - Assembly
9	*	1	● Seal, Gas Tank	24	<u>3304-171</u>	1	Tube, Fuel Strainer - Assembly (inc. two No. 18)
10	*	1	● Collar, Gas Tank	25	<u>3304-172</u>	1	Tube, Fuel Strainer - Assembly (inc. two No. 3)
11	<u>3304-646</u>	4	Screw w/Washer	26	<u>3303-724</u>	1	Bracket, Mounting - Gas Tank Valve
12	<u>3303-865</u>	1	Sensor, Fuel Level	27	<u>3304-409</u>	2	Screw
13	<u>3303-226</u>	4	Collar, Front Fender				
14	<u>3303-331</u>	2	Nut				
15	<u>3304-551</u>	2	Screw, Cap				

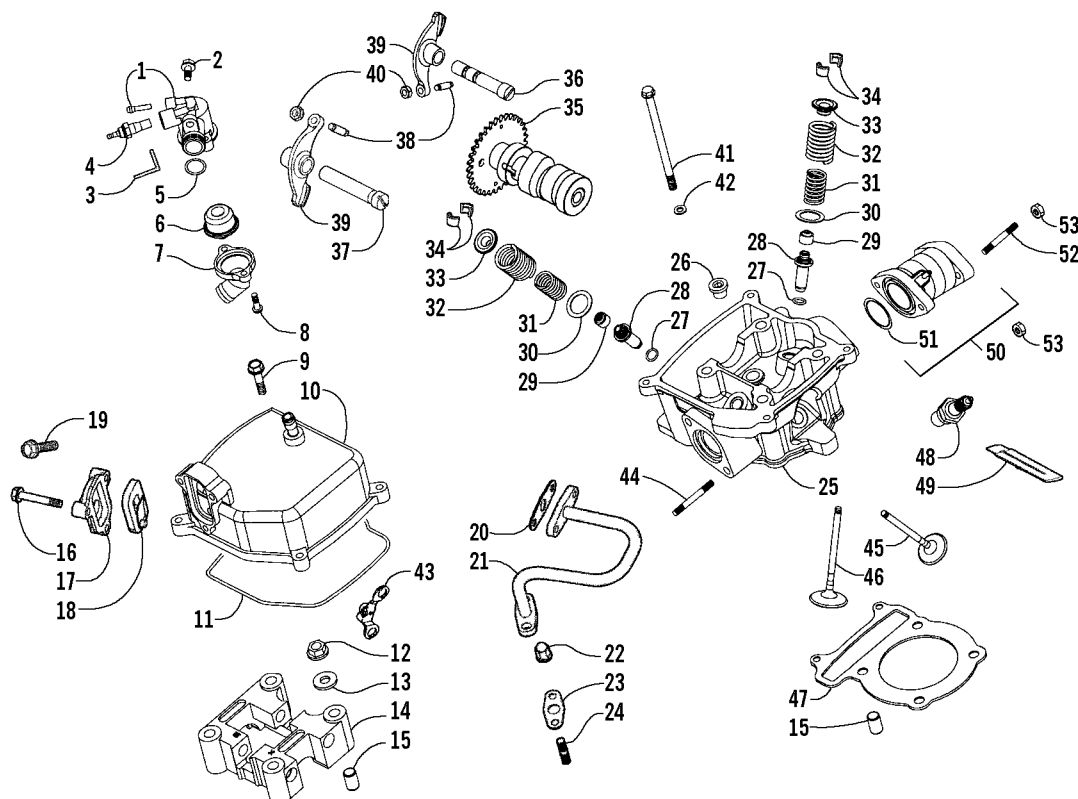


CARBURETOR ASSEMBLY

(Complete Carburetor Assembly p/n 3304-711)

0740-655

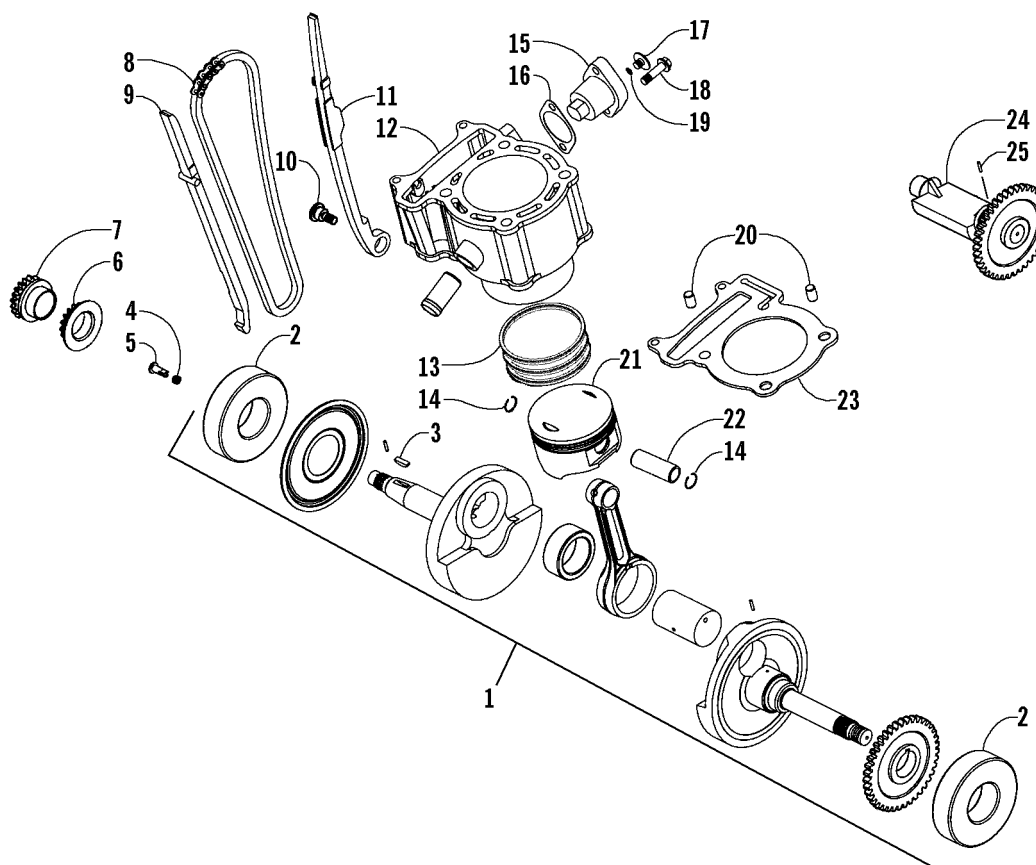
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3304-218</u>	1	Cover, Top - Assembly (inc. 2)	23	<u>3304-231</u>	1	Spring, Compression
2	<u>3304-217</u>	1	● Gasket, Top	24	<u>3304-455</u>	1	Screw, Stop
3	<u>3305-352</u>	1	Spring, Compression	25	<u>3304-233</u>	1	Spring, Torsion
4	<u>3304-454</u>	1	Clip, Needle	26	<u>3303-627</u>	1	Lever, Choke
5	<u>3304-240</u>	1	Clip, E	27	<u>3304-443</u>	1	Bracket, Choke Cable
6	<u>3304-448</u>	1	Needle, Jet	28	<u>3304-241</u>	1	Clamp, C
7	<u>3304-216</u>	1	Valve, Throttle	29	<u>3303-319</u>	1	Screw w/Washer
8	<u>3304-456</u>	1	Jet, Needle	30	<u>3304-429</u>	1	Screw w/Washer
9	<u>3304-215</u>	1	Screw, Adjuster	31	<u>3304-242</u>	1	Valve, Float
10	<u>3304-232</u>	1	Spring, Compression	32	<u>3304-249</u>	1	Clip, Float Valve
11	<u>3304-250</u>	1	Washer	33	<u>3304-451</u>	1	Pin, Float Arm
12	<u>3304-237</u>	1	O-Ring	34	<u>3304-444</u>	1	Float, Set
13	<u>3304-427</u>	2	Screw w/Washer	35	<u>3304-220</u>	1	Chamber, Float - Assembly
14	<u>3304-229</u>	1	Plate, Cover - Diaphragm	36	<u>3304-243</u>	1	Screw, Drain
15	<u>3304-449</u>	1	Spring, Compression	37	<u>3304-239</u>	1	O-Ring
16	<u>3304-227</u>	1	Diaphragm	38	<u>3304-219</u>	1	Gasket, Float Chamber
17	<u>3304-450</u>	1	Clip, E	39	<u>3304-452</u>	1	Clip, Tube
18	<u>3304-238</u>	1	O-Ring	40	<u>3304-446</u>	1	Tube, Set
19	<u>3304-447</u>	1	Holder, Needle Jet	41	<u>3304-453</u>	1	Clip, Tube
20	<u>3304-441</u>	1	Jet, Main - 98	42	<u>3304-428</u>	3	Screw w/Washer
21	<u>3304-214</u>	1	Holder, Main Jet	43	<u>3305-248</u>	1	Tube, Drain
22	<u>3304-445</u>	1	Jet, Slow				



CYLINDER HEAD ASSEMBLY

0741-463R *Not a Service Part

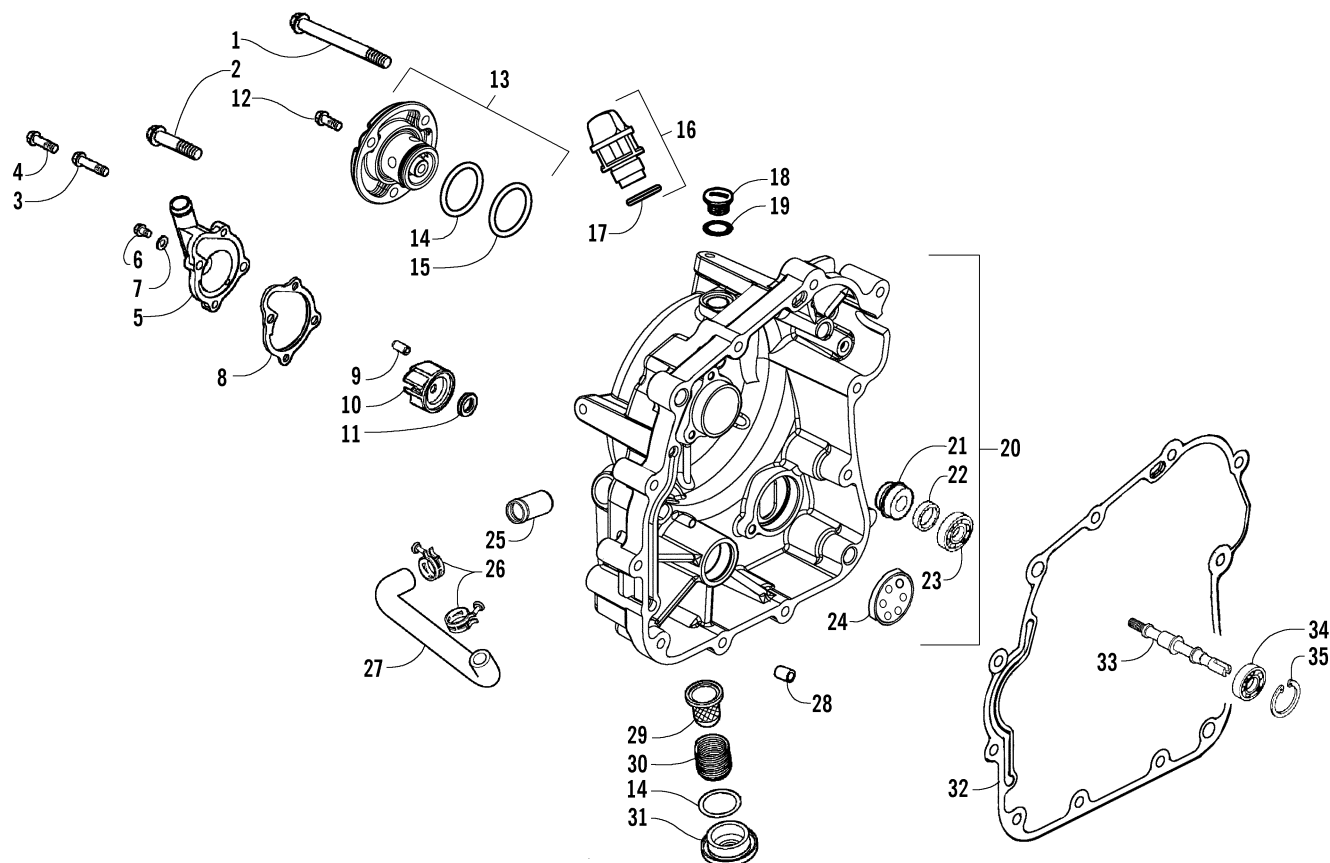
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-756	1	Housing, Thermostat - Upper	28	*	2	● Guide, Valve
2	3303-617	1	Bolt, Flange	29	3303-017	2	Seal, Valve Stem
3	3303-860	1	Terminal, Ground	30	3303-043	2	Seat, Valve Spring
4	3303-861	1	Sensor, Engine Coolant Temperature	31	3303-683	2	Spring, Valve - Inner
5	3304-094	1	O-Ring	32	3303-682	2	Spring, Valve - Outer
6	3303-755	1	Thermostat	33	3303-042	2	Retainer, Valve Spring
7	3303-757	1	Housing, Thermostat - Lower	34	3303-044	4	Valve, Cotter
8	3304-118	2	Screw, Pan-Head	35	3303-669	1	Camshaft
9	3303-360	4	Screw, Cap	36	3303-674	1	Shaft, Rocker Arm - Intake
10	3304-708	1	Cover, Cylinder Head	37	3303-675	1	Shaft, Rocker Arm - Exhaust
11	3303-661	1	Gasket, Cylinder Head Cover	38	3303-246	2	Screw, Gap Adjuster
12	3303-332	4	Nut, Lock	39	3303-673	2	Arm, Rocker
13	3303-277	4	Washer	40	3303-260	2	Nut, Gap Adjuster
14	3303-658	1	Holder, Camshaft	41	3303-390	2	Screw, Cap
15	3303-342	4	Pin, Dowel	42	3304-049	2	Washer
16	3305-402	2	Screw, Cap	43	3303-670	1	Plate, Stopper - Assembly
17	3305-354	1	Cover, Reed Valve	44	3303-249	2	Bolt, Stud
18	3305-353	1	Valve, Reed	45	3303-680	1	Valve, Intake
19	3305-401	1	Screw, Cap	46	3303-681	1	Valve, Exhaust
20	3305-356	1	Gasket	47	3303-659	1	Gasket, Head Cylinder
21	3305-357	1	Pipe, Air	48	0217-730	1	Spark Plug
22	3304-030	2	Nut, Hex	49	3304-157	1	Clip, Wire
23	3303-732	1	Gasket	50	3303-702	1	Manifold, Intake (inc. 51)
24	3303-582	2	Bolt, Stud	51	3304-097	1	● O-Ring
25	3303-655	1	Head, Cylinder (inc. 26-28)	52	3304-114	4	Bolt, Stud
26	3303-656	1	● Bolt, Sealing	53	3304-124	4	Nut, Lock
27	*	2	● O-Ring				



PISTON AND CRANKSHAFT ASSEMBLY

0740-637

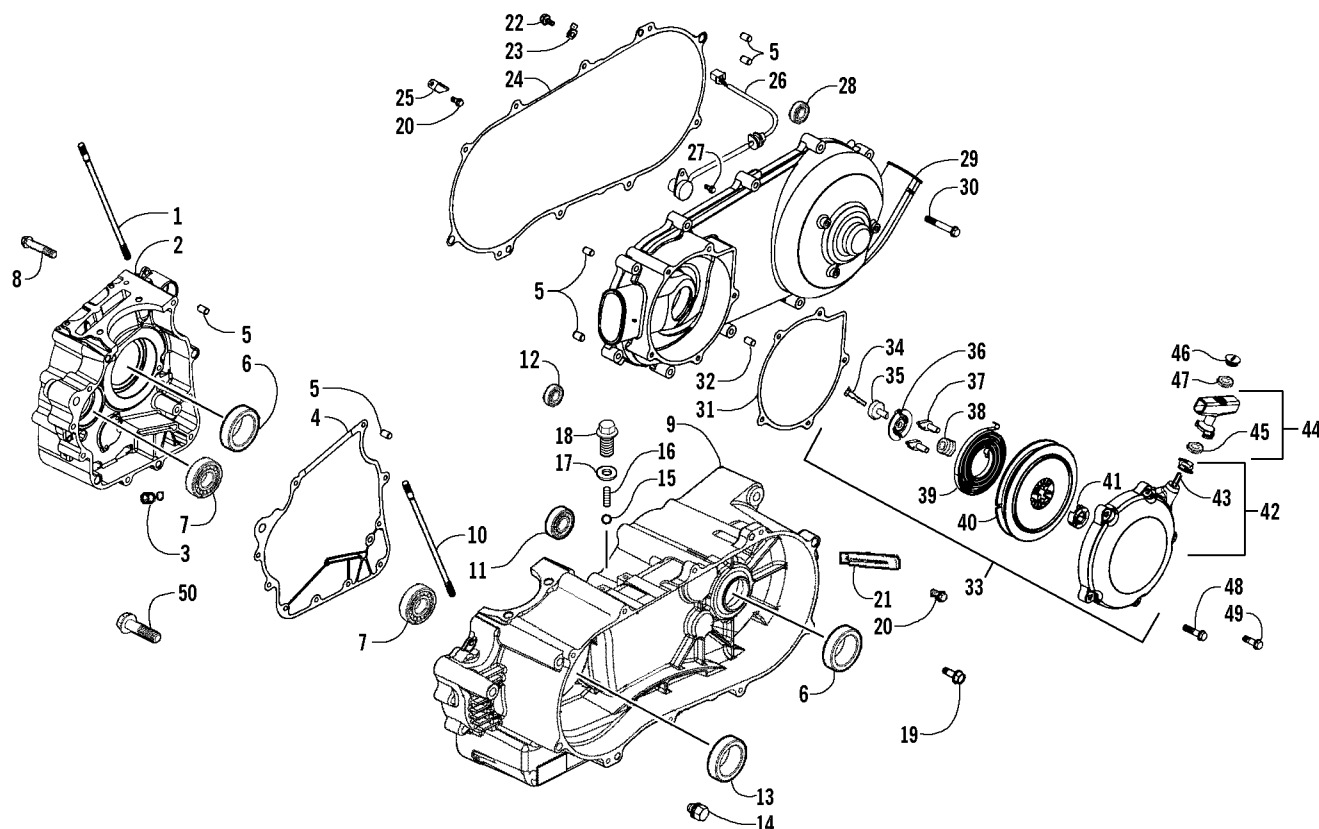
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-663	1	Crankshaft - Assembly (inc. 2)	14	3304-159	2	Circlip
2	3304-419	2	● Bearing	15	3303-677	1	Lifter, Cam Chain Tensioner
3	3304-145	1	Key	16	3303-035	1	Gasket, Cylinder
4	3303-694	1	Spring, Oil Through	17	3304-006	1	Screw w/Washer
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	3303-671	1	Chain, Cam	21	3303-665	1	Piston
9	3303-679	1	Guide, Cam Chain	22	3303-666	1	Pin, Piston
10	3303-678	1	Pivot, Cam Chain Tensioner	23	3303-654	1	Gasket, Cylinder
11	3303-676	1	Tensioner, Cam Chain	24	3303-667	1	Balancer, Crankshaft (inc. 25)
12	3303-653	1	Cylinder Assembly	25	3304-439	1	● Key
13	3303-664	1	Ring, Piston - Set				



CRANKCASE COVER ASSEMBLY

0740-654 *Not a Service Part

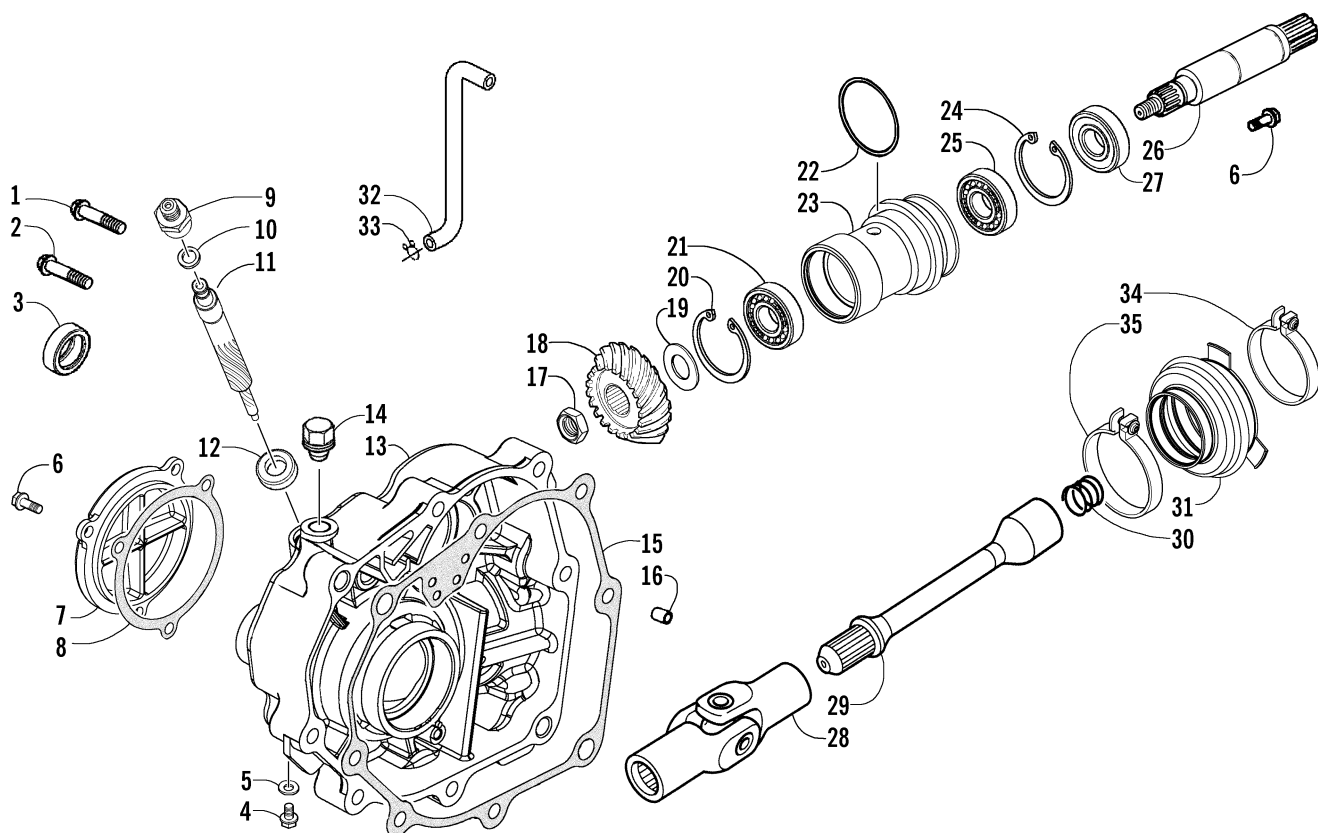
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-192	8	Screw, Cap	18	3304-012	1	Cap
2	3303-387	4	Screw, Cap	19	3304-099	1	O-Ring
3	3303-385	2	Screw, Cap	20	3303-631	1	Cover, Crankcase (inc. 21-25)
4	3303-619	2	Screw, Cap	21	3303-751	1	● Seal, Mechanical
5	3303-752	1	Cover, Water Pump	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	3303-341	2	Pin, Dowel	26	3304-165	2	Clip, 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	3303-048	1	Screen, Oil Filter
13	3304-013	1	Cap, Crankcase Cover - Assembly (inc. one No. 14 and 15)	30	3303-049	1	Spring, Oil Filter
14	3303-302	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	3303-306	1	● O-Ring	34	3304-193	1	Bearing
				35	3304-148	1	Circlip



CRANKCASE ASSEMBLY

0740-635

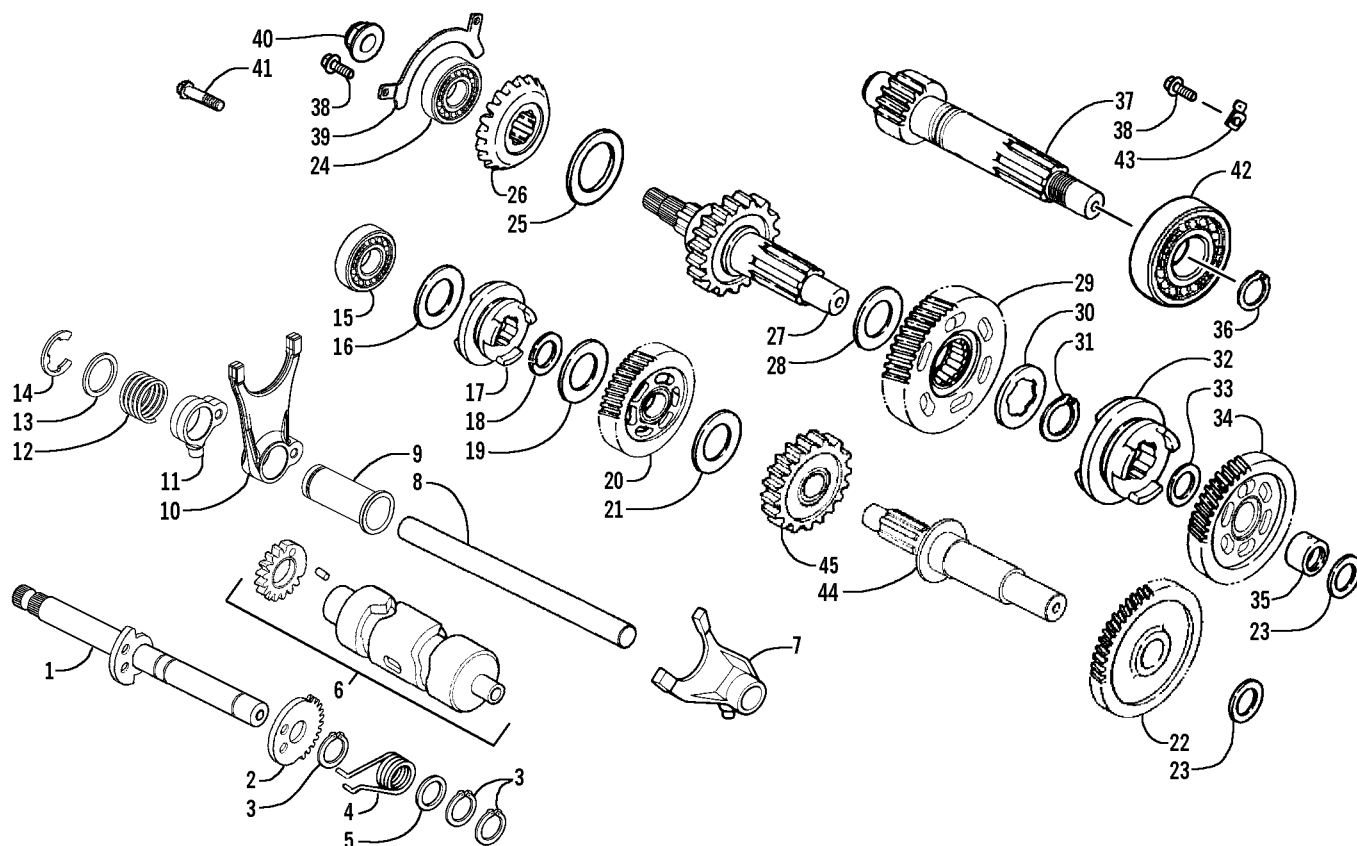
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	<u>3304-008</u>	2	Bolt, Stud	27	<u>3304-187</u>	1	Screw, Cap
2	<u>3303-626</u>	1	Crankcase - Right (inc. 3)	28	<u>3304-073</u>	1	Bearing
3	<u>3304-065</u>	1	● Plug, Cone-Type	29	<u>3303-632</u>	1	Cover, Crankcase - Left
4	<u>3303-628</u>	1	Gasket, Crankcase	30	<u>3304-003</u>	8	Screw, Cap
5	<u>3303-342</u>	4	Pin, Dowel	31	<u>3304-101</u>	1	Gasket, Starter Cover
6	<u>3304-091</u>	1	Seal, Oil	32	<u>3303-341</u>	2	Pin, Dowel
7	<u>3304-198</u>	1	Bearing	33	<u>3303-643</u>	1	Recoil, Starter - Assembly (inc. 34-47)
8	<u>3304-191</u>	4	Screw, Cap	34	<u>3304-113</u>	1	● Bolt, Hex
9	<u>3303-629</u>	1	Crankcase - Left	35	<u>3303-651</u>	1	● Insert, Collar
10	<u>3304-009</u>	2	Bolt, Stud	36	<u>3303-649</u>	1	● Guide, Ratchet
11	<u>3304-195</u>	2	Bearing	37	<u>3303-646</u>	2	● Ratchet
12	<u>3304-074</u>	1	Bearing	38	<u>3303-647</u>	1	● Spring, Ratchet Guide
13	<u>3304-079</u>	1	Seal, Oil	39	<u>3303-645</u>	1	● Spiral, Starter
14	<u>3303-283</u>	1	Plug, Drain	40	<u>3303-644</u>	1	● Reel, Starter Spiral
15	<u>3304-205</u>	1	Ball, Steel	41	<u>3303-648</u>	1	● Spacer, Starter - Reel/Cover
16	<u>3304-063</u>	1	Spring, Bolt Seat Inner	42	<u>3303-639</u>	1	● Cover, Starter (inc. 43)
17	<u>3304-021</u>	1	Washer, Bolt Seat	43	<u>3303-650</u>	1	● ● Rope, Starter
18	<u>3304-109</u>	1	Bolt, Seat	44	<u>3303-652</u>	1	● Handle, Starter Rope (inc. 45)
19	<u>3303-365</u>	1	Screw, Cap	45	<u>3304-103</u>	1	● ● O-Ring
20	<u>3303-381</u>	3	Screw, Cap	46	<u>3305-269</u>	1	● Cap, Starter Rope Handle
21	<u>3304-158</u>	1	Clip, Wire	47	<u>3304-137</u>	1	● Washer
22	<u>3304-005</u>	2	Screw, Cap	48	<u>3304-190</u>	2	Screw, Cap
23	<u>3304-039</u>	2	Plate, Bearing Holder	49	<u>3303-384</u>	3	Screw, Cap
24	<u>3303-642</u>	1	Gasket, Crankcase Cover - Left	50	<u>3304-004</u>	2	Bolt, Flange
25	<u>3303-843</u>	2	Clamp, Wire	51	<u>3304-067</u>	1	Bearing
26	<u>3303-856</u>	1	Cable, Gear Change				



TRANSMISSION CASE ASSEMBLY

0740-660

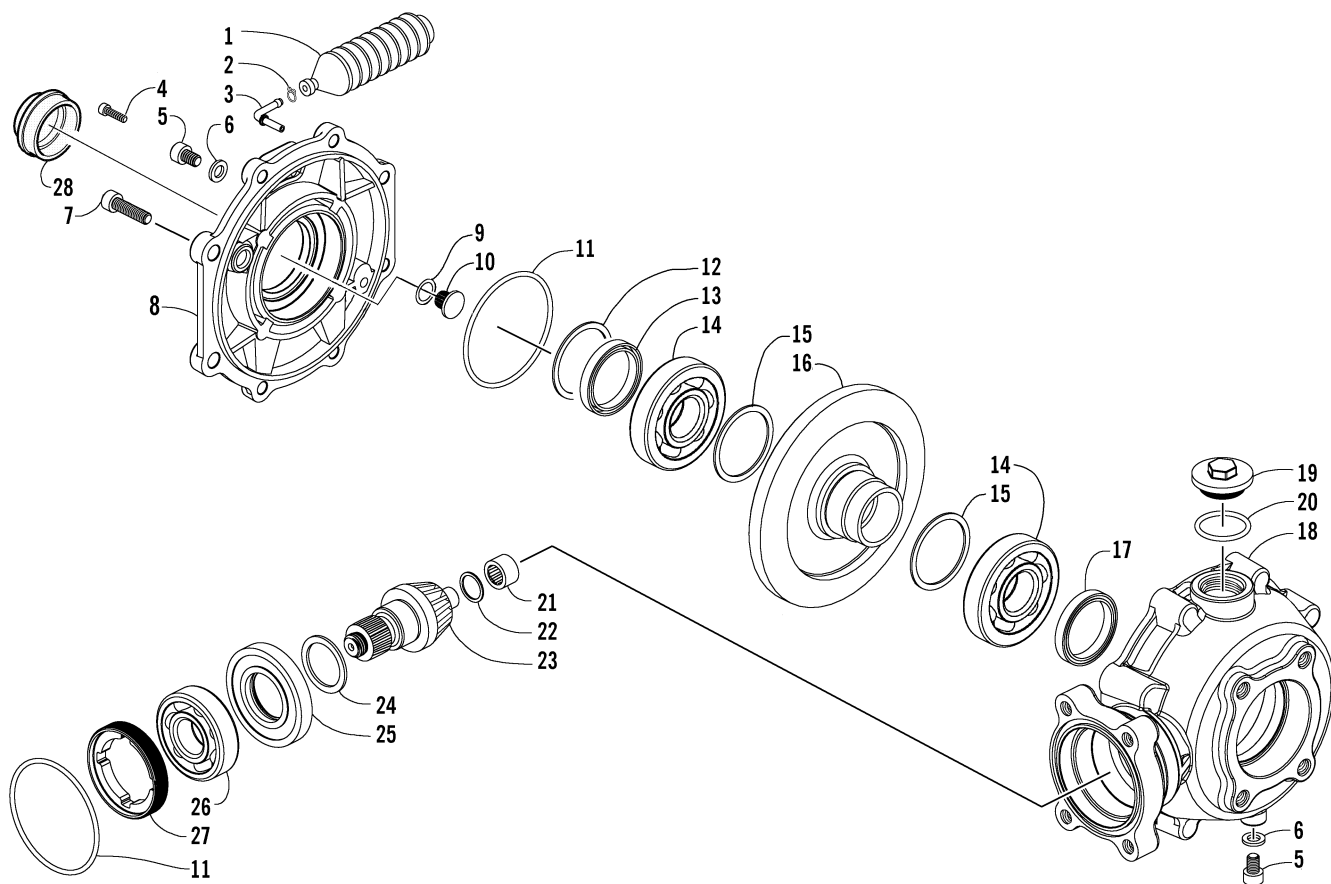
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-615	2	Screw, Cap	20	3304-151	1	Circlip
2	3303-614	7	Screw, Cap	21	3304-069	1	Bearing
3	3304-081	1	Seal, Oil	22	3304-105	1	O-Ring
4	3303-365	1	Screw, Drain	23	3303-764	1	Case, Final Shaft
5	3303-591	1	Washer	24	3304-152	1	Circlip
6	3303-383	7	Screw, Cap	25	3304-071	1	Bearing
7	3303-763	1	Cap, Transmission Case	26	3304-642	1	Shaft, Final
8	3303-766	1	Gasket, Transmission Case Cap	27	3304-087	1	Seal, Oil
9	3304-108	1	Bolt, Tachometer	28	3303-869	1	Joint, Yoke
10	3304-047	1	Washer	29	3303-868	1	Shaft, Propeller
11	3303-662	1	Gear, Tachometer	30	3303-870	1	Spring, Propeller Shaft
12	3304-077	2	Seal, Oil	31	3303-945	1	Boot, Joint
13	3303-762	1	Case, Transmission (inc. one No. 12)	32	3303-630	1	Tube, Breather - Transmission
14	3303-283	1	Plug, Drain	33	3304-433	1	Clip, Tube
15	3303-765	1	Gasket, Transmission Case	34	3304-058	1	Clamp
16	3303-342	2	Pin, Dowel	35	3304-059	1	Clamp
17	3304-131	1	Nut				
18	3303-802	1	Gear, Bevel - Driven				
19	3304-624	AR	Shim, Driven Bevel Gear - A				
	3304-625	AR	Shim, Driven Bevel Gear - B				
	3304-626	AR	Shim, Driven Bevel Gear - C				
	3304-627	AR	Shim, Driven Bevel Gear - D				
	3304-628	AR	Shim, Driven Bevel Gear - E				
	3304-629	AR	Shim, Driven Bevel Gear - F				
	3304-630	AR	Shim, Driven Bevel Gear - G				
	3304-631	AR	Shim, Driven Bevel Gear - H				
	3304-632	AR	Shim, Driven Bevel Gear - I				
	3304-633	AR	Shim, Driven Bevel Gear - J				
	3304-634	AR	Shim, Driven Bevel Gear - K				
	3304-635	AR	Shim, Driven Bevel Gear - L				



TRANSMISSION ASSEMBLY

0740-664

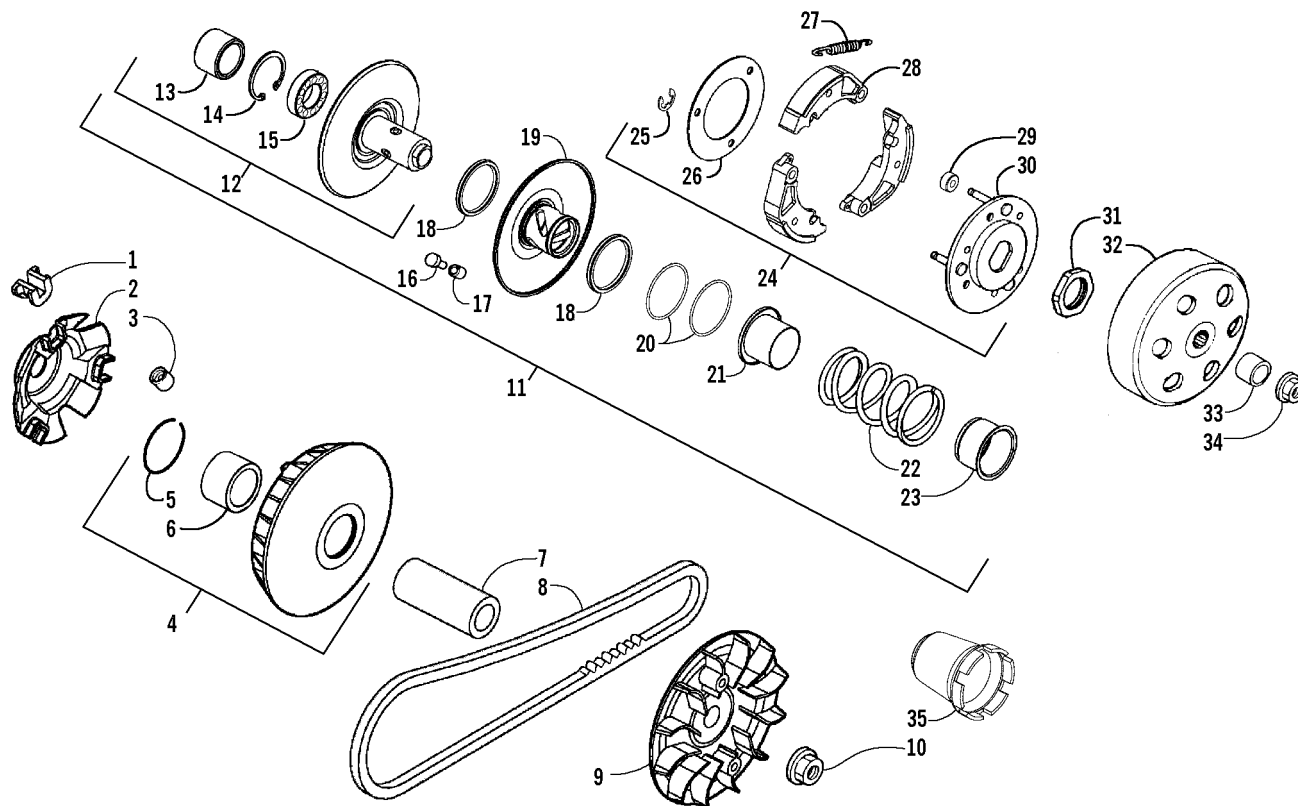
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-812	1	Spindle, Gear Shift Cam		3304-529	AR	Shim, Drive Bevel Gear - E
2	3303-815	1	Gear, Shift Handle		3304-530	AR	Shim, Drive Bevel Gear - F
3	3304-153	3	Circlip		3304-531	AR	Shim, Drive Bevel Gear - G
4	3303-813	1	Spring, Gear Shift Return		3304-532	AR	Shim, Drive Bevel Gear - H
5	3304-036	1	Washer, Thrust		3304-533	AR	Shim, Drive Bevel Gear - I
6	3304-623	1	Cam, Gear Shift - Assembly		3304-534	AR	Shim, Drive Bevel Gear - J
7	3303-805	1	Fork, Gear Shift - Left		3304-535	AR	Shim, Drive Bevel Gear - K
8	3303-806	1	Shaft, Gear Shift Fork		3304-536	AR	Shim, Drive Bevel Gear - L
9	3303-807	1	Sleeve, Fork	26	3303-801	1	Gear, Bevel - Drive
10	3303-804	1	Fork, Gear Shift - Right	27	3303-784	1	Shaft, Main
11	3303-808	1	Guide, Right Fork	28	3304-044	1	Washer, Thrust
12	3303-810	1	Spring, Cam	29	3304-622	1	Gear, Lower - Driven
13	3304-051	1	Washer	30	3304-045	1	Washer, Spline
14	3304-154	1	E-Ring	31	3304-056	1	Circlip
15	3304-197	1	Bearing	32	3303-798	1	Shift, Reverse - Dog
16	3304-637	1	Washer, Thrust	33	3304-043	1	Washer, Thrust
17	3303-799	1	Shift, Forward - Dog	34	3303-797	1	Gear, Reverse
18	3304-638	1	Circlip	35	3304-074	1	Bearing, Needle
19	3304-046	1	Washer	36	3304-147	1	Circlip
20	3304-621	1	Gear, Forward	37	3303-791	1	Driveshaft
21	3304-636	1	Washer, Thrust	38	3304-005	3	Screw, Cap
22	3303-793	1	Gear, Counter	39	3304-041	1	Plate, Holder
23	3304-042	2	Washer, Thrust	40	3304-033	1	Nut
24	3304-194	1	Bearing	41	3304-112	1	Bolt, Flange
25	3304-525	AR	Shim, Drive Bevel Gear - A	42	3304-067	1	Bearing
	3304-526	AR	Shim, Drive Bevel Gear - B	43	3304-040	1	Plate, Bearing Holder
	3304-527	AR	Shim, Drive Bevel Gear - C	44	3303-792	1	Countershaft
	3304-528	AR	Shim, Drive Bevel Gear - D	45	3303-800	1	Gear, Lower - Drive



REAR DRIVE ASSEMBLY

0741-467

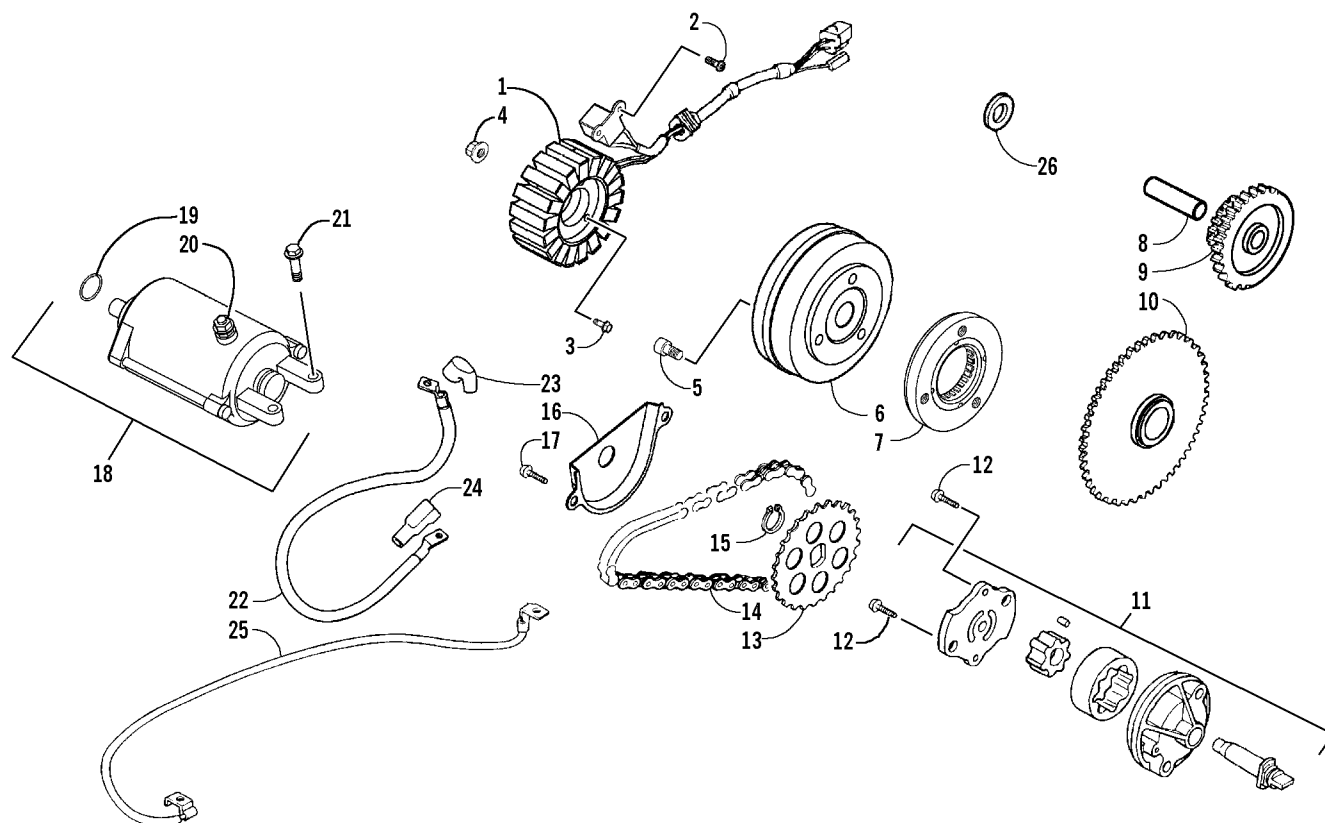
Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3304-170	1	Breather, Rear Gearcase	16	3303-876	1	Gear, Ring
2	3304-669	1	Clip	17	3304-093	1	Seal, Oil
3	3303-877	1	Fitting, Breather	18	3303-872	1	Gearcase - Rear
4	3304-177	6	Screw, Cap	19	3303-021	1	Plug, Fill
5	3303-365	2	Screw, Cap	20	3303-302	1	O-Ring
6	3303-591	2	Washer	21	3304-076	1	Bearing, Needle
7	3304-178	2	Screw, Cap	22	3303-874	1	O-Ring
8	3303-873	1	Cover, Rear Gearcase	23	3303-875	1	Gear, Pinion
9	3303-879	1	Shim	24	3303-880	1	Shim
10	3303-878	1	Pin, Ring Gear		3305-312	1	Shim
11	3304-095	2	O-Ring		3305-313	1	Shim
12	3304-670	1	O-Ring	25	3304-085	1	Seal, Dust
13	3304-092	1	Seal, Oil	26	3304-196	1	Bearing
14	3304-194	2	Bearing	27	3304-027	1	Nut, Lock
15	3303-881	2	Shim				
	3305-310	2	Shim				
	3305-311	2	Shim				



CLUTCH ASSEMBLY

0740-657

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	● ● Clutch Damper - Rubber
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	● ● Circlip	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	3303-828	1	Ratchet, Face
18	3304-082	2	● Seal, Oil				



STARTER MOTOR AND MAGNETO ASSEMBLY

0740-659

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3303-833	1	Stator	14	3303-690	1	Chain, Oil Pump
2	3304-118	2	Screw	15	3304-146	1	Circlip
3	3304-111	3	Bolt, Flange	16	3303-697	1	Separator, Oil
4	3304-024	1	Nut	17	3303-381	2	Screw, Cap
5	3304-208	3	Bolt, Socket	18	3304-274	1	Motor, Starter (inc. 19-20)
6	3303-832	1	Flywheel	19	3304-104	1	● O-Ring
7	3303-827	1	Clutch, One-Way	20	3304-011	2	● Nut w/Washer
8	3303-825	1	Shaft, Starter Reduction	21	3303-243	2	Screw, Cap
9	3303-824	1	Gear, Starter Reduction	22	3304-277	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	3303-842	1	Cable, Ground
13	3303-688	1	Sprocket, Drive - Oil Pump	26	3304-036	1	Washer, Thrust

NOTES

NOTES

