

ARCTIC CAT®



ATV 2002

Illustrated Parts Manual

250/300 homologated

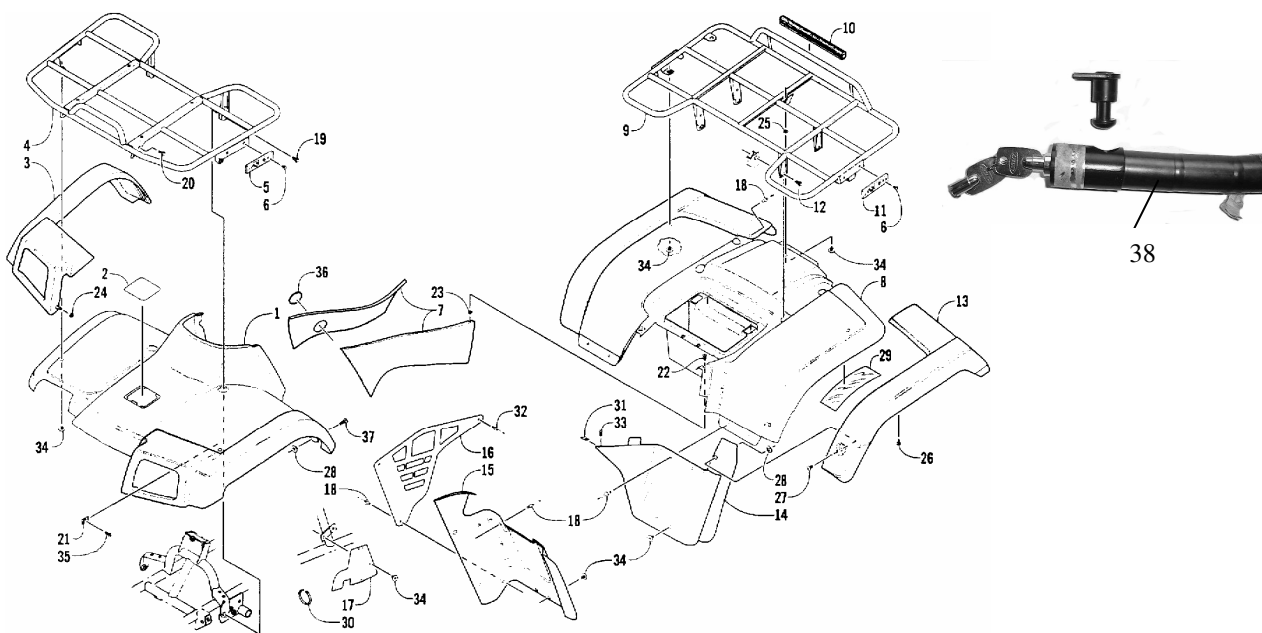
Model No. VAD02AT30R4 (300 4x4 – red)
Model No. VAD02AT30G4 (300 4x4 – green)
Model No. VAD02AT25R2 (250 2x4 – red)
Model No. VAD02AT25G2 (250 2x4 – green)
Model No. A2002ATE2AUSR (250 2x4 – Red)
Model No. A2002ATE2AUSG (250 2x4 – Green)
Model No. A2002ATE4AUSR (250 4x4 – Red)
Model No. A2002ATE4AUSG (250 4x4 – Green)
Model No. A2002ATF2AUSR (300 2x4 – Red)
Model No. A2002ATF2AUSG (300 2x4 – Green)
Model No. A2002ATF4AUSR (300 4x4 – Red)
Model No. A2002ATF4AUSG (300 4x4 – Green)

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2002 ATV 250/300

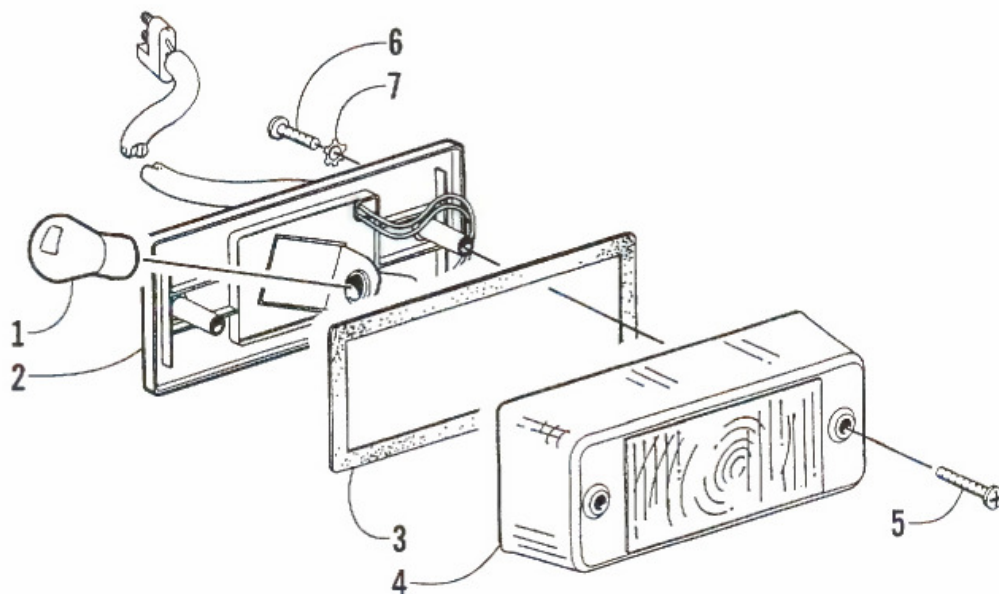
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● **NOTE:** The illustrations used in this Parts Manual are for reference to replacement part numbers only and are not to be used for assembly. For assembly procedures, use an Arctic Cat Service Manual. Underlined part numbers are new for the 2002 model year.



BODY PANEL ASSEMBLY

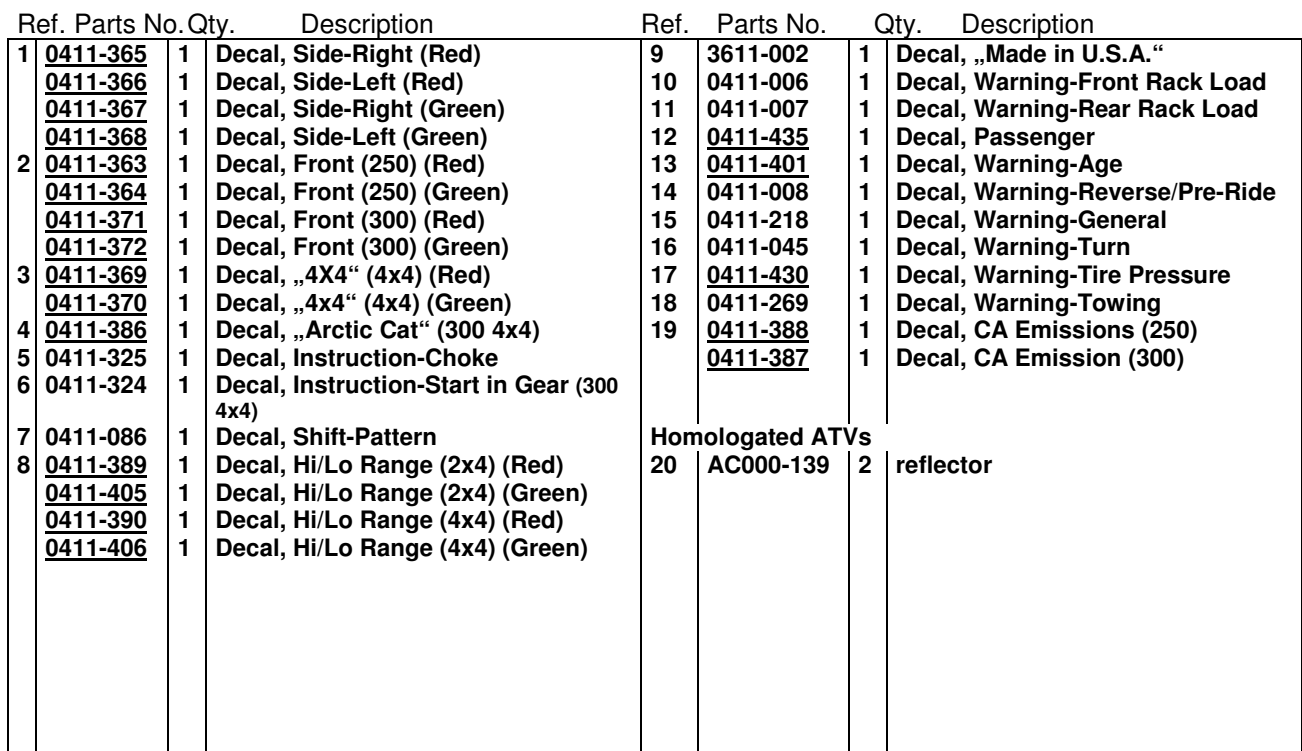
Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0506-605</u>	1	Panel, Fender-Front (Red)	15	<u>0506-272</u>	1	Panel, Kick-Right
	<u>0506-604</u>	1	Panel, Fender-Front (Green)		<u>0506-629</u>	1	Panel, Kick-Left
	<u>0506-632</u>	1	Panel, Fender Front (300 4x4) (Red)		<u>0506-625</u>	1	Panel, Kick-Right (300 4x4)
	<u>0506-633</u>	1	Panel, Fender Front (300 4x4) (Green)		<u>0506-627</u>	1	Panel, Kick-Left (300 4x4)
2	<u>0406-244</u>	1	Cover, Access (Red)	16	<u>0406-374</u>	2	Panel, Deflector
	<u>0406-975</u>	1	Cover, Access (Green)	17	<u>1406-045</u>	2	Fender, Panel-Inner (300 4x4)
3	<u>0506-550</u>	1	Flare-Front Right (300 4x4)	18	<u>0423-046</u>	AR	Rivet, Plastic
	<u>0506-551</u>	1	Flare-Front Left (300 4x4)	19	<u>0423-360</u>	2	Screw, Cap
4	<u>0506-525</u>	1	Rack-Front	20	<u>8408-816</u>	2	Screw, Cap
	<u>0506-547</u>	1	Rack-Front (300 4x4)	21	<u>0423-031</u>	2	Nut, Speed
5	<u>0606-526</u>	2	Reflector, Front-Amber	22	<u>0423-068</u>	2	Screw, Machine
6	<u>0623-269</u>	8	Clip, Retaining	23	<u>0123-010</u>	2	Nut, Expansion
7	<u>0506-548</u>	1	Panel, Side-Right (Red)	24	<u>0423-357</u>	2	Nut, Stamped (300 4x4)
	<u>0506-243</u>	1	Panel, Side-Left (Red)	25	<u>0423-332</u>	1	Washer, Rubber
	<u>0506-549</u>	1	Panel, Side-Right (Green)	26	<u>0423-342</u>	AR	Screw, Self-Tapping (300 4x4)
	<u>0506-673</u>	1	Panel, Side Left (Green)	27	<u>8477-610</u>	2	Screw, Shoulder
8	<u>0506-617</u>	1	Panel, Fender-Rear (Red)		<u>0423-355</u>	2	Screw, Shoulder (300 4x4)
	<u>0506-619</u>	1	Panel, Fender-Rear (Green)	28	<u>0423-077</u>	4	T-Nut
	<u>0506-583</u>	1	Panel, Fender-Rear (300 4x4) (Red)	29	<u>0619-230</u>	AR	Tape, Foil
	<u>0506-588</u>	1	Panel, Fender-Rear (300 4x4) (Green)	30	<u>0123-788</u>	AR	Cable Tie-7,5 in.
9	<u>0506-607</u>	1	Rack-Rear	31	<u>0423-060</u>	2	Clip, Tinerman
	<u>0506-608</u>	1	Rack-Rear (300 4x4)	32	<u>0623-362</u>	2	Rivet, Plastic
10	<u>0406-293</u>	1	Wrap, Tube-Rear Rack (300 4x4)	33	<u>0623-309</u>	2	Screw, Self-Tapping
11	<u>0606-029</u>	2	Reflector, Rear-Red	34	<u>0423-101</u>	AR	Screw, Machine
12	<u>8409-020</u>	4	Screw, Cap	35	<u>8477-616</u>	2	Screw, Machine
13	<u>0506-552</u>	1	Flare-Rear Right (300 4x4)	36	<u>0470-404</u>	1	Grommet, Fuel Shut-Off Valve Knob
	<u>0506-553</u>	1	Flare-Rear Left (300 4x4)	37	<u>8477-610</u>	2	Screw, Shoulder
14	<u>0406-084</u>	1	Fender Extension-Rear Right		<u>0423-356</u>	2	Screw, Shoulder (300 4x4)
	<u>0406-085</u>	1	Fender Extension-Rear Left				
Homologated ATV's							
38	<u>AC000-790</u>	1	Antitheft Device				



Taillight Assembly

(Complete Taillight Assembly p/n 0409-002)

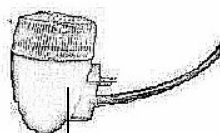
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1	0109-460	1	Bulb, Stop/Taillight	5	0409-010	2
2	0409-011	1	Taillight w/Socket Assembly	6	0623-301	2
3	0409-012	1	Gasket, Taillight Lens	7	8053-212	2
4	0409-007	1	Lens, Taillight			
Homologated ATVs						
8	AC000-140	1	Taillight Homologated			
9	AC000-101	1	Number plate holder			



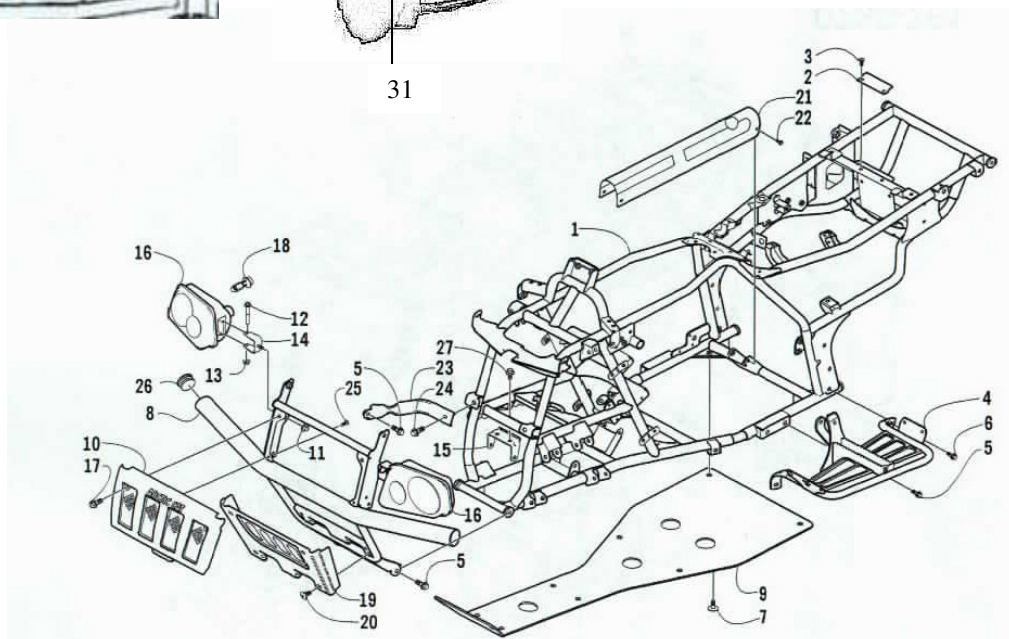
Homologated ATV



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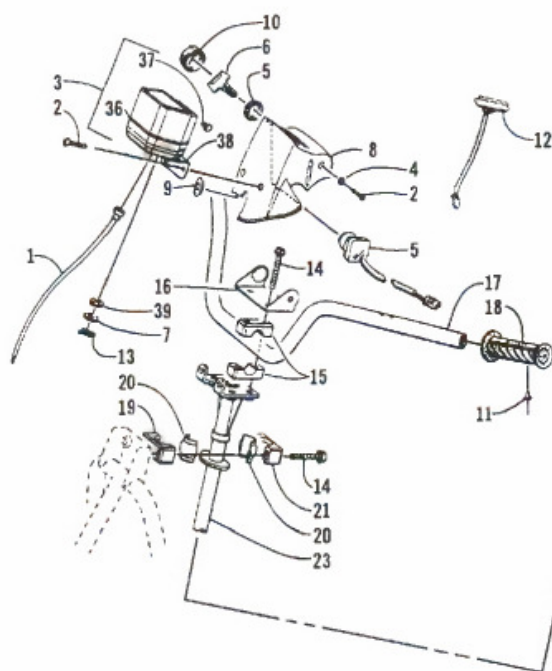


FRAME AND RELATED PARTS

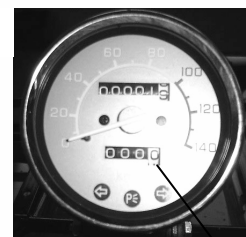
Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0506-573</u>	1	Frame, Main	14	<u>0406-945</u>	2	Bracket, Headlight
	<u>0506-574</u>	1	Frame, Main (4x4)	15	<u>0506-210</u>	1	Bracket, Front Differential (4x4)
2	<u>0406-372</u>	1	Bracket, Body Hold-Down	16	<u>0409-032</u>	1	Headlight, Right (inc. 12-14 and 18)
3	8476-616	2	Screw, Machine		<u>0409-031</u>	1	Headlight, Left (inc. 12-14 and 18)
4	<u>0506-176</u>	1	Footrest, Right	17	<u>0423-361</u>	2	Screw, Machine
	<u>0506-217</u>	1	Footrest, Left	18	<u>0409-045</u>	4	Bulb, Headlight
5	8409-020	8	Screw, Cap	19	<u>0406-833</u>	1	Grille, Lower
6	8408-816	4	Screw, Cap	20	<u>0423-362</u>	4	Screw, Machine
7	<u>0423-101</u>	10	Screw, Body	21	<u>0406-924</u>	1	Cover, Front Driveshaft (4x4)
8	<u>0506-594</u>	1	Bumper	22	8471-610	4	Screw, Cap (4x4)
	<u>0506-520</u>	1	Bumper (300 4x4)	23	<u>0506-655</u>	2	Channel, Bumper
9	<u>0406-894</u>	1	Panel, Belly		<u>0506-743</u>	2	Channel, Bumper (300 4x4)
10	<u>0406-832</u>	1	Grille, Upper	24	8408-812	2	Screw, Cap
11	8424-802	2	Nut	25	0623-361	2	Screw, Self-Tapping
12	8410-860	2	Screw, Cap	26	0406-130	2	Cap, Bumper (300 4x4)
13	<u>0423-375</u>	2	Nut, Nylock	27	8408-820	2	Screw, Cap
Homologated ATVs				31	AC000-146	2	Direction light right
28	AC000-136	1	Headlight right		AC000-145	2	Direction light left
	AC000-136	1	Headlight left	32	AC000-120	1	Bracket direction light right
29	AC000-135	1	Highbeam right		AC000-121	1	Bracket direction light left
	AC000-135	1	Highbeam left	33	AC000-100	1	Towing device
30	AC000-131	1	Bracket left (300) with visor				
	AC000-130	1	Bracket right (300) with visor				
	AC000-125	1	Bracket left (250) with visor				
	AC000-126	1	Bracket right (250) with visor				



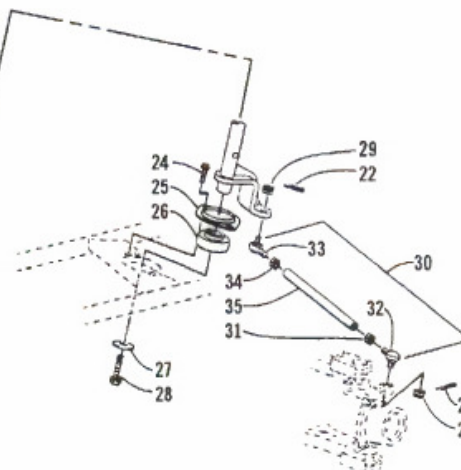
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Homologated ATV

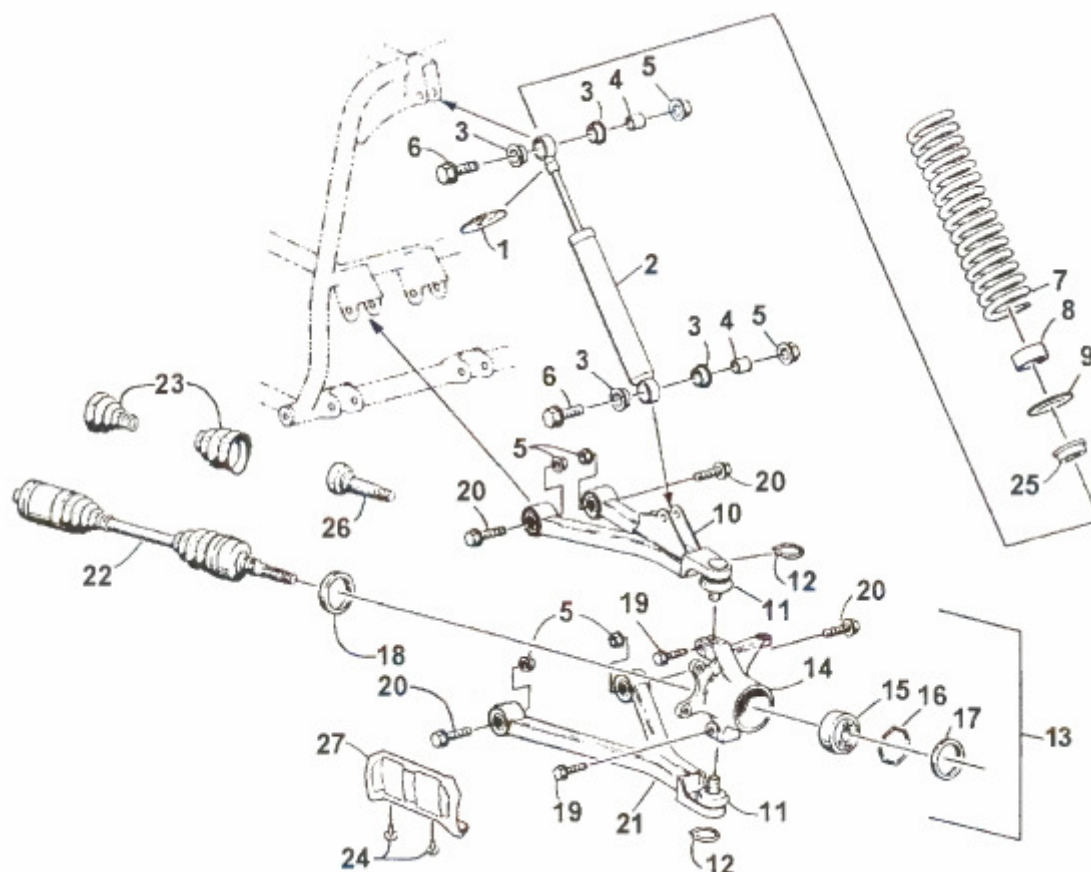


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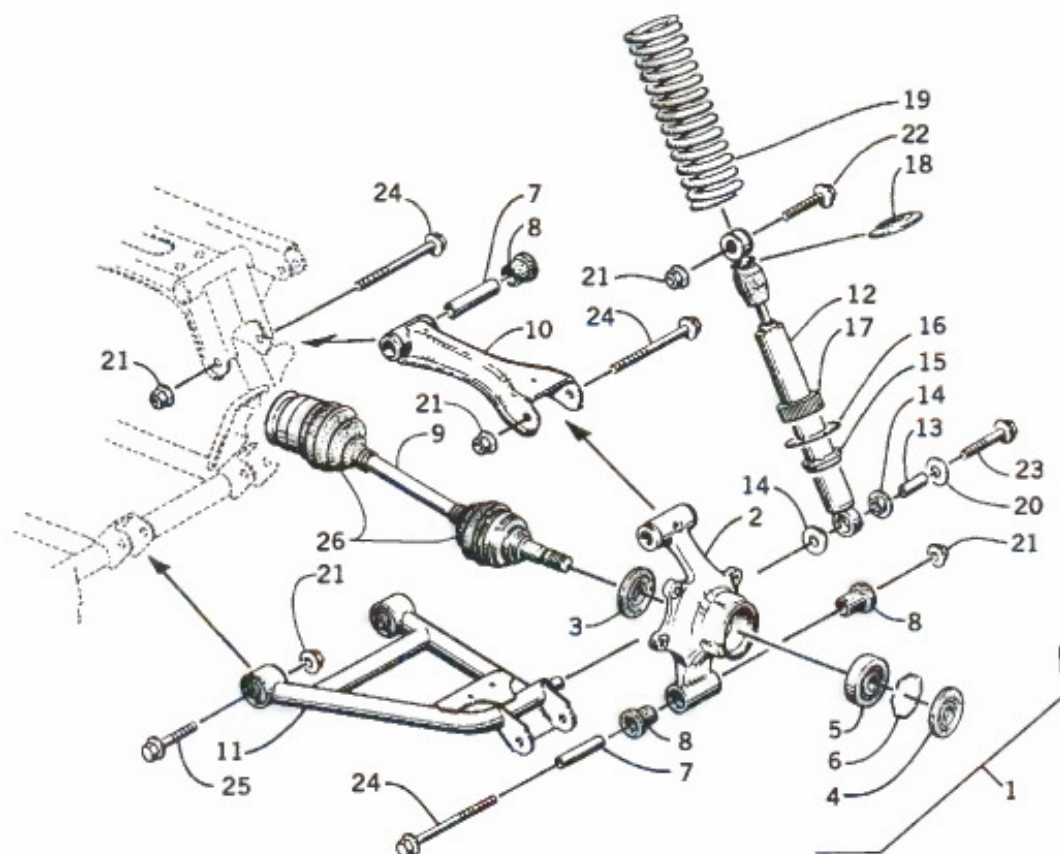
STEERING ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	0487-013	1	Cable, Speedometer (300 4x4)	18	0405-039	2	Grip, handlebar
2	8477-616	3	Screw, Machine	19	0605-171	1	Housing, Bearing-Lower
3	0420-040	1	Speedometer (inc. 7, 13 and 36-39)	20	0405-020	2	Bearing, Steering Post
4	0423-052	1	(300 4x4)	21	0605-147	1	Housing, Bearing-Upper
5	3430-040	1	Collar, Body	22	0623-175	4	Pin, Cotter
6	3409-007	1	Switch, Ignition-Assembly (inc. 6)	23	0505-073	1	Post, Steering
	3409-011	1	● Key, Ignition-Blank (C Series)	24	8408-816	2	Screw, Cap
	3409-012	1	● Key, Ignition-Blank (D Series)	25	0602-233	1	Flange, Bearing
	3409-013	1	● Key, Ignition-Blank (E Series)	26	0405-052	1	Bearing, Steering
	3409-013	1	● Key, Ignition-Blank (F Series)	27	0423-073	1	Washer
7	0420-017	2	Washer (300 4x4)	28	8409-020	1	Screw, Cap
8	0405-063	1	Housing, Instrument	29	0423-157	4	Nut, Top Lock
9	0405-042	1	Plug, Instrument Pod (250/300 2x4)	30	0505-072	2	Tie Rod, Assembly (inc. 31-35)
10	0409-013	1	Cover, Key	31	8420-002	2	● Nut
11	8060-428	2	Rivet	32	0405-082	2	● Ball Joint, Tie Rod-Right
12	0420-029	1	Panel, LED	33	0405-083	2	● Ball Joint, Tie Rod-Left
	0420-022	1	Panel, LED (300 4x4)	34	0423-013	2	● Nut Left
13	0420-015	2	Pin, Retainer (300 4x4)	35	0405-032	2	● Tie Rod
14	8408-860	6	Screw, Cap	36	0420-032	1	Head, Speedometer (300 4x4)
15	0405-035	4	Cap, Steering Adjuster	37	0420-027	1	Knob, Speedometer Trip (300 4x4)
16	0506-348	1	Bracket, Key Switch	38	0420-018	1	Bracket, Speedometer (300 4x4)
17	0505-406	1	Tube, Handlebar	39	0420-016	2	Mount, Rubber (300 4x4)
Homologated ATVs							
40	AC000-106	1	Speedometer km/h				
	AC000-105	1	Bracket				
41	AC000-750	2	mirror				



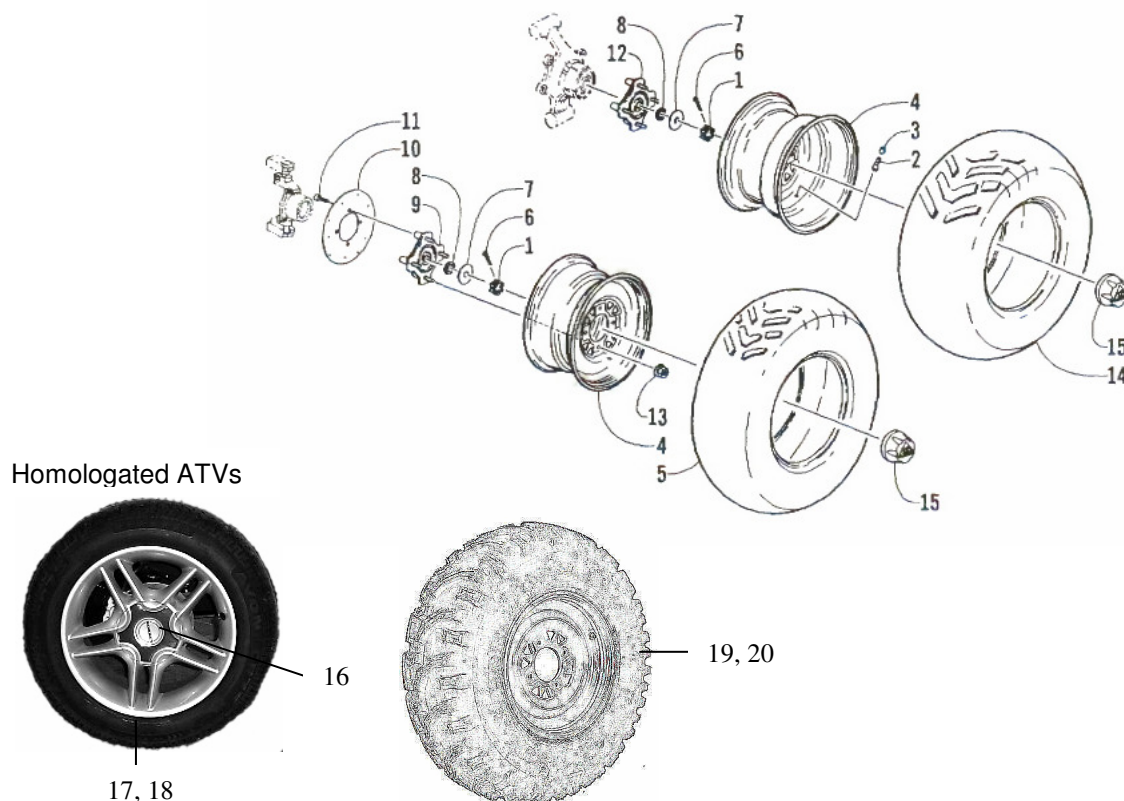
FRONT SUSPENSION ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	1603-889	2	Retainer, Spring	14	0505-062	1	● Knuckle, Steering-Right
2	0403-036	2	Shock Absorber-Front (inc. 3-4 & 25)		0505-063	1	● Knuckle, Steering-Left
	0403-015	2	Shock Absorber-Front (inc. 3-4 & 25) (300 4x4)	15	0402-275	2	● Bearing, Wheel Hub-Front
3	0604-310	8	● Bushing, Shock Absorber	16	0423-034	2	● Clip, Bearing
4	0403-028	4	● Sleeve, Shock	17	0402-089	2	● Seal, Wheel Bearing-Front
5	8428-002	12	Nut Lock	18	0402-069	2	● Seal, Wheel Bearing-Front
6	8409-040	4	Screw, Cap	19	8409-030	4	Screw, Cap
7	0403-037	2	Spring, Shock Absorber	20	8409-060	8	Screw, Cap
	0403-022	2	Spring, Shock Absorber (300 4x4)	21	0503-037	1	A-Arm, Lower Right (inc. 11-12)
8	0403-098	2	Collar, Spring		0503-036	1	A-Arm, Lower Left (inc. 11-12)
					0503-092	1	A-Arm, Lower Right (inc. 11-12) (4x4)
9	0403-013	2	Washer, Spring		0503-093	1	A-Arm, Lower Left (inc. 11-12) (4x4)
10	0503-026	1	A-Arm, Upper Right-Assembly (inc. 11-12)	22	0402-365	2	Axle, Drive-Front Right (4x4)
	0503-027	1	A-Arm, Upper Left-Assembly (inc. 11-12)	23	0436-276	4	Repair Kit, Boot-Front Axle (4x4)
11	0405-068	4	● Ball Joint-Front	24	0423-101	4	Screw, Body (4x4)
12	0423-009	4	● Clip, Ball Joint	25	0403-027	2	Retainer, Spring-Lower
13	0505-026	1	Knuckle-Assembly-Right (inc. 14-18)	26	0402-183	2	Axle, Stub (2x4)
	0505-027	1	Knuckle-Assembly-Left (inc. 14-18)	27	0406-656	2	Guard, Boot-Front Axle (4x4)



REAR SUSPENSION ASSEMBLY

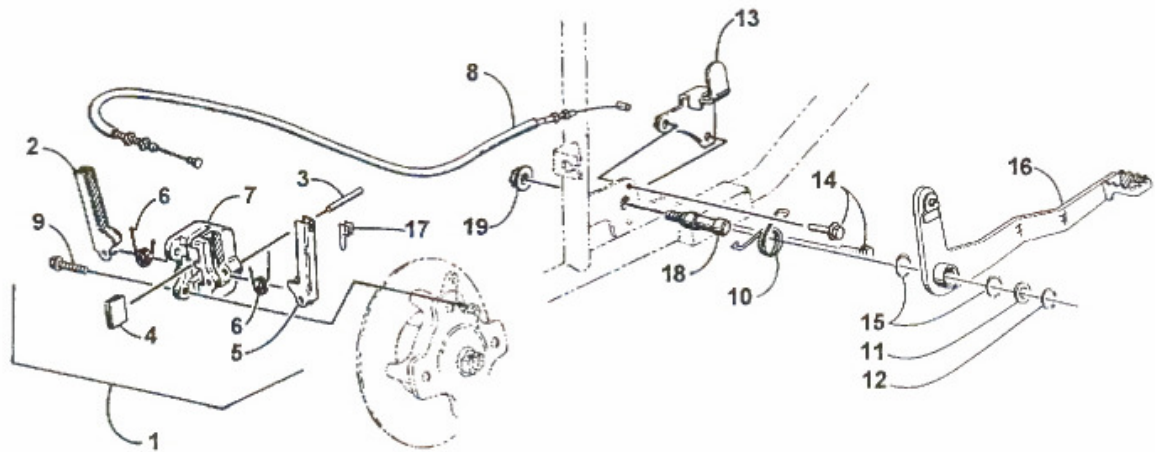
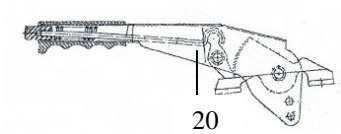
Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	0504-056	1	Knuckle, Right Rear-Assembly (inc.2-6)	13	0403-028	4	● Sleeve, Shock Absorber
	0504-057	1	Knuckle, Left Rear-Assembly (inc. 2-6)	14	0604-310	8	● Bushing, Shock Absorber
2	0504-042	1	● Knuckle – Right	15	0403-027	2	● Retainer, Spring-Lower
	0504-043	1	● Knuckle – Left	16	0403-013	2	Washer, Spring Adjust
3	0402-069	2	● Seal	17	<u>0403-098</u>	2	Collar, Spring
4	0402-089	2	● Seal	18	<u>1603-889</u>	2	Retainer, Spring
5	0402-275	2	● Bearing, Wheel	19	<u>0403-002</u>	2	Spring, Suspension
6	0423-034	2	● Clip, Bearing	20	0423-087	2	Washer
7	0403-038	6	Collar, Suspension Bushing	21	8428-002	12	Nut, Lock
8	0403-032	12	Bushing, Suspension	22	8409-040	2	Screw, Cap
9	0402-777	2	Axle, Drive	23	8408-820	2	Screw, Cap
10	0504-044	2	Arm, Rear-Upper	24	8409-000	6	Screw, Cap
11	0504-030	1	A-Arm, Rear-Lower Right	25	8409-060	4	Screw, Cap
	0504-031	1	A-Arm, Rear-Lower Left	26	0436-276	4	Repair Kit, Boot-Rear Axle
12	0404-014	2	Shock Absorber-Rear (inc. 13-15)				



WHEEL AND TIRE ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0423-346</u>	4	Nut, Hex	10	<u>0402-874</u>	3	Disc, Brake
2	<u>0402-064</u>	4	Stem, Valve (inc. 3)	11	<u>0423-029</u>	12	Screw, Machine
3	<u>0402-140</u>	4	● Cap, Valve Stem	12	<u>0502-258</u>	1	Hub, Wheel-Rear-Right
4	<u>0402-891</u>	4	Wheel Assembly		<u>0502-259</u>	1	Hub, Wheel-Rear-Left
5	<u>0402-316</u>	2	Tire, Front	13	<u>0423-322</u>	16	Nut, Mounting-Wheel
	<u>0402-317</u>	2	Tire, Front (300 4x4)	14	<u>0402-317</u>	2	Tire, Rear
6	<u>0123-458</u>	4	Pin, Cotter		<u>0402-319</u>	2	Tire, Rear (300)
7	<u>0423-080</u>	4	Washer	15	<u>0403-035</u>	4	Cap, Wheel-Center
8	<u>0402-181</u>	4	Seal, Hub				
9	<u>0502-260</u>	2	Hub, Wheel-Front (2x4)				
	<u>0502-258</u>	2	Hub, Wheel-Front (4x4)				
Homologated ATVs							
16	AC000-200	4	Rim aluminium 15" x 7				
17	AC000-202	2	Tire front 185x65-15 road				
18	AC000-201	2	Tire rear 195x65-15 road				
19	AC000-205	2	Tire tractor 25x8.00-12				
20	AC000-206	2	Tire tractor 26x9.00-12				

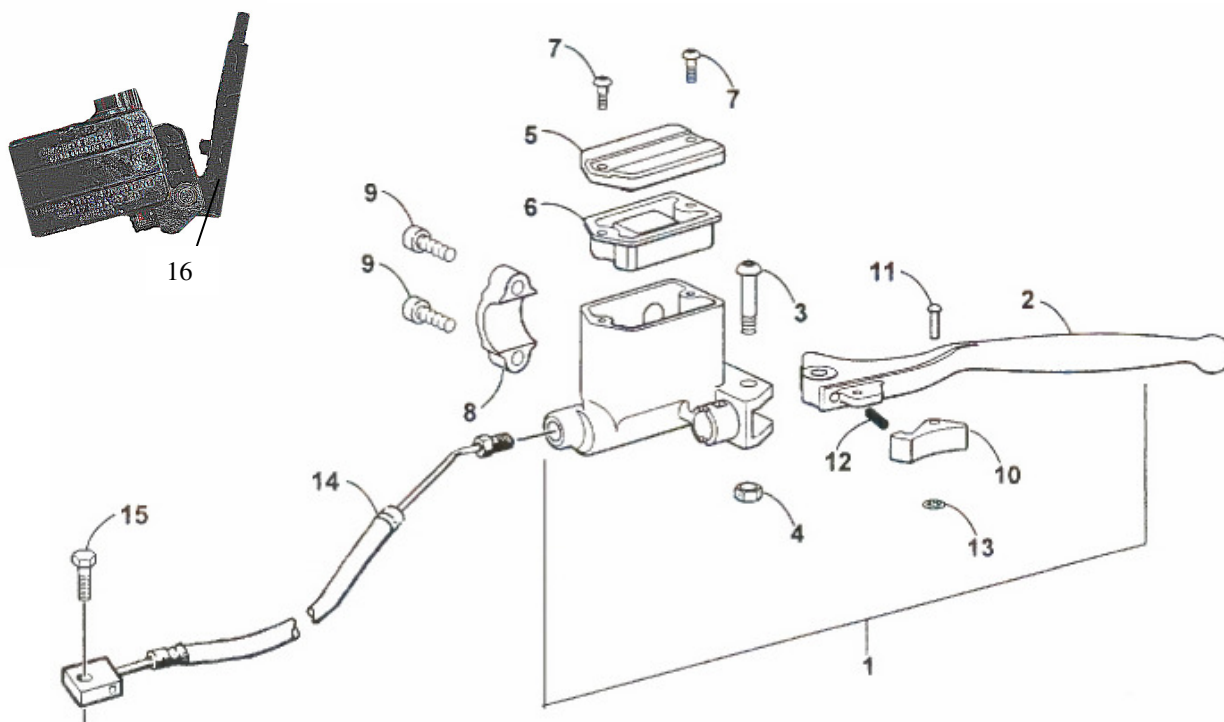
Homologated ATVs



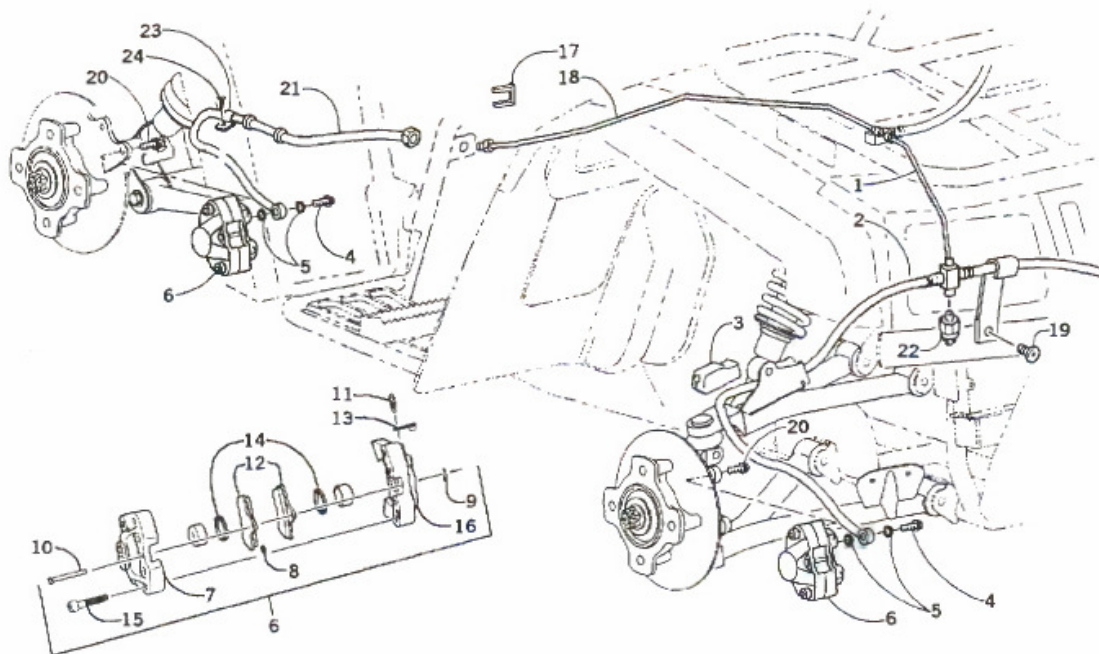
MECHANICAL BRAKE ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0502-230</u>	1	Mechanical Brake Assembly (inc.2-7)	11	0423-027	1	Washer, Brake Lever
2	<u>0402-811</u>	1	● Arm, Inner	12	0623-237	1	Ring, Snap
3	<u>0402-319</u>	2	● Pin, Arm	13	0502-056	1	Bracket, Bracket Switch
4	<u>0402-814</u>	2	● Pad, Brake	14	8476-616	2	Screw, Cap
5	<u>0402-812</u>	1	● Arm, Outer	15	0670-183	2	O-Ring
6	<u>0402-813</u>	2	● Spring, Arm	16	0502-095	1	Lever, Brake
7	*	1	● Housing, Brake	17	0402-379	1	Wire Form, Cable
8	0487-010	1	Cable, Brake-Rear	18	0406-562	1	Axle, Foot Brake
9	8408-825	2	Screw, Cap	19	0423-165	1	Nut
10	0402-161	1	Spring, Brake				
Homologated ATVs:							
20	AC000-740	1	Service brake lever				

Homologated ATV

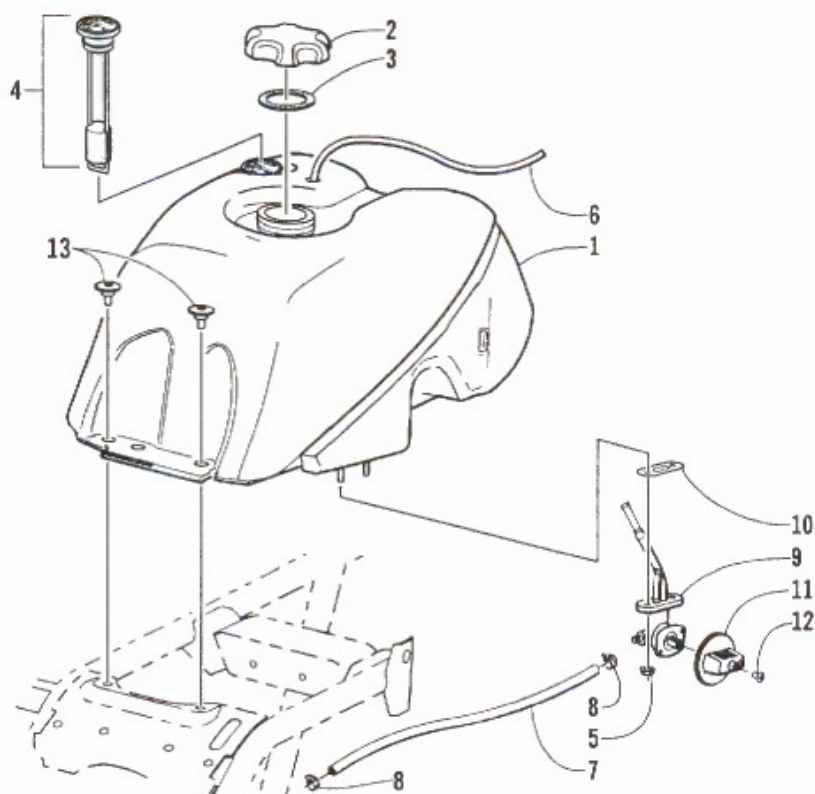


Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0502-324</u>	1	Cylinder, Master-Assembly (inc.2-13)	9	<u>0402-939</u>	2	● Screw
2	<u>0402-818</u>	1	● Lever, Brake	10	<u>0402-892</u>	1	● Lock, Brake Lever
3	<u>0402-940</u>	1	● Screw	11	<u>0402-936</u>	1	● Rivet
4	<u>0402-941</u>	1	● Nut, Lock	12	<u>0402-559</u>	1	● Spring, Brake-Lever Lock
5	<u>0402-544</u>	1	● Cover, Reservoir	13	<u>0402-937</u>	1	● Washer, Lock Internal Tooth
6	<u>0402-553</u>	1	● Bladder, Reservoir	14	<u>0402-879</u>	1	Hose, Brakeline
7	<u>0402-938</u>	2	● Screw	15	8476-625	1	Screw, Machine
8	<u>0402-894</u>	1	● Clamp, Master Cylinder				
Homologated ATVs:							
16	AC000-115	1	Lever cylinder foot brake				
	AC000-110	1	Bracket hydraulic cylinder				
17	AC000-111	1	Hose brakeline foot controlled				



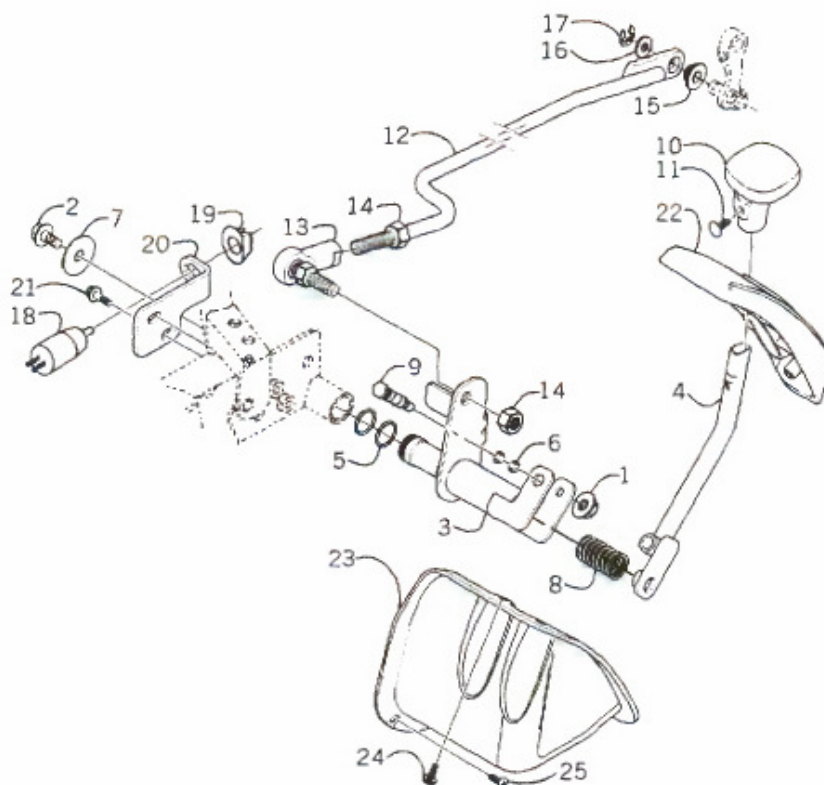
HYDRAULIC BRAKE ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	0402-053	1	Tube, Brakeline-Front	11	0402-493	3	● Cap, Bleed Valve
	0402-875	1	Tube, Brakeline-Front (300 4x4)	12	0402-882	6	● Pad, Brake
2	0402-880	1	Hose, Brake-Front	13	0402-491	3	● Valve, Bleed
	0402-833	1	Hose, Brake-Front (300 4x4)	14	0402-487	6	● O-Ring, Brake Caliper
3	0402-073	2	Block, Mounting	15	0402-492	6	● Screw, Socket Head
4	0423-389	3	Bolt, Banjo Fitting	16	*	1	● Housing, Caliper
5	0423-039	6	Washer, Crush	17	0402-597	1	Clip, Brakeline
6	0502-265	1	Caliper, Brake-Right-Front (inc. 7-16)	18	0402-170	1	Tube, Brakeline-Rear
	0502-266	2	Caliper, Brake-Left Front and Rear (inc. 7-16)	19	8476-625	1	Screw, Machine
7	*	3	● Housing, Caliper	20	8408-825	6	Screw, Cap
8	0402-490	3	● O-Ring	21	0402-881	1	Hose, Brake-Rear
9	0402-496	3	● Pin, Cotter	22	0402-901	1	Switch, Brake Pressure (300 4x4)
10	0402-495	3	● Pin, Brake Caliper	23	0123-269	1	Clamp, Hose
				24	0423-324	1	Screw, Machine



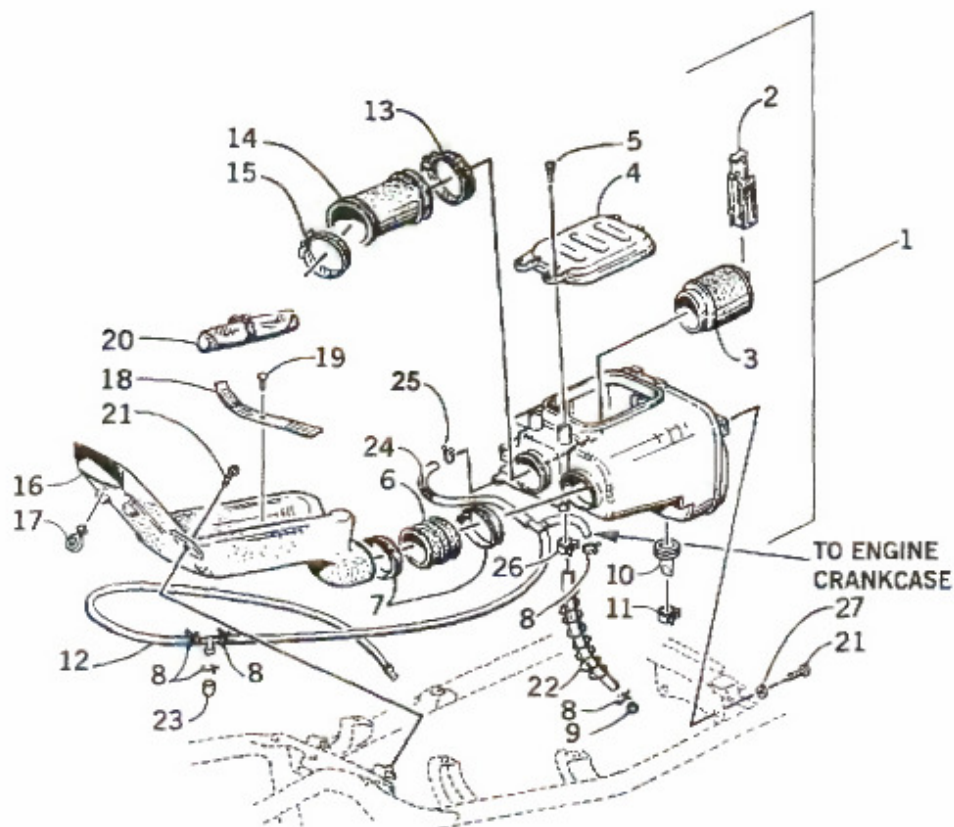
GAS TANK ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0570-068</u>	1	Tank, Gas-Assembly (inc. 2-10)	8	<u>0423-152</u>	2	● Clamp, Hose-Spring
2	<u>0470-438</u>	1	● Cap, Gas Tank (inc. 3)	9	<u>0470-445</u>	1	● Valve, Fuel Shut-Off (inc.10)
3	<u>0109-733</u>	1	●● Seal, Cap	10	<u>0470-364</u>	1	●● Gasket, Fuel Shut-Off Valve
4	<u>0470-444</u>	1	● Gauge, Fuel w/Gasket (Press-Fit)	11	<u>0470-408</u>	1	Knob, Fuel Shut-Off Valve
5	<u>0423-398</u>	2	● Nut, Lock	12	<u>0423-146</u>	1	Screw, Fuel Shut-Off Valve Knob
6	<u>0470-416</u>	1	● Hose, Vent	13	<u>0423-130</u>	2	Screw, Gas Tank
7	<u>0610-007</u>	AR	● Hose, Gasline-25 ft.				



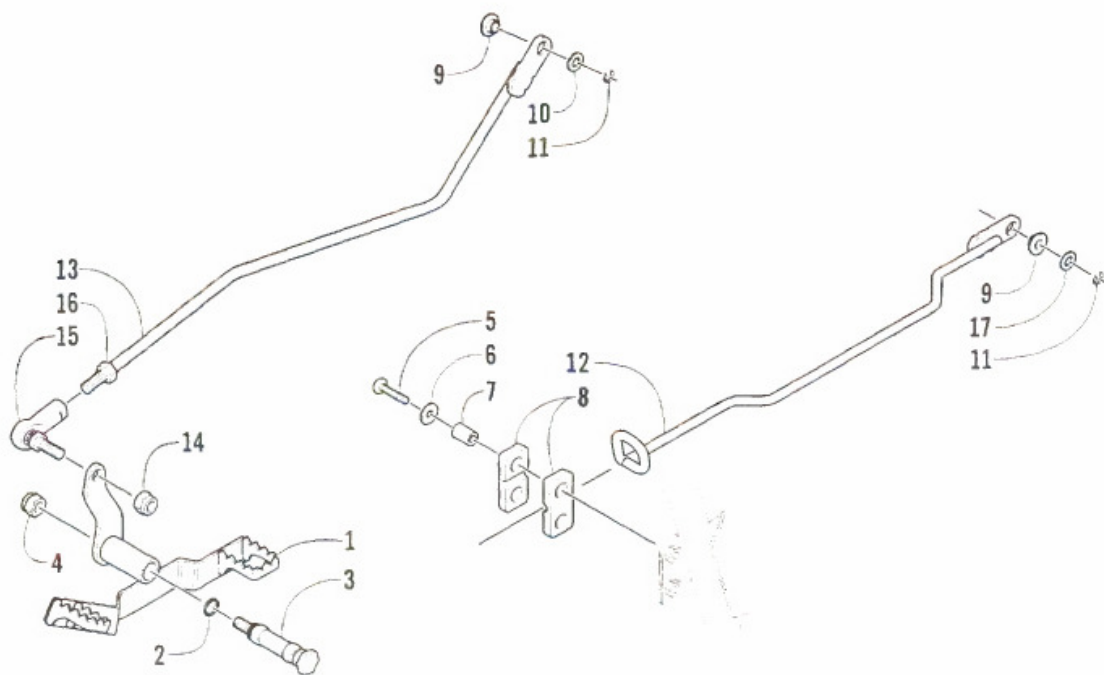
REVERSE SHIFT LEVER ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	8424-601	1	Nut	14	0623-294	2	Nut
2	8408-812	1	Screw, Cap	15	0423-091	1	Bushing, Shift
3	<u>0502-237</u>	1	Axle, Reverse Lever	16	8050-242	1	Washer
4	<u>0502-185</u>	1	Lever, Shift	17	3423-168	1	E-Ring
5	0423-299	2	O-Ring	18	0409-008	1	Reverse Switch
6	0423-182	2	O-Ring	19	0402-168	1	Retainer, Reverse Switch
7	0423-087	1	Washer	20	<u>0406-938</u>	1	Bracket Reverse Switch
8	0402-678	1	Spring, Reverse Lever	21	8408-616	2	Screw, Cap
9	0402-675	1	Axle, Pivot	22	<u>0402-847</u>	1	Plate, Shift
10	0402-843	1	Handle, Reverse Lever	23	<u>0406-943</u>	1	Shield, Linkage
11	<u>0423-345</u>	1	Clip, Push	24	<u>0423-373</u>	3	Screw, Machine
12	<u>0502-250</u>	1	Linkage, Shift	25	<u>0623-309</u>	1	Screw, Self-Tapping
13	<u>0402-844</u>	1	End, Rod				



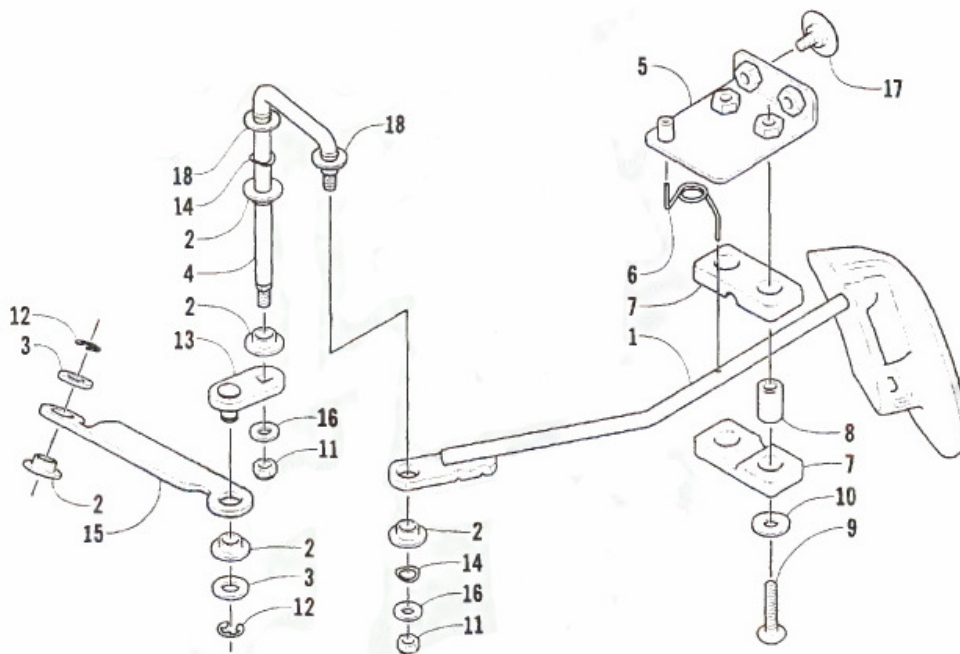
AIR INTAKE ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3570-001	1	Intake, Air-Assembly (inc. 2-5)	15	3402-235	1	Clamp
2	3402-330	1	● Slider, Retainer-Filter	16	0570-062	1	Snorkel, Air Intake-Assembly (inc.17-19)
3	0470-421	1	● Filter, Air	17	0623-101	1	● Clip, Routing
4	3402-331	1	● Cap	18	0406-379	1	● Strap, Tool Kit
5	8477-610	2	● Screw, Cap	19	0606-586	1	● Plug, Hole-Retaining Clip
6	3423-329	1	Joint	20	0444-122	1	Kit, Tool
7	3423-311	2	Clamp	21	8476-616	5	Screw, Cap
8	3423-313	5	Clip	22	0423-128	1	Spring, Vent Tube
9	0423-127	1	Plug, Drain	23	3402-334	1	Plug, Breather
10	0470-442	1	Valve, Air Intake	24	3470-002	1	Valve, Check
11	0423-071	1	Clamp	25	3423-424	1	Clip
12	3470-004	1	Tube, Crankcase Breather	26	0423-047	1	Clamp
13	3402-236	1	Clamp	27	8053-212	1	Washer, Lock-External Tooth
14	0470-347	1	Boot, Air Intake				



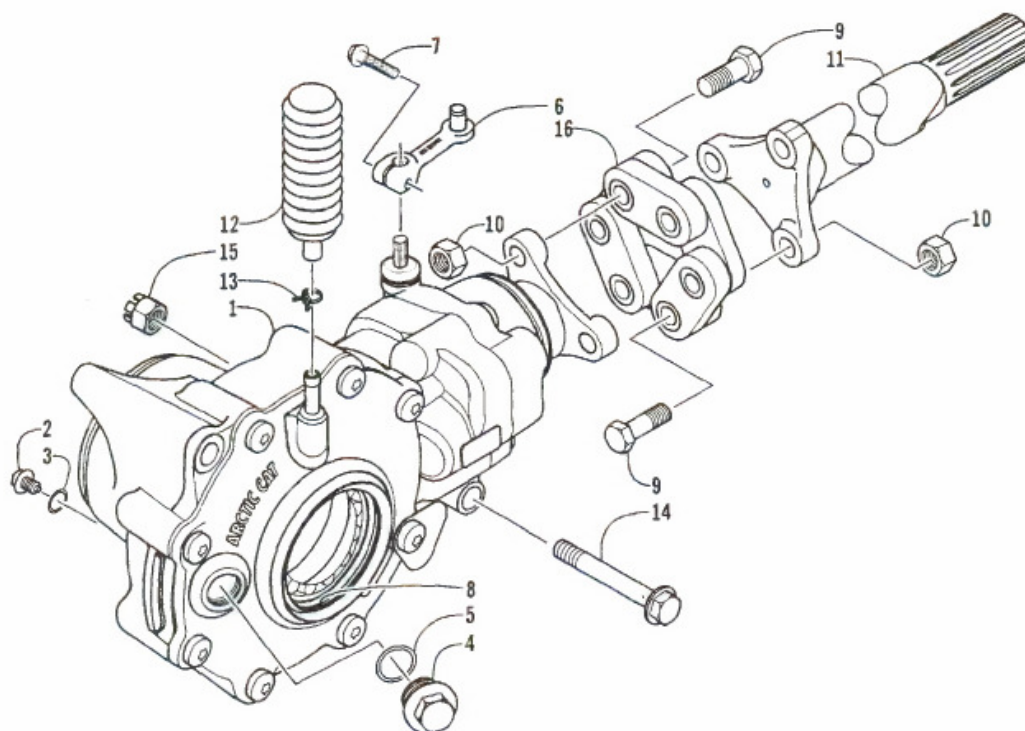
SHIFTER ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0502-253</u>	1	Lever, Footshift	10	8050-242	1	Washer
2	0423-096	2	O-Ring	11	3423-168	2	E-Ring, Linkage
3	0402-370	1	Axle Lever	12	<u>0502-257</u>	1	Linkage, High/Low
4	8422-002	1	Nut	13	<u>0502-256</u>	1	Linkage, Footshift
5	8476-630	2	Screw, Cap	14	0623-025	1	Nut, Lock
6	8050-222	2	Washer	15	<u>0402-844</u>	1	End, Rod
7	0402-256	2	Collar, High/Low Shift	16	0623-294	1	Nut
8	0406-363	2	Bushing, High/Low Shift	17	8050-247	1	Washer
9	0423-091	2	Bushing, Linkage				



FRONT DRIVE SHIFT LINKAGE ASSEMBLY (300 4x4)

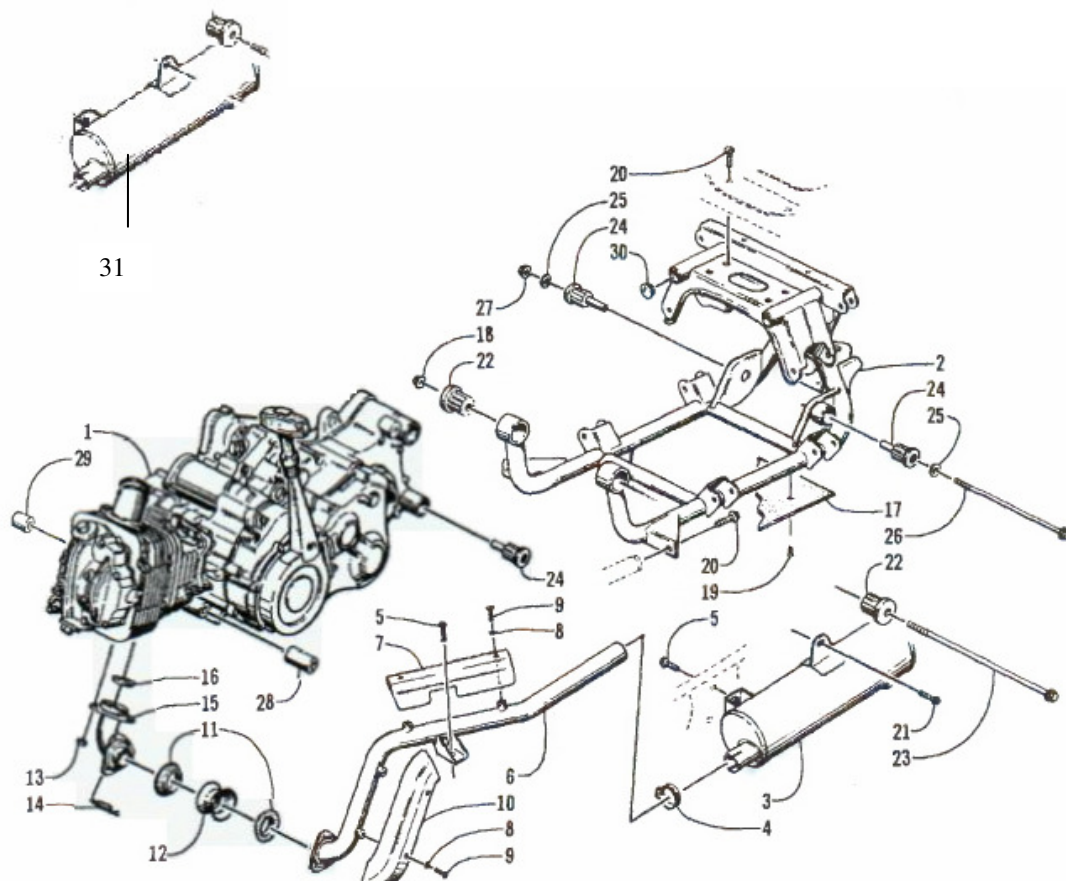
Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0502-291</u>	1	Shifter	10	8050-222	2	Washer
2	<u>0423-091</u>	5	Bushing	11	0624-250	2	Nut, Lock
3	8050-247	2	Washer	12	0124-057	2	E-Ring
4	<u>0402-821</u>	1	Arm, Shifter	13	<u>0502-295</u>	1	Arm, Selector
5	<u>0502-234</u>	1	Plate, Mounting	14	<u>0423-368</u>	2	Washer, Wave
6	<u>0402-828</u>	1	Spring, Torsion	15	<u>0402-824</u>	1	Cross-Link
7	0406-363	2	Bushing	16	<u>0423-348</u>	2	Washer
8	0402-256	2	Collar	17	0423-101	2	Screw, Body
9	8476-630	2	Screw, Machine	18	0123-053	2	Washer



FRONT DIFFERENTIAL ASSEMBLY (4x4)

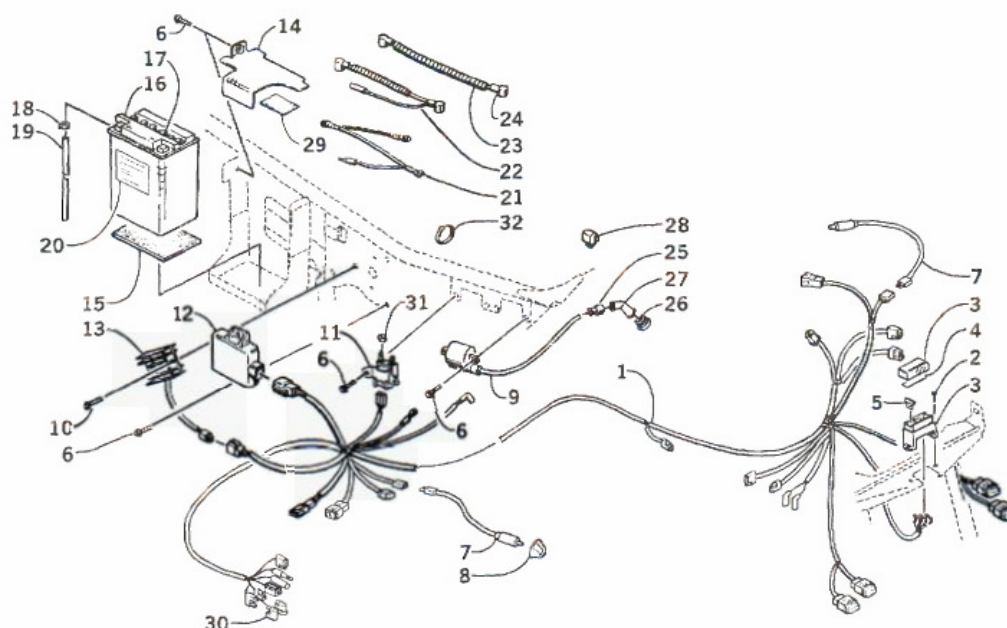
Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	0502-153	1	Gearcase, Front-Assembly	9	3423-182	6	Screw, Cap
2	0402-450	1	● Plug, Magnetic (inc. 3)	10	3004-491	6	Nut
3	0423-153	1	●● O-Ring	11	0502-201	1	Shaft, Propeller
4	0402-333	1	● Plug, Fill (inc. 5)	12	0402-147	1	Bladder, Gearcase
5	0423-154	1	●● O-Ring	13	0423-315	1	Clamp, Hose
6	0502-092	1	● Arm, Selector	14	3423-010	2	Screw, Cap
7	8476-620	1	● Screw, Machine	15	8428-002	2	Nut, Lock
8	0402-394	2	● Seal	16	3435-007	1	Coupler, Propeller Shaft

Homologated ATVs

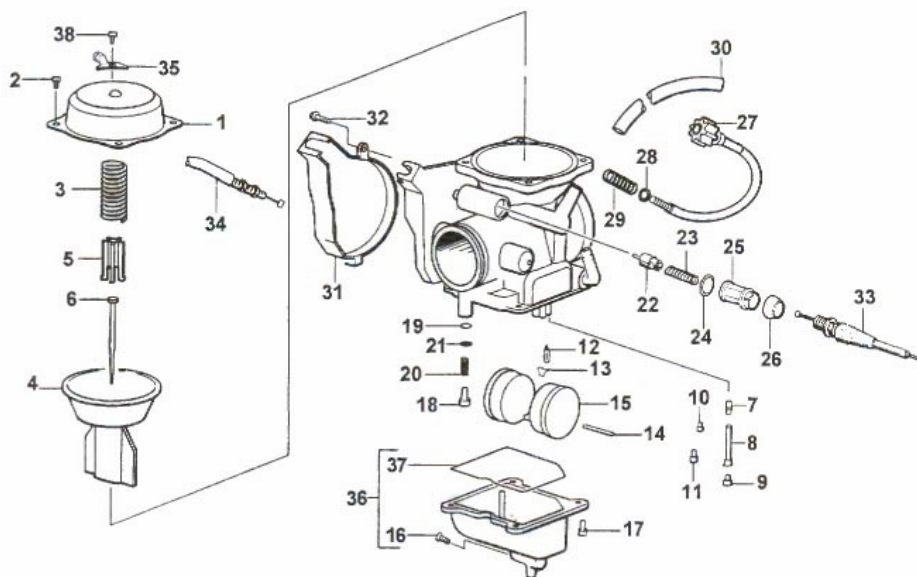


ENGINE AND RELATED PARTS

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	0462-012	1	Engine (250 2x4)	15	0512-008	1	Pipe, Header
	0462-016	1	Engine (250 4x4)	16	3402-300	1	Seal, Exhaust Pipe
	0462-005	1	Engine (300 2x4)	17	0406-787	1	Panel, Belly-Sub-Frame (300)
	0462-009	1	Engine (300 4x4)	18	8422-202	1	Nut
2	0506-189	1	Sub-Frame	19	0423-101	4	Screw, Body (300)
3	0512-011	1	Muffler	20	8409-020	6	Screw, Cap
4	0423-092	1	Clamp, Exhaust	21	8408-816	1	Screw, Cap
5	8408-812	1	Screw, Cap	22	3402-264	2	Mount, Engine
6	0512-014	1	Pipe, Exhaust	23	3423-236	1	Screw, Cap
7	0412-024	1	Cover, Exhaust-Rear	24	3402-263	8	Mount, Engine
8	8053-211	4	Washer, Lock	25	8050-272	4	Washer
9	8477-610	4	Screw, Cap	26	3423-221	2	Screw, Cap
10	0412-023	1	Cover, Exhaust	27	8432-002	2	Nut
		1					
11	0612-887	2	Gasket, Exhaust	28	0402-231	1	Spacer, Engine Mount-Long
12	0412-031	1	Coupler, Exhaust	29	0402-232	1	Spacer, Engine Mount-Short
		1					
13	8424-802	2	Nut	30	0406-320	2	Cap, Sub-Frame
14	0123-321	3	Spring, Extension				
Homologated ATVs							
31	AC000-141	1	Muffler catalyzed (250)				
	AC000-142	1	Muffler catalyzed (300)				

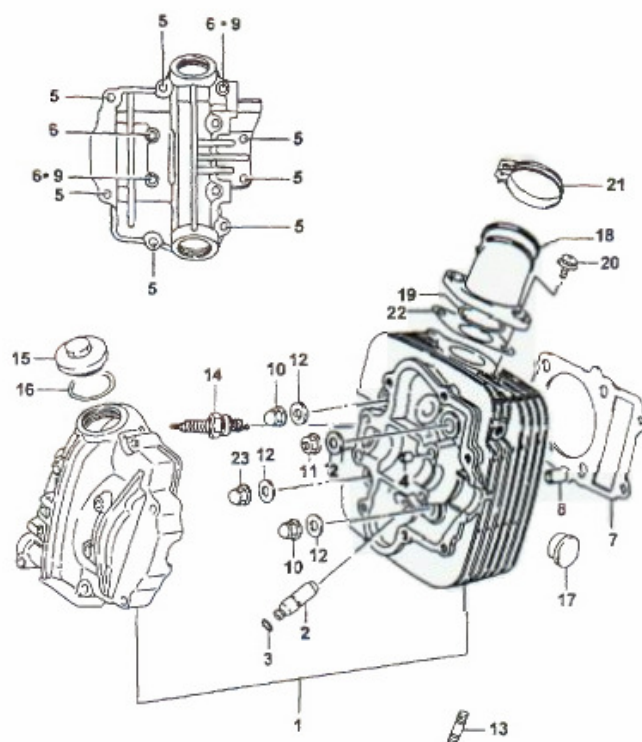


Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	<u>0486-088</u>	1	Harness, Main	14	0506-254	1	Bracket, Battery
	<u>0486-086</u>	1	Harness, Main (300 2x4)	15	0406-380	1	Pad, Battery
	<u>0486-082</u>	1	Harness, Main (300 4x4)	16	0645-063	1	Battery (inc. 17-20)
2	0623-361	2	Screw, Self Tapping	17	0645-045	6	● Cap, Battery
3	0530-003	1	Fuse Box Assembly	18	0645-152	1	● Clamp, Hose
4	<u>0411-404</u>	1	Decal, Fuse Box	19	0645-263	1	● Hose, Battery Vent
5	0630-057	3	Fuse, 10 Amp	20	0645-151	1	● Decal, Warning-Battery
	0630-057	4	Fuse, 10 Amp (250 4x4/300 2x4)	21	0445-010	1	Cable, Battery-Ground
	0630-058	1	Fuse, 15 Amp	22	0445-011	1	Cable, Battery-Relay
6	8476-616	8	Screw, Cap	23	0445-012	1	Cable, Battery-Starter
7	0409-009	2	Switch, Brake	24	0645-019	4	Boot, Terminal-Battery
8	0402-168	1	Retainer, Brake Switch	25	3430-009	1	Seal, High Tension Wire
9	3530-025	1	Coil, Ignition	26	3430-026	1	Seal, Spark Plug
	3530-012	1	Coil, Ignition (300)	27	3430-007	1	Cap, Spark Plug
10	8476-620	2	Screw, Cap	28	3530-026	1	Relay, Neutral Start
11	3530-013	1	Relay, Starter	29	0417-003	1	Foam, Battery Bracket
12	3530-024	1	CDI Unit	30	0486-029	1	Diode, (Start in Gear)
	3530-011	1	CDI Unit (300)	31	0624-250	2	Nut, Starter Relay
13	3530-014	1	Regulator, Voltage	32	0123-788	AR	Cable Tie- 7 in.
	3530-034	1	Regulator, Voltage (300)				
Homologated ATVs:							
33	AC000-150	1	Relay Box				
34	AC000-149	1	Relay – Direction light, hazard warning				
35	AC000-152	1	Relay – Light, Main-high beam				
36	AC000-158	1	Horn				
37	AC000-151	1	Control, indicator				



CARBURETOR

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	5507-001	1	Cover, Top	17	<u>5507-089</u>	4	Screw
2	5507-002	3	Screw, Top Cover		5507-017	4	Screw (300)
3	5507-052	1	Spring	18	5507-040	1	Screw, Pilot Air-Set (inc. 19-21)
4	5507-053	1	Piston, Vacuum	19	*	1	● O-Ring
5	5507-054	1	Spring, Seat	20	*	1	● Spring
6	5507-055	1	Jet Needle	21	*	1	● Washer
7	5507-056	1	Needle Jet	22	5507-022	1	Valve, Starter
8	5507-047	1	Holder, Needle Jet	23	5507-023	1	Spring
9	<u>5507-088</u>	1	Main Jet-138	24	5507-024	1	O-Ring
	<u>5507-057</u>	1	Main Jet-135 (300)	25	5507-025	1	Cap
	5507-041	1	Main Jet-147**	26	5507-026	1	Cap, Rubber
	5507-042	1	Main Jet-145**	27	5507-059	1	Screw, Idle Adjust (inc. 35)
	5507-043	1	Main Jet-142**	28	5507-028	1	Washer
	5507-044	1	Main Jet 140**	29	5507-029	1	Spring
	5507-009	1	Main Jet-150**	30	<u>5507-083</u>	1	Tube, Vinyl
10	5507-010	1	Slow Jet	31	5507-036	1	Cover
11	5507-090	1	Starter Jet-60	32	5507-037	1	Screw
	5507-058	1	Starter Jet-65 (300)	33	0487-017	1	Cable, Choke
12	5507-038	1	Valve, Float-Set (inc. 13)	34	0487-019	1	Cable, Throttle
13	*	1	● Clip	35	*	1	Bracket, Idle Adjust Screw
14	*	1	Pin, Float	36	<u>5507-064</u>	1	Chamber, Float Assembly (inc. 16, 37)
15	5507-039	1	Float Set (inc. 14)	37	5507-068	1	● O-Ring, Float Chamber
16	5507-050	1	Screw, Drain	38	5507-035	1	Screw

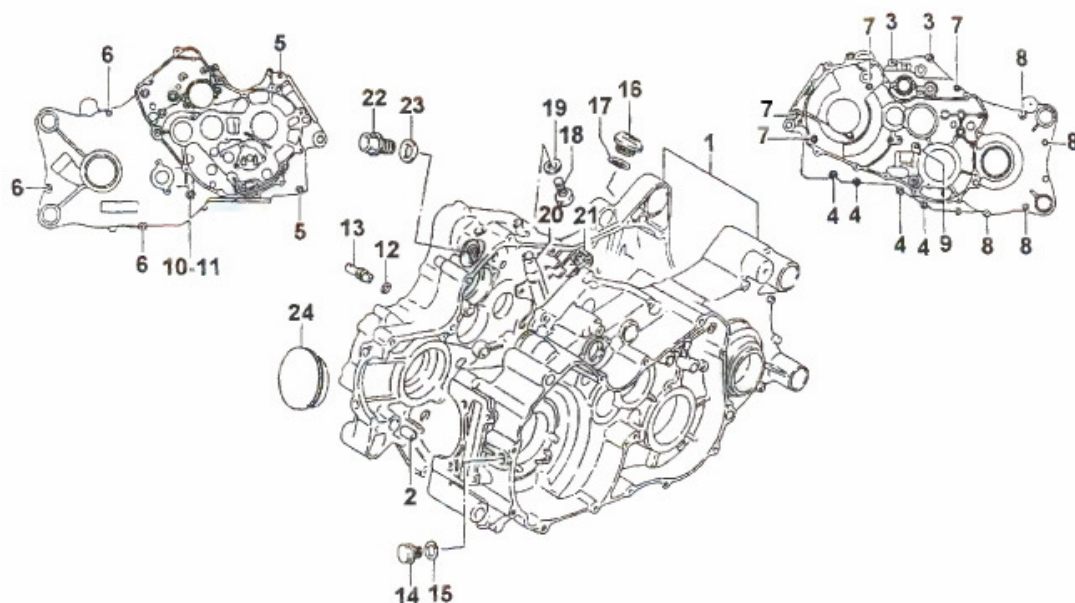


CYLINDER HEAD ASSEMBLY

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-407	1	Head, Cylinder-Assembly (inc. 2-6)	12	3005-243	4	Gasket
	3402-246	1	Head, Cylinder-Assembly (inc. 2-6) (300)	13	3004-279	2	Bolt, Stud
2	3402-247	2	● Guide, Valve	14	0217-713	1	Spark Plug (NGK DR7EA)
3	3423-068	2	● Ring, Valve, Guide	15	3402-249	2	Cap, Inspection
4	3423-043	2	● Pin, Dowel	16	3423-275	2	O-Ring
5	3004-426	7	● Screw, Cap	17	3402-213	1	Plug, Head
6	3423-304	3	● Screw, Cap	18	3402-533	1	Pipe, Intake
7	3402-408	1	Gasket, Cylinder Head	19	3423-276	1	O-Ring
	3402-248	1	Gasket, Cylinder Head (300)	20	3423-305	2	Screw
8	3004-822	2	Pin, Dowel	21	3402-086	1	Clamp
9	3003-290	2	Gasket	22	3402-298	1	Gasket, Intake Pipe
10	3423-257	2	Nut	23	3004-326	1	Nut (250)
11	3004-326	1	Nut		3423-257	1	Nut (300)

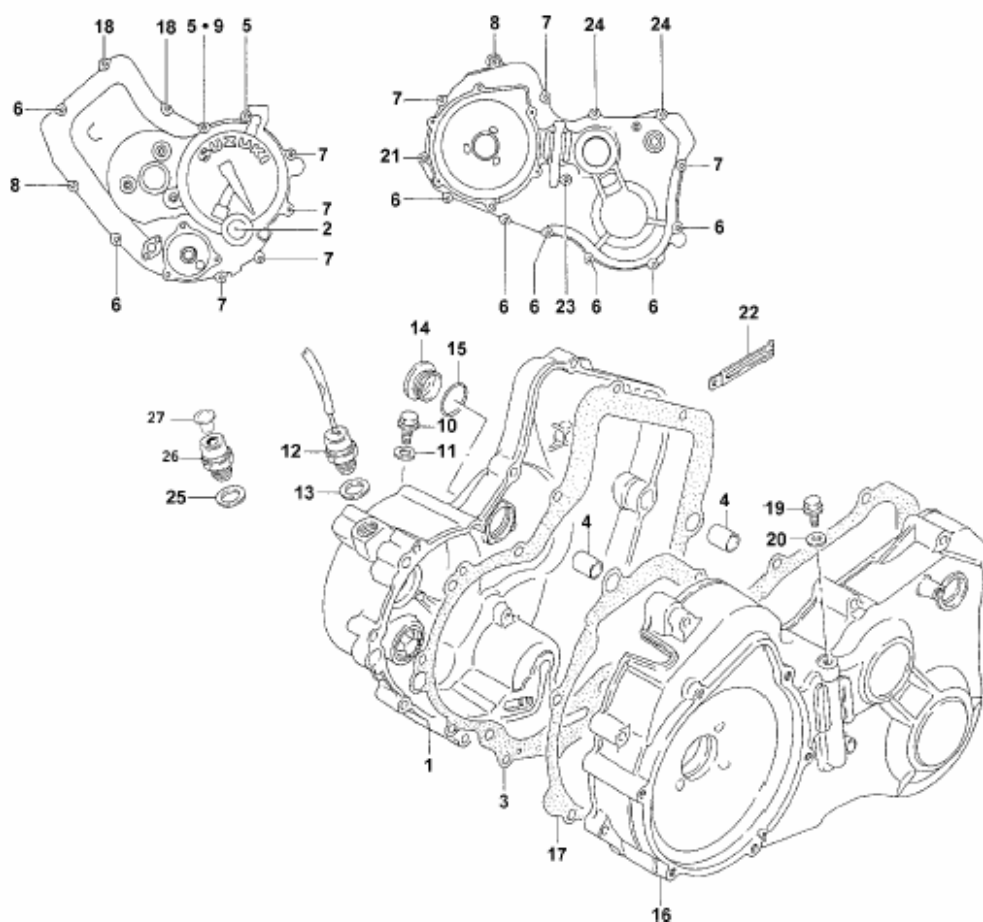


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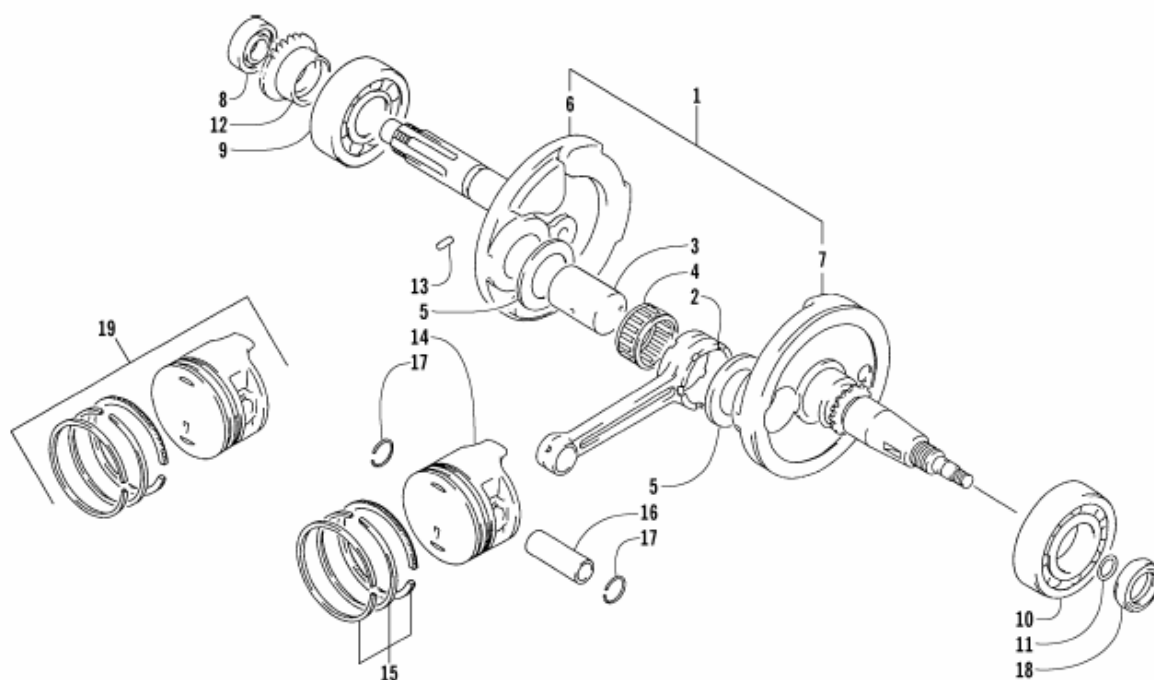
Crankcase Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-528	1	Crankcase Set (incl. 2-13)	14	3402-214	1	Plug
	3402-253	1	Crankcase Set (incl. 2-13) (300 2x4)	15	3402-012	1	Gasket
	3402-314	1	Crankcase Set (incl. 2-13) (300 4x4)	16	3402-212	1	Cap, Oil Filler
2	3423-088	2	● Pin, Dowel	17	3423-274	1	O-Ring
3	3423-162	2	● Screw, Cap	18	3402-404	1	Plug, Oil Drain
4	3423-098	4	● Screw, Cap		3402-327	1	Plug, Oil Drain (300)
5	3423-091	2	● Screw, Cap	19	3402-011	1	Gasket
6	3423-307	3	● Screw, Cap	20	3402-413	1	Pipe, Breather
7	3423-308	4	● Screw, Cap		3402-530	1	Pipe, Breather (250 4x4)
8	3423-094	4	● Screw, Cap		3402-257	1	Pipe, Breather (300)
9	3423-232	1	● Screw, Cap	21	3402-250	1	Separator, Oil Breather (300)
10	3423-234	1	● Screw, Cap	22	3402-258	1	Plug, Reverse Switch Hole
11	3005-243	1	● Gasket	23	3423-271	1	O-Ring
12	3423-051	1	● O-Ring, Oil Gallery Jet	24	3423-208	1	Plug, Crankcase (250 4x4)
13	3402-245	1	● Jet, Oil Gallery				



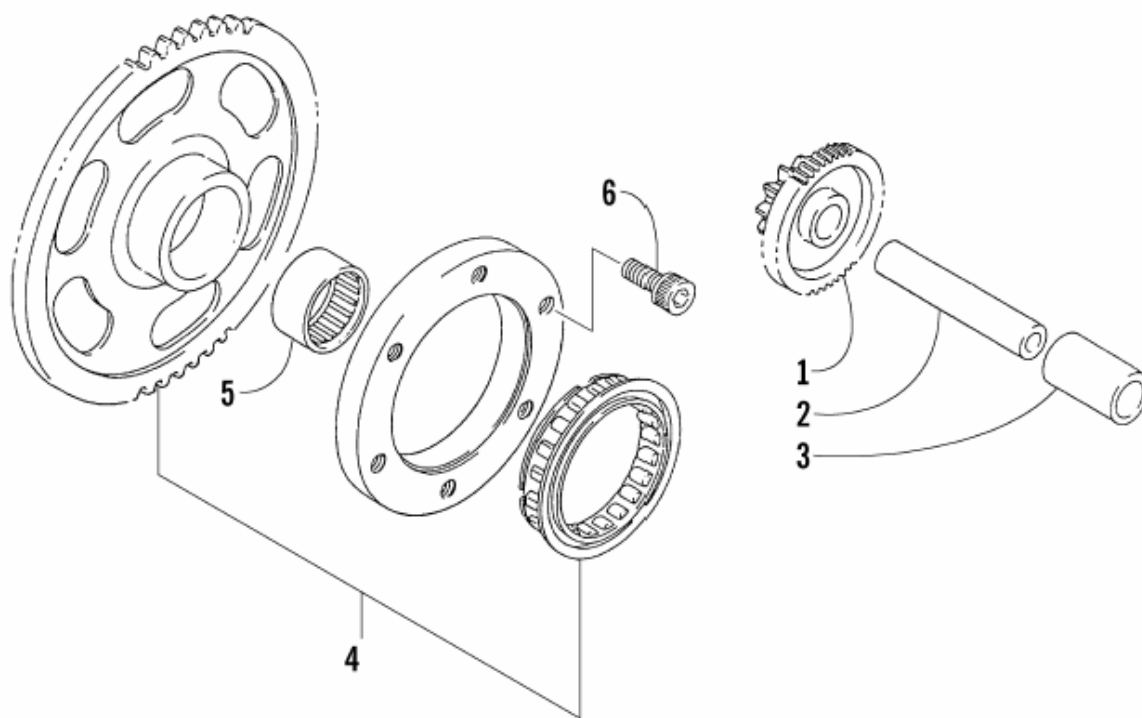
Crankcase Cover Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-254	1	Cover, Clutch (incl.2)	16	3402-256	1	Cover, Transfer
2	3402-112	1	● Lens, Oil inspection	17	3402-262	1	Gasket, Transfer Cover
3	3402-280	1	Gasket	18	0693-327	2	Bolt
4	3423-088	4	Pin, Dowel		3423-098	2	Bolt (300)
5	3423-231	2	Bolt	19	3004-339	1	Plug, Oil Gallery
6	0693-327	8	Bolt	20	3003-290	1	Gasket
7	3423-098	7	Bolt	21	3004-756	1	Screw, Cap
8	3423-307	2	Bolt	22	0693-274	2	Clamp, Breather Hose
9	3003-290	1	Gasket		3402-237	2	Clamp, Breather Hose (300)
10	3004-705	2	Plug, Oil Gallery	23	3423-308	1	Screw, Cap
11	3005-242	2	Gasket	24	3423-091	2	Screw, Cap
12	3430-019	1	Switch, Oil Sensor (300)	25	3402-013	1	Gasket (250)
13	3402-013	1	Gasket (300)	26	3402-041	1	Plug, Oil Gallery (250)
14	3402-215	1	Cap, Clutch Adjust	27	3402-405	1	Cap, Oil Gallery Plug (250)
15	3423-274	1	O-Ring				



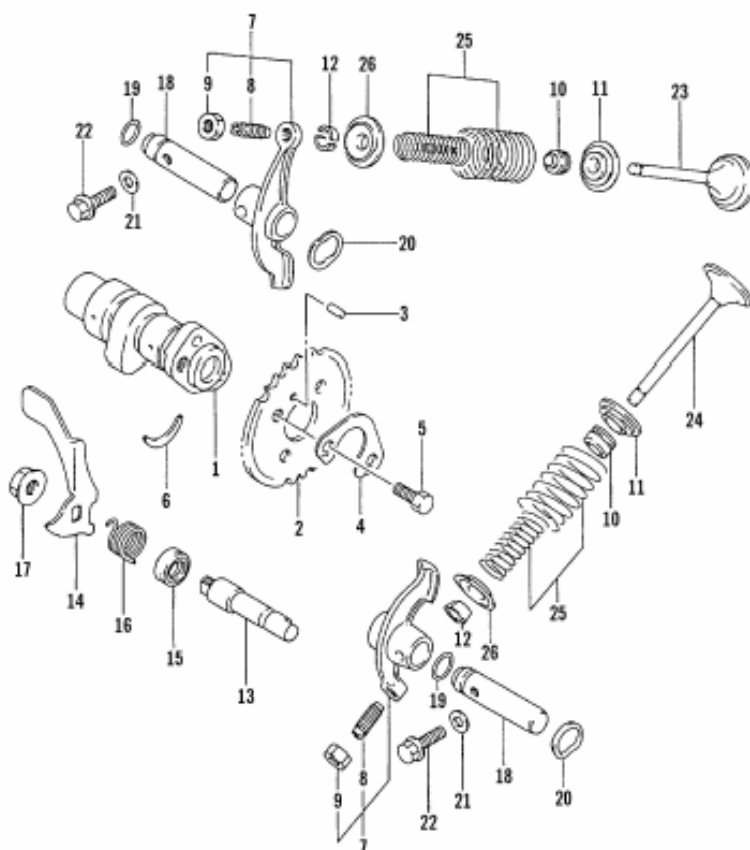
Crankshaft Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-419	1	Crankshaft Assembly (incl. 2-7)	13	3423-114	1	Pin
	3402-269	1	Crankshaft Assembly (incl. 2-7) (300)	14	3402-415	1	Piston
2	3402-418	1	● Rod, Connecting		3402-265	1	Piston (300)
	3402-268	1	● Rod, Connecting (300)	15	3402-416	1	Ring, Piston – Set
3	3402-529	1	● Pin, Crank		3402-266	1	Ring, Piston – Set (300)
	3402-270	1	● Pin, Crank (300)		3436-013	1	Ring, Piston – Set (Oversized 0.50 mm)
4	3402-406	1	● Bearing		3436-014	1	Ring, Piston – Set (Oversized 1.00 mm)
	3402-223	1	● Bearing (300)		3436-011	1	Ring, Piston – Set (Oversized 0.50 mm) (300)
5	3005-241	2	● Washer (300)		3436-012	1	Ring, Piston – Set (Oversized 1.00 mm) (300)
6	3402-420	1	● Crankshaft – Right	16	3402-417	1	Pin, Piston
	3402-271	1	● Crankshaft – Right (300)		3402-267	1	Pin, Piston (300)
7	3402-421	1	● Crankshaft – Left	17	3423-366	2	Circlip
	3402-272	1	● Crankshaft – Left (300)		3423-280	2	Circlip (300)
8	3402-216	1	Bearing – Right	18	3402-227	1	Seal, Oil
9	3402-221	1	Bearing – Middle	19	3402-423	1	Piston Set (Oversized 0.50 mm)
10	3402-180	1	Bearing – Left		3402-424	1	Piston Set (Oversized 1.00 mm)
	3402-055	1	Bearing – Left (300)		3402-306	1	Piston Set (Oversized 0.50 mm) (300)
11	3423-053	1	O-Ring		3402-307	1	Piston Set (oversized 1.00 mm) (300)
12	3402-428	1	Gear, Oil Pump Drive				
	3402-301	1	Gear, Oil Pump Drive (300)				



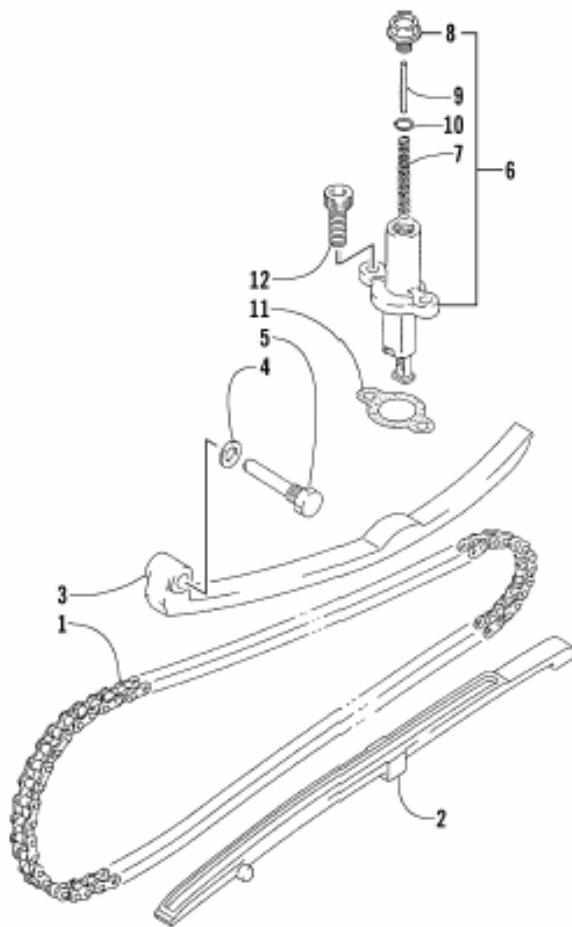
Starter Clutch Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-274	1	Gear, Starter Idler	4	3402-273	1	Clutch Set, Starter (incl. 5)
2	3423-267	1	Pin	5	3402-222	1	● Bearing
3	3402-145	1	Spacer	6	3423-309	3	Screw, Cap

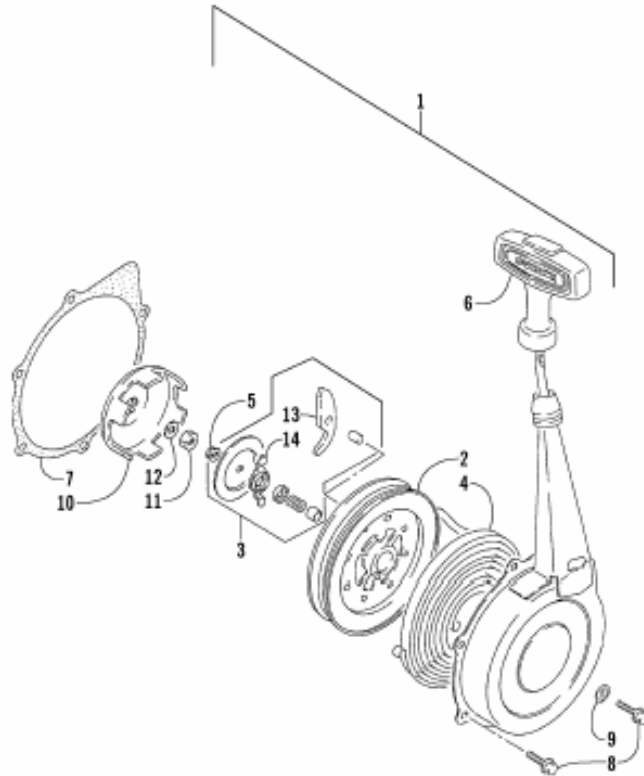


Camshaft/Valve Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-397	1	Camshaft	14	3402-296	1	Lever, Decompression
	3402-275	1	Camshaft (300)	15	3402-225	1	Seal, Oil
2	3402-427	1	Sprocket	16	3402-242	1	Spring
	3402-326	1	Sprocket (300)	17	3004-326	1	Nut
3	3423-047	1	Pin	18	3402-289	2	Shaft, Rocker Arm
4	3423-284	1	Washer	19	3423-052	2	O-Ring
5	3423-013	2	Screw	20	3423-259	2	Washer
6	3423-071	1	C-Ring	21	3003-290	2	Gasket
7	3402-288	2	Arm, Valve Rocker (incl. 8-9)	22	0693-416	2	Screw, Cap
8	3423-287	2	● Screw, Cap	23	3402-290	1	Valve, Intake
9	3423-288	2	● Nut	24	3402-291	1	Valve, Exhaust
10	3402-226	2	Seal, Oil	25	3402-401	2	Spring, Valve – Set
11	3402-403	2	Seat, Valve Spring		3402-292	2	Spring, Valve – Set (300)
	3402-294	2	Seat, Valve Spring (300)	26	3402-402	2	Retainer, Spring
12	0693-281	4	Cotter, Valve		3402-293	2	Retainer, Spring (300)
13	3402-295	1	Shaft, Decompression Lever				

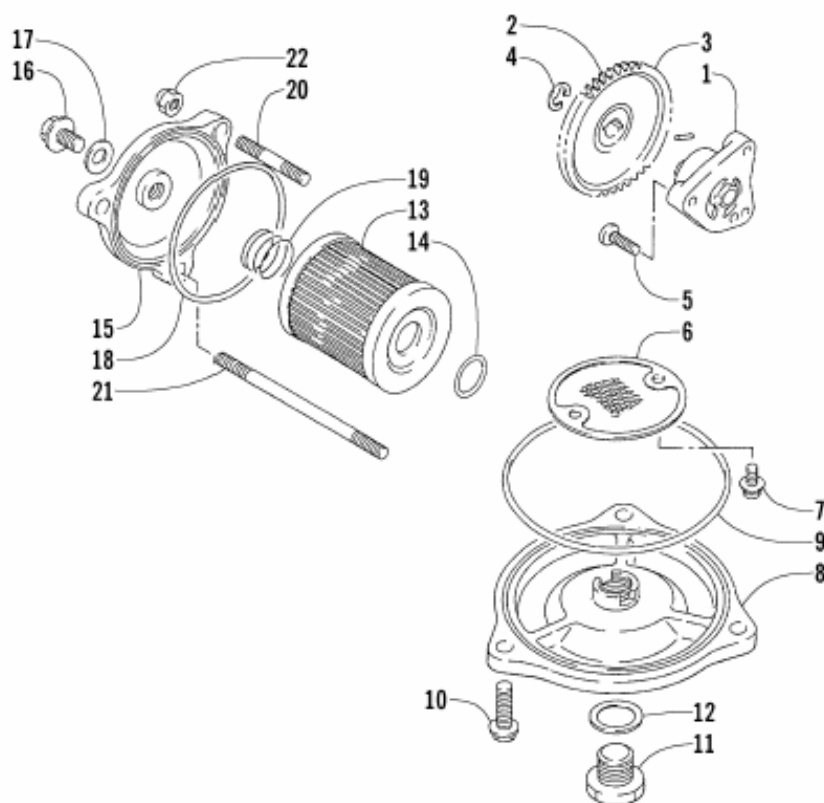


Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3402-398	1	Chain, Camshaft	6	3402-283	1	Adjuster, Tensioner – Assembly (incl. 7-10)
	3402-281	1	Chain, Camshaft (300)	7	3402-284	1	● Spring
2	3402-399	1	Guide, Camshaft Chain	8	3402-285	1	● Plug
	3402-277	1	Guide, Camshaft Chain (300)	9	3402-286	1	● Bar
3	3402-400	1	Tensioner, Camshaft Chain	10	3423-286	1	● O-Ring
	3402-282	1	Tensioner, Camshaft Chain (300)	11	3402-287	1	Gasket, Adjuster
4	3423-074	1	Screw, Cap	12	3004-576	2	Screw, Cap
5	3003-188	1	Washer				



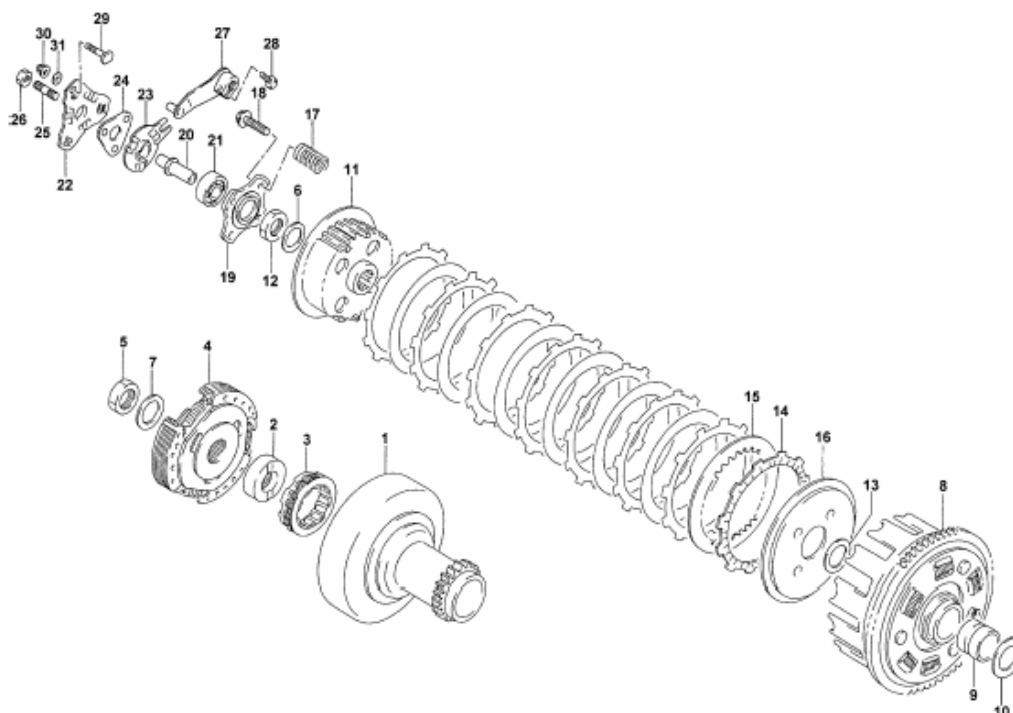
Recoil Starter Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3445-018	1	Starter, Recoil – Assembly (incl. 2-6 and 13-14)	8	3423-112	6	Screw, Cap
2	3445-019	1	● Reel	9	3003-290	1	Gasket
3	3445-016	1	● Ratchet – Assembly (incl. 13-14)	10	3445-022	1	Cup, Starter
4	3445-007	1	● Spring, Spiral	11	3004-336	1	Nut
5	3004-488	1	● Nut	12	3004-362	1	Washer, Lock
6	3445-020	1	● Rope Assembly	13	3445-005	1	Ratchet
7	3445-021	1	Gasket, Recoil	14	3445-006	1	Guide, Ratchet



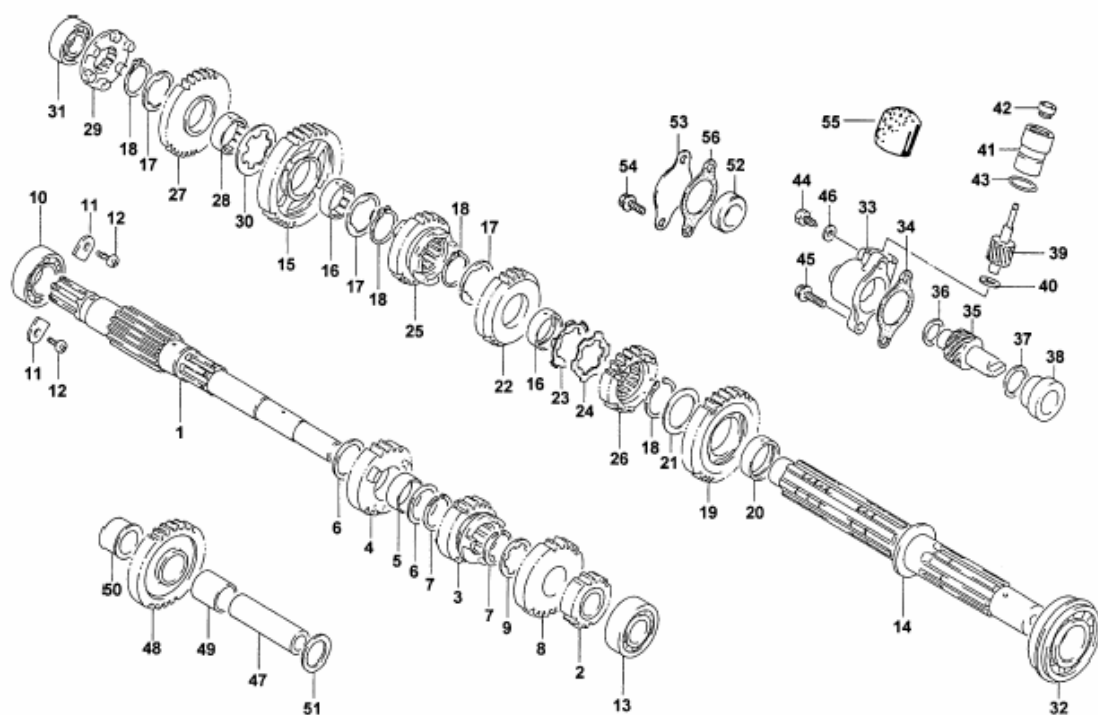
Oil Pump Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3445-017	1	Pump, Oil	12	3402-012	1	Gasket
2	3402-302	1	Gear, Driven	13	3436-005	1	Filter, Oil
3	3423-285	1	Pin	14	3423-270	1	O-Ring
4	3423-168	1	Circlip	15	3402-303	1	Cap, Oil Filter
5	3004-402	3	Screw, Cap	16	3004-705	1	Plug, Oil Check
6	3402-304	1	Strainer, Oil	17	3005-242	1	Gasket
7	0693-389	2	Screw, Cap	18	3423-277	1	O-Ring
8	3402-305	1	Cap, Oil Strainer	19	3402-238	1	Spring
9	3423-278	1	O-Ring	20	3423-314	2	Bolt, Stud
10	3004-507	3	Screw, Cap	21	3004-543	1	Bolt, Stud
11	3402-037	1	Plug, Drain	22	3423-315	3	Nut
	3402-036	1	Plug, Drain (300)				



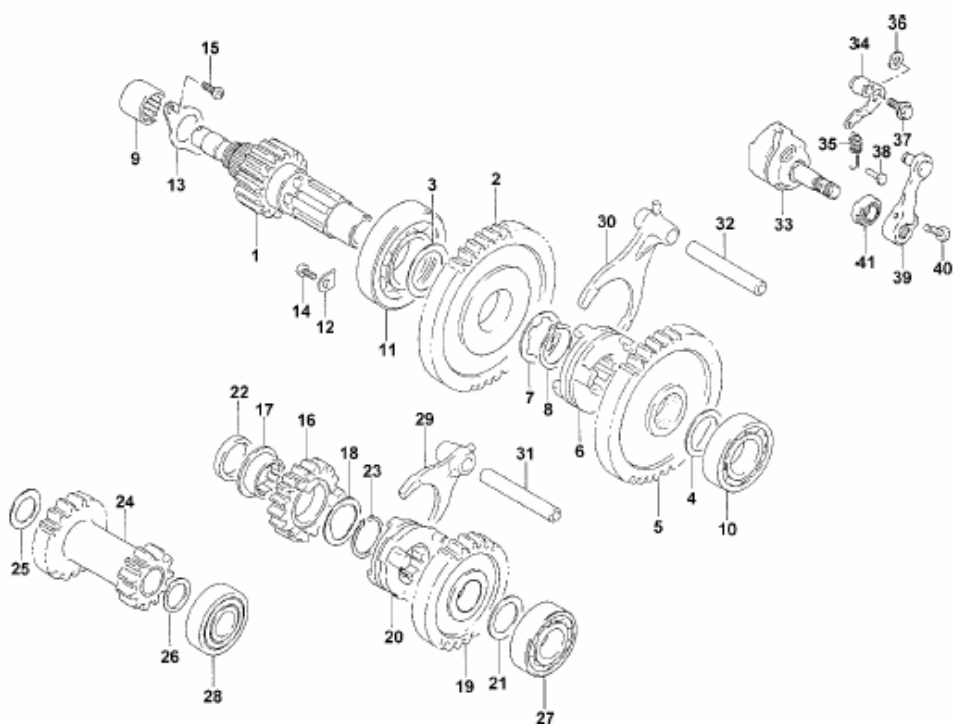
Clutch Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3446-253	1	Gear, Primary Drive	15	3446-125	6	Plate, Driven
	3446-120	1	Gear, Primary Drive (300)		3446-125	7	Plate, Driven (300)
2	3446-129	1	Race, Inner	16	3446-256	1	Plate, Clutch Pressure
3	3446-122	1	Clutch, One Way		3446-126	1	Plate, Clutch Pressure (300)
4	3446-257	1	Clutch Assembly	17	3402-239	4	Spring
	3446-128	1	Clutch Assembly (300)	18	3004-341	4	Screw, Cap
5	3423-253	1	Nut	19	3446-127	1	Plate, Release
6	3423-032	1	Washer, Lock	20	3446-130	1	Rod, Push
7	3423-260	1	Washer, Lock	21	3402-043	1	Bearing
8	3446-254	1	Gear, Primary Assembly	22	3446-133	1	Guide, Ball – Outer
	3446-121	1	Gear, Primary Assembly (300)	23	3446-131	1	Guide, Ball – Inner
9	3402-206	1	Spacer	24	3446-134	1	Ball, Release
10	3402-211	1	Washer	25	3423-248	1	Screw, Adjuster
11	3446-255	1	Hub, Clutch	26	3423-022	1	Nut, Adjuster
	3446-123	1	Hub, Clutch (300)	27	3446-132	1	Arm, Release
12	3423-254	1	Nut	28	3423-125	1	Screw, Cap
13	3423-316	1	Washer	29	3423-245	3	Screw, Cap
14	3446-124	7	Plate, Drive	30	0693-316	3	Nut
	3446-124	8	Plate, Drive (300)	31	3003-290	3	Seal, Cap Screw



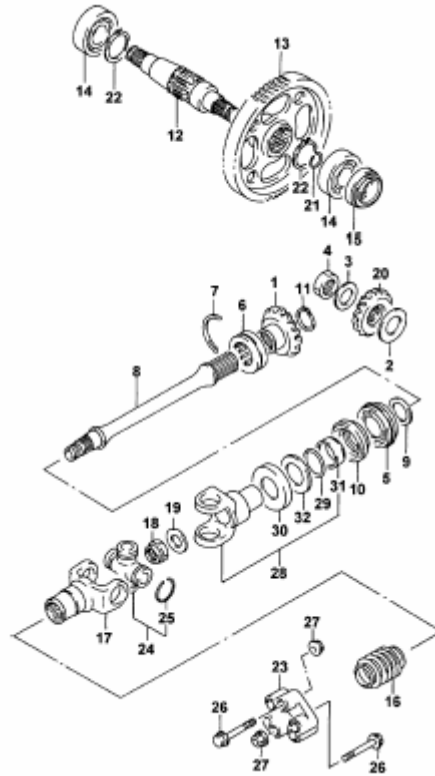
Transmission Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3446-135	1	Countershaft	30	3423-263	1	Washer
2	3446-137	1	Gear, 2nd Drive	31	3402-218	1	Bearing – Right
3	3446-138	1	Gear, 3rd Drive	32	3402-220	1	Bearing - Middle
4	3446-139	1	Gear, 4th Drive	33	3446-057	1	Housing, Speedometer Gear (300 4x4)
5	3402-229	1	Bushing	34	3446-059	1	Gasket (300 4x4)
6	3402-210	2	Washer	35	3446-228	1	Gear, Speedometer Drive (300 4x4)
7	3423-279	2	Circlip	36	3423-336	1	Washer – Right (300 4x4)
8	3446-140	1	Gear, 5th Drive	37	3423-337	1	Washer – Left (300 4x4)
9	3423-261	1	Washer	38	3446-114	1	Spacer (300 4x4)
10	0691-374	1	Bearing – Right	39	3446-229	1	Gear, Speedometer Driven (300 4x4)
11	3446-031	2	Retainer	40	3423-144	1	Washer (300 4x4)
12	3004-552	2	Screw	41	3446-058	1	Sleeve (300 4x4)
13	3402-224	1	Bearing – Middle	42	3402-077	1	Seal, Oil (300 4x4)
14	3446-136	1	Driveshaft	43	3423-056	1	O-Ring (300 4x4)
15	3446-141	1	Gear, 1st Driven	44	3423-143	1	Screw, Cap (300 4x4)
16	3446-144	2	Bushing	45	3004-507	2	Screw, Cap (300 4x4)
	3446-273	2	Bushing (250 4x4)	46	3402-009	1	Washer (300 4x4)
17	3423-036	3	Washer	47	3446-148	1	Shaft, Reverse Idle
18	3423-066	4	Circlip	48	3446-149	1	Gear, Reverse Idle
19	3446-142	1	Gear, 2nd Driven	49	3402-228	1	Bushing
20	3402-230	1	Bushing	50	3446-150	1	Spacer
21	3423-317	1	Washer	51	3402-209	1	Washer
22	3446-143	1	Gear, 3rd Driven	52	3402-255	1	Plug, Cover – Hole (2x4)
23	3423-266	1	Washer, Lock	53	3446-260	1	Retainer, Cover Plug (250)
24	3423-262	1	Washer, Lock		3446-153	1	Retainer, Cover Plug (300 2x4)
25	3446-146	1	Gear, 4th Driven	54	3423-363	2	Bolt, Retainer (250)
26	3446-147	1	Gear, 5th Driven		3423-231	2	Bolt, Retainer (300 2x4)
27	3446-151	1	Gear, Reverse Driven	55	0402-160	1	Cap, Speedometer Driven Gear
28	3446-145	1	Bushing	56	3446-244	1	Gasket, Retainer
29	3446-152	1	Dog, Reverse				



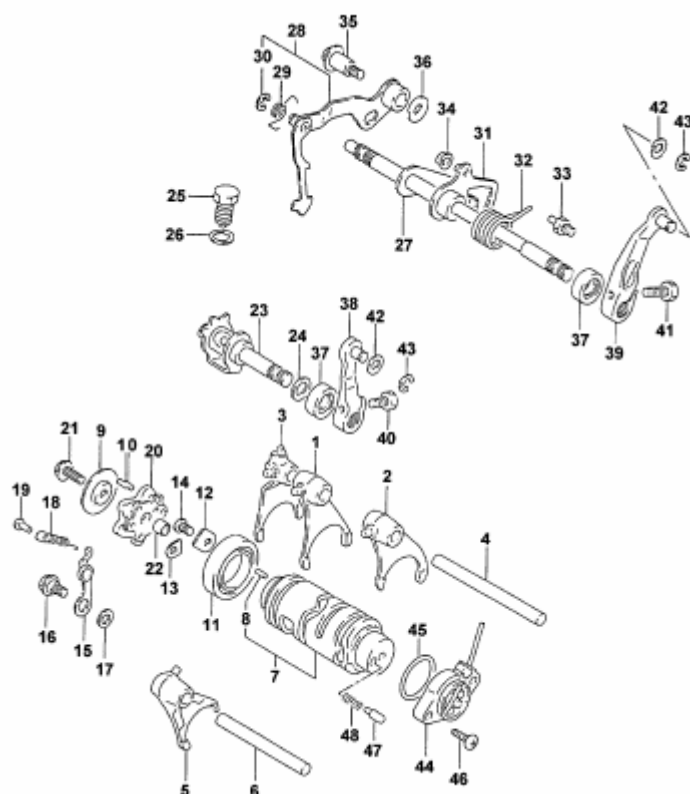
Secondary Transmission Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3446-179	1	Shaft, Sub - Transmission	21	3402-195	1	Washer
	3446-206	1	Shaft, Sub – Transmission (4x4)	22	3402-207	1	Spacer
2	3446-184	1	Gear, Driven	23	3423-066	1	Circlip
	3446-207	1	Gear, Driven (4x4)	24	3446-272	1	Gear, Idler
3	3423-338	1	Washer – Right (4x4)	25	3402-205	1	Washer
4	3423-298	1	Washer – Left (4x4)	26	3423-319	1	Washer
5	3446-208	1	Gear, Driven (4x4)	27	3003-261	1	Bearing, Drive – Left
6	3446-209	1	Dog, Driven Gear (4x4)	28	3402-217	1	Bearing, Countershaft – Left
7	3423-317	1	Washer (4x4)	29	3446-185	1	Fork
8	3423-318	1	Circlip	30	3446-210	1	Fork (4x4)
9	3402-278	1	Bearing – Right	31	3446-271	1	Shaft
10	3004-209	1	Bearing – Left	32	3446-230	1	Shaft (4x4)
11	3002-180	1	Bearing – Middle	33	3446-186	1	Cam, Sub – Transmission Gear
	3402-055	1	Bearing – Middle (300)		3446-211	1	Cam, Sub – Transmission Gear (4x4)
12	3446-031	2	Retainer	34	3446-187	1	Stopper
13	3446-154	1	Retainer (300)	35	3402-241	1	Spring
14	3004-552	2	Screw	36	3423-141	1	Washer
15	0693-321	2	Screw (300)	37	3423-240	1	Screw, Cap
16	3446-181	1	Gear, Drive	38	3423-268	1	Pin (4x4)
17	3446-259	1	Bushing	39	3446-116	1	Arm
18	3423-036	1	Washer	40	3423-125	1	Screw, Cap
19	3446-182	1	Gear, Drive	41	3402-076	1	Seal, Oil
20	3446-183	1	Dog, Drive Gear				



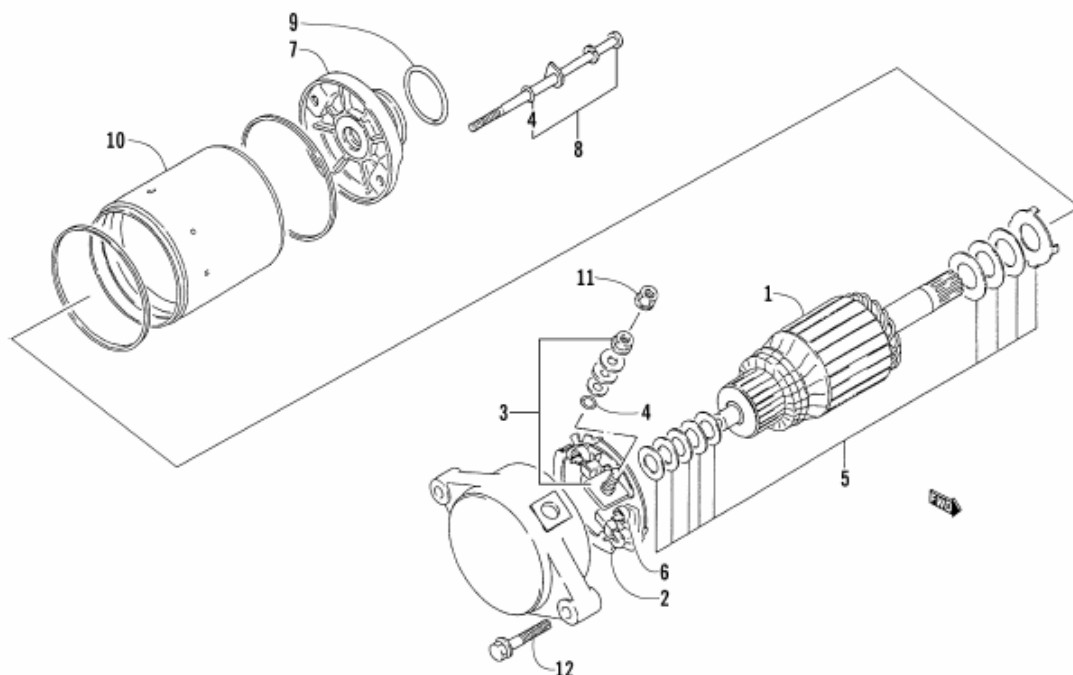
Secondary Gear/Output Shaft Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3446-269	1	Gear, Secondary Drive Bevel (250 4x4)	10	3402-072	1	Seal, Oil
	3446-197	1	Gear, Secondary Drive Bevel (300 4x4)	11	3423-340	1	Circlip (4x4)
2	3446-035	1	Shim Set, Secondary Drive Bevel (4x4)	12	3446-176	1	Shaft, Rear Final Driven
3	3423-032	1	Washer (4x4)	13	3446-175	1	Gear, Driven
4	3423-254	1	Nut (4x4)	14	3402-219	2	Bearing
5	3402-067	1	Bearing, Front (4x4)	15	3402-072	2	Seal, Oil
6	3402-515	1	Bearing, Rear (250 4x4)	16	3435-005	1	Boot (4x4)
	3402-062	1	Bearing, Rear (300 4x4)	17	3435-002	1	Yoke, Output Shaft Joint (4x4)
7	3423-072	1	Ring (4x4)	18	3423-025	1	Nut (4x4)
8	3446-199	1	Shaft, Secondary Output (4x4)	19	3423-028	1	Washer (4x4)
9	3402-308	AR	Shim, 25x34x0.50 mm (4x4)	20	3446-270	1	Gear, Secondary Driven Bevel (250 4x4)
	3402-017	AR	Shim, 25x34x0.60 mm (4x4)		3446-198	1	Gear, Secondary Driven Bevel (300 4x4)
	3402-018	AR	Shim, 25x34x0.65 mm (4x4)	21	3423-281	2	Ring
	3402-019	AR	Shim, 25x34x0.70 mm (4x4)	22	3423-321	2	Circlip
	3402-020	AR	Shim, 25x34x0.75 mm (4x4)	23	3435-007	1	Coupling (4x4)
	3402-021	AR	Shim, 25x34x0.80 mm (4x4)	24	3435-011	1	Joint, Universal (incl. 25) (4x4)
	3402-022	AR	Shim, 25x34x0.85 mm (4x4)	25	3423-067	4	● Circlip
	3402-023	AR	Shim, 25x34x0.90 mm (4x4)	26	3423-182	6	Screw, Cap (4x4)
	3402-024	AR	Shim, 25x34x0.95 mm (4x4)	27	3004-491	6	Nut (4x4)
	3402-025	AR	Shim, 25x34x1.00 mm (4x4)	28	3435-001	1	Yoke, Output – Front (incl. 29-32) (4x4)
	3402-028	AR	Shim, 25x34x1.05 mm (4x4)	29	3423-060	1	● O-Ring
	3402-029	AR	Shim, 25x34x1.10 mm (4x4)	30	3423-035	1	● Plate
	3402-030	AR	Shim, 25x34x1.15 mm (4x4)	31	3435-029	1	● Collar
	3402-031	AR	Shim, 25x34x1.20 mm (4x4)	32	3435-030	1	● Plate, Oil Seal



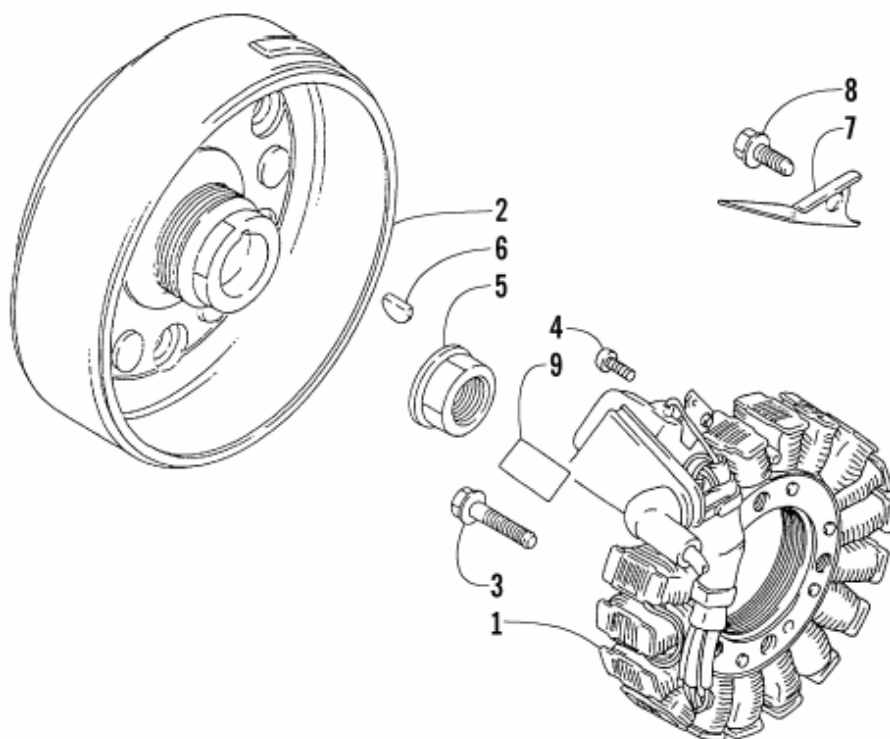
Gear Shifting Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3446-155	1	Fork, Gear Shifting	26	3402-012	1	Gasket
2	3446-156	1	Fork, Gear Shifting	27	3446-169	1	Shaft, Gear Shifting
3	3446-159	1	Fork, Gear Shifting	28	3446-170	1	Arm, Gear Shifting (incl. 29-30)
4	3446-167	1	Shaft	29	3402-312	1	● Spring
5	3446-157	1	Fork, Gear Shifting	30	3423-368	1	● E-Ring
6	3446-051	1	Shaft		3423-323	1	● E-Ring (250 4x4/300)
7	3446-160	1	Cam, Gear Shifting (incl. 8)	31	3446-171	1	Arm, Link
8	3423-114	1	● Pin	32	3402-094	1	Spring
9	3446-162	1	Retainer, Pin	33	3446-172	1	Stopper, Arm
10	3423-045	6	Pin	34	3402-132	1	Roller
11	3402-051	1	Bearing	35	3423-233	1	Screw, Cap
12	3446-163	1	Retainer	36	3423-324	1	Washer
13	3446-031	1	Retainer	37	3402-076	2	Seal, Oil
14	3004-552	2	Screw, Cap	38	3446-055	1	Arm
15	3446-165	1	Stopper, Cam	39	3446-115	1	Arm, Reverse Shift
16	3423-240	1	Screw, Cap	40	3423-125	1	Screw, Cap
17	3423-141	1	Washer	41	3423-228	1	Screw, Cap
18	3402-240	1	Spring	42	3423-204	2	Washer
19	3423-268	1	Pin	43	3423-168	2	E-Ring
20	3446-166	1	Plate, Stopper	44	3430-050	1	Base, Gear Shift Assembly
21	3004-376	1	Screw, Cap	45	3423-273	1	O-Ring
22	3005-206	1	Pin	46	3423-325	2	Screw, Cap
23	3446-161	1	Cam, Reverse Shifting	47	3423-044	1	Contact
24	3423-322	1	Washer	48	3402-087	1	Spring
25	3446-164	1	Stopper, Cam				



Starter Motor Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3008-554	1	Armature	7	3008-552	1	Bracket, Front-Assembly
2	3008-550	1	Holder Set, Brush	8	3423-289	2	Bolt Set (incl. two No. 4)
3	3008-549	1	Terminal Set, Brush (incl. one No. 4)	9	3423-272	1	O-Ring
4	3008-164	3	● O-Ring	10	3008-553	2	O-Ring
5	3008-099	1	Washer Set	11	3423-195	1	Nut
6	3008-551	2	Spring, Brush	12	3004-756	2	Screw, Cap

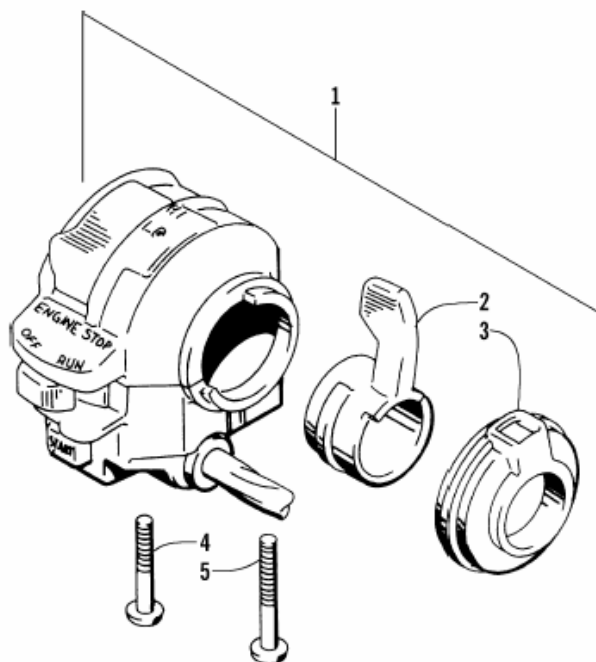


Magneto Assembly

Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3430-021	1	Stator-Assembly	5	3423-086	1	Nut, Magneto
2	3430-039	1	Rotor/Flywheel	6	3004-540	1	Key
	3430-022	1	Rotor/Flywheel (300)	7	3430-023	1	Plate
3	3004-756	3	Bolt, Magneto	8	3423-112	1	Screw, Cap
4	3423-326	2	Screw, Cap	9	3430-036	1	Shield, Heat Protection

Figure 6 shows the top view of the clutch lever assembly. It features a white button with the number '10' and a 'P' symbol. A line points from the number '6' to this button.

Figure 7 shows the side view of the same assembly. It features a white button with the text '10 Gear Feature' and a sun-like symbol. A line points from the number '7' to this button.



Ref.	Parts No.	Qty.	Description	Ref.	Parts No.	Qty.	Description
1	3509-001	1	Switch, Handlebar Control-	3	3409-010	1	● Cover, Choke Lever
2	3409-009	1	● Lever, Choke	4	3423-196	1	● Screw, Cap
				5	3423-197	1	● Screw, Cap
Homologated ATVs:							
6	AC000-155	1	Switch left				
7	AC000-156	1	Switch right				



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Related Items

2002 ATV 250/300

250 2x4 Red (Model No. A2002ATE2AUSR)
250 4x4 Red (Model No. A2002ATE4AUSR)
300 2x4 Red (Model No. A2002ATF2AUSR)
300 4x4 Red (Model No. A2002ATF4AUSR)

250 2x4 Green (Model No. A2002ATE2AUSG)
250 4x4 Green (Model No. A2002ATE4AUSG)
300 2x4 Green (Model No. A2002ATF2AUSG)
300 4x4 Green (Model No. A2002ATF4AUSG)

0436-337	Bag, Rack, Front, Black-Deluxe	0436-014	Safety Flag
0436-336	Bag, Rack, Rear, Black-Deluxe	0436-168	Shock Covers, Front & Rear
0436-185	Bag, Tank, Black	0436-228	Snowplow Blade, 50 in.-Straight (use w/0436-356)
0436-330	Bumper (Front)	0436-287	Snowplow Blade, 50 in. – One-Way (use w/0436-356)
0436-139	Cargo Trailer - Deluxe	0436-356	Snowplow Push Frame
0436-381	Cover, Green and Black	0436-233	Snowplow Remote Angle Adjust
0436-125	Cover, Gray – Universal	0436-357	Snowplow, Attachment Kit
0436-304	CV Joint Protectors, Deluxe (Front)	0436-383	Snowplow, Hand Lift Lever Kit
0436-087	Electrical Plug	0436-026	Tire Chains, Size B
0436-199	Gun Scabbard w/Mount	0402-319	Tire, Titan AT489A (25x10-12)
0436-049	Handwarmers	0402-317	Tire, Titan AT489A (24x9-12)
0436-103	Hourmeter	0402-316	Tire, Titan AT489A (23x8-12)
2256-539	Illustrated Parts Manual	0436-297	Tool Holder, Double (Pair)
0436-122	Lunch Pack, Black	0436-263	Tool Holder – Single (Pair)
0436-154	Mirror	0436-068	Winch Accessories Kit
0436-093	Mud Flap, Kit Front	0436-329	Winch Kit, 2500 lb
2256-423	Operator's Manual	0436-361	Winch Mounting Kit
0652-024	Paint, Metal-Black	0436-210	Windshield, Clear
0436-177	Prefilter, Air Filter	0436-301	Windshield, Clear w/Accent
0436-349	Rack, Extension, 4 in. (Front)	0436-302	Windshield, Smoke w/Accent
0436-225	Rack, Extension, 4 in. (Rear)		
0436-226	Rack, Extension, 8 in. (Rear)		
0436-201	Pack Pouch, STD Rack, Black		