

POLARIS®

The Way Out.

Parts Manual

2000

VIRAGE

Model #W005197D

INT'L VIRAGE

Model #W005197I

Rev. 01

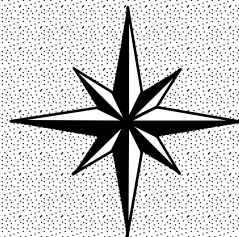
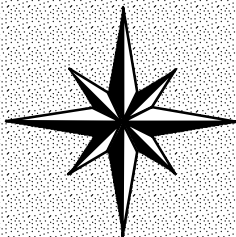
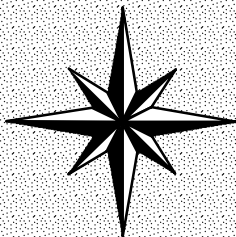
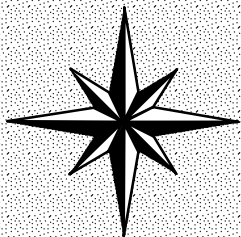


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The illustrations used in this Parts Manual are for reference to replacement parts only. This manual is not to be used for assembly.

2000 VIRAGE WATERCRAFT SPECIFICATIONS

CAPACITIES		ENGINE	
Fuel Tank	17 US Gallons (64.26 l)	Engine Type	Polaris Marine 700
Reserve Fuel Tank	N/A	Induction Type	Case Reed
Injection Oil Reservoir	6 Quarts (5.68 l)	Exhaust System	Water Cooled/Injected
CARBURETION		Lubrication	Oil Injection
Gas Type	Regular Unleaded 87 Octane or 89 Octane Oxygenated	Oil Type	Polaris TC-W3 or Injection
Carburetor Type and Number	1-40mm Diaphragm Type	Number of Cylinders	2
Carburetion Idle Speed	1350 ± 50 RPM	Bore	81mm
COOLING		Stroke	68mm
Cooling System Type	Water Cooled, Thermostat Pop off	Displacement	700cc
Overheating Warning	Warning Light/RPM Limit	Compression Ratio	Effective 6:8
DIMENSIONS		Maximum Power (approx.)	95 HP
Number of Passengers	1-4 Persons	Maximum Torque (approx.)	69.2 @ 6500 RPM
Length, Overall	131.1" (330.5 cm)	RPM Limiter Operation	7200 RPM ± 100
Width, Overall	49.3" (125 cm)	PROPULSION	
Height, Overall	39" (99.06 cm)	Propulsion System	Jet Drive
Dry Weight	650 lbs. (295 kg)	Jet Pump Type	Axial Flow, Single Stage
Load Limit	600 lbs. (273 kg)	Transmission	Direct Drive
Hull/Deck Material	Deck - FRC, Hull - SMC	Minimum Water Level for Jet Pump	2 feet (60 cm)
ELECTRICAL		Impeller Diameter	5.83" (14.80 cm)
Alternator Output	8.5 amps/60 watt at 4500 RPM	Impeller	3 Blade, Slim Hub
Ignition System	CDI		
Spark Plug Type	NGK BPR8ES		
Spark Plug Gap	.028" (0.7 mm)		
Starting System	Electric Starter		
Ignition Timing; BTDC @3000 RPM	23°		
Battery	12V, 19A		

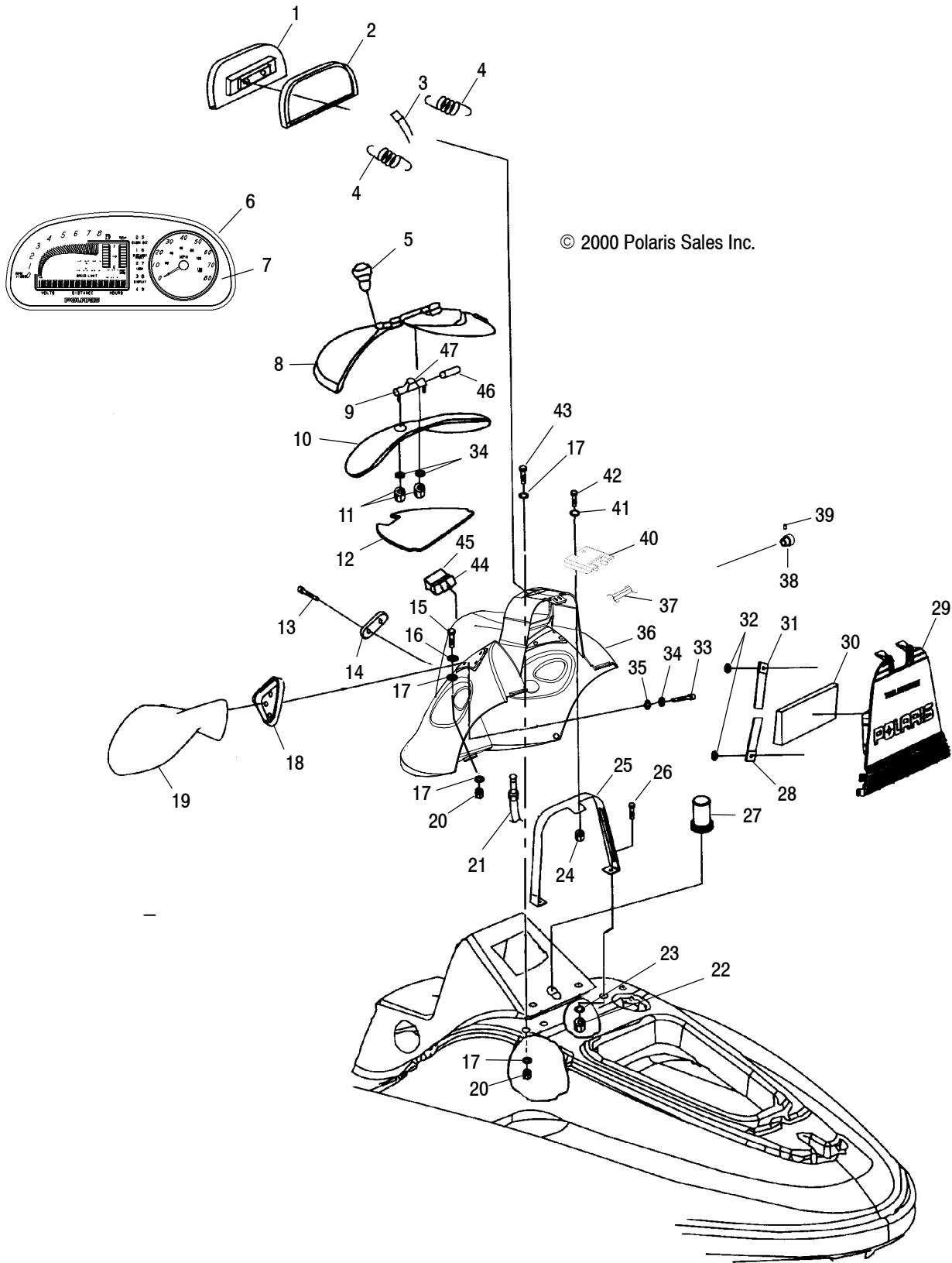
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2000 POLARIS VIRAGE PUBLICATION NUMBERS

MODEL	MODEL #	OWNER'S MANUAL	PARTS MANUAL	PARTS MICROFICHE	ASSEMBLY INSTRUCTIONS
VIRAGE	W005197D	9915574	9915581	9915589	9915597
INT'L VIRAGE	W005197I	9915574	9915581	9915589	9915597

SHROUD

VIRAGE W005197D and INT'L VIRAGE W005197I



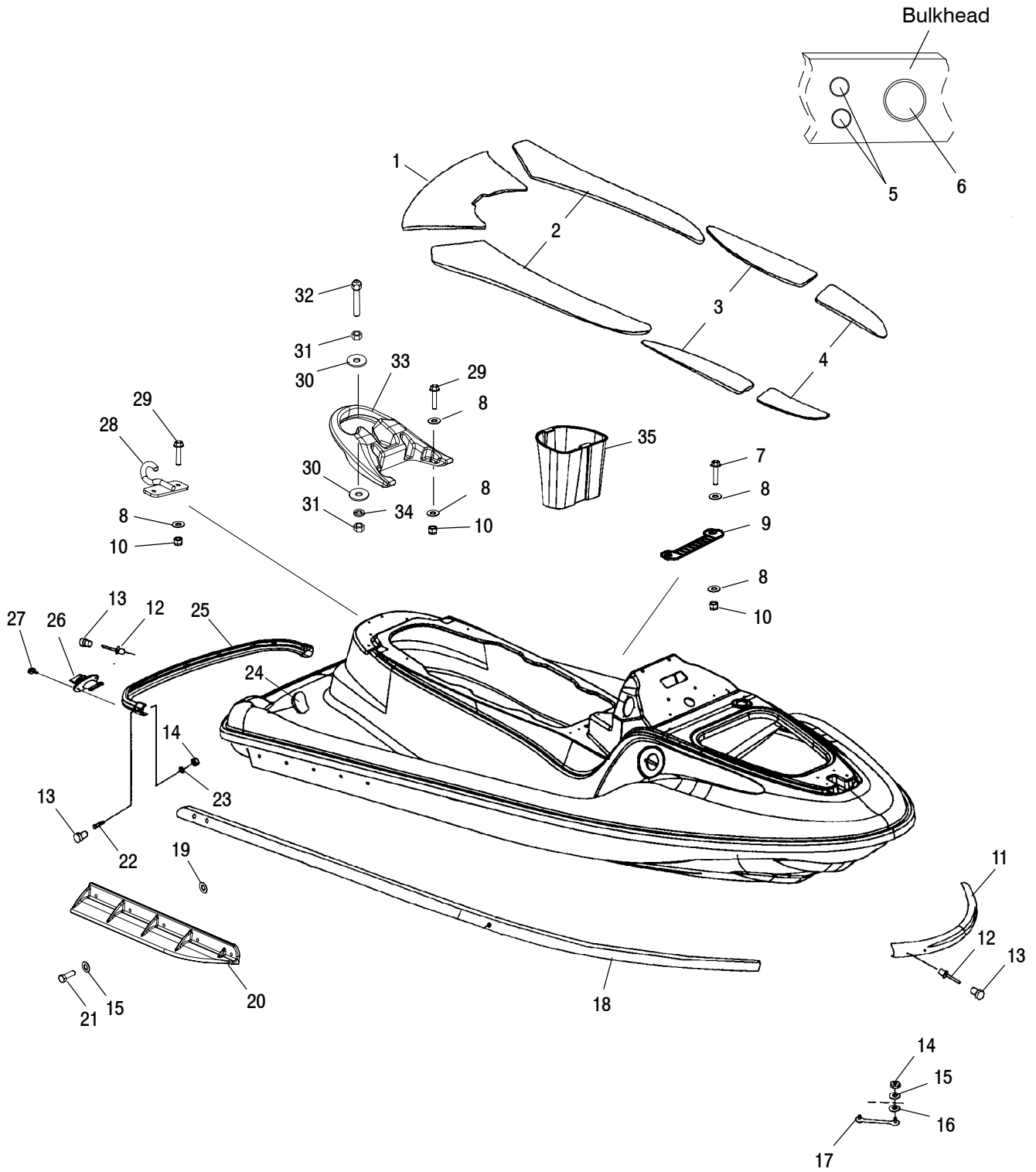
SHROUD

VIRAGE W005197D and INT'L VIRAGE W005197I

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	3280339	1	Gauge, MFI, Analog/Digital	24	7541931	2	Nut
2	5411738	1	Gasket, MFI	25	5244673	1	Bracket, Support, Shroud
3	8450070-190	1	Line, Pitot, Formed End	26	7516717	2	Bolt
4	7041931	2	Spring, MFI Mounting	27	5411664	1	Grommet, Deck, Wire Harness
5	2632234	1	Asm., Console Latch	28	2690151	1	Strap, Tool Kit, Lower
6	2201593	1	Kit - MFI Button Replacement	29	5433210-070	1	Cover, Wire, Shroud
7	3280342	1	Bezel, MFI, Overlay	30	-----	1	Kit, Tool (See Tool Kit Pg. C12)
8	5433709-311	1	Lid, Console	31	2690150	1	Strap, Tool Kit, Upper
9	7041754	1	Spring, Torsion, Console	32	7710517	2	Ring, Retaining
10	5521478	1	Seal, Console Lid	33	7516805	6	Screw
11	7546705	2	Nut	34	7552613	8	Washer, Lock
12	5811783	1	Pad, Console	35	7556094	6	Washer
13	7516609	2	Screw	36	5433589-311	1	Shroud, Steering
14	5211865	1	Plate, Hook	37	5812076	1	Bumper, Door/Shroud
15	7517668	4	Screw	38	2080004	1	Knob, Choke
16	7556055	2	Washer, Lock	39	2080005	1	Screw
17	7555874	8	Washer, Flat	40	5244670	1	Plate, Latch, Receiver
18	5411557	1	Gasket, Mirror, LH	41	7555837	2	Washer, Flat
	5411558	1	Gasket, Mirror, RH	42	7517818	2	Screw
19	2631973-070	1	Asm., Mirror, RH (Incl. 18)	43	7512045	2	Screw
	2631972-070	1	Asm., Mirror, LH (Incl. 18)	44	5811552	1	Gasket, Console Hook
20	7546804	4	Nut, Hex	45	5433266	1	Hook, Console
21	7080926	1	Cable, Choke	46	5333698	1	Pin, Hinge
22	7546704	2	Nut, Nylok	47	5433384	1	Hinge, Console
23	7555839	2	Washer				

HULL and BODY

VIRAGE W005197D and INT'L VIRAGE W005197I



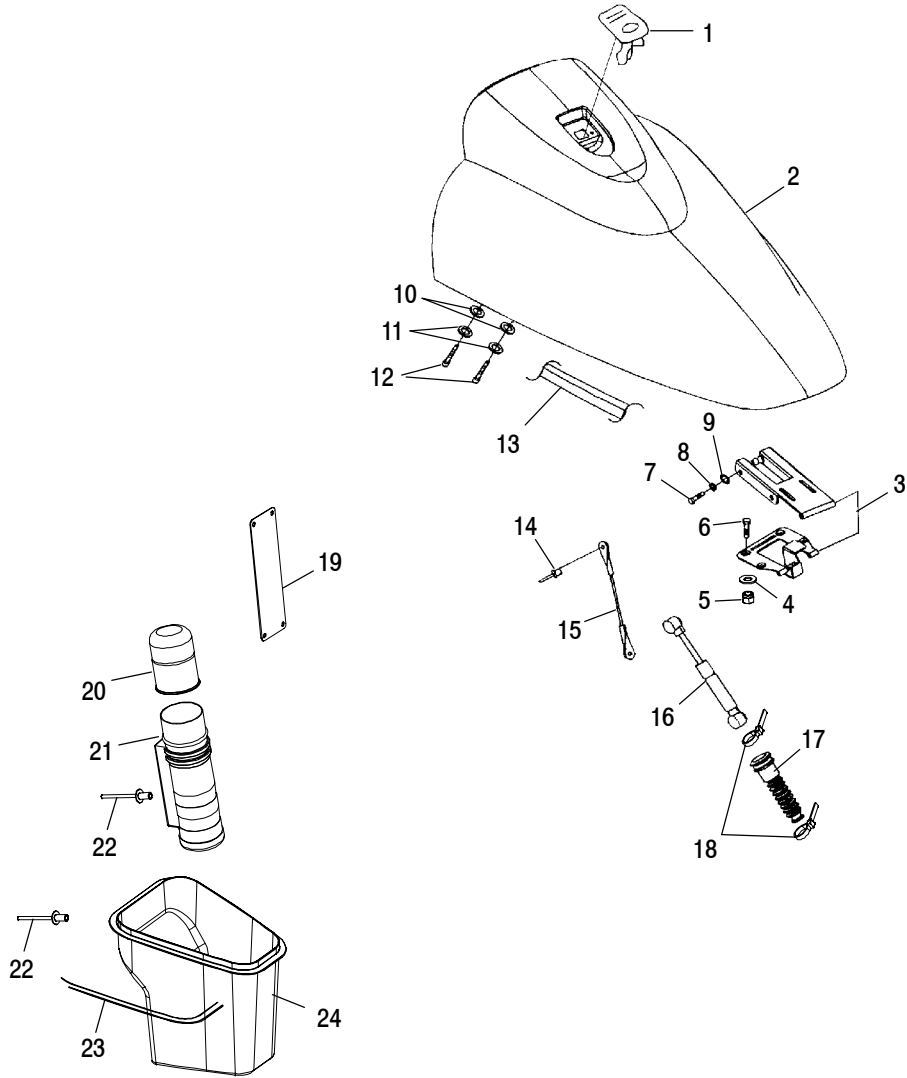
HULL and BODY

VIRAGE W005197D and INT'L VIRAGE W005197I

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5811915-070	1	Pad, Boarding Platform	18	5521568-070	1	Rail, Rub, Side, LH
2	5811913-070	1	Pad, Footwell, Rear, LH		5521569-070	1	Rail, Rub, Side, RH
	5811914-070	1	Pad, Footwell, Rear, RH	19	5811440	10	Washer
3	5811911-070	1	Pad, Footwell, Center, LH	20	5432272-070	1	Sponson, LH
	5811912-070	1	Pad, Footwell, Center, RH		5432273-070	1	Sponson, RH
4	5811909-070	1	Pad, Footwell, Front, LH	21	7515198	10	Bolt
	5811910-070	1	Pad, Footwell, Front, RH	22	7517320-070	2	Bolt
5	5411158	2	Grommet	23	7555836	2	Washer
6	5411658	1	Grommet	24	5811918	1	Pad, Heel, LH
7	7516807	2	Screw		5811919	1	Pad, Heel, RH
8	7556094	14	Washer	25	5433531-070	1	Bumper, Rear
9	5433671	1	Plate, Seat Tongue	26	1060125	2	Plug, Bilge
10	7546704	8	Nut	27	7511882	4	Screw
11	5411758-070	1	Bumper, Front	28	2632218	1	Hook, Tow
12	7621511	31	Rivet	29	7517644	6	Screw
13	5431994-070	29	Plug, Bumper, Rear	30	7555846	2	Washer
14	7542133	4	Nut, Nylok	31	7542454	2	Nut
15	7555839	12	Washer	32	5020753	1	Plunger, Latch
16	7555870	2	Washer, Dish, Rubber	33	5433474-070	1	Handle, Grab
17	2670150	1	Strap, Bow	34	7552607	1	Washer, Lock
				35	5433473	1	Bucket, Rear Storage

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FRONT STORAGE COMPARTMENT VIRAGE W005197D and INT'L VIRAGE W005197I

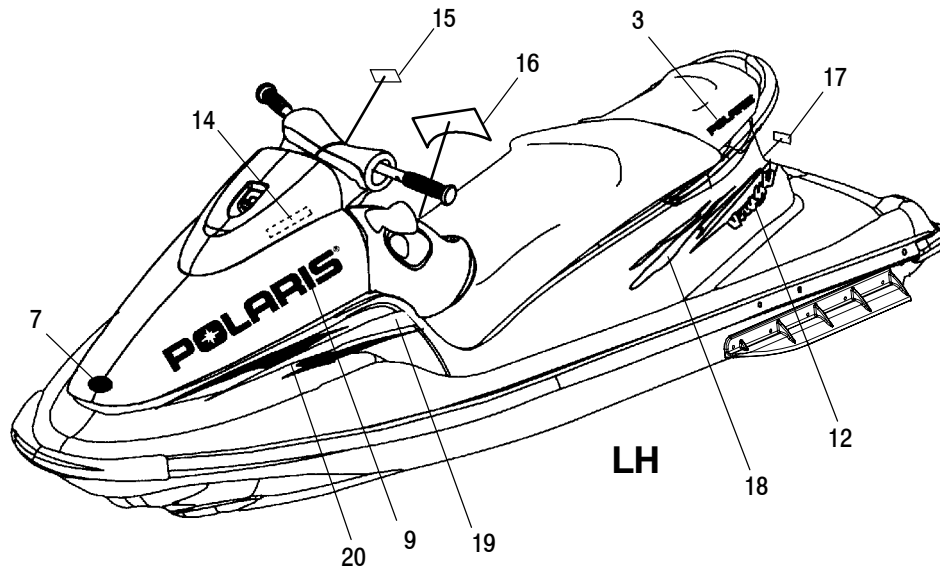
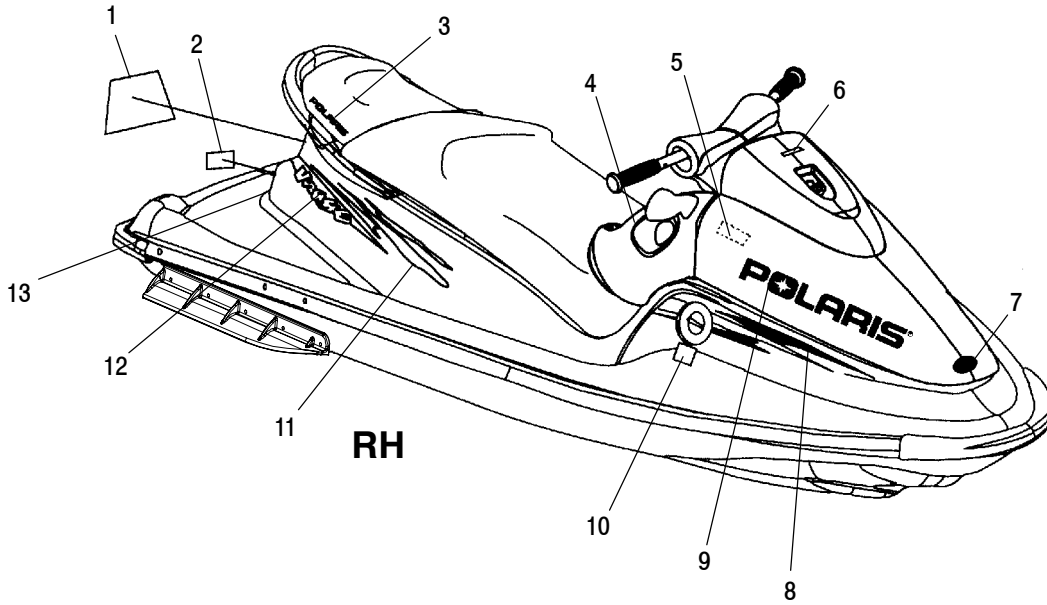


Ref.	Part No.	Qty.	Description
1	2653012	1	Latch, Door
2	5433710-311	1	Door, Compartment
3	1013282	1	Asm., Door Hinge
4	7555890	5	Washer
5	7546704	5	Nut
6	7517669	5	Screw
7	7516805	4	Screw
8	7552613	4	Washer, Lock
9	7555839	4	Washer
10	7555837	2	Washer
11	7552615	2	Washer, Lock
12	7512045	2	Screw
13	5521565	1	Seal, Door

Ref.	Part No.	Qty.	Description
14	7621235	2	Rivet
15	7080853	1	Cable, Limiter, Hinge
16	7041758	1	Spring, Gas
17	5411559	1	Boot, Gas Spring
18	7080483	2	Cable Tie
19	5211740	1	Plate, Fire Extinguisher
20	5431842	1	Cover, Fire Extinguisher
21	1060114	1	Asm., Fire Extinguisher Container (Incl. 20 and Container)
	5431841	1	Container, Fire Extinguisher
22	7621452	4	Rivet
23	5411865	1	Seal, Bucket, Front
24	5433464	1	Bucket, Front Storage

DECALS

VIRAGE W005197D and INT'L VIRAGE W005197I

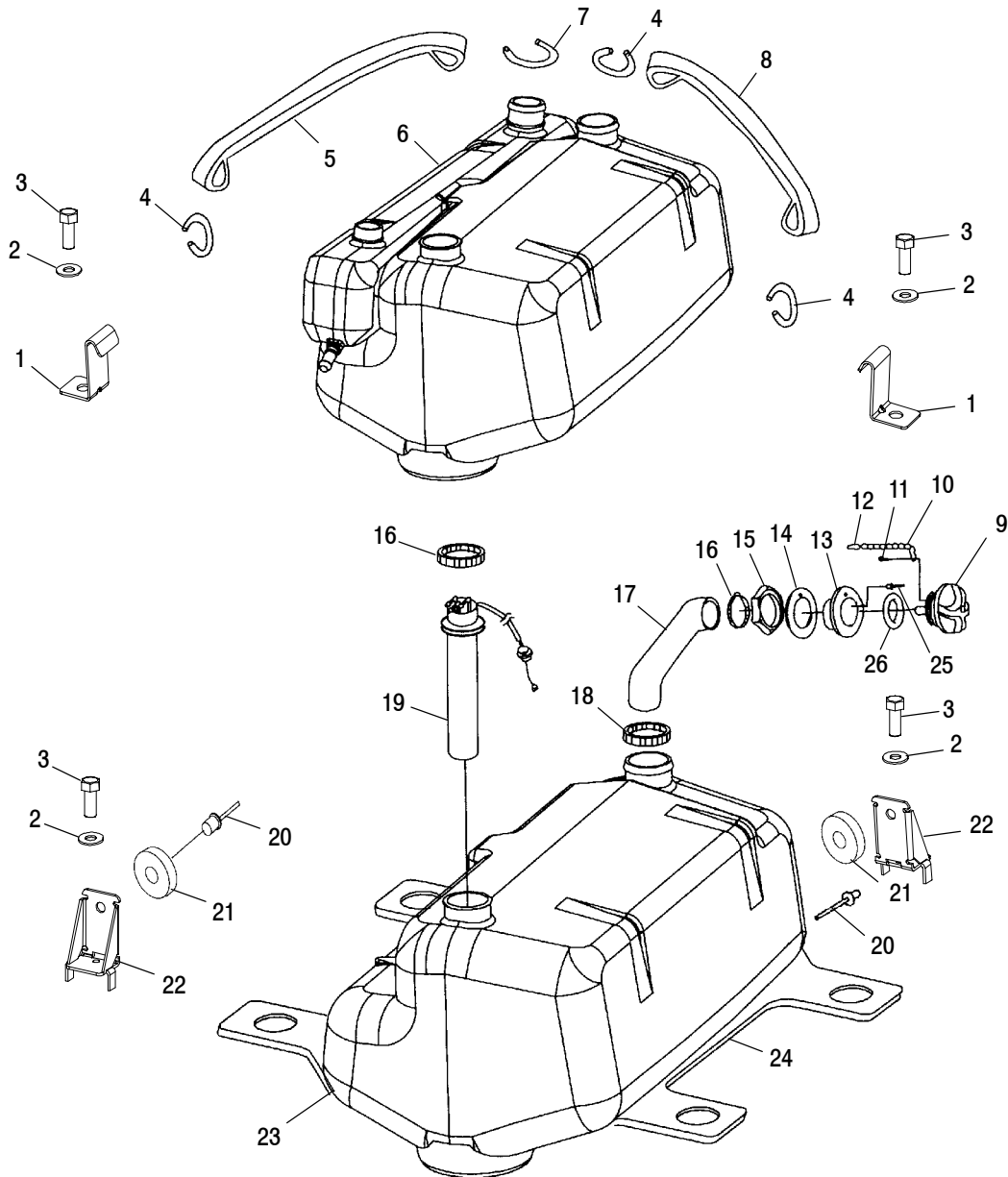


Ref.	Part No.	Qty.	Description
	2201689	1	Kit - Decals (Incl. All Except Seat Decals)
	2200891	1	Kit - Vinyl Decal Application (For Seat Decals)
1	7078583	1	Decal - Warning, Rear
2	7077812	1	Decal - Coast Guard, Exemption
3	7078582	2	Decal - "POLARIS", Seat
4	7078884	1	Decal - Planet Sound Reduction
5	7077479	1	Decal - Fuel, Off/On
6	7078260	1	Decal - Fire Extinguisher
7	7077777	1	Decal - Star Emblem
8	7078564	1	Decal - Front, RH

Ref.	Part No.	Qty.	Description
9	7078570	2	Decal - "POLARIS"
10	7077768	1	Decal - Refueling Warning
11	7078566	1	Decal - Sidewall, RH
12	7078567	2	Decal - "Virage"
13	7078576	1	Decal - NMMA, 3 Passenger
14	7077766	1	Decal - MFI
15	7079001	1	Decal - Warning, Reverse System
16	7078702	1	Decal - Reverse
17	7073865	1	Decal - Caution, Capsize
18	7078565	1	Decal - Sidewall, LH
19	7078311	1	Decal - Warning, Seat/Engine
20	7078563	1	Decal - Front, LH

FUEL TANK

VIRAGE W005197D and INT'L VIRAGE W005197I

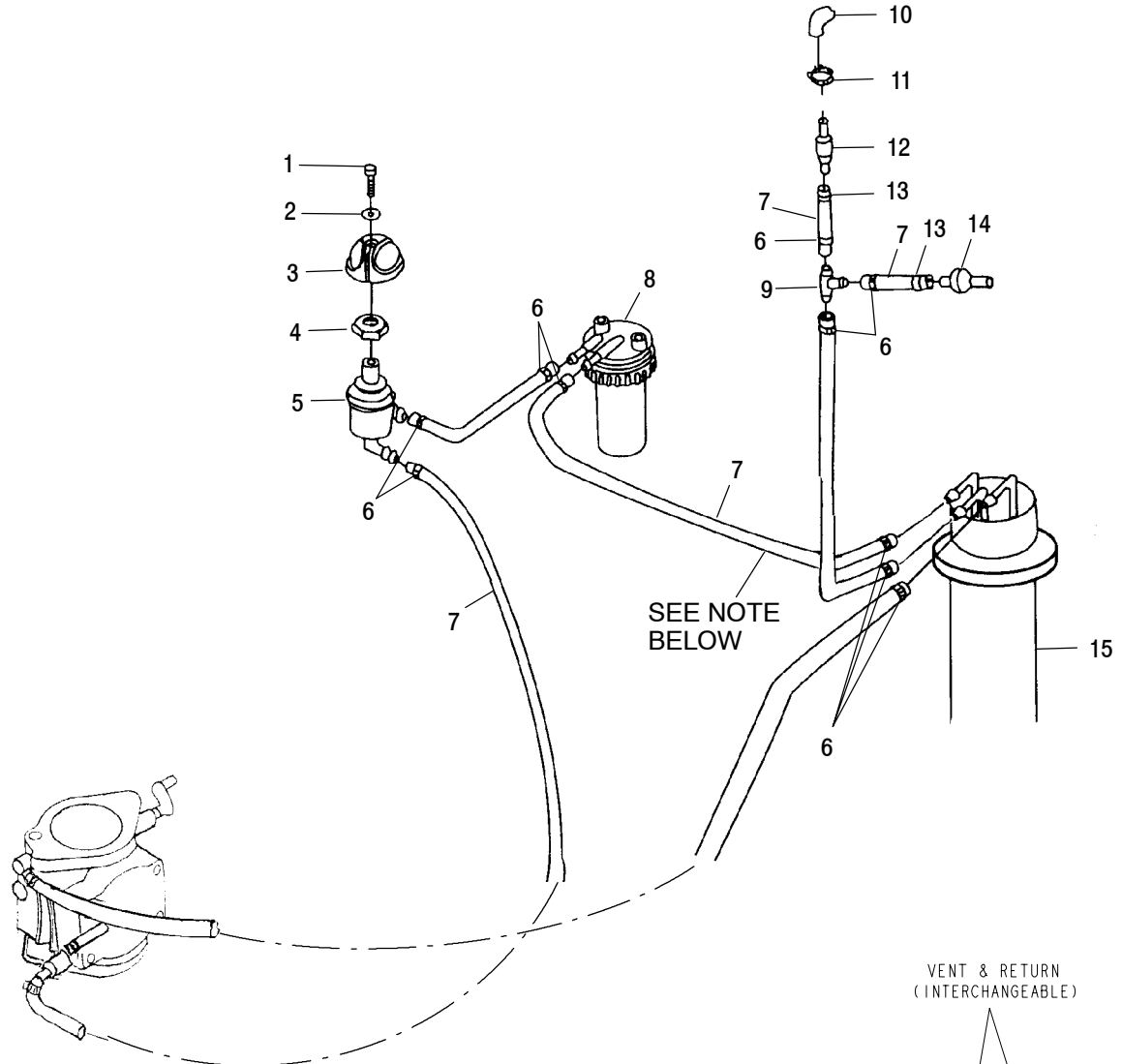


Ref.	Part No.	Qty.	Description
1	5244279	6	Bracket, Strap
2	7552610	8	Washer, Lock
3	7515361	8	Screw
4	5243775	9	Hook, Strap, Narrow
5	5430621	3	Strap, Rubber
6	-----	1	Tank, Oil (See Oil Tank Pg. A14, Ref. 19)
7	5243776	3	Hook, Strap
8	5410424	3	Strap, Battery Holddown
9	2520177	1	Cap, Fuel, Ratchet
10	7080710	1	Chain, Bead, Cap Retainer
11	7511873	1	Screw
12	7080442	2	Coupling, End, Fuel Cap Chain
13	5433553	1	Inlet, Fuel

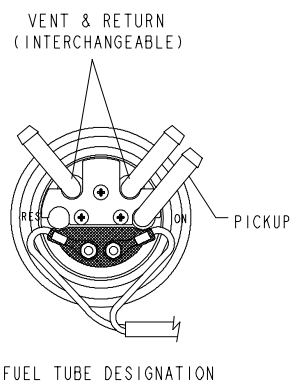
Ref.	Part No.	Qty.	Description
14	5811492	1	Seal, Fuel Inlet
15	5433621	1	Nut, Fuel Inlet
16	7080766	2	Clamp, Hose
17	5411757	1	Hose, Fuel Fill
18	7080451	1	Clamp
19	2410124	1	Asm., Fuel Sender
20	7661040	2	Rivet
21	5812093	2	Pad, Fuel Tank Stop
22	5244758	2	Bracket, Fuel Tank Stop
23	5433018	1	Tank, Fuel
24	5812135	1	Pad, Fuel Tank
25	7621229	1	Rivet
26	5411305	1	Seal, Fuel Cap

FUEL SYSTEM

VIRAGE W005197D and INT'L VIRAGE W005197I



SEE NOTE BELOW



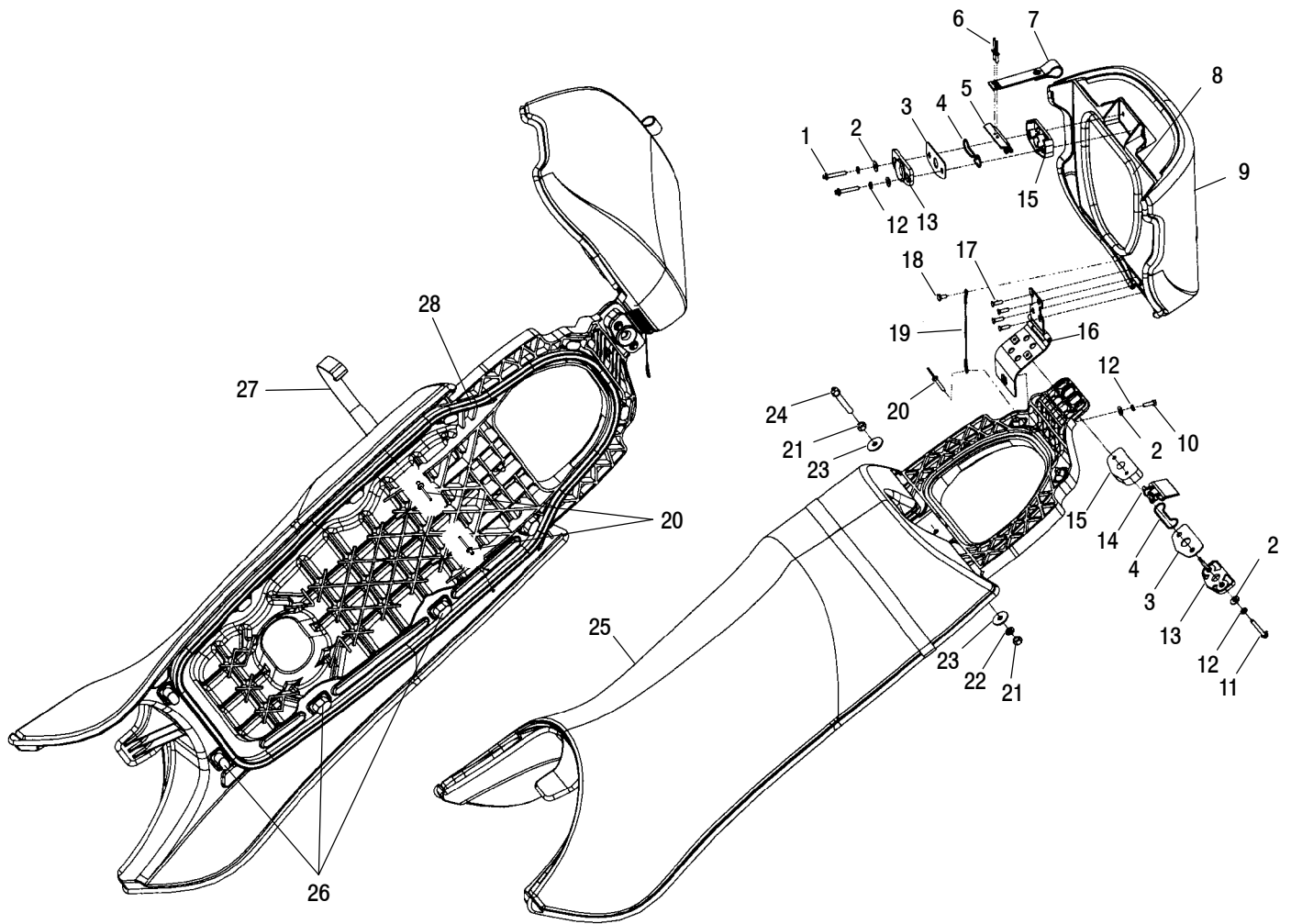
NOTE: Fuel line from fuel/water separator connects to fuel sender fitting marked "ON."

Ref.	Part No.	Qty.	Description
1	7516302	1	Screw
2	7555840	1	Washer, Flat
3	5432836-070	1	Knob, Fuel Valve, Black
4	5431451	1	Nut, Fuel Valve
5	7052159	1	Valve, Fuel
6	7080476	12	Clamp, Hose
7	8450046-1525	AR	Line, Fuel
8	-----	1	Separator, Fuel/Water (See Fuel/Water Separator Pg. C10, Ref. 5)

Ref.	Part No.	Qty.	Description
9	7052111	1	Fitting, Tee
10	5410682	1	Grommet, Vent
11	7080483	1	Cable Tie
12	7051015	1	Valve, Check
13	7080138	2	Cable Tie
14	7052118	1	Valve, Vacuum Check
15	-----	1	Asm., Fuel Sender (See Fuel Tank Pg. A11, Ref. 19)

SEAT

VIRAGE W005197D and INT'L VIRAGE W005197I

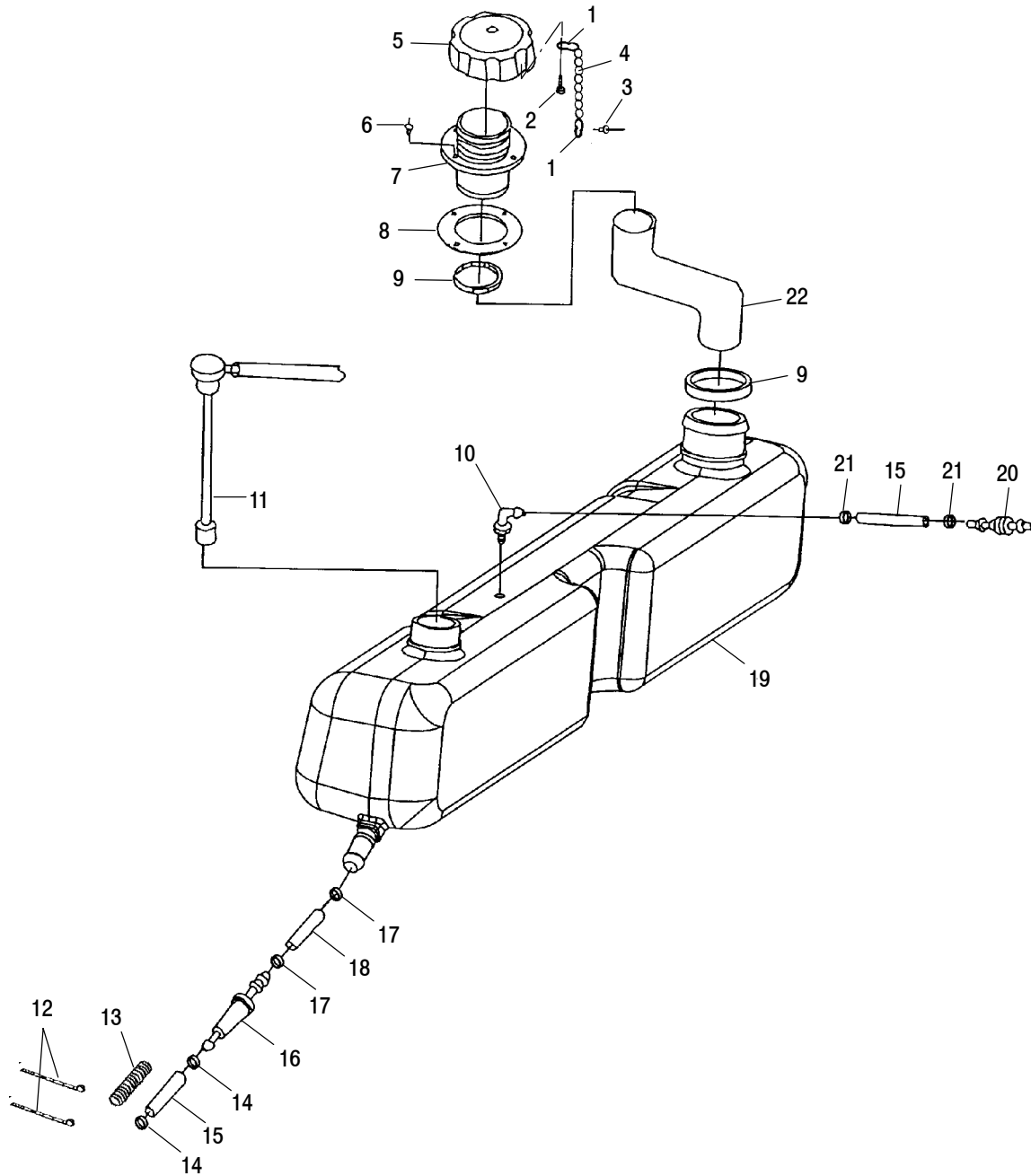


Ref.	Part No.	Qty.	Description
1	7516806	2	Screw
2	7555839	5	Washer, Flat
3	5211314	2	Plate, Seat Base Latch
4	7042036	2	Spring, Seat Base Latch
5	5433779	1	Handle, Seat Latch
6	7621478	2	Rivet
7	5812025	1	Strap, Seat Latch
8	5411807	1	Seal, Seat, Rear
9	2682540-204	1	Asm., Seat, Rear
	2682542-204	1	Cover, Seat, Rear
10	7517805	1	Screw
11	7517806	2	Screw
12	7555838	5	Washer, Lock
13	5431357	2	Plate, Bottom, Seat Base Latch
14	5431358	1	Handle, Seat Base Latch

Ref.	Part No.	Qty.	Description
15	5431359	2	Plate, Top, Seat Base Latch
16	1013202	1	Asm., Hinge, Seat
17	7517669	4	Screw
18	7517717	1	Screw
19	7080914	1	Cable, Limiter, Hinge
20	7661044	3	Rivet
21	7542454	2	Nut
22	7552607	1	Washer, Lock
23	7555846	2	Washer, Flat
24	5020753	1	Plunger, Latch
25	2682541-204	1	Asm., Seat, Main
	2682543-204	1	Cover, Seat, Main
26	5521490	10	Bumper, Seat
27	2682593-204	1	Strap, Seat
28	5521536	1	Seal, Seat, Main

OIL TANK

VIRAGE W005197D and INT'L VIRAGE W005197I

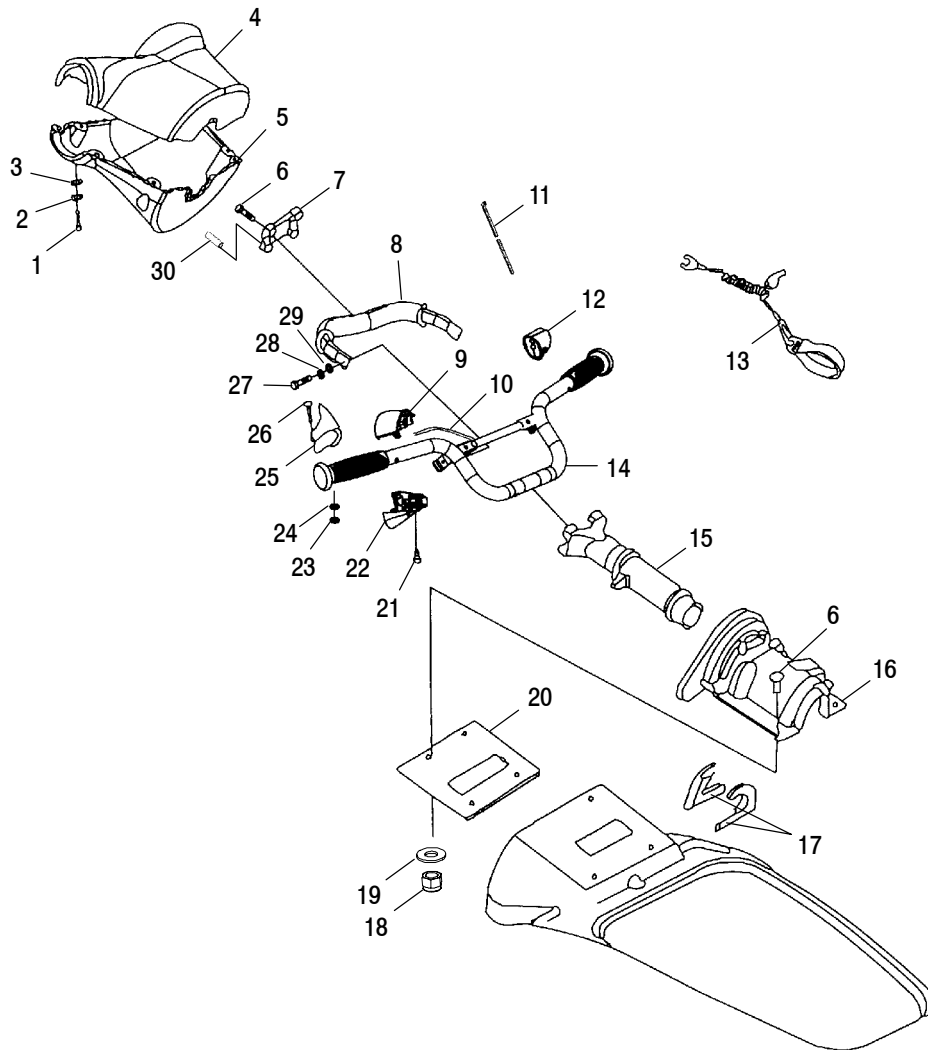


Ref.	Part No.	Qty.	Description
1	7080442	2	Coupling
2	7517241	1	Screw
3	7621229	1	Rivet
4	7080710	1	Chain
5	5432843	1	Cap, Oil Tank
6	7661038	4	Rivet
7	5433601	1	Inlet, Oil
8	5811554	1	Gasket, Oil Inlet
9	7080481	2	Clamp, Hose
10	7052130	1	Elbow, 90 Degree
11	2410131	1	Sender, Oil Level

Ref.	Part No.	Qty.	Description
12	7080138	2	Cable Tie
13	4010051-30	1	Conduit
14	7080307	2	Clamp, Hose
15	8450003-1525	AR	Line, Fuel
16	2530015	1	Filter, Oil
17	7080474	2	Clamp, Hose
18	8450059-150	AR	Line, Fuel
19	5433083	1	Tank, Oil
20	7052118	1	Valve, Check, Vacuum
21	7080483	2	Cable Tie
22	5411756	1	Hose, Oil Fill

STEERING

VIRAGE W005197D and INT'L VIRAGE W005197I

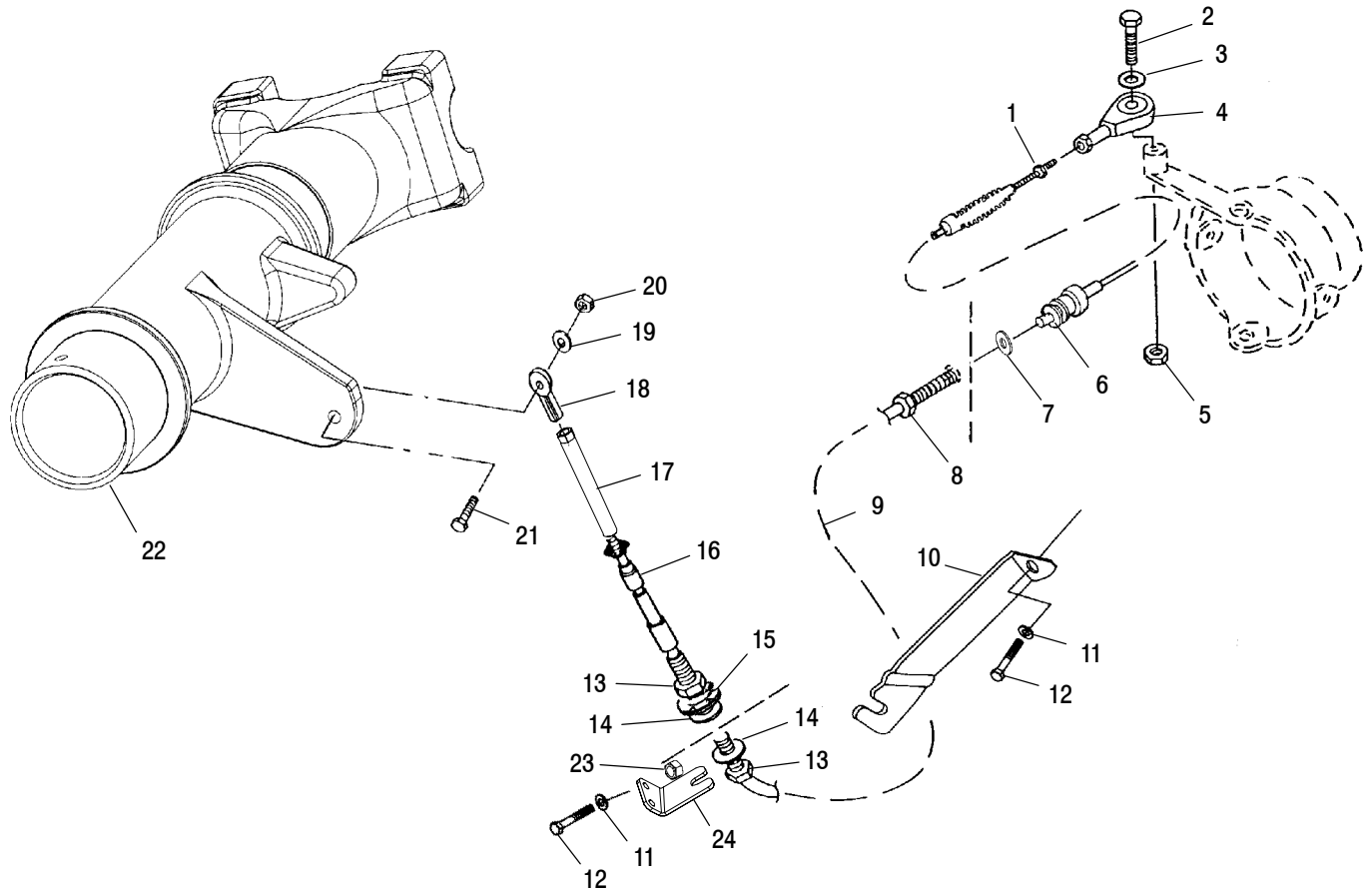


Ref.	Part No.	Qty.	Description
1	7517717	6	Screw
2	7552613	6	Washer, Lock
3	7555836	6	Washer
4	5433089-070	1	Pad, Handlebar
5	5433819-070	1	Pad, Handlebar, Bottom
6	7517660	8	Screw
7	5631017	1	Clamp, Handlebar
8	5433355-070	1	Handle, Grab
9	5433081	1	Block, Throttle, Split
10	7080787	1	Cable, Throttle
11	7080138	1	Cable Tie
12	2410168	1	Switch, START/STOP/BILGE
13	7080675	1	Lanyard w/Whistle
14	1820820-070	1	Handlebar w/Grip
15	5132317	1	Column, Steering

Ref.	Part No.	Qty.	Description
16	5433136	1	Housing, Steering
17	5433135	4	Bearing, Steering
18	7542335	4	Nut, Nylok
19	7555831	4	Washer
20	5811551	1	Gasket, Steering Housing
21	7517787	4	Screw
22	5433737	1	Clamp, Throttle Block
23	7710426	1	Ring, Retaining
24	7555840	1	Washer
25	5433079	1	Lever, Throttle, Thumb
26	7661053	1	Pin, Retaining
27	7517684	2	Screw
28	7552615	2	Washer, Lock
29	7556098	2	Washer
30	7661099	1	Pin, Roll

STEERING

VIRAGE W005197D and INT'L VIRAGE W005197I

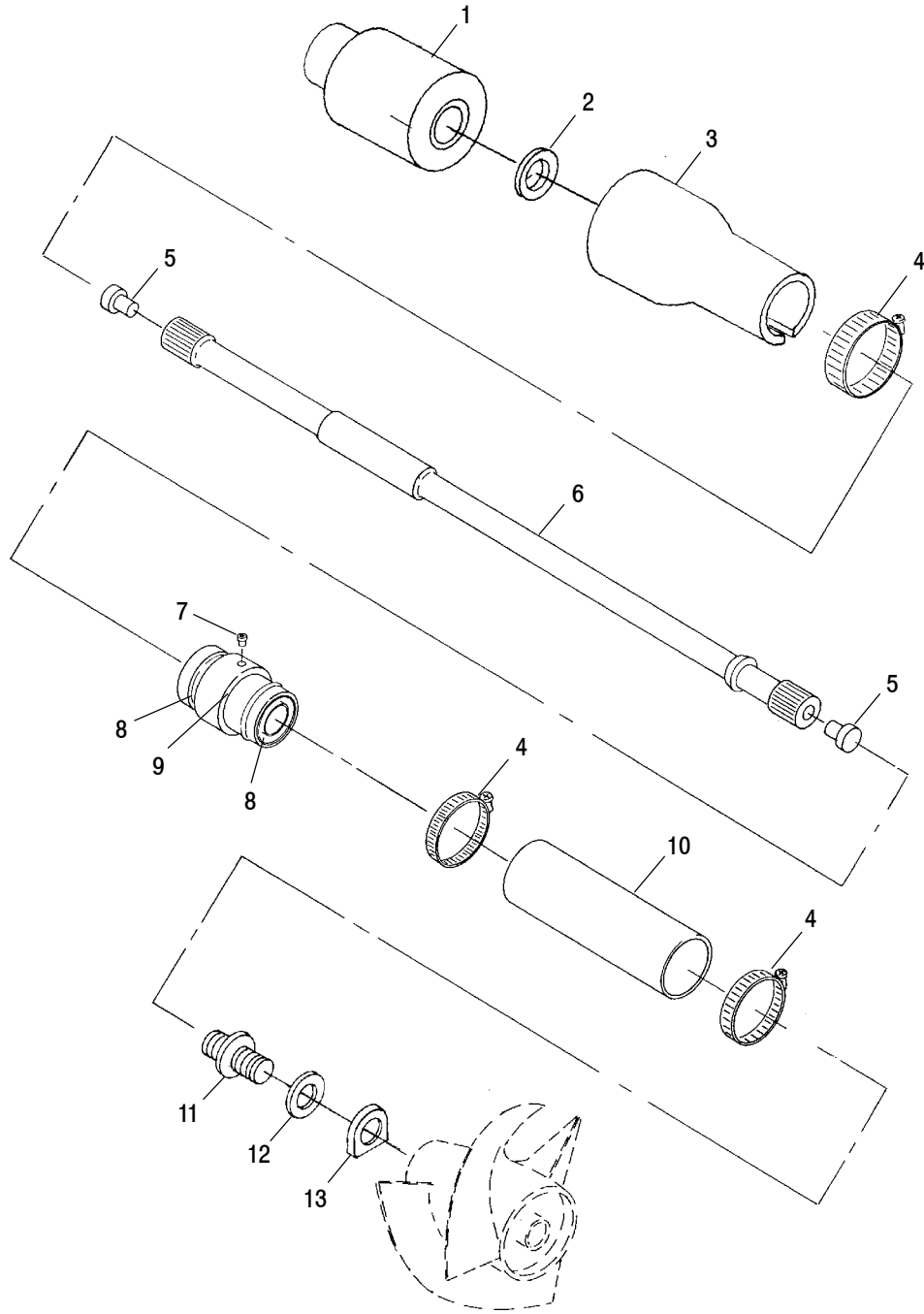


Ref.	Part No.	Qty.	Description
1	7542150	1	Nut
2	7515120	1	Screw
3	7555839	1	Washer
4	7060170	1	Rod End
5	7542133	1	Nut, Nylok
6	1860115	1	Washer, Steering Seal
7	1860117	1	Ring, Stopper
8	1860114	1	Nut, Steering Cable (Special)
9	7080723	1	Cable, Steering
10	5244681	1	Brace, Steering Cable
11	7555891	2	Washer
12	7516717	2	Bolt
13	7542528	2	Nut

Ref.	Part No.	Qty.	Description
14	1860103	2	Washer
15	7571625	1	Washer, Lock
16	1860105	1	Cover
17	7080931	1	Tube, Guide
18	7060154	1	Rod End
19	7555837	1	Washer
20	7541931	1	Nut
21	7512041	1	Screw
22	-----	1	Column, Steering (See Steering Pg. B1, Ref. 15)
23	7546704	2	Nut
24	5244290	1	Bracket, Steering Cable

DRIVE SYSTEM

VIRAGE W005197D and INT'L VIRAGE W005197I

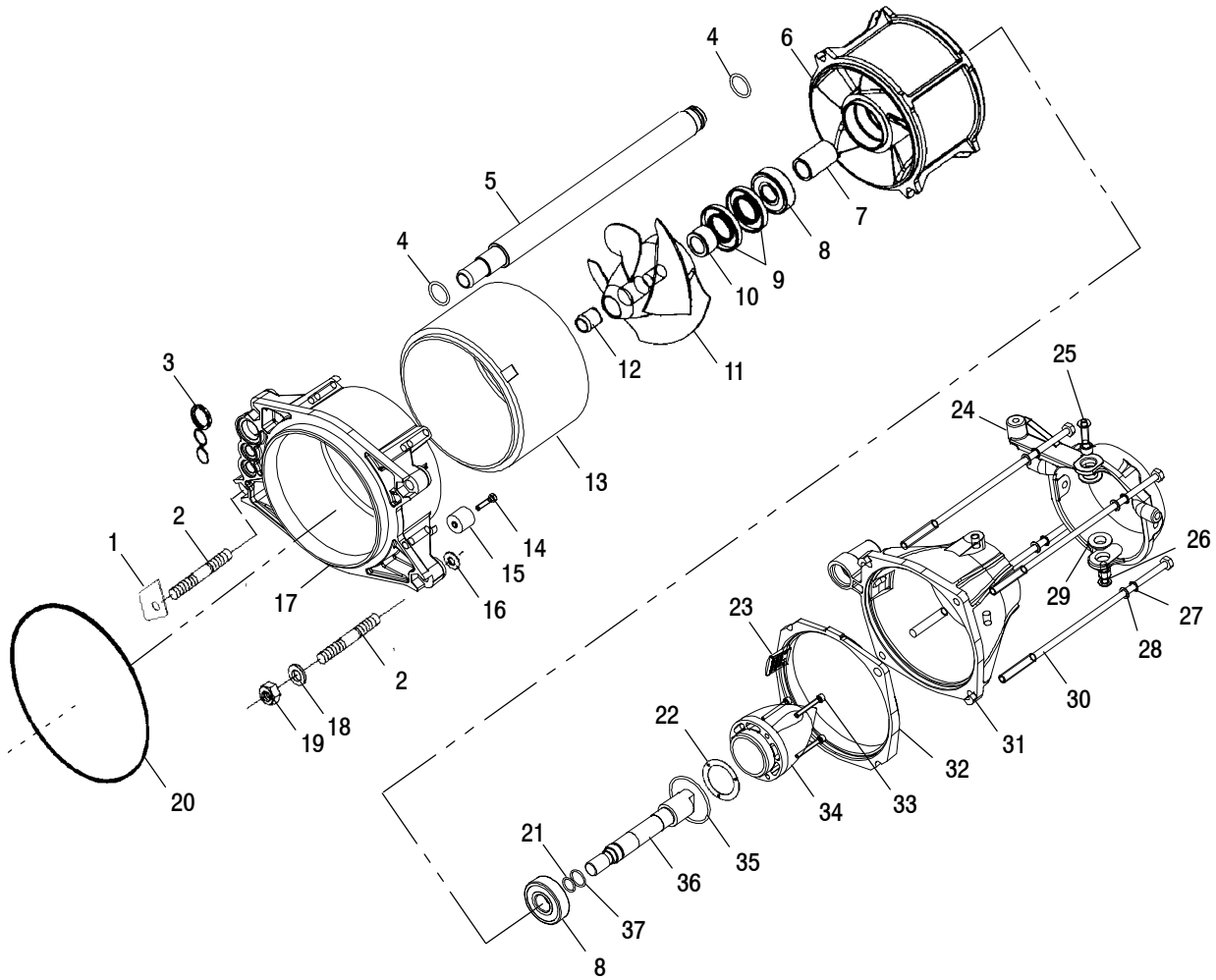


Ref.	Part No.	Qty.	Description
1	1060119	1	Asm., Drive Coupler
2	5410735	1	O-Ring
3	5432129	1	Shroud, Coupler
4	7080481	3	Clamp, Hose
5	5410663	2	Bumper, Drive Shaft
6	6230103	1	Shaft, Drive
7	7080629	1	Fitting, Lubrication

Ref.	Part No.	Qty.	Description
8	3610040	2	Seal, Bearing
9	1341145	1	Asm., Bearing Housing (Incl. 7, 8)
10	5411027	1	Hose, Bearing Housing
11	5432298	1	Shaft, Housing, Thru-Hull
12	5411174	1	O-Ring
13	5431985	1	Nut, Shaft, Housing

PROPULSION

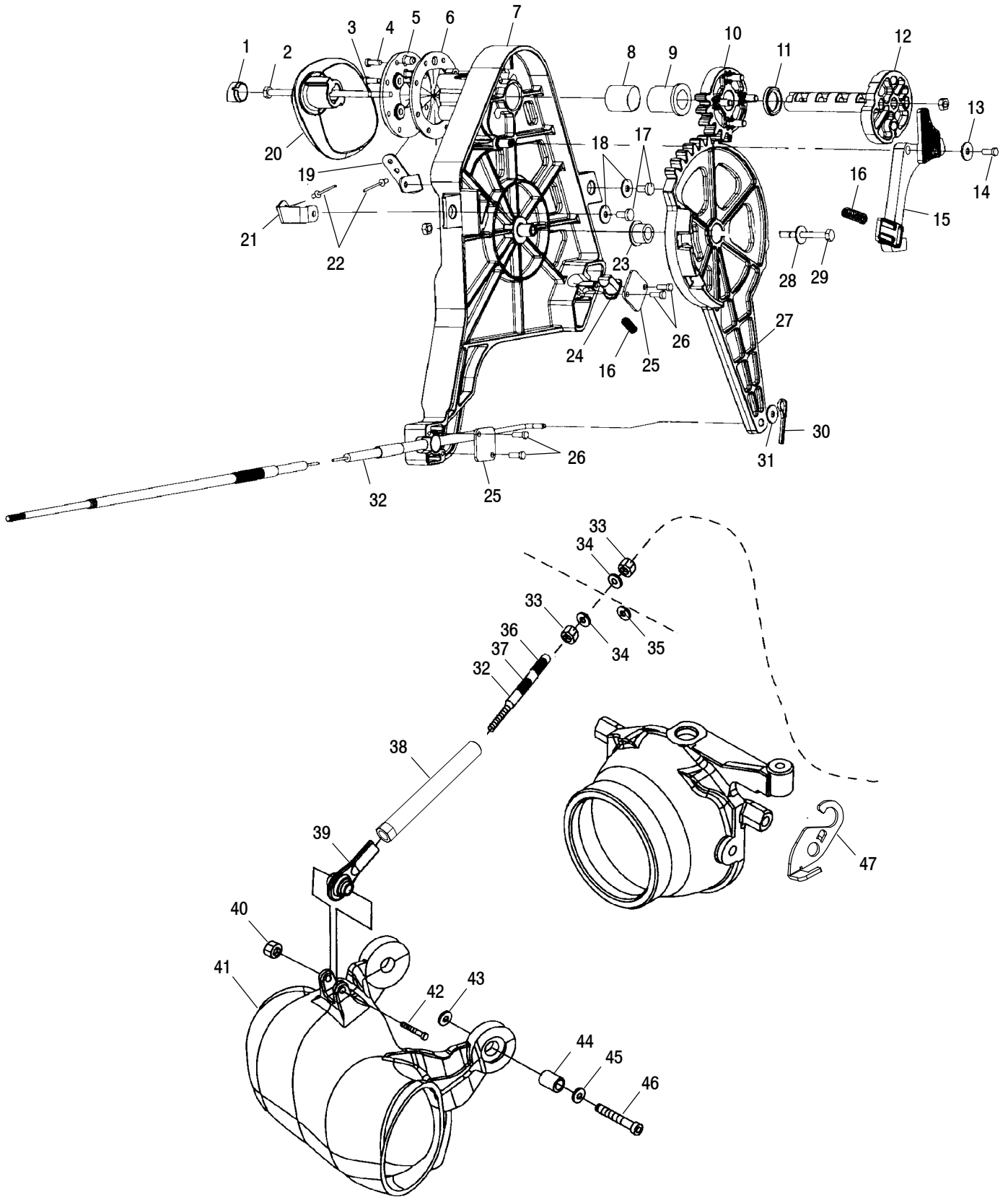
VIRAGE W005197D and INT'L VIRAGE W005197I



Ref.	Part No.	Qty.	Description
1	5244556	1	Bracket, Steering Cable Nut
2	5132111	4	Stud, Mounting, Pump
3	5411107	1	Seal, Water Pipe
4	5410735	2	O-Ring
5	5432269	1	Pipe, Water, Engine
6	5130983	1	Stator, Pump
7	5010294	1	Spacer, Bearing
8	3514008	2	Bearing
9	3610043	2	Seal, Stator Bearing
10	5010295	1	Spacer, Impeller
11	5132372	1	Impeller
12	5411644	1	Seal, Impeller/Shaft
13	5131196	1	Extension, Pump
14	7522019	1	Screw
15	5630598	1	Anode, Zinc
16	7555941	4	Washer, Pump Stud
17	5131573	1	Housing, Pump
18	7555966	3	Washer, Flat
19	7542455	4	Nut, Nylok

Ref.	Part No.	Qty.	Description
20	5410652	1	O-Ring
21	5410817	1	O-Ring
22	5811984	1	Seal, Tailcone
23	5431523	1	Screen, Engine Inlet
24	5130999	1	Nozzle, Steering
25	7515366	2	Screw
26	5130938	2	Collar
27	7552610	4	Washer, Lock
28	7555835	4	Washer, Flat
29	5431518	2	Bearing, Steering Nozzle
30	7515389	4	Bolt
31	5131569	1	Nozzle, Stationary
32	5432841	1	Wedge, Pump
33	7512064	3	Screw
34	5431519	1	Cone, Pump
35	5410819	1	O-Ring
36	5020697	1	Shaft, Stub
37	5410818	1	O-Ring

REVERSE
VIRAGE W005197D and INT'L VIRAGE W005197I



REVERSE

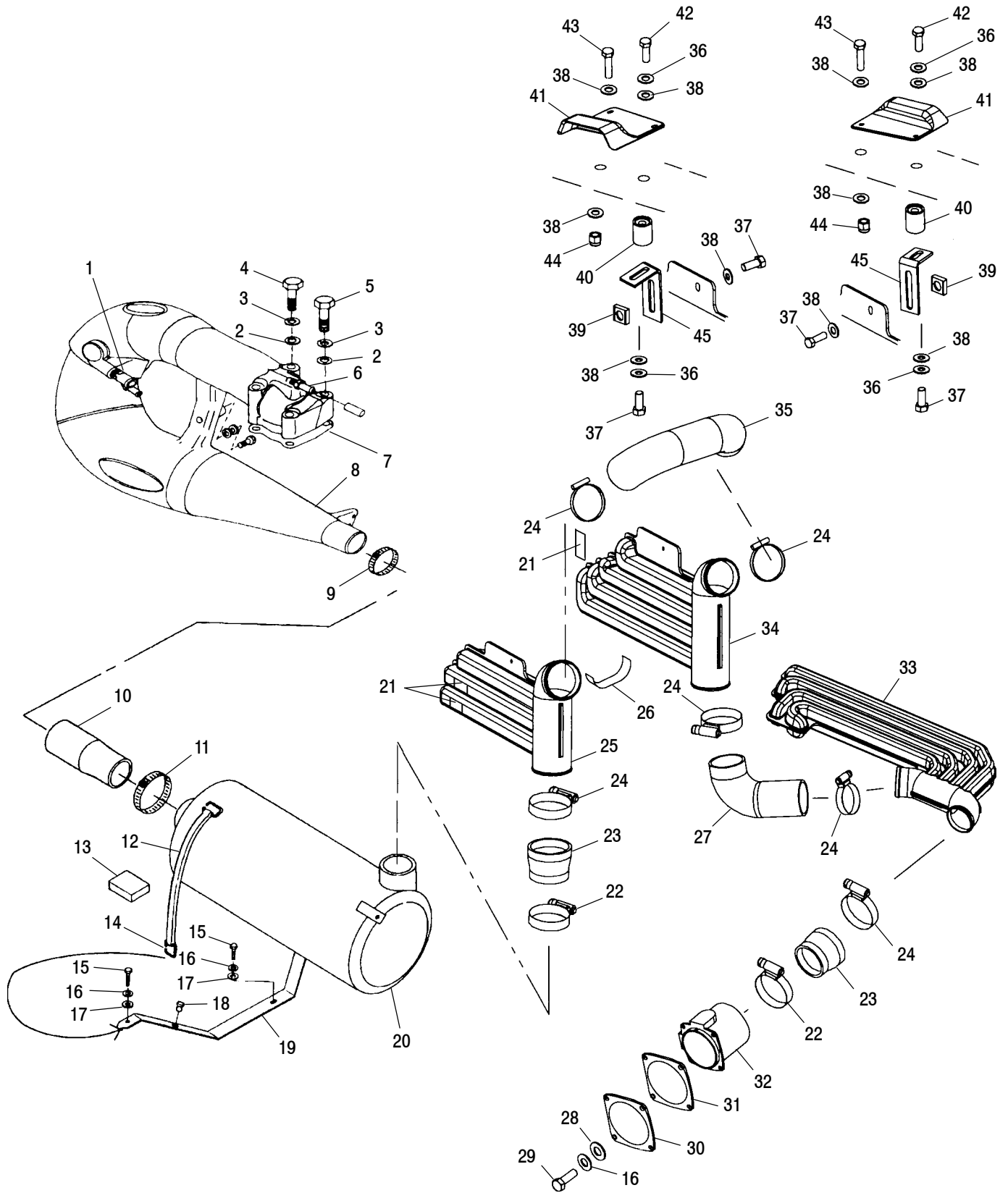
VIRAGE W005197D and INT'L VIRAGE W005197I

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5433677-070	1	Cap	25	5240257	2	Plate, Cable
2	7516816	1	Screw	26	7512049	4	Screw
3	7517669	4	Screw	27	5433954	1	Arm, Reverse
4	7661040	8	Rivet	28	7555952	1	Washer
5	5433646	1	Flange	29	7516806	1	Screw
6	5811982	1	Gasket	30	7661010	1	Pin, Cotter
7	5433643	1	Plate, Base	31	7555837	1	Washer
8	5433911	1	Bushing	32	7080899	1	Cable, Reverse
9	5433910	1	Bushing	33	7542528	2	Nut
10	5433645	1	Pinion	34	1860103	2	Washer
11	5433674	1	Bushing	35	7571625	1	Washer
12	5433675	1	Shaft, Cam	36	5411818	1	Seal, Rod
13	7555839	1	Washer	37	5411819	1	Seal, Rod
14	7517331	1	Screw	38	7080950	1	Tube, Guide, Reverse
15	5433872	1	Reverse, Lock	39	7061062	1	Rod End
16	7041888	2	Spring	40	7542133	1	Nut, Nylok
17	7517717	2	Screw	41	5631036	1	Gate, Reverse, Directional
18	7556094	2	Washer	42	7517749	1	Screw
19	5244288	1	Bracket, Reverse Plate, Forward	43	7555866	2	Washer
20	5433605-070	1	Handle, Reverse	44	5020683	2	Collar
21	5244289	1	Bracket, Reverse Plate, Rear	45	7555874	2	Washer
22	7661041	4	Rivet	46	7515368	2	Screw
23	5433647	1	Bushing	47	5244902	1	Bracket, Reverse Stop
24	5433673	1	Plunger				

3/00

EXHAUST SYSTEM

VIRAGE W005197D and INT'L VIRAGE W005197I

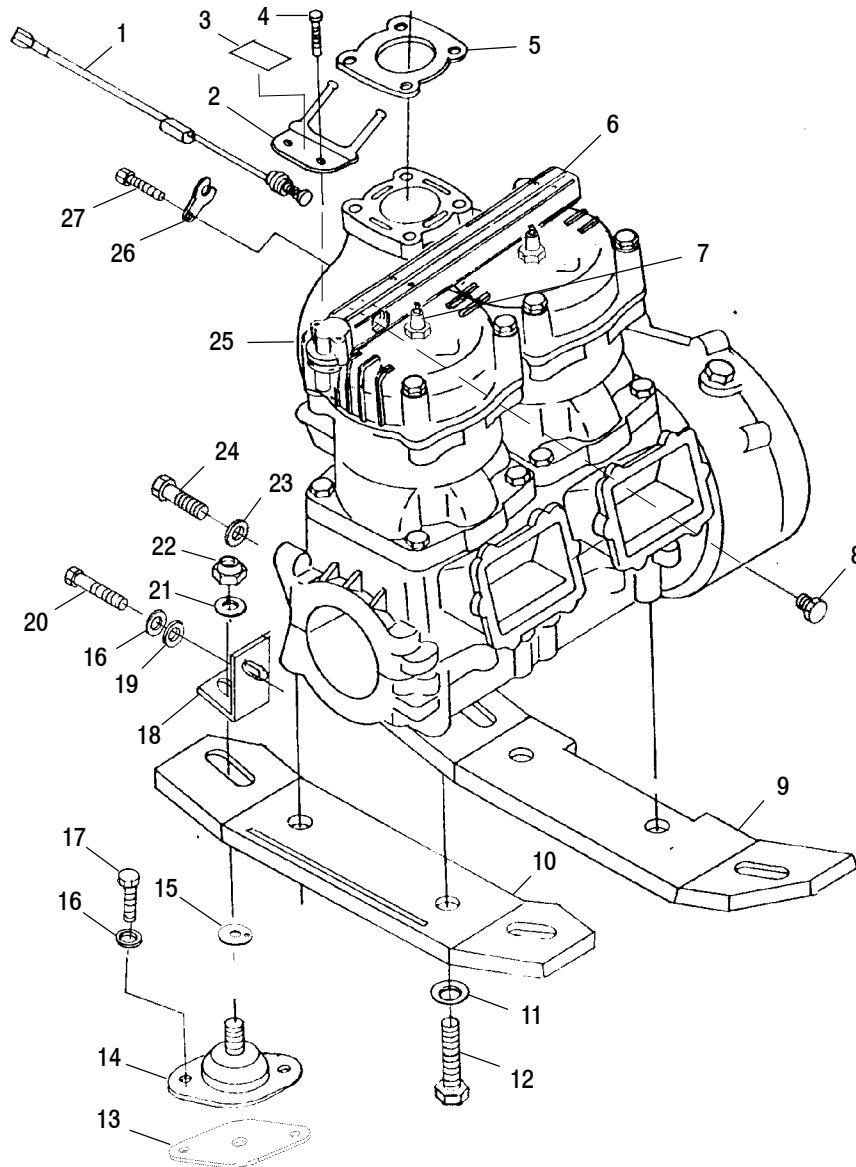


EXHAUST SYSTEM
VIRAGE W005197D and INT'L VIRAGE W005197I

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	5020668	1	Fitting, Inlet, Water	24	7080907	6	Clamp
2	7555856	4	Washer, Flat	25	5433810	1	Resonator 1
3	7552611	4	Washer, Lock	26	5830197	1	Pad
4	7517268	2	Screw	27	5411863	1	Hose, Exhaust
5	7517004	2	Screw	28	7555836	4	Washer, Flat
6	-----	1	Fitting, Screen, Exhaust (See Cooling System Pg. B11, Ref. 8)	29	7515116	4	Screw
7	-----	1	Gasket, Exhaust (See Battery Box Pg. B9, Ref. 5)	30	5245072	1	Plate, Exhaust Seal
8	1261023-093	1	Asm., Exhaust Pipe	31	5810529	1	Seal
9	7080446	1	Clamp, Hose	32	5132446	1	Fitting, Exhaust
10	5411165	1	Hose, Pipe/Silencer	33	5433632	1	Resonator 3
11	7080451	1	Clamp, Hose	34	5433811	1	Resonator 2
12	5430621	1	Strap, Rubber	35	5411932	1	Hose, Crossover (Incl. Conduit)
13	5811342	1	Pad, Foam		5521561	1	Conduit
14	5224472	2	D-Hook	36	7552613	4	Washer, Lock
15	7515127	2	Screw	37	7517717	4	Screw
16	7555838	6	Washer, Lock	38	7556094	10	Washer
17	7555839	2	Washer, Flat	39	7547151	2	Nut, Cage
18	5410414	2	Bumper, Rubber	40	5411851	2	Mount, Rubber
19	5222696	1	Cradle, Silencer	41	5433787	1	Protector, Seat, LH
20	1260581-093	1	Silencer, Exhaust		5433788	1	Protector, Seat, RH
21	5812094	3	Pad	42	7516809	2	Screw
22	7080445	2	Clamp, Hose	43	7516807	2	Screw
23	5411951	2	Hose	44	7546704	2	Nut
				45	5244270	2	Bracket

ENGINE MOUNTING

VIRAGE W005197D and INT'L VIRAGE W005197I



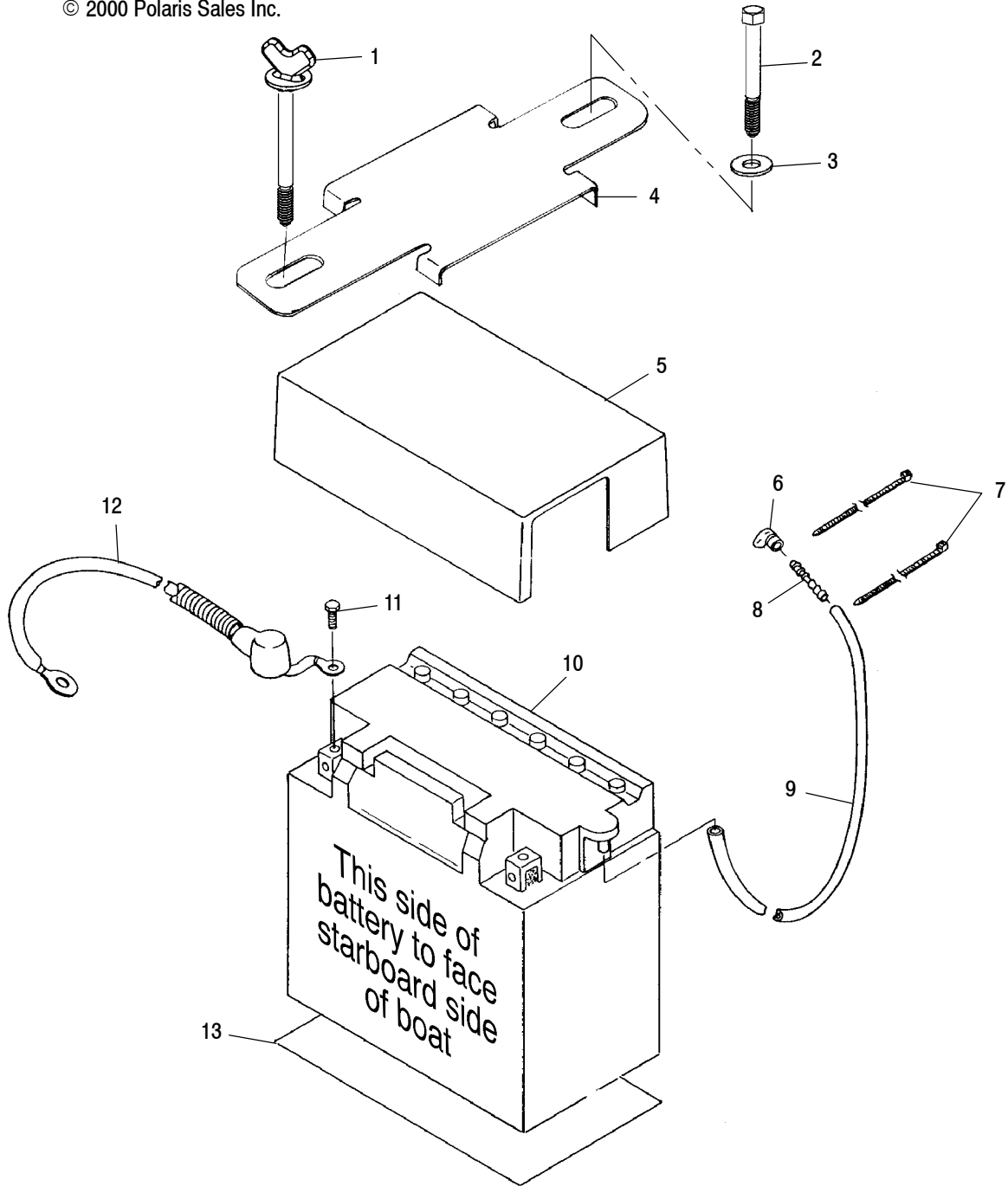
Ref.	Part No.	Qty.	Description
1	2410187	1	Asm., Temperature Switch
2	5242488	1	Ground, Spark Plug
3	7077026	1	Decal - Spark Plug
4	7515149	2	Screw
5	5830051	1	Gasket, Exhaust
6	-----	1	Decal - Warning (See Cylinder and Manifold Pg. C4, Ref. 1)
7	-----	2	Spark Plug, NGK BPR8ES (See Cylinder and Manifold Pg. C4, Ref. 5)
8	7051527	1	Plug, Pipe
9	5630585	1	Plate, Front Mount
10	5630584	1	Plate, Rear Mount
11	7552609	4	Washer, Lock
12	7517330	4	Screw
13	5244508	2	Plate, Repair
14	3021103	4	Mount, Engine

Ref.	Part No.	Qty.	Description
15	5211727	AR	Shim, Engine Mount
16	7552610	10	Washer, Lock
17	7517627	8	Screw
18	1060142	1	Bracket, Rear Muffler
19	7555835	2	Washer, Flat
20	7515357	2	Bolt
21	7555848	4	Washer, Flat
22	7542725	4	Nut
23	7556055	1	Washer, Lock
24	7517497	1	Bolt
25	2201620	1	Engine, Short Block NOTE: The Short Block assembly contains a crankcase assembly, cylinder, and cylinder head assembly.
26	5240876	1	Clip, Retainer
27	7516603	1	Bolt

BATTERY BOX

VIRAGE W005197D and INT'L VIRAGE W005197I

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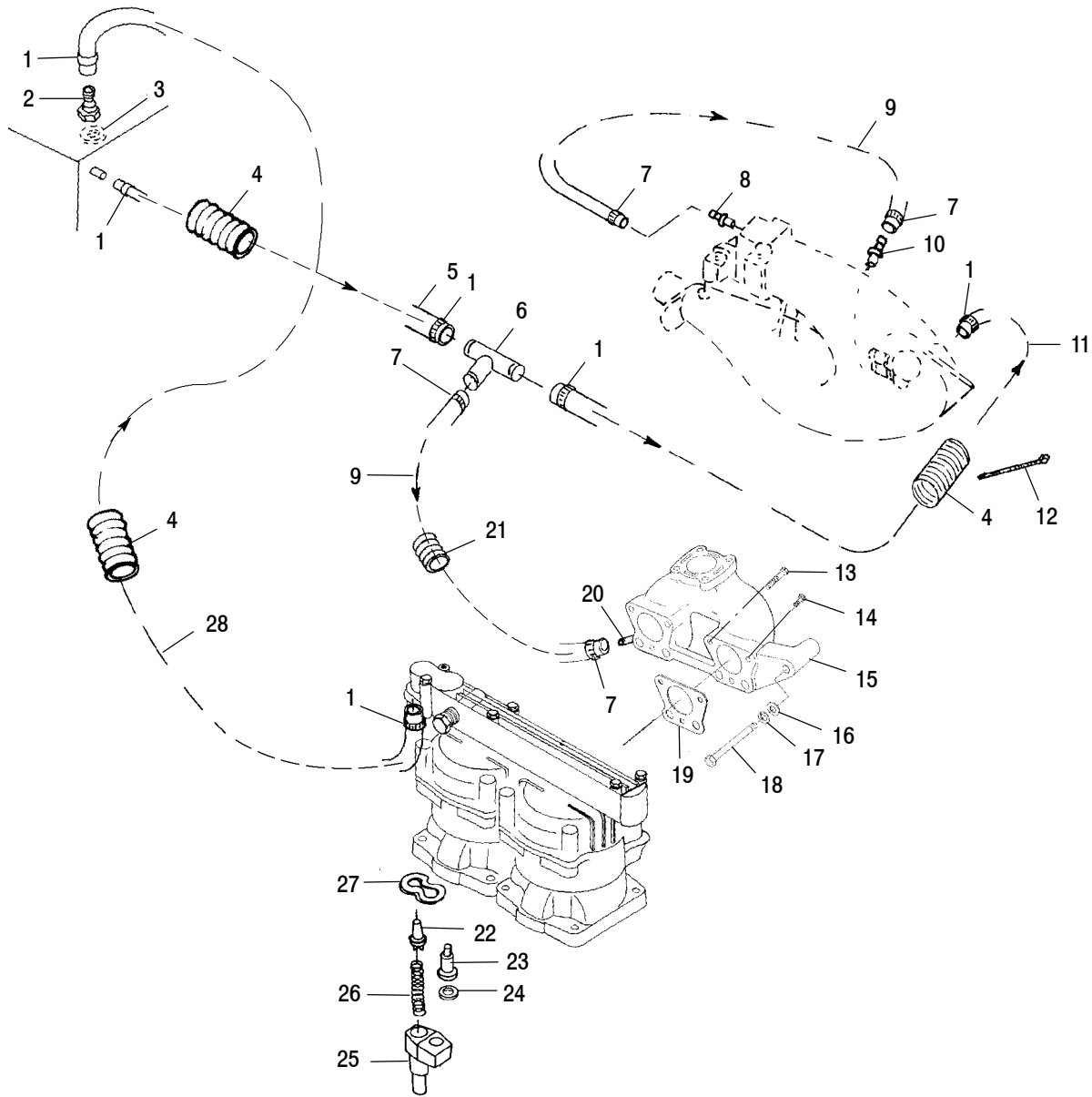
Ref.	Part No.	Qty.	Description
1	7515192	1	Stud
2	7517824	1	Screw
3	7555839	1	Washer, Flat
4	5211676	1	Bracket, Battery Hold Down
5	5432413	1	Cover, Battery
6	5410682	1	Grommet, Vent
7	7080483	3	Cable Tie

Ref.	Part No.	Qty.	Description
8	7052078	1	Connector
9	5432121	AR	Hose, Vent
10	4140009	1	Battery, 19 Amp
11	2200619	2	Kit - Battery Bolt
12	4010118	1	Cable, Ground, Battery/Engine
13	5850136	1	Pad, Battery

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COOLING SYSTEM

VIRAGE W005197D and INT'L VIRAGE W005197I

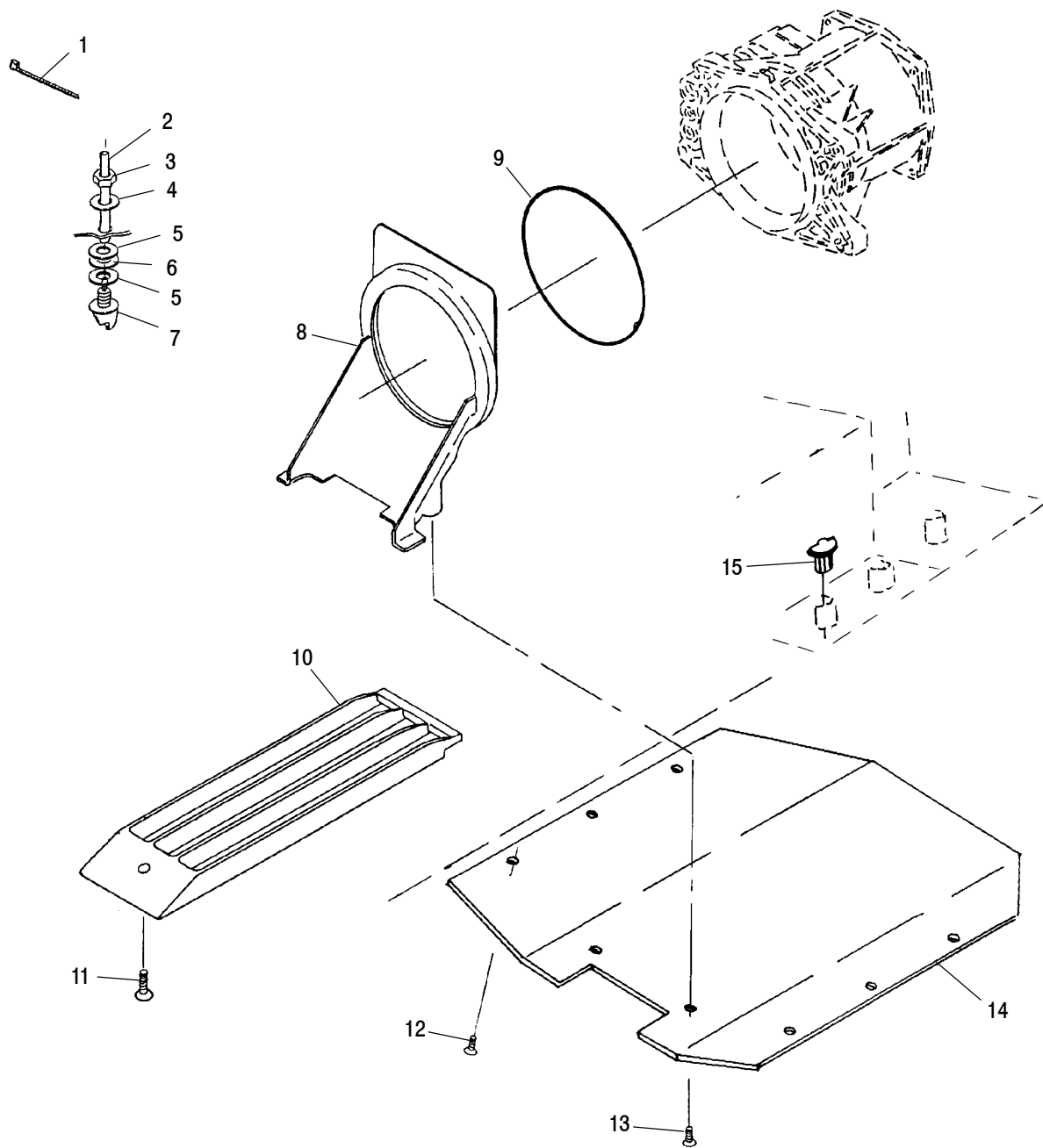


Ref.	Part No.	Qty.	Description
1	7080475	6	Clamp, Hose
2	5431444	1	Fitting, Thru-Hull
3	5811317	1	Gasket
4	5521287-63	4	Conduit, Flex
5	5411049	1	Hose, Outlet, Pump
6	5431784	1	Fitting, Tee
7	7080476	4	Clamp, Hose
8	7052128	1	Fitting, Screen, Exhaust
9	8450054-100	1	Hose, Water
10	5020747	1	Fitting, Injector, Exhaust
11	5411050	1	Hose, Inlet
12	7080138	10	Cable Tie
13	7516727	2	Screw
14	7516725	4	Screw

Ref.	Part No.	Qty.	Description
15	1260694	1	Asm., Exhaust Manifold
16	7555856	1	Washer, Flat
17	7552611	1	Washer, Lock
18	7517004	1	Screw
19	5811045	2	Gasket, Exhaust
20	5020746	1	Fitting, Drain Exhaust
21	5521398-13	1	Conduit, Flex
22	5432799	1	Valve, Pop-Off
23	7051008	1	Thermostat, 143 Degrees F.
24	5410781	1	Gasket, Thermostat
25	5131008	1	Cover, Thermostat, Machined
26	7041310	1	Spring, Compression
27	5410860	1	Seal, Thermostat Housing
28	5411479	1	Hose, Water Out

WATER INLET

VIRAGE W005197D and INT'L VIRAGE W005197I

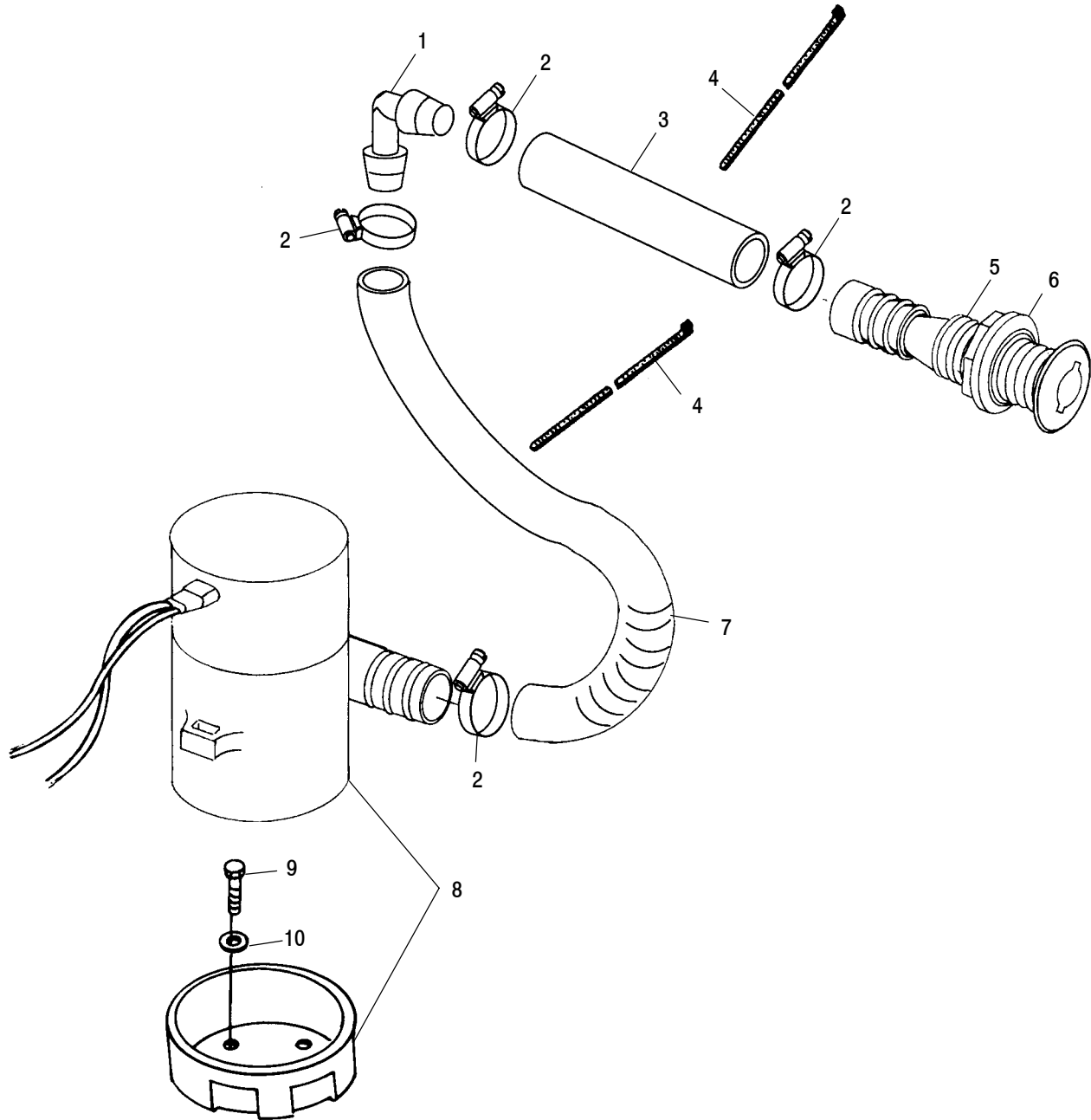


Ref.	Part No.	Qty.	Description
1	7080483	1	Cable Tie
2	-----	1	Line, Pitot (See Shroud Pg. A6, Ref. 3)
3	7547003	1	Nut, Hex, Nylon
4	7555873	1	Washer, Flat
5	5810879	2	Gasket, Pitot
6	7555848	1	Washer, Flat
7	5431634	1	Fitting, Pitot
8	5131602	1	Scoop, Inlet

Ref.	Part No.	Qty.	Description
9	-----	1	O-Ring (See Propulsion Pg. B4, Ref. 20)
10	5630542-067	1	Grate, Inlet
11	7515155	1	Screw
12	7517267	8	Screw
13	7515126	2	Screw
14	5630659	1	Plate, Ride, Long, Angled
15	7010083	8	Insert, Sponson/Ride Plate

BILGE PUMP

VIRAGE W005197D and INT'L VIRAGE W005197I

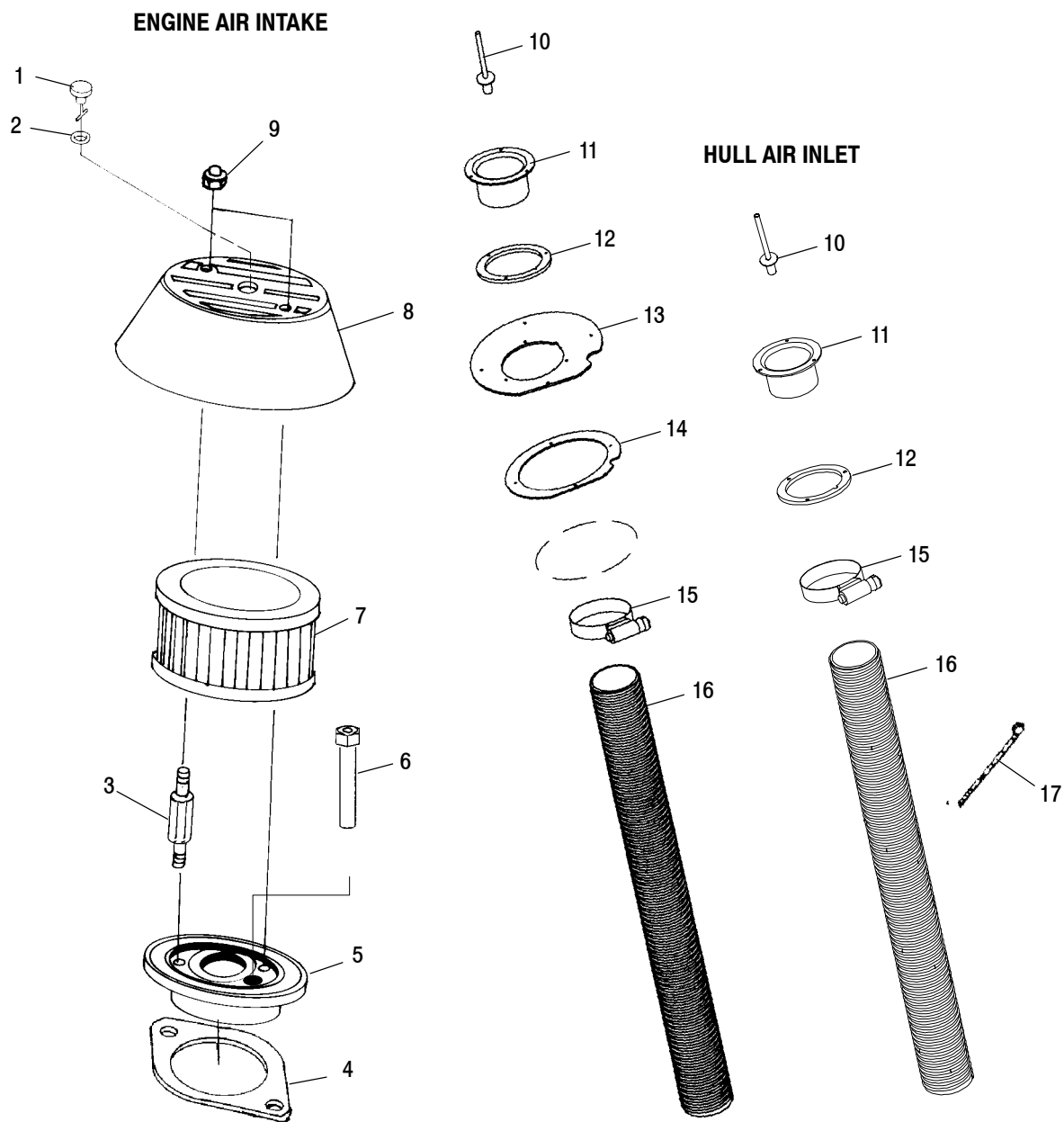


Ref.	Part No.	Qty.	Description
1	7052141	1	Elbow
2	7080475	4	Clamp
3	8450050-26	1	Hose, Water
4	7080492	2	Cable Tie
5	5431444	1	Fitting, Water, Thru-Hull

Ref.	Part No.	Qty.	Description
6	5811317	1	Gasket
7	5411595	1	Hose
8	2410169	1	Asm., Bilge Pump
9	7512043	2	Screw
10	7555837	2	Washer

ENGINE AIR INTAKE/HULL AIR INLET

VIRAGE W005197D and INT'L VIRAGE W005197I

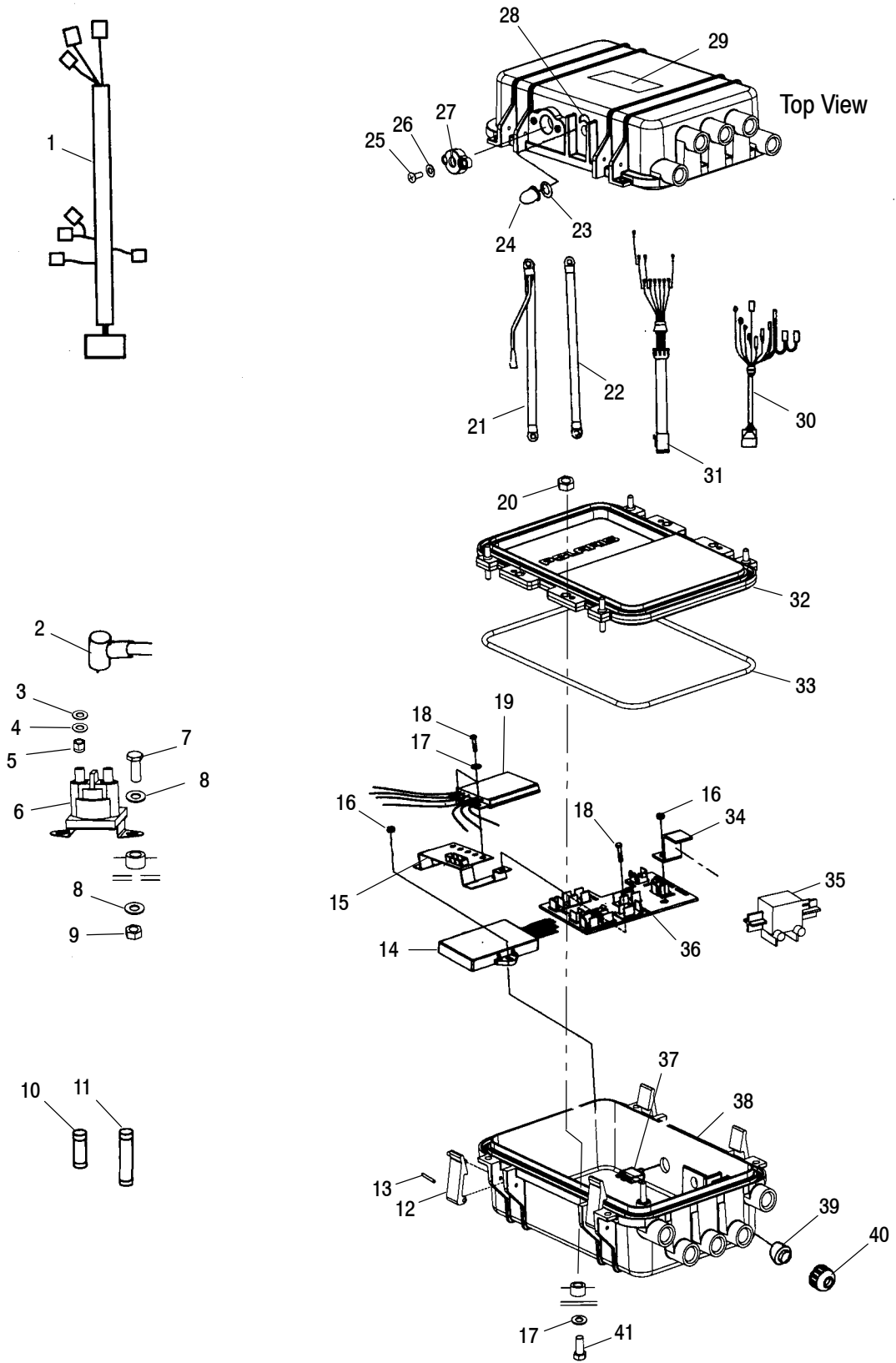


Ref.	Part No.	Qty.	Description
1	5432138-070	1	Plug, Intake Silencer
2	5410589	1	O-Ring
3	5132353	2	Stud
4	5830062	1	Gasket
5	5631070	1	Base, Intake
6	7517799	2	Screw
7	2520185	1	Filter, Intake
8	5432464-070	1	Cover, Intake
9	7546708	2	Nut

Ref.	Part No.	Qty.	Description
10	7661042	10	Rivet
11	5433220	2	Flange, Air Inlet
12	5411545	2	Gasket
13	5812108	1	Panel
14	5411958	1	Gasket
15	7080439	2	Clamp
16	5433082	2	Duct, Air Inlet
17	7080492	5	Cable Tie

ELECTRICAL BOX

VIRAGE W005197D and INT'L VIRAGE W005197I



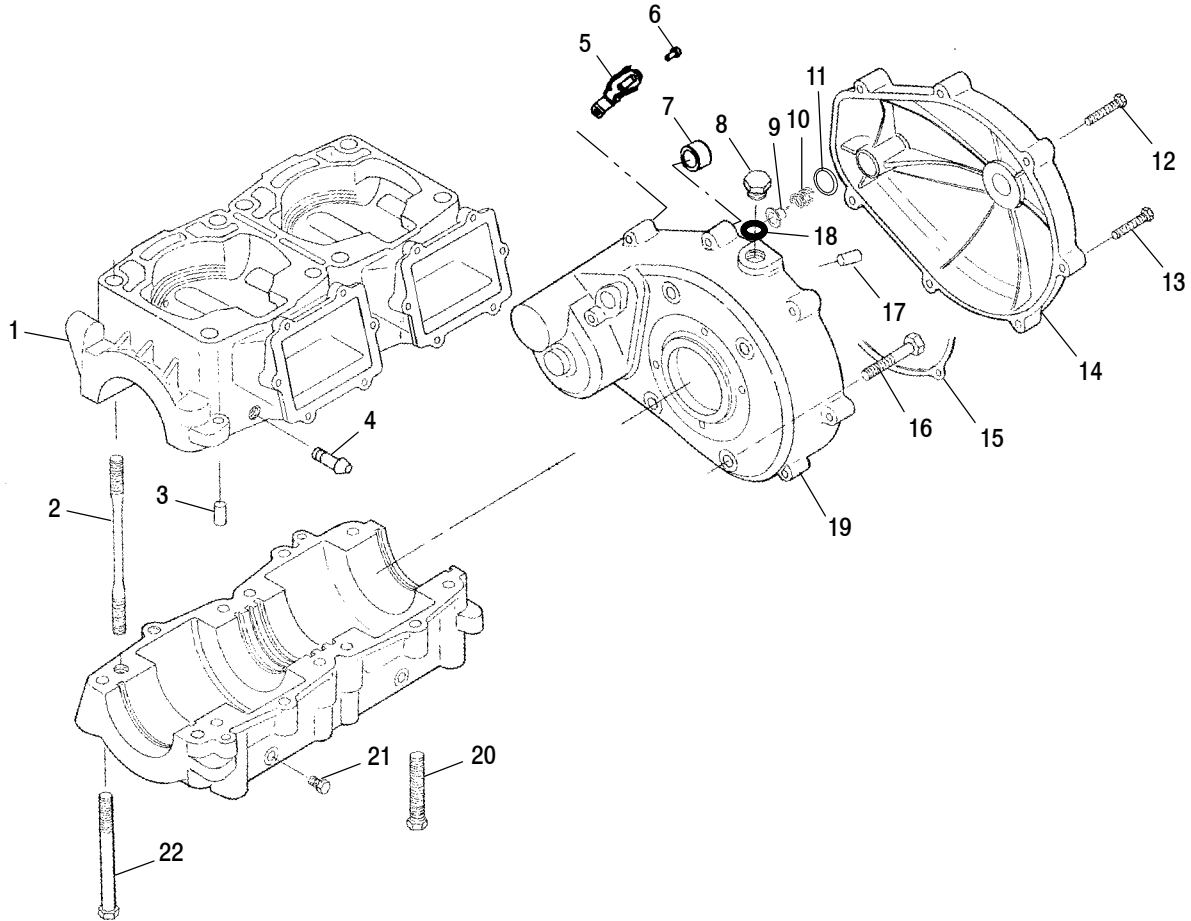
ELECTRICAL BOX
VIRAGE W005197D and INT'L VIRAGE W005197I

Ref.	Part No.	Qty.	Description
1	2460898	1	Harness, Main Wire
2	5410346	4	Insulator
3	7546705	2	Nut
4	7552613	2	Washer, Lock
5	7555882	2	Washer
6	-----	1	Solenoid, Starter (See Magneto Pg. C8, Ref. 10)
7	7517671	2	Screw
8	7555839	4	Washer
9	7546704	2	Nut
10	4060161	1	Fuse, 3 Amp
11	4060111	1	Fuse, 1/4 Amp
12	5432503	4	Latch
13	5333544	4	Pin, Latch
14	-----	1	Controller, Ignition (See Magneto Pg. C8, Ref. 9)
15	5244335	1	Strap, Grounding
16	7547061	3	Nut
17	7555837	7	Washer
18	7512042	3	Screw
19	4010304	1	Regulator, 1 Button
20	7547059	4	Nut
21	4010238	1	Cable, Battery/Solenoid

Ref.	Part No.	Qty.	Description
22	4010237	1	Cable, Solenoid/Starter
23	5411491	1	O-Ring
24	7080461	1	Boot, Threaded
25	7515113	2	Screw
26	7555836	2	Washer
27	5432574	1	Plate, Stator
28	7077691	1	Decal - "RESET ELEC SYSTEM"
29	7073713	1	Decal - High Voltage Warning
30	2460718	1	Harness, 8 Wire Stator
31	2460826	1	Harness, Pigtail
32	5433119	1	Cover, Electrical Box
33	5432569	1	Seal
34	5244370	1	Bracket, Coil
35	-----	1	Coil, Ignition (See Magneto Pg. C8, Ref. 11)
36	2410201	1	Asm., Terminal Board
37	2434011	1	Breaker, Circuit
38	2632137	1	Asm., Electrical Box, Ignition (Incl. 12,13,32,33)
39	5411235	1	Grommet
40	5432502	1	Cap
41	7517825	4	Screw

CRANKCASE

VIRAGE W005197D and INT'L VIRAGE W005197I

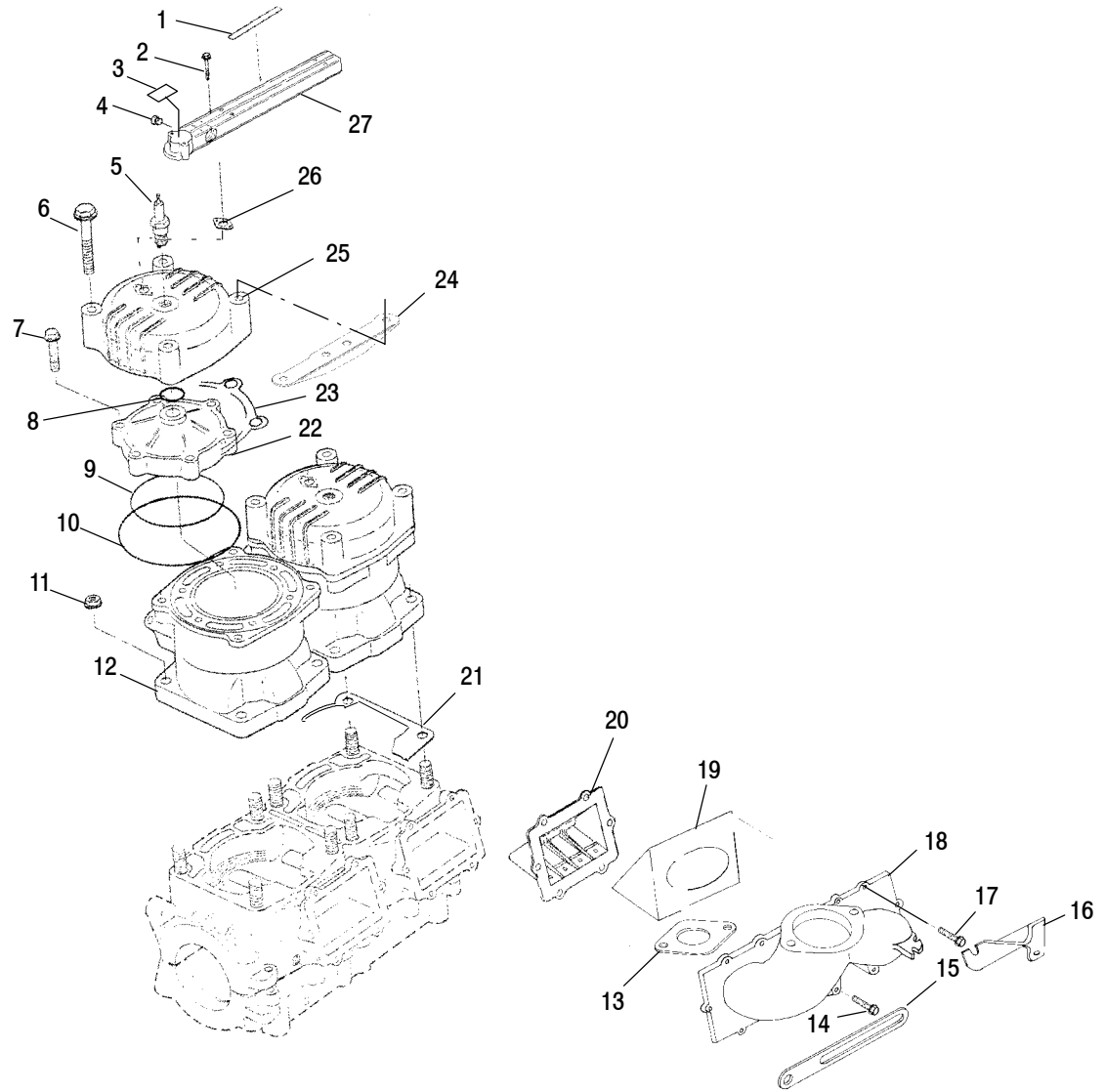


Ref.	Part No.	Qty.	Description
1	2201619	1	Kit - Asm., Crankcase (Incl. 2-4,20-22)
2	5131677	8	Stud, Cylinder Flange
3	7663001	2	Pin, Dowel
4	7052145	1	Fitting
5	5243231	1	Clamp, Stator Wires
6	7517431	1	Screw
7	3569805	1	Bushing
8	5433130	1	Plug
9	3574214	1	Bushing
10	7041457	1	Spring
11	3569806	1	Bushing

Ref.	Part No.	Qty.	Description
12	7517676	6	Screw
13	7516806	1	Screw
14	1201923	1	Asm., Flywheel Cover (Incl. 11)
15	5811550	1	Gasket, Flywheel Cover
16	7516723	4	Screw
17	7663002	3	Pin, Dowel
18	5411564	1	O-Ring
19	1201938	1	Asm., Flywheel Housing (Incl. 7,17)
20	7517628	4	Screw
21	7051529	2	Plug
22	7516913	2	Screw

CYLINDER & MANIFOLD

VIRAGE W005197D and INT'L VIRAGE W005197I

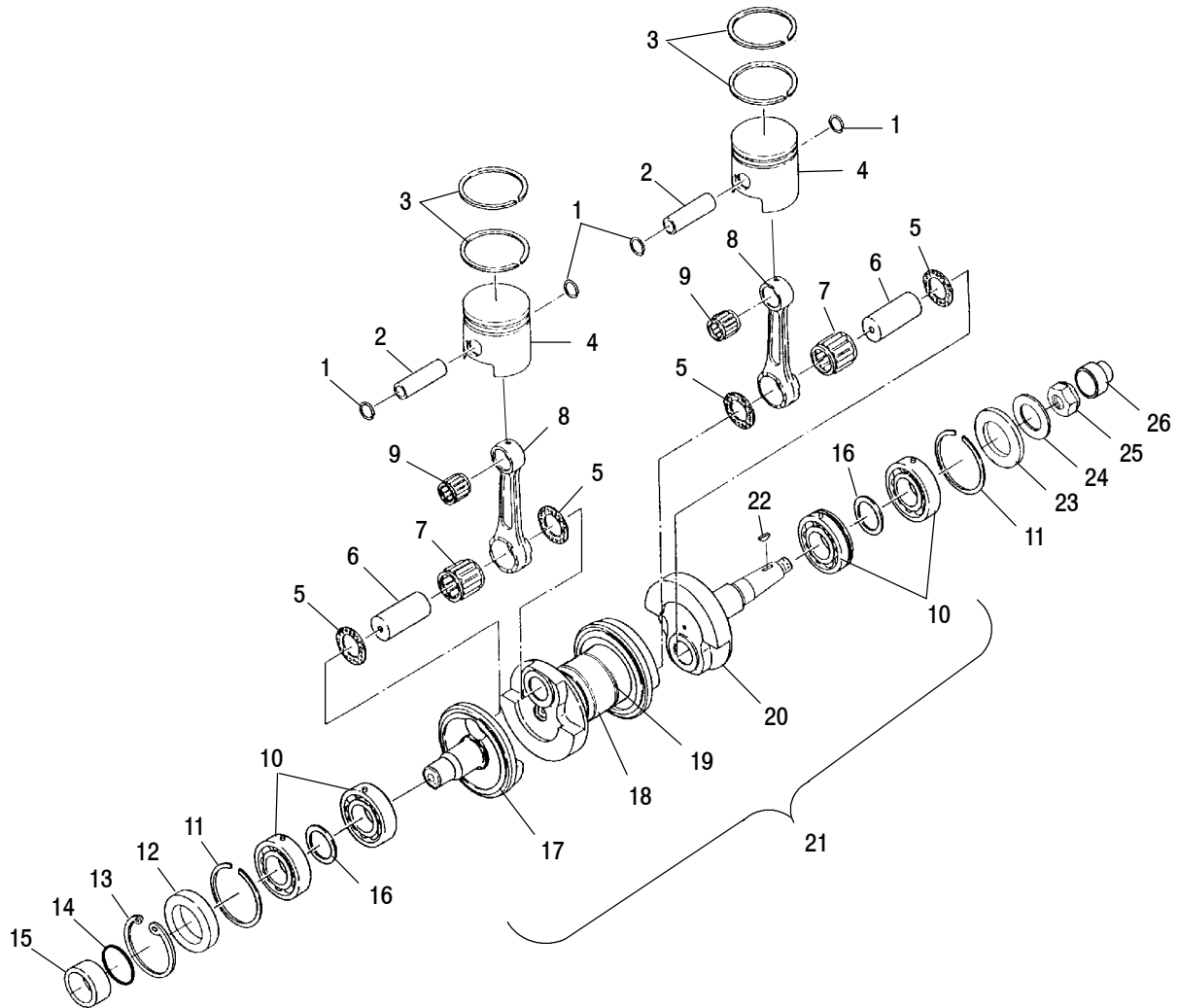


Ref.	Part No.	Qty.	Description
1	7075383	1	Decal - Warning
2	7516806	4	Screw
3	7077026	1	Decal - Spark Plug
4	7051527	1	Plug, Pipe
5	3070174	2	Spark Plug, NGK BPR8ES
6	7516722	8	Screw
7	7517352	12	Screw
8	5410917	2	O-Ring
9	5410932	2	O-Ring
10	5410931	2	O-Ring
11	7547021	8	Nut
12	3021019	2	Cylinder
13	5830043	1	Gasket, Carb
14	7517306	2	Screw

Ref.	Part No.	Qty.	Description
15	7080654	1	Retainer, Vinyl Coated
16	5241134	1	Bracket, Oil Pump Cable
17	7516807	10	Screw
18	5630656	1	Manifold, Intake
19	5432104	2	Stuffer, Reed Block
20	1201689	2	Asm., Valve, Reed
21	5830123	2	Gasket, Cylinder Base
22	3021117	2	Head, Cylinder
23	5241944	2	Ring, Head
24	5241768-093	1	Bracket, Head, Twin
25	5630527-093	2	Cover, Head
26	5830061	2	Gasket, Water, Manifold
27	5630826-093	1	Manifold, Outlet, Water

CRANKSHAFT and PISTON

VIRAGE W005197D and INT'L VIRAGE W005197I

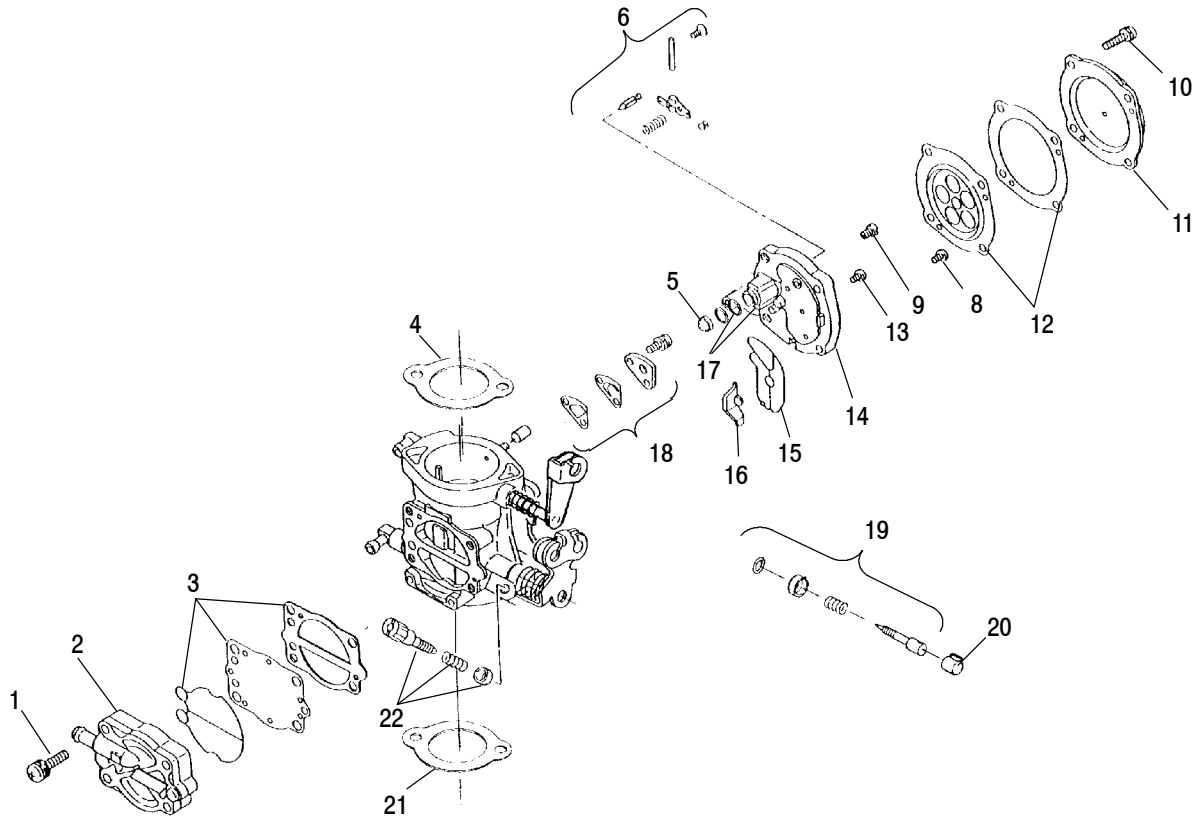
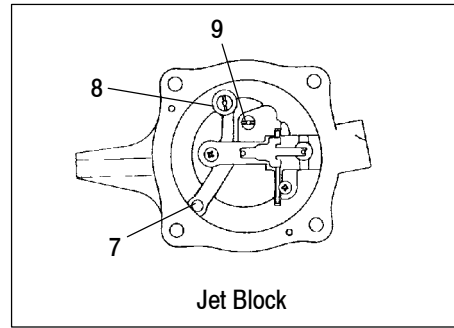


Ref.	Part No.	Qty.	Description
1	3022950	4	Circlip, Piston
2	3021091	2	Pin, Piston
3	2200902	1	Kit - Piston Rings (Std.)(2 Rings)
	2200903	1	Kit - Piston Rings (.25mm OS)
	2200904	1	Kit - Piston Rings (.50 mm OS) NOTE: If the number stamped on the head of piston reads ELKO 2102/6 use the above 3 kits.
	2200918	1	Kit - Piston Rings (Std.)(2 Rings)
	2200917	1	Kit - Piston Rings (.25mm OS)
	2200916	1	Kit - Piston Rings (.50 mm OS) NOTE: If the number stamped on the head of piston reads ELKO 2194a use the above 3 kits.
4	2201626	1	Kit - Piston Asm. (Std.)(Incl.1,2,3)
	2201627	1	Kit - Piston Asm. (.25 mm OS)(Incl.1,2,3)
	2201628	1	Kit - Piston Asm. (.50 mm OS)(Incl.1,2,3)
5	-----	4	Washer, Thrust
6	-----	2	Pin, Crankshaft
7	-----	2	Bearing, Connecting Rod
8	2201022	1	Kit - Connecting Rod Assembly (Incl. 5-7)
9	3584001	2	Bearing, Connecting Rod (20 mm)
10	3585503	4	Bearing, Ball

Ref.	Part No.	Qty.	Description
11	7710441	2	Ring, Retaining (72 mm)
12	5411524	1	Seal
13	7710435	1	Ring, Retaining (72 mm)
14	5410613	1	O-Ring
15	5131195	1	Collar, Crankshaft
16	7555905	2	Bushing
17	5131083	1	Crankweb, PTO
18	5131084	2	Crankweb, Center
19	5131086	1	Labyrinth
20	5131085	1	Crankweb, Mag.
21	2201243	1	Kit - Crankshaft, 2 Cylinder (Incl. 10,16-20,22)
22	7721117	1	Key, Woodruff
23	3610044	1	Seal
24	-----	1	Washer (See Magneto Pg. C8, Ref. 7)
25	-----	1	Nut, Pump Drive (See Magneto Pg. C8, Ref. 8)
26	5432576	1	Coupler

CARBURETOR

VIRAGE W005197D and INT'L VIRAGE W005197I

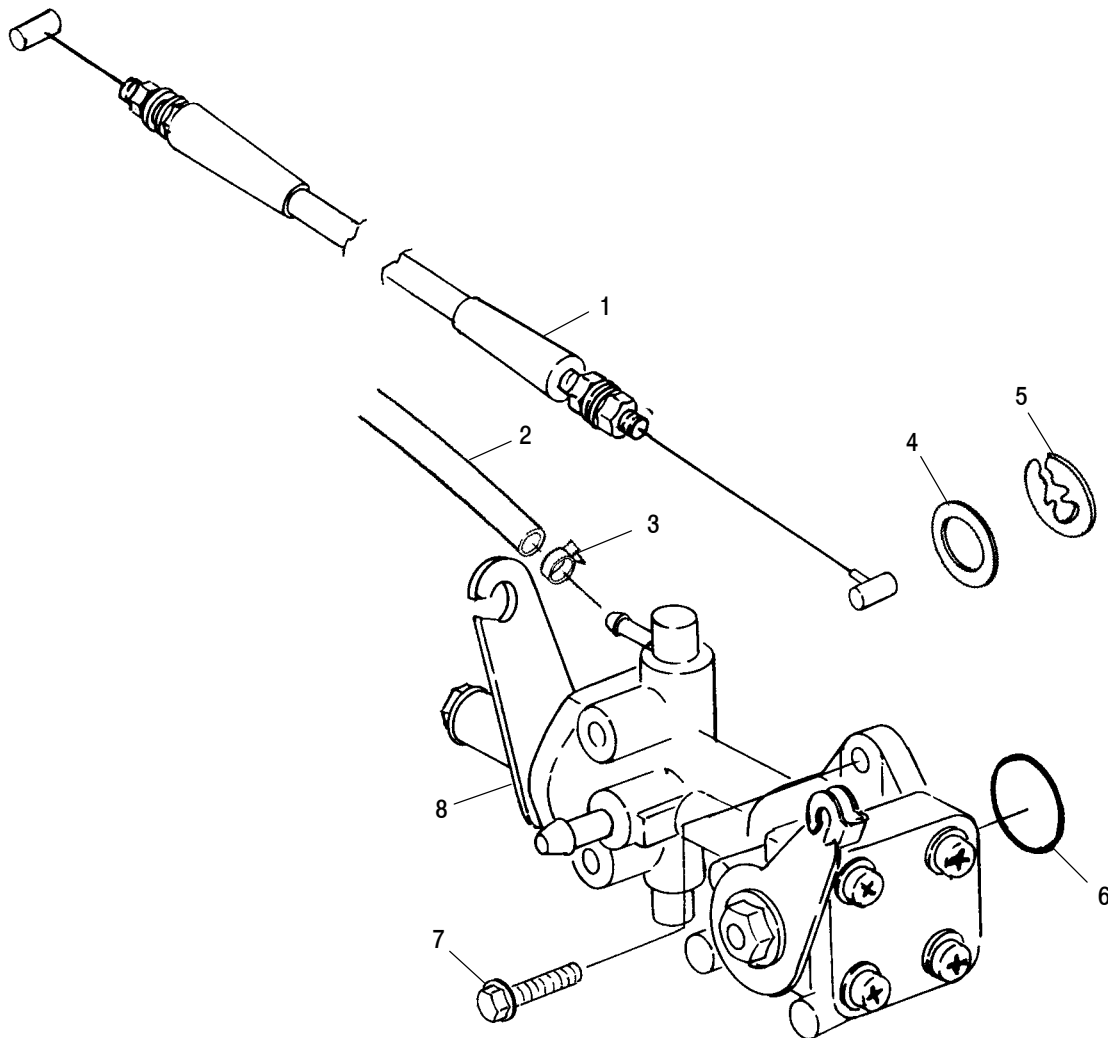


Ref.	Part No.	Qty.	Description
	1253334	1	Asm., Carburetor
	2200910	1	Kit - Carb Rebuild (Incl. 8,15,21)
1	3050136	4	Screw, Fuel Pump
2	2200687	1	Kit - Fuel Pump Body
3	2200686	1	Kit - Gasket, Fuel Pump
4	5830062	1	Gasket, Carburetor, Upper
5	3050144	2	Screen, Fuel Strainer
6	2200733	1	Kit - Needle Valve
7	3050117	1	Jet, Main, Keihin
8	3050193	1	Jet, Main, Keihin
9	3050133	1	Jet, Pilot, Keihin
10	3050135	8	Screw, Jet Block Cover

Ref.	Part No.	Qty.	Description
11	3050139	2	Cover, Jet Block
12	2200730	1	Kit - Diaphragm, Jet Block
13	3050137	1	Screw, Jet Block
14	3050204	2	Block, Jet
15	3050147	2	O-Ring, Jet Block
16	3050138	2	Collar
17	3050148	4	O-Ring, Valve Seat
18	2200688	2	Kit - Check Valve
19	2200689	2	Kit - Idler Mixture Screw
20	3050140	2	Cap, Limiter
21	5830043	2	Gasket, Lower
22	2200731	1	Kit - Idle Stop Screw

OIL PUMP

VIRAGE W005197D and INT'L VIRAGE W005197I



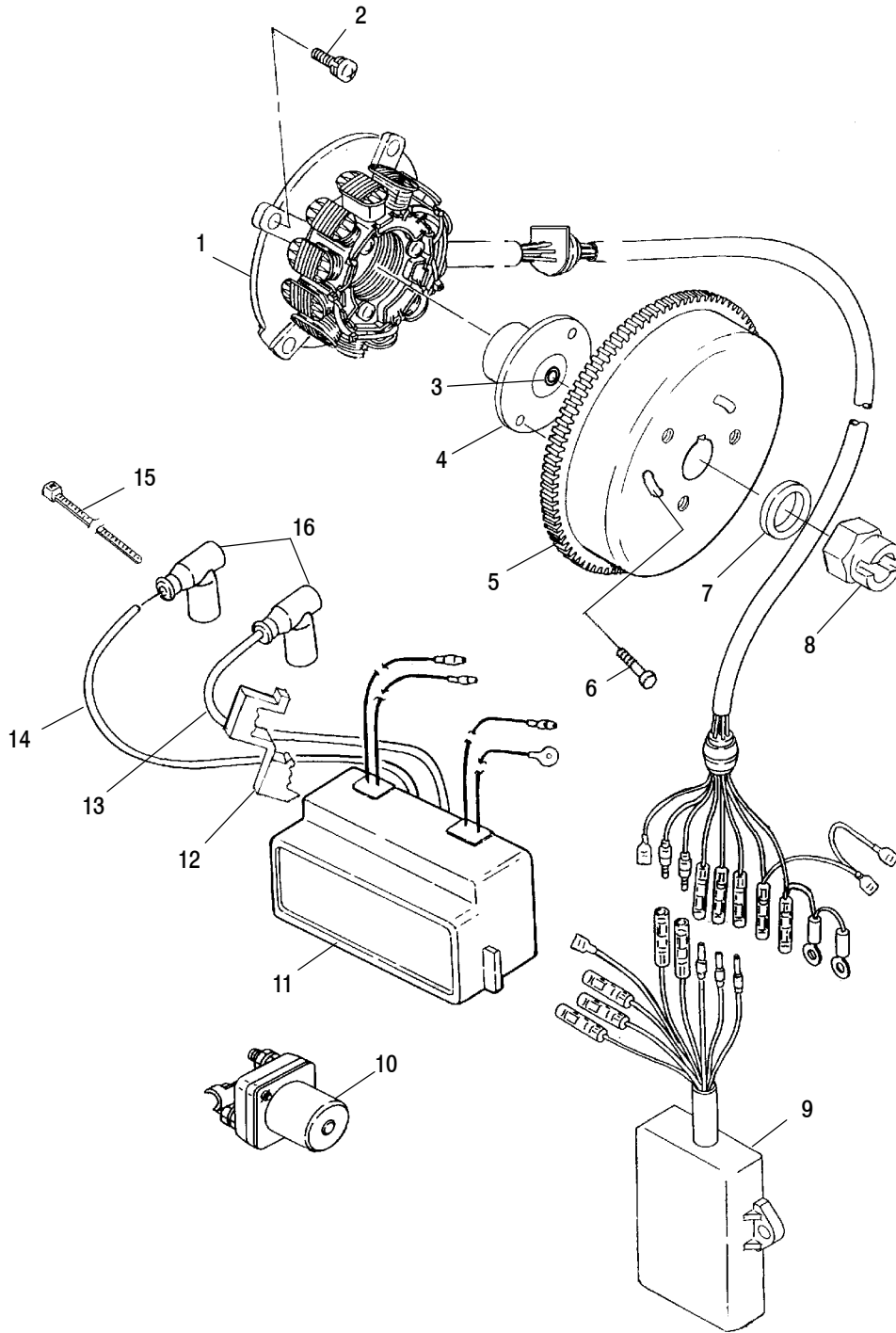
Ref.	Part No.	Qty.	Description
1	7080679	1	Cable, Oil Pump
2	8450061-54	2	Line, Oil
3	7080603	4	Clamp, 7 mm
4	7555944	1	Washer

Ref.	Part No.	Qty.	Description
5	7710427	1	E-Ring
6	5411293	1	O-Ring
7	7516605	2	Screw
8	2540073	1	Pump, Oil (Incl. 6)

10/99

MAGNETO

VIRAGE W005197D and INT'L VIRAGE W005197I

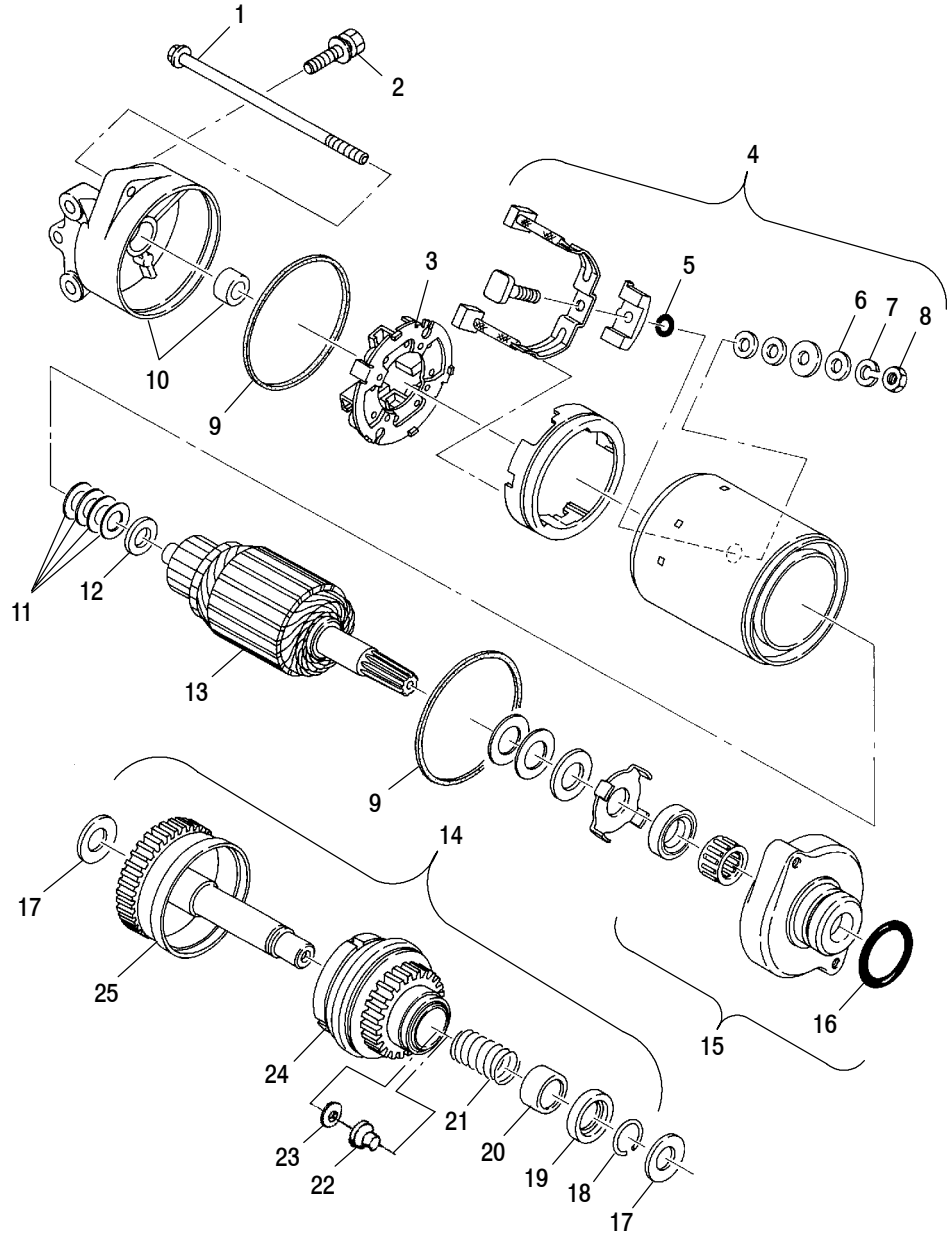


Ref.	Part No.	Qty.	Description
1	4010172	1	Stator, Twin
2	7517384	3	Screw
3	5811320	1	O-Ring
4	5432282	1	Holder, Magnet
5	4010189	1	Asm., Flywheel
6	7517431	1	Screw
7	7555907	1	Washer
8	7546909	1	Nut

Ref.	Part No.	Qty.	Description
9	4010348	1	Controller, Ignition
10	4010228	1	Solenoid, Starter
11	4010175	1	Coil, Ignition
12	7080471	1	Clip
13	4010173-42	1	Wire, Spark Plug
14	4010173-56	1	Wire, Spark Plug
15	7080483	2	Cable Tie
16	4020155	2	Cap, Spark Plug

STARTING MOTOR

VIRAGE W005197D and INT'L VIRAGE W005197I

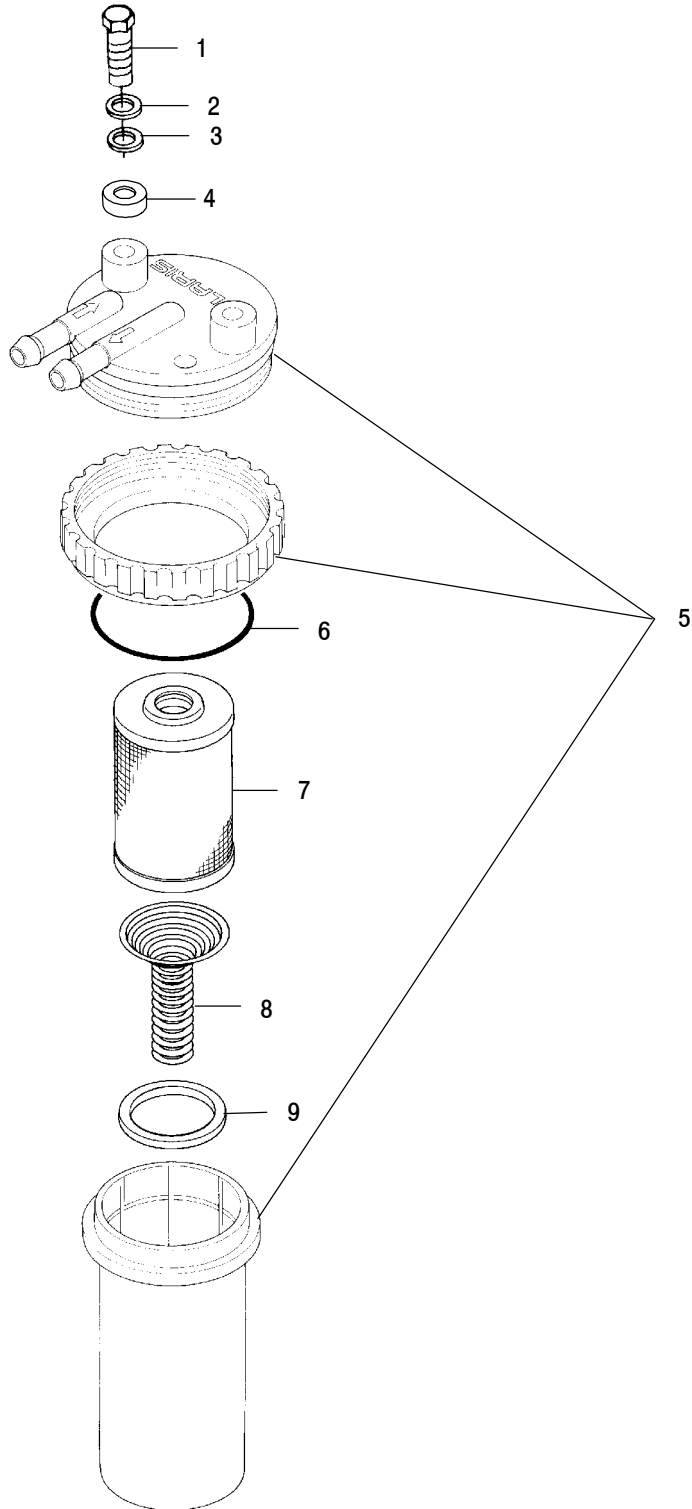


Ref.	Part No.	Qty.	Description
	4060118	1	Starter, Big Bore
1	3240113	2	Bolt, Through
2	7516807	2	Screw
3	3240111	4	Spring, Brush
4	3240115	1	Asm., Brush (Incl. 3-8)
5	3084408	1	O-Ring
6	3240119	1	Washer
7	3240117	1	Washer, Spring
8	3240116	1	Nut
9	3084405	2	Ring, Rubber
10	3240207	1	Asm., Rear Bracket
11	3240118	AR	Washer, Thrust
12	3240112	1	Washer, Thrust

Ref.	Part No.	Qty.	Description
13	3240205	1	Asm., Armature
14	4060119	1	Asm., Bendix (Incl. 17-25)
15	3240206	1	Asm., Front Bracket
16	3240114	1	O-Ring
17	3083737	1	Washer
18	3240126	1	Ring, Snap
19	3240125	1	Stopper
20	3240123	1	Cover
21	7041457	1	Spring
22	3574214	1	Bushing, Flanged
23	7555908	1	Washer, Thrust
24	3240122	1	Asm., Gear
25	3240120	1	Asm., Gear (Incl. 17-24)

FUEL/WATER SEPARATOR

VIRAGE W005197D and INT'L VIRAGE W005197I

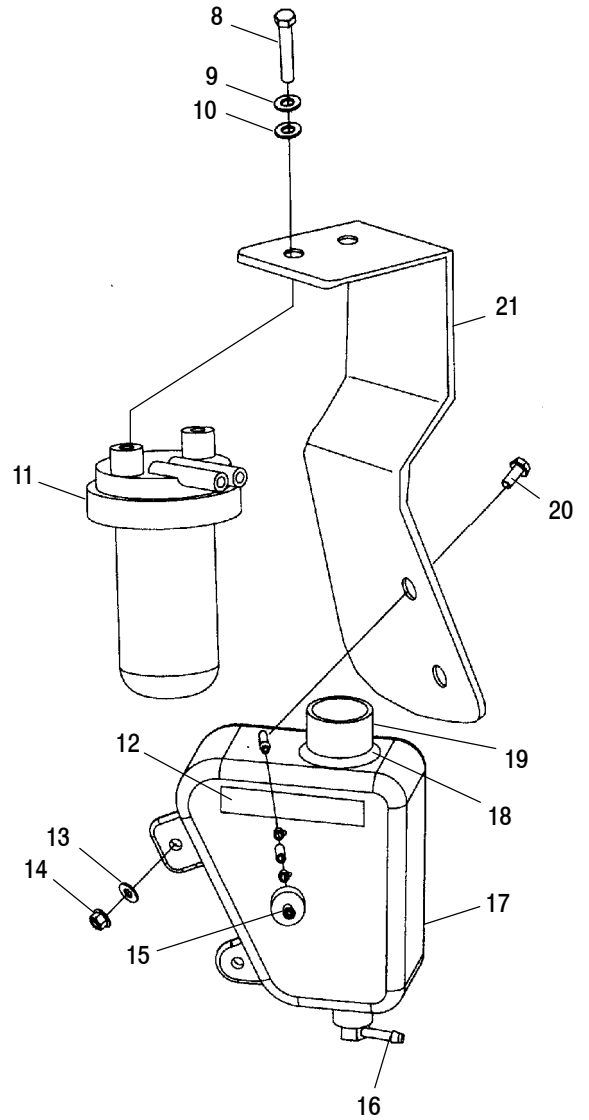
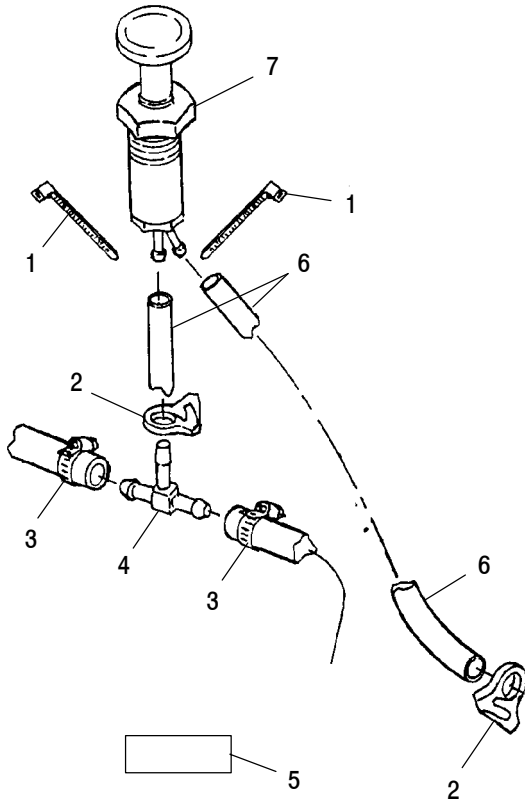


Ref.	Part No.	Qty.	Description
1	7517798	2	Screw
2	7552613	2	Washer, Lock
3	7555870	2	Washer, Dish
4	5132374	2	Spacer
5	3240220	1	Separator, Fuel/Water (Incl. 6-9)

Ref.	Part No.	Qty.	Description
6	3240209	1	O-Ring
7	3240239	1	Element
8	3240238	1	Spring
9	3240240	1	Float

ENGINE FOGGING SYSTEM

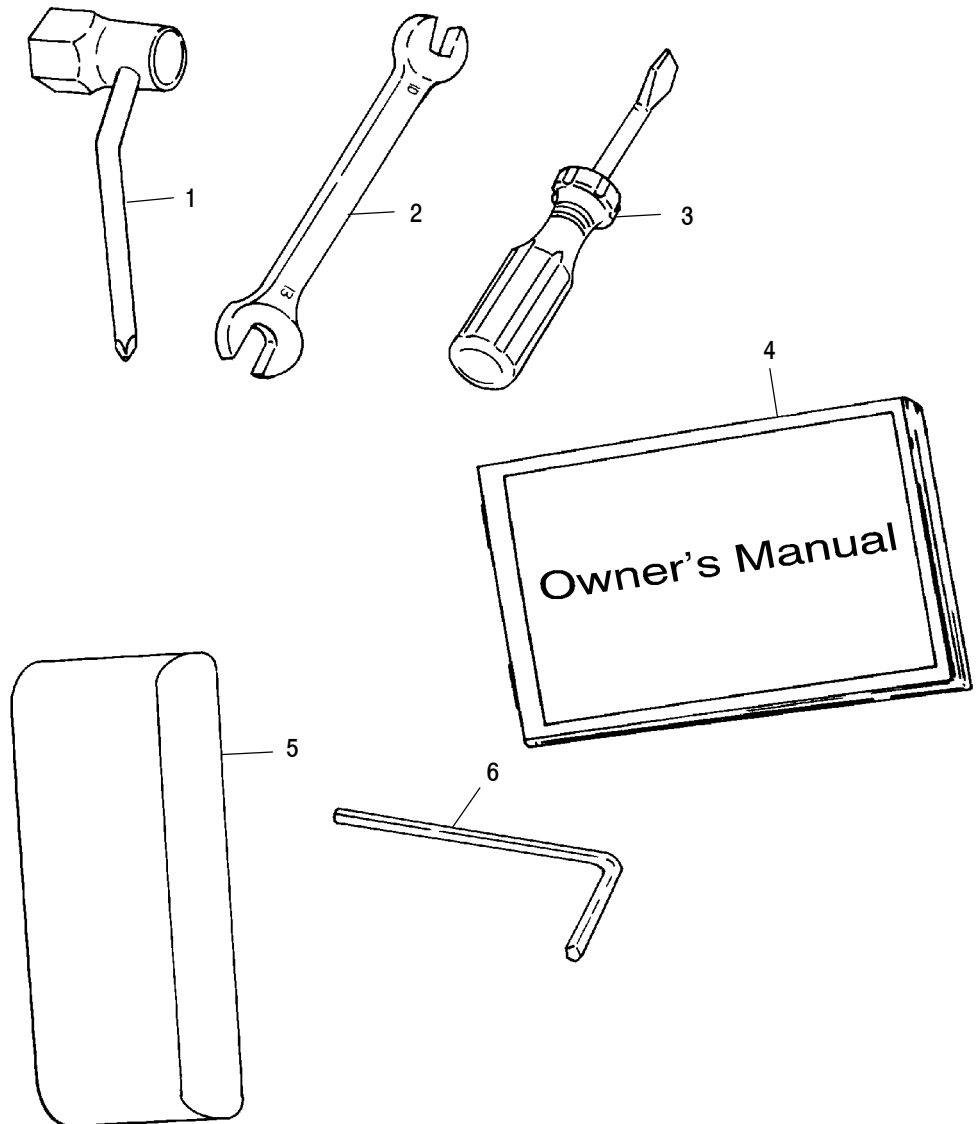
INT'L VIRAGE W005197I



Ref.	Part No.	Qty.	Description
	2872635	1	Kit - Engine Fogging
1	7080138	4	Cable Tie
2	7080484	2	Clamp, Hose
3	7080476	2	Clamp, Hose
4	7052139	1	Fitting, Tee
5	7075738	1	Decal - Engine Primer
6	8450062	AR	Line, Oil
7	3160114	1	Primer, Engine, Fog
8	-----	2	Screw (See Fuel/Water Separator Pg. C10, Ref. 1)
9	-----	2	Washer, Lock (See Fuel/Water Separator Pg. C10, Ref. 2)
10	-----	2	Washer, Dish (See Fuel/Water Separator Pg. C10, Ref. 3)

Ref.	Part No.	Qty.	Description
11	-----	1	Separator, Fuel/Water (See Fuel/Water Separator Pg. C10, Ref. 5)
12	7075732	1	Decal - "Fogging Oil Only"
13	7555837	2	Washer
14	7541931	2	Nut
15	7052047	1	Valve, Check, Vent
16	7052138	2	Fitting, 90 Degree
17	5432362	1	Tank, Oil
18	5810279	1	Gasket, Overflow Cap
19	5432359	1	Cap, Oil Bottle
20	7512045	2	Screw
21	5244295	1	Bracket, Oil Tank

TOOL KIT
VIRAGE W005197D and INT'L VIRAGE W005197I



Ref.	Part No.	Qty.	Description
	2872114	1	Asm., Tool Kit (Incl. 1-6)
1	-----	1	Wrench, Spark Plug
2	-----	1	Wrench, Open End
3	-----	1	Screwdriver

Ref.	Part No.	Qty.	Description
4	9915574	1	Manual, Owners, '00 Watercraft
5	-----	1	Pouch, Tool Kit
6	-----	1	Wrench, Allen, Plated, 3/16



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