



av-1 underwater scooter

For a list of features, precautions, and a description of the av-1 refer to your service manual pages 25-30.

Online schematics should be used whenever possible.

Items requiring mandatory annual replacement:

<u>key # v.5</u>	<u>description</u>	<u>Online Schematic updated 10/02</u>
p. 62 v.5 or print online schematic D		
11	seal (rotation)	#D-11
12	o-ring (seal)	#D-12

Items requiring careful inspection for serviceability before refitting:

p. 62 v.5 or print online schematic D

09	bearing (small)	#D-09
04	bearing (large)	#D-04

p. 60 v.5 or print online schematic C-1

07	o-ring RD(body assy)	#C1-24
08	o-ring BK (body assy)	#C1-25
09	o-ring (propeller housing)	#C1-39
10	o-ring (propeller housing)	#C1-40

special notes:

All parts must pass a visual inspection for serviceability before refitting.

As a part of the annual service the propeller shaft, the shaft bearings and the bearing circlip must be checked for rust and the bearings checked for smooth running. If the propeller shaft (#6) has a wear groove at the knife edge seal point the shaft must be replaced.

All electrical connections, battery terminals, plug sockets, etc. must be free from corrosion. They must also be check tightened. Loose or dirty terminals can create a spark and result in an internal fire if there is hydrogen present from the battery.

Follow all other guidelines laid down in the user manual and or service manual.