

DVS Inventory Card

System Inventory and Accessories Kit

Included with the DVS system:

Kit	Part Number	Name	Description
N/A	DVSII	Doppler Volume Sampler (DVS) system.	 <p>DVS 750 meter and DVS 6000 meter models shown with optional IMM and mooring kit. The DVS battery pack is shipped inside the system but not connected.</p>
DVSII-A Accessories Kit	MRDI1021	Shipping Case	Shipping case with foam inserts.
	73B6023-006	Test Cable	Used to connect to the system
	90Z-8000-00	Marine Measurements CD	This CD has the DVS software and a PDF version of the DVS software User's Guide. Please read the manual!
		RDI Tools Software	Utility programs for testing and data handling.
	WinADCP Software	Post-processing software for graphical plotting and data output of ADCP binary data files.	
75BK 6034-00 DVS	90Z-8000-00	Marine Measurements CD	This CD has PDF versions of all of the DVS documentation including the DVS Operation Manual. Please read the manual!
	95B-6068-00	DVS Quick Reference Card	Printed quick reference card that shows snap shots of the DVS software during set up and communication setup. A PDF version is included on the documentation CD.
75BKxxxx-00	75BK6017-00 or 75BK6050-00	Tools and Spare Parts kit	See below for a list of parts included in the Tools and Spare Parts kit.



This list does not include optional equipment such as upgrade kits, CTD, CTD mounting kit, or underwater cables. See the packing slip included with the system for information.

Tools and Spare Parts

The 75BK6017-00 (standard) or 75BK6050-00 (systems with pressure sensor) Tools and Spare Parts kit contains:

Part Number	Description	Where Used
2-233	2-233 O-rings	The housing O-rings (one each end) prevent the system from flooding.
5020	Silicone lubricant, 4-pack	Lightly coat the 2-163 O-ring with lubricant before installing the O-ring on the housing.
DES2	Desiccant bag	Used inside the housing to prevent water condensation.
5503A39	3mm Hex key	Used to attach the end-cap to the housing for standard systems.
7299A17	4.5mm Nut Driver	Used to attach the end-cap to the housing for systems that include the pressure sensor.

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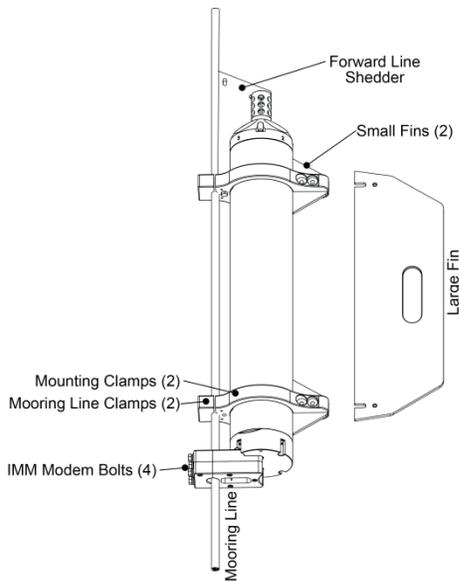
Optional Mooring Kits



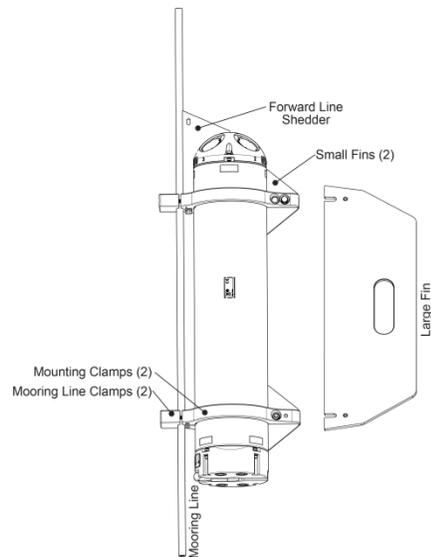
See the DVS operation manual Chapter 2 for assembly instructions and torque settings for the mooring kit hardware.

DVS	Part Number	Description
750 Meter	75BK6018-00	KIT, MOORING, W/ THERMISTOR, DVS-750 , W/SMALL FIN FOR 9.5-19MM CABLE
	75BK6018-01	KIT, MOORING, SENSOR, DVS-750 , W/ SMALL FIN FOR 9.5-19MM CABLE
	75BK6037-00	KIT, MOORING, W/ THERMISTOR, DVS, LARGE FIN, 9.5MM-19MM CABLE
	75BK6037-01	KIT, MOORING, SENSOR, DVS, LARGE FIN, 9.5MM-19MM CABLE
	75BK6038-00	KIT, MOORING, W/ THERMISTOR, DVS, LARGE FIN, 5MM-8.5 MM CABLE
	75BK6038-01	KIT, MOORING, SENSOR, DVS, LARGE FIN, 5MM-8.5MM CABLE
	75BK6039-00	KIT, MOORING, W/THERMISTOR, DVS, SMALL FIN, 5MM-8.5MM CABLE, DVS 750
	75BK6039-01	KIT, MOORING, SENSOR, DVS, SMALL FIN, 5MM-8.5MM CABLE, DVS-750
6000 Meter	75BK6028-00	KIT, MOORING, DVS-6000, W/SMALL FIN FOR 9.5-19mm CABLE
	75BK6031-00	KIT, MOORING, DVS-6000, W/LARGE FIN FOR 9.5-19mm CABLE
	75BK6033-00	KIT, MOORING, DVS-6000, W/SMALL FIN FOR 5mm-8.5mm CABLE

- The mounting clamps are keyed to a notch in the housing to provide reproducible orientation to the mooring line. The diameter of the mooring line must be 9 to 19 mm (0.35 to 0.75 inch). There are two mooring line sizes – one for 5 to 8.8 mm cables and another for 9.5 to 19mm cables.
- There are two types of forward line shedders for 750 meter systems – one for DVS with thermistor (shown below) and another one for standard temperature sensors.
- The fins/line shedders are triangle pieces to help keep the DVS from becoming a catch point (for fishing lines and such).
- The large fin can be attached in place of the small fins to help reduce instrument vibration should the mooring line start strumming.
- Kits include all required mounting hardware: five M6 bolts, eleven M6 flat washers, nine M6 split washers, two M6 nuts, and four IMM modem bolts. Follow the assembly instructions and torque settings for the hardware as shown in the DVS operation manual, Chapter 2.



750 Meter DVS



6000 Meter DVS