

Seaeye Falcon Running Lock-Latch System

The Falcon Running Lock-Latch System comprises a Bullet Assembly, that replaces the vehicle's standard umbilical attachment point, and a Lock-Latch Assembly that can be used in combination with a lifting winch to launch and recover Falcon ROVs without putting strain on the ROV umbilical. This is ideal for use on oil rigs or from other elevated launch sites.

Some operators leave the lock-latch in the water following release of the ROV to act as a clump weight below the splash zone helping to keep the umbilical clear of the ship's propellers and thrusters.

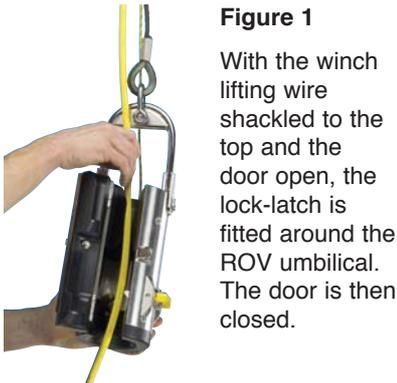


Figure 1

With the winch lifting wire shackled to the top and the door open, the lock-latch is fitted around the ROV umbilical. The door is then closed.

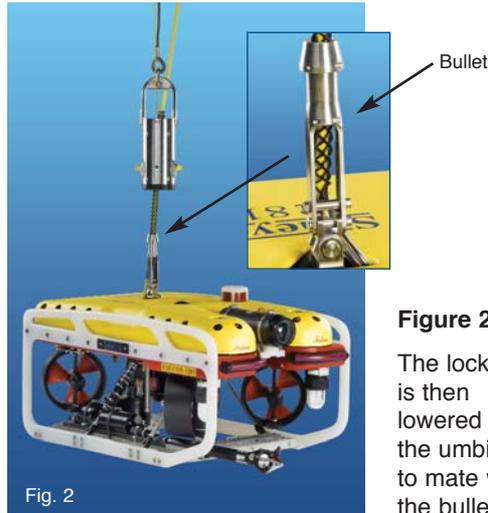


Figure 2

The lock-latch is then lowered down the umbilical to mate with the bullet.

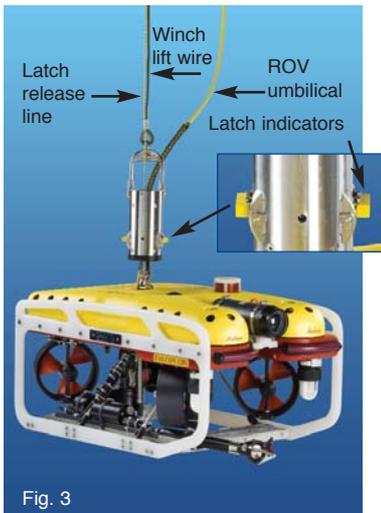


Figure 3

When the internal spring loaded latches (or 'dogs') are fully engaged with the bullet on the ROV, two latch indicators click into the horizontal position to indicate that it is safe to lift the ROV.



Figure 4

Figure 4

The weight of the ROV can now be taken on the winch wire and the ROV can be lifted. The umbilical is allowed to go slack.



Figure 5

Figures 5 & 6

When the ROV has been launched into the water or recovered on deck the line is pulled to release the latches and free the ROV from the lock-latch.

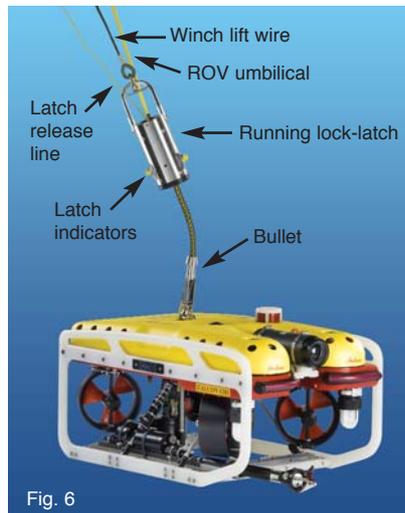


Figure 6



Bullet Assembly

Lock-Latch Assembly

ORDERING INFORMATION

Part Number:
LATCH 01

Description:
Falcon Running Lock-Latch System

Comprising:
P05449 Falcon Lock-Latch Assembly
P05484 Falcon Bullet Assembly
- Load Test Certificate

Notes:

This product is suitable for both Seaeye Falcon and Falcon DR ROVs.

Load tested to 360 kg.



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