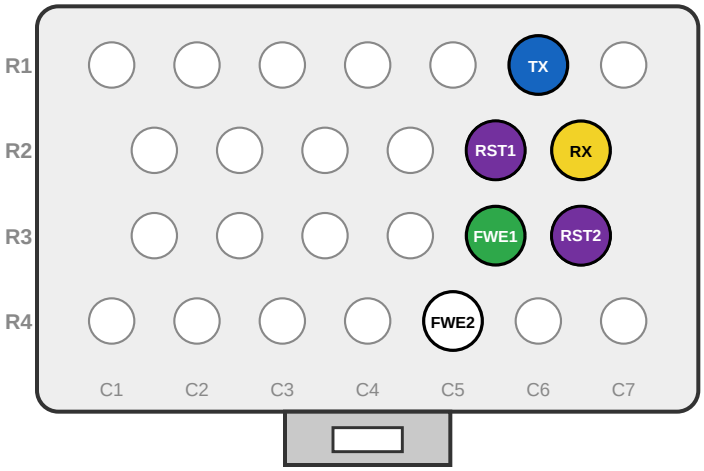
OBH-VMX17 On-Bike Harness

6-pin programming plug -> 26-way TE Superseal 1.0 ECU connector | ECU installed on the bike

On-bike / ECU in place

1. Cavity map - 26-way Superseal (wire-entry side)

Rows top-to-bottom, columns left-to-right. Lock tab on top.



LATCH / CATCH

secures the connector to the ECU - press to release

Two different tabs - do not confuse:
WHITE tab (top) = terminal lock; open to insert pins.
LATCH (bottom) = holds plug in ECU; leave alone.

Black lead - battery ground:



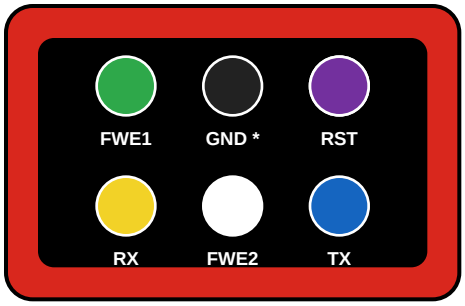
ring terminal -> battery NEGATIVE post

(or clean bare-metal chassis ground)

This lead does NOT go into the 26-way connector.

2. Programming plug (6-pin) & wire colors

Wire-entry side, looking at the leads.



Wire	Signal	Superseal cavity
Black	**GND**	* ring terminal to battery
Blue	**TX**	R1 C6 (TX-PC)
Yellow	**RX**	R2 C6 (RX-PC)
Purple	**RST**	R2 C5 + R3 C6
Green	**FWE1**	R3 C5
White	**FWE2**	R4 C5

The two purple leads share RST.
One goes to RST1 (R2 C5), the other to RST2 (R3 C6).
Both are prepared on the supplied harness.

*** BLACK does NOT enter the ECU connector. Attach the supplied ring terminal to the battery negative post.**

NO +12V lead on the bike - the ECU is already powered. R1 C7 and R4 C7 stay EMPTY.

3. Installation steps

1	**Ignition OFF**	Turn ignition off before working on the ECU connector. The supplied harness has six crimped terminals and a ground ring terminal; do not split or recrimp these prepared leads.
2	**Two purple leads**	The two purple RST leads are already joined in the harness. One goes to RST1 (R2 C5), the other to RST2 (R3 C6).
3	**Unlock the housing**	Press the WHITE secondary-lock tab DOWN on the Superseal housing to free the terminal cavities. Do not insert terminals with the tab locked.
4	**Orient the housing**	Hold the wire-entry side toward you, lock tab on top and latch on the bottom. Count rows top-to-bottom and columns left-to-right, exactly as shown in the map.
5	**Insert terminals**	Six terminals: Blue R1C6; Yellow R2C6; Purple R2C5 and R3C6; Green R3C5; White R4C5. Keep R1C7 and R4C7 empty. Do not add a 12V lead.
6	**Re-lock**	Return the white tab to the locked position. If it will not seat, check for a terminal that is not fully home. Never force the lock.
7	**Ground the black lead**	Attach the supplied ring terminal to the battery NEGATIVE post or a clean bare-metal chassis ground. The black lead never enters the Superseal housing.
8	**Reconnect the ECU**	With ignition OFF, seat the ECU connector and confirm the latch clicks home. Check every connection, then turn the ignition on.
9	**No communication?**	With ignition OFF, verify TX/RX orientation before swapping blue and yellow. Check that the ring terminal is tight on bare metal; turn the key on to retry.

Terminal: TE Superseal 1.0 socket (e.g. 3-1447221-3) + wire seal. Verify the cavity map against your ECU with a meter before applying power.

Rev B