

**Packing list for:**  
**KTM 1190 & 1290 CAN-BUS Patch Harness**  
**MCS 6582TBW CAN-BUS Patch Harness kit**

**Pack in large poly bag**

<b><u>Qty</u></b>	<b><u>Part Number</u></b>	<b><u>Description</u></b>
1	MCS 6582TBW	KTM CAN-BUS patch harness
2	CT150	150mm cable ties
1		Paper clip (terminal insertion tool).





**Motorcycle  
Electronic Cruise Control  
Patch Harness  
Installation Manual ©**

**For KTM 1090, 1190 & 1290  
CAN-BUS patch harness**

**1 October 2024**

**MOTORCYCLE CRUISE CONTROLS**

**MotorCycle Setup Pty. Ltd.  
A.B.N. 94 798 167 654  
AUSTRALIA**

## PATCH HARNESS INSTALLATION

Remove the passengers and riders seats from the bike.

The patch harness supplied in this kit allows both the cruise control and a CAN-BUS dongle to be connected to the bike's diagnostic plug at the same time.

This patch replaces the CAN-BUS part of the cruise control wiring harness that connects to the bike's CAN-BUS diagnostic plug.



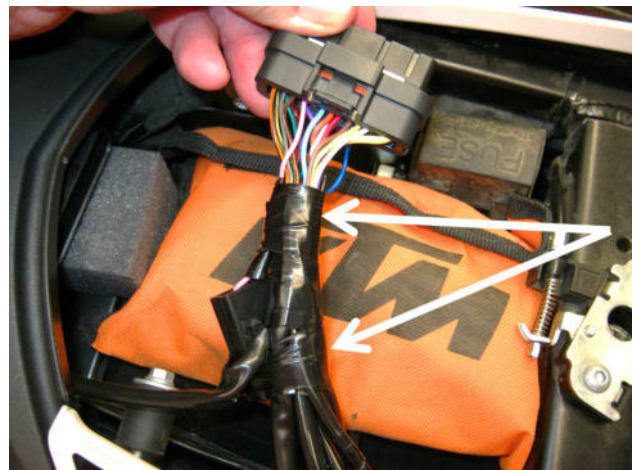
### **Make sure the bike's ignition is off.**

Disconnect the cruise control wiring harness plug from the cruise control computer (left arrow).

Disconnect the plug from the bike's diagnostic connector (right arrow).

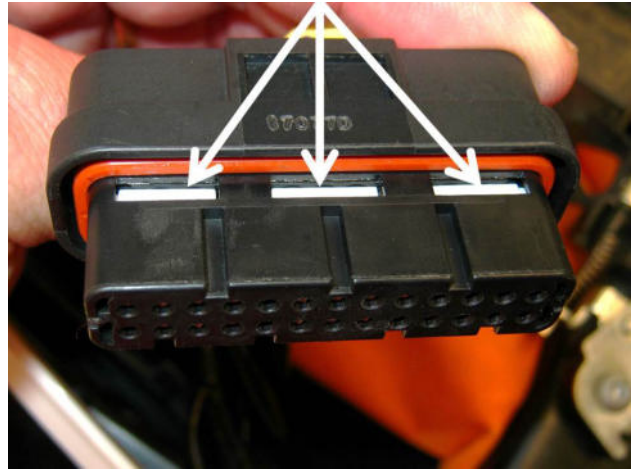


Remove the tape from the wiring harness so all the branches of the harness can be separated.

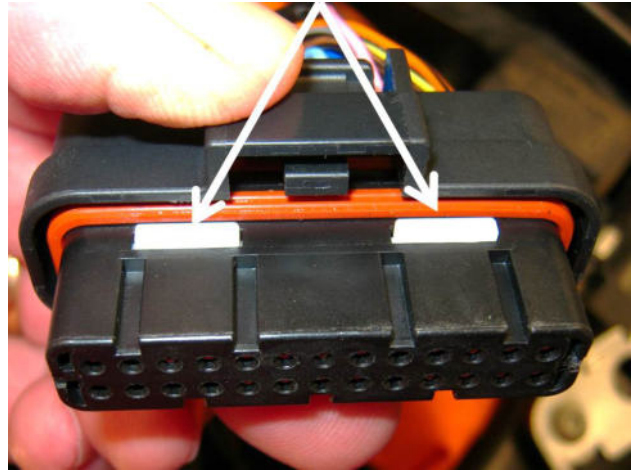


Push down on the three white rectangles on the bottom side of the harness plug, they will push in about 3mm (1/8").

NOTE: - This releases the terminals, take care not to pull the wires and terminals out of the plug.

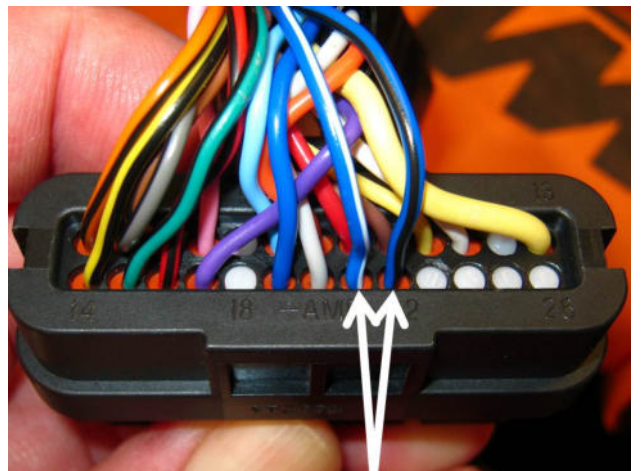


The two white rectangles on the top side of the plug will be raised about 3mm (1/8")

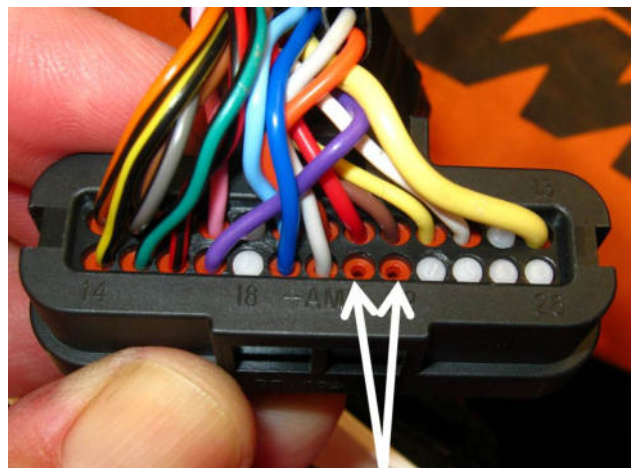


Gently pull the blue/white and blue/black wires and terminals in positions 21 and 22 to remove them from the plug.

Remove the CAN-BUS (diagnostic plug) branch from the cruise control wiring harness.



The empty holes left by the two wires.

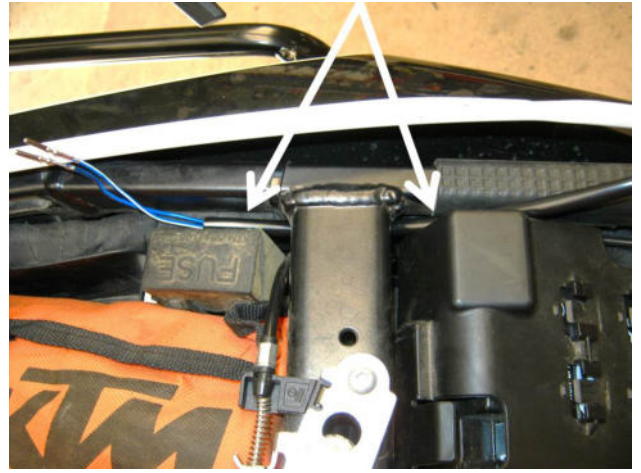




MotorCycle Cruise © - KTM 1190 & 1290 CAN-BUS Patch Harness

Carefully look at the best way to route the new patch harness from the diagnostic plug to the cruise control harness plug.

Routing the wire UNDER the frame at this point is just a suggestion.

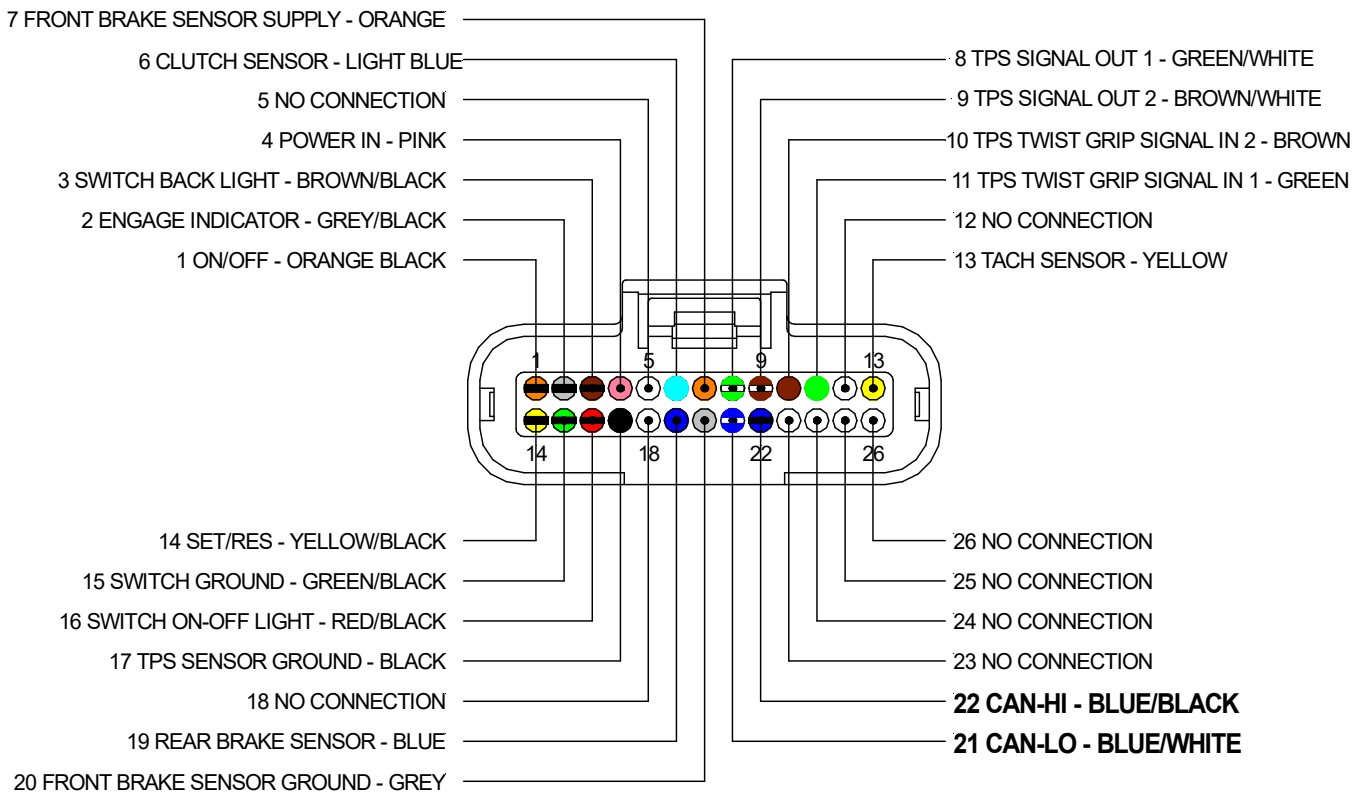
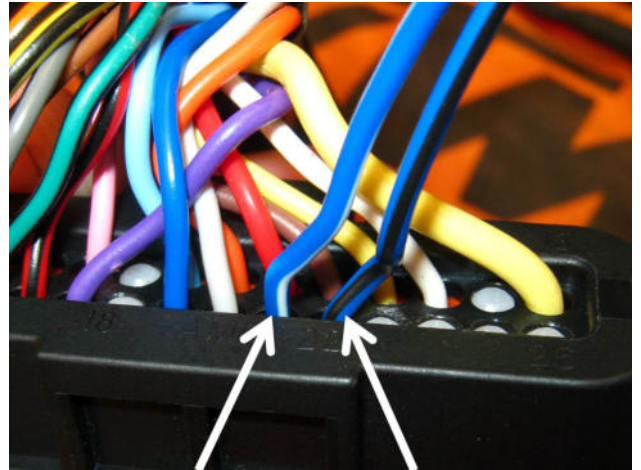


Insert the wires and terminals into the cruise control computer plug.

The blue/white wire MUST go into position 21.

The blue/black wire MUST go into position 22.

See the diagram below.

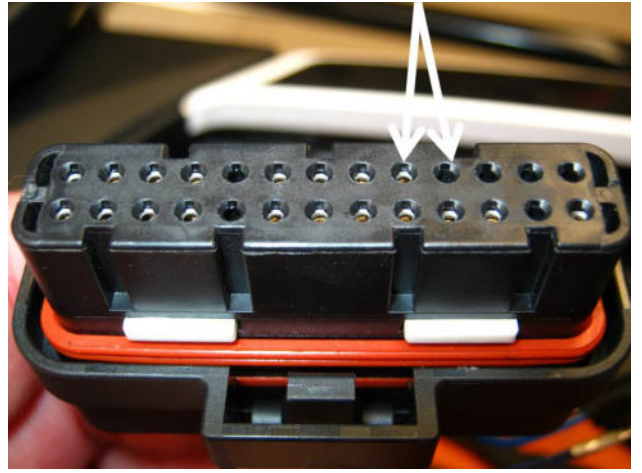


VIEW FROM BACK (WIRE ENTRY SIDE) OF HOUSING

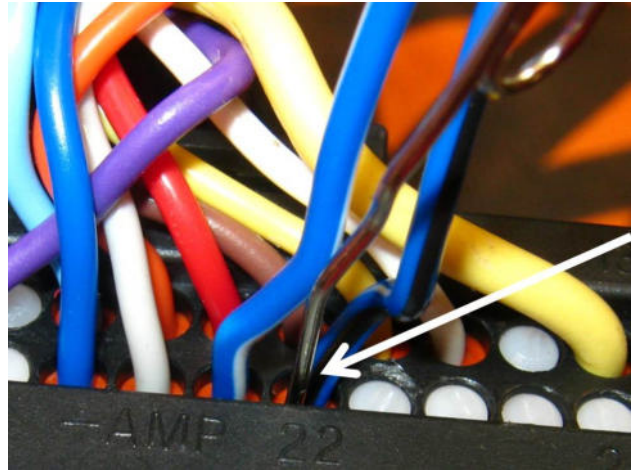
Check that the terminal is pushed in all the way.

This photo shows that you can see the end of the terminal when it is fully inserted.

Make sure that the terminal is visible in all holes fitted with a wire.



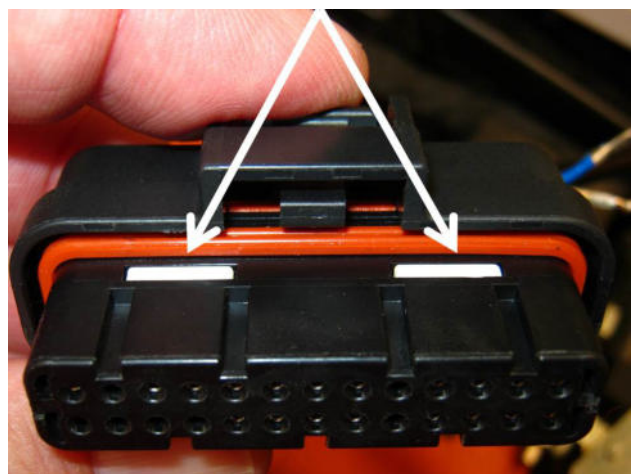
If you can't push the terminal all the way, use the supplied paper clip. Unbent the clip, insert the end of the clip next to the wire so it pushes on the end of the terminal, and push the terminal in.



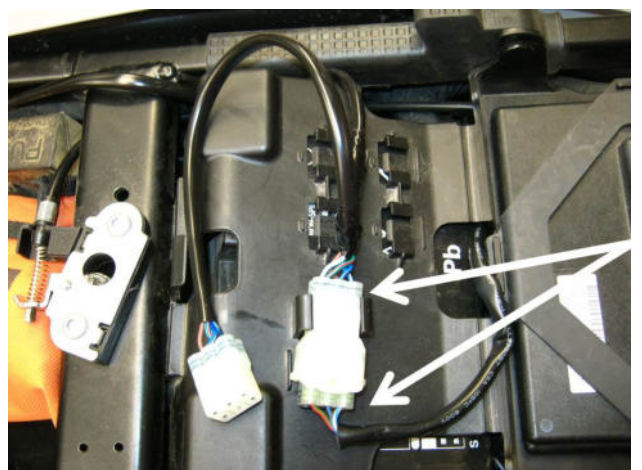
Push the two white rectangles back down flush to 'lock' the terminals in place.

**NOTE: - The terminal lock will not go down unless all the terminals are fully inserted. If the lock won't push down easily, check that all terminals are fully inserted.**

**Re-tape the wiring harness.**



Connect the bikes diagnostic plug to the plug on the patch harness (arrows).



**NOTE; - Test ride the bike and test the cruise control before connecting the CAN-BUS dongle to ensure that the bike and cruise control are working normally.**

The spare plug can be connected to a CAN-BUS dongle (arrow)

Connect the dongle AFTER testing the 'normal' connection of the cruise control has been tested.

