



VIDEO IN-MOTION INTEGRATION FOR SELECT BMW VEHICLES 2012-UP

VIMBM-86B

BMW

2012-2015 1 Series
2012-2015 3 Series
2012-2014 5 Series
2012-2014 X3
2012-2014 X5

APPLICATION NOTES:

WORKS FOR:

NBT 10.2" Radio Displays

Contact Tech Support for more information.

PARTS INCLUDED

(1) BM-86B Interface Module
(1) BM-86B 40-Pin Harness
(1) Instruction Sheet

SAFETY PRECAUTIONS

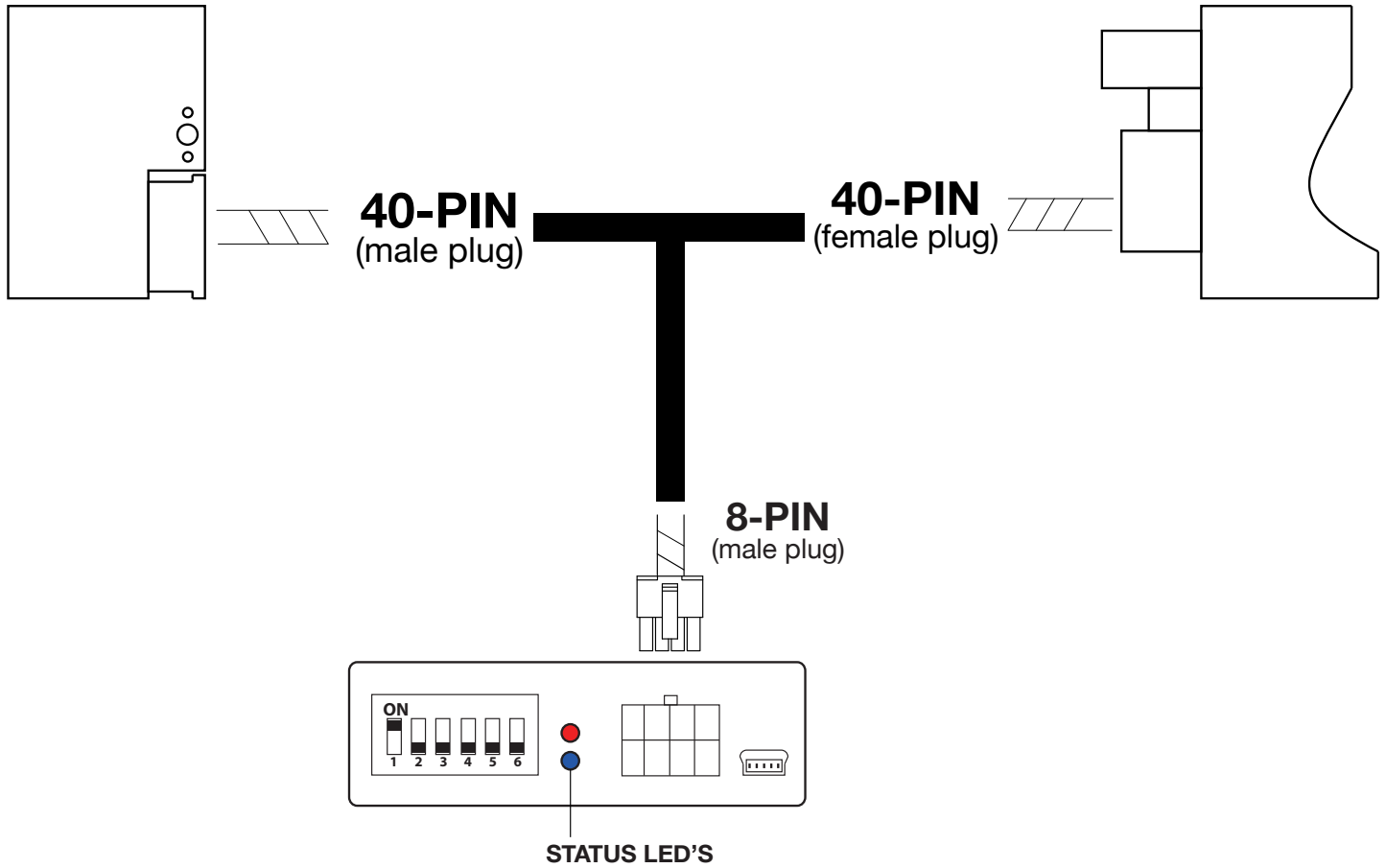
1. Please read through the entire instruction manual before starting any of the installation procedures.
2. We recommend disconnecting the negative side of the battery until ready to code the vehicle.
3. Do not install any of the main modules near any major components or near the HVAC system, as placing items near the HVAC may cause damage or overheating to the vehicle or interface.
4. We recommend not disconnecting any of the air bag connections behind the dash panels.
5. This product is under Crux's 1 year manufacturer's warranty. Warranty may be voided in the case where the device shows proof of being opened or improper extreme force.

TECH SERVICES

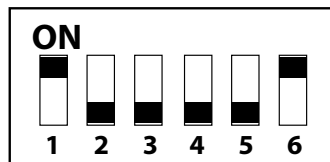
All our products are manufactured under strict quality control. Each device is being tested before shipment. If nevertheless do occur problems or if you have technical questions, contact us directly:

Crux Interfacing Solutions Tech Support
1 (855) 822-1348 (Mon - Fri - 9:00 AM - 5:00 PM) Pacific Time

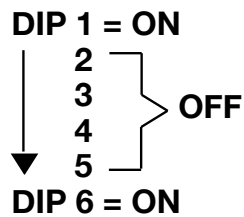
INSTALLATION OVERVIEW



DIP SWITCH SETTINGS OVERVIEW



**ACTIVATE
VIDEO
IN-MOTION**



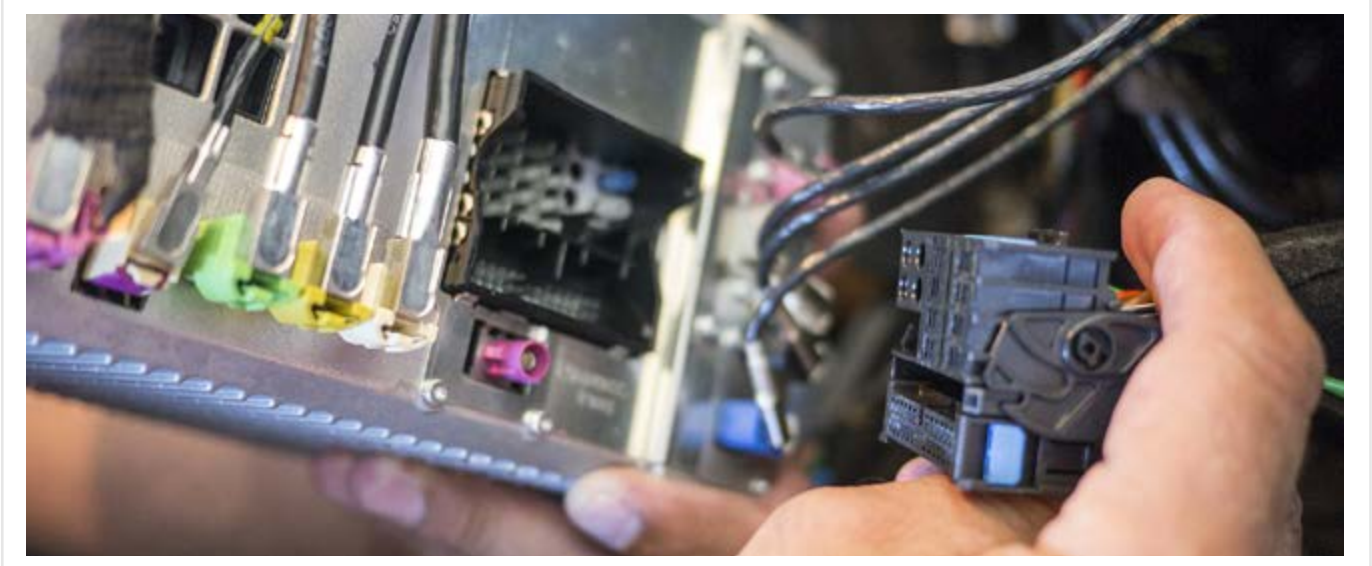
CONNECTING THE INTERFACE

Follow these steps to properly install the interface module.

Step 1 - Remove the RADIO portion of the system to gain access to the factory 40-PIN Harnesses. You will NOT have to get behind the factory display.



Step 2 - Once behind the RADIO, remove the factory 40-Pin Quadlock connector.



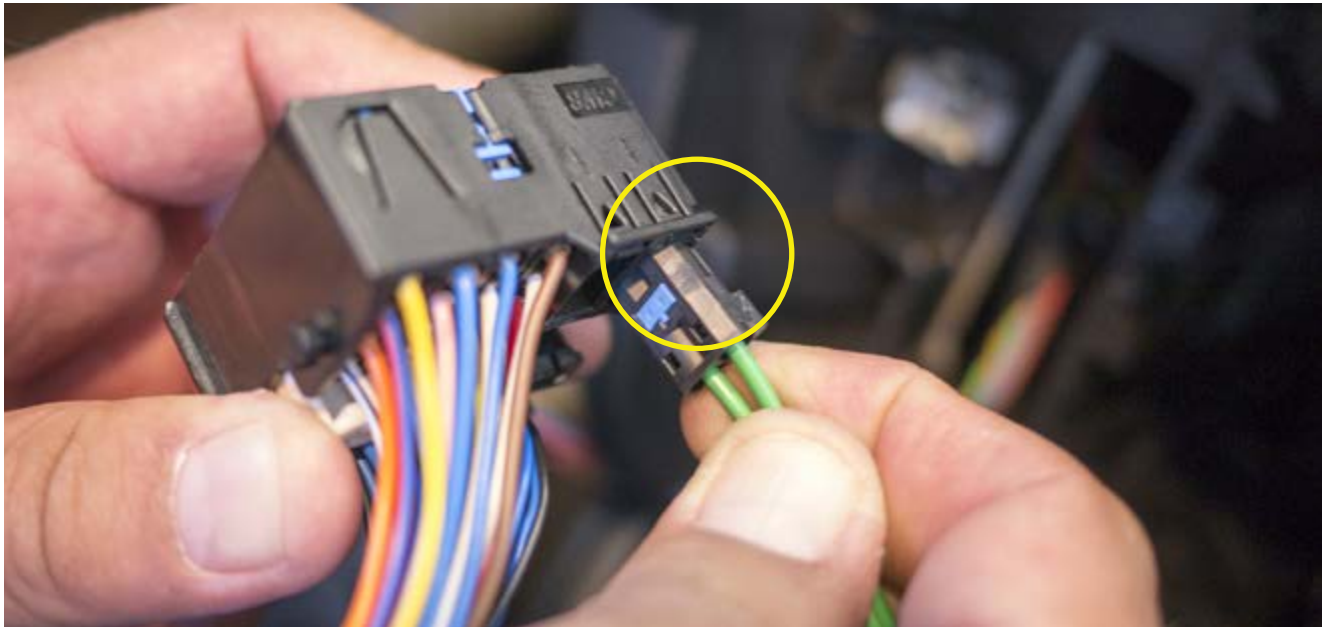
CONNECTING THE INTERFACE

Follow these steps to properly install the interface module.

Step 3 - On the factory 40-Pin connector, remove the factory Fiber-Optic cables. Lift the clip to release the fiber optic connector.



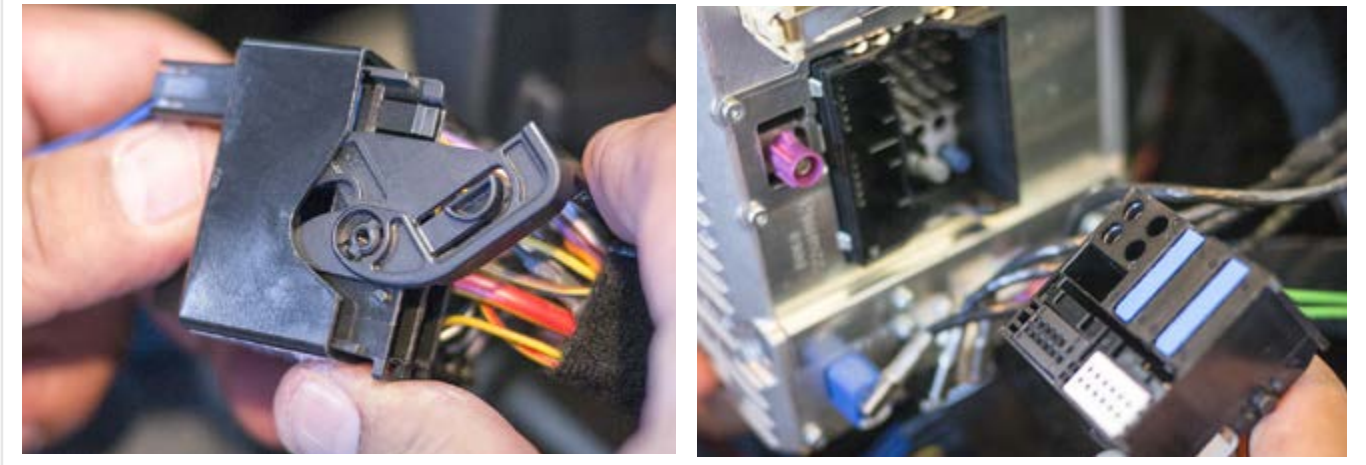
Step 4 - After removing the factory Fiber-Optic cables, re-insert the Factory fiber optic cables into the CRUX T-Harness. Make sure to insert the fiber optics into the first slot from the outside.



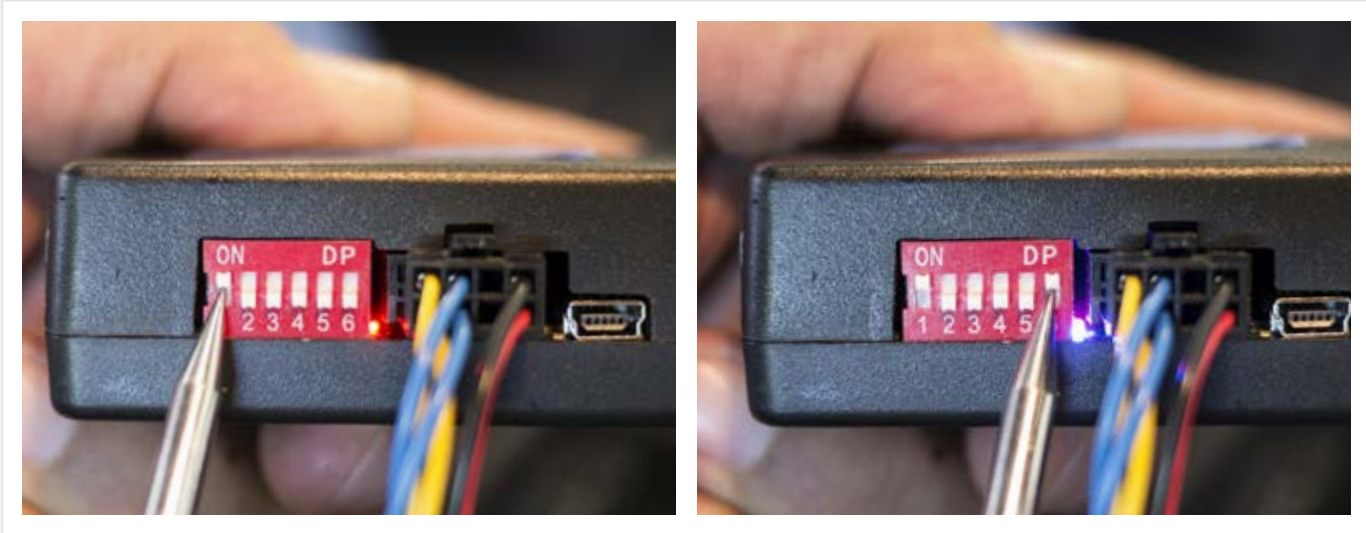
CONNECTING YOUR DEVICES TO THE INTERFACE

Follow these steps to properly install the interface module.

Step 5 -After making the Fiber-Optic connections, mate the T-Harness. One end goes to the factory 40-Pin harness and the other end goes to the factory Radio. Our 40-Pin will NOT have a latch to lock, but will not move out of place.



Step 6 - Connect the 8-Pin connector to the module and switch dip switches number 1 and 6 to ON.



DIP SWITCH DESCRIPTION

IF NOT USING THE INPUT, PLACE TO OFF



DIP 1 = Video In-Motion Enable

DIP 2 = Not Used

DIP 3 = Not Used

DIP 4 = Not Used

DIP 5 = Not Used

DIP 6 = CAN Termination

LED INDICATORS

BLUE LED:

ON = Power On

OFF = Power OFF

After each change of the DIP switch settings, we recommend powering down the module, then restarting the vehicle.

ACTIVATING THE VIDEO IN-MOTION DOES NOT EFFECT THE FACTORY REAR-VIEW CAMERA, GPS, PARK ASSIST, OR OTHER VEHICLE INFORMATION

TESTING THE INTERFACE

Make sure to test the interface while the vehicle is in motion.

Step 1 - Use the features on the factory display to test the interface module. Using the factory video source while driving the vehicle will be the fastest way to test the interface.



COMPATIBLE RADIOS: 10" Screen Radios

