

USER'S GUIDE

EURO SPEC

Thank you for purchasing PIVOT 3-DRIVE for BMW / MINI.
Please read both this specialized manual and the 3-DRIVE manual carefully and after reading store in a safe place.
Please do not lose this user's guide, as you will held liable for the cost of reissuing it.

Please check the contents of the package



CAUTION Improper use or disregard of these warnings may result in the injury or death of people.

- When carrying out work on the car make sure to turn off the engine, put into Park or Neutral and apply the emergency brake.
- Make sure to position and fasten all units and cables in such a way as to not cause any interference with driving.
- This product is designed for use with 3-DRIVE. Do not use with another company's product or try to modify the unit in any way; doing so poses danger and may cause malfunction and/or damage to your automobile.
- Improper use may lead to "stoppage of engine", "sudden lurches forward" and other dangers; make sure to thoroughly read and understand the User's Guide before using this device.

NOTE Improper use or disregard of these warnings may cause injury to persons, damage the product and / or other things.

- PIVOT Corporation accepts no responsibility, in any manner whatsoever, for damage and/or trouble to your vehicle or product, nor for any accidents that are the result of the misuse of this product.
- To properly install this product requires specialized knowledge. If you are unsure about anything, please consult a professional at your local dealer.
- Make sure to fasten the connector in an area that is not exposed to water.

Notes for Some Car Model Types

BMW In some models the OBD2 coupler may be unsightly. If this is the case, please see point 2 on page 3 of the [3-DRIVE User's Manual] about how to wire directly to the fuse box for power and earth.

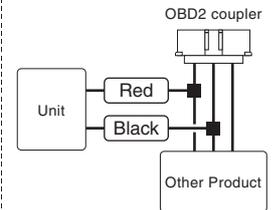
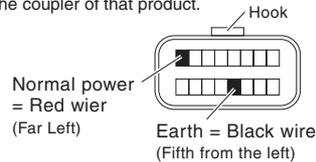
MINI Because the display is interlocked with the ECU (engine computer) power, the display will remain on for some time even after the engine has been turned off. If operating properly, this will not affect the car's battery or power. Moreover, re-starting again while the display is still on will not cause any problems or trouble.

Time to lights turn off: R50/53 model = about 5 minutes,
R56 model = about 10 minutes

Notes for All Models

Combined use with other Diagnostic Monitoring Connector Products

It is possible to use in combination with other diagnostic monitoring connector products. For power, connect the cable to the same terminal on the coupler of that product.

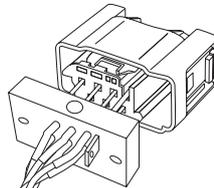


From Installing the Specialized Harness to making Initial Settings

Please follow the directions from installing the specialized harness to the making of the initial settings in the exact order as outlined below.

1 Make sure to carry out all work in a well lit area

Please carry out the inserting of the connector in a well lit place. (If carrying out in a dark place, please use a flashlight for a better view.)



2 Turn the engine off and remove the accelerator pedal

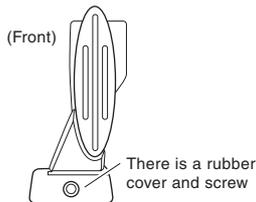
To ensure that the specialized harness is installed properly, make sure to only carry out the installation after the accelerator pedal has been disconnected. (See below for details)

Common Example of How to Remove Accelerator Pedal ※ If different from shown below contact your dealer for advice.

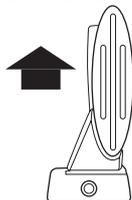
Type A

Examples of Car Models;
BMW E85 · E87 · E60,
BMW MINI R56 etc.

① Remove the rubber cover from the bottom of the accelerator pedal and unscrew the screw.

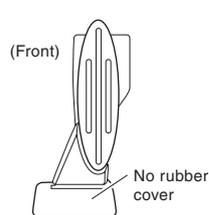


② Pull off towards the top.



Type B

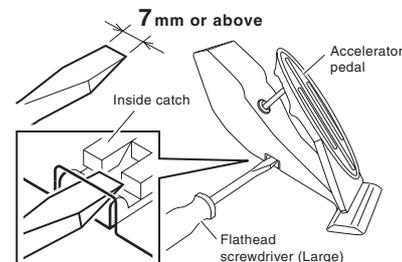
Examples of Car Models;
BMW E46,
BMW MINI R50 · R53 etc.



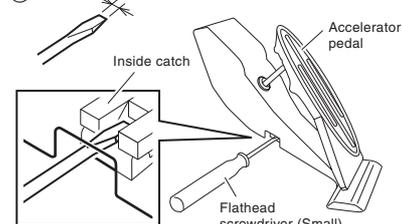
③ With a thinner flat-head screwdriver (6mm or less), insert into the same place as in ①.

④ Lifting up as in ② with the screwdriver, slide the pedal further to the left and then pull completely off.

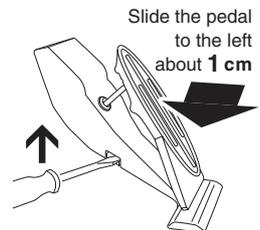
① Dislodge the catch on the left side of the accelerator pedal with a wide (7mm or above) flathead screwdriver.



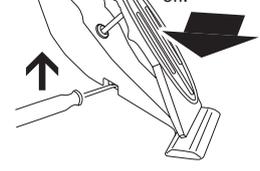
③ With a thinner flat-head screwdriver (6mm or less), insert into the same place as in ①.



② Lift up with the screwdriver and slide the pedal to the left about 1 cm.



④ Pull completely off.



3 Only disconnect the accelerator connector after having waited at least ten minutes from the time that the key was turned OFF

After the engine has been stopped for at least ten minutes, pull off the accelerator connector by pressing on the hooks on the sides of the connector (female side).

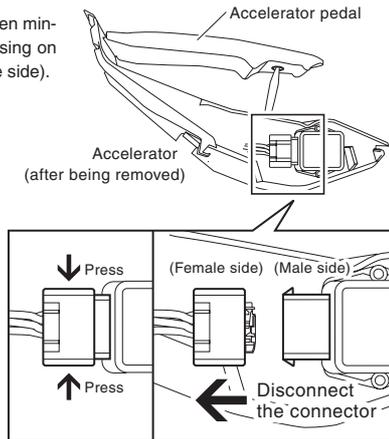


Turn the key to OFF

Passage of over 10 minutes

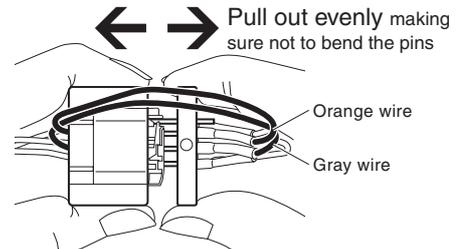


Depending on the type of vehicle, if the connector is disconnected before the ECU power is switched OFF the Check Lamp may go on.
(How to turn off the Check Lamp)



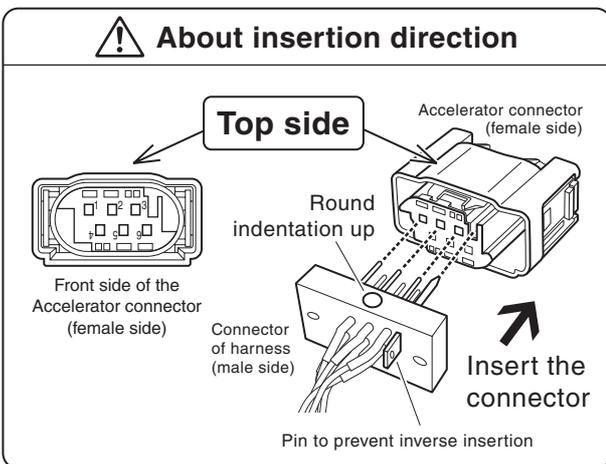
4 Disconnect the male and female connectors on the specialized harness

To prevent the male pins on the connector from getting bent during transport, each connector is already connected. Make sure to pull apart evenly so as not to bend any of the pins on the male side of the connectors.

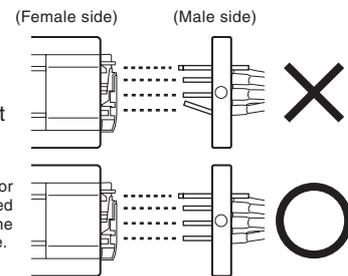


※ With the orange and gray wires, which connect the male and female sides of the connector, at the top of the connector pull the connector apart.

5 Insert the male side of the specialized harness into the female side of the accelerator connector

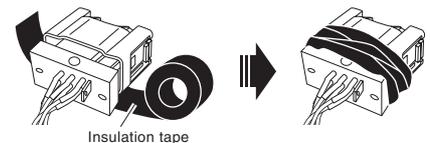


If any of the pins on the male side are bent and cannot be connected properly, correct the bent pins and insert.

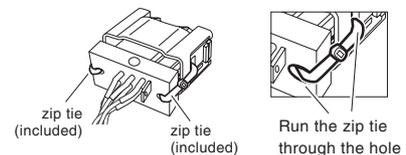


Inserting with bent pins may result in poor connection and when the engine is started this may cause the check lamp to come on and the vehicle to go into safety mode.
(How to turn off the Check Lamp)

※ To protect the connector, fasten by wrapping insulation tape around it.

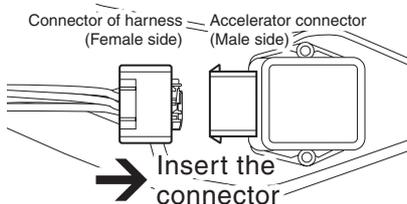


※ If you do not have insulation tape, please fasten using the zip tie that is provided in the package.



6 Insert the female side of the specialized harness into the male side of the accelerator connector

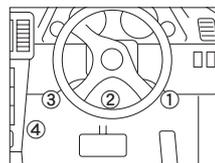
Make sure to completely insert the male side into the female side of the harness until the hook locks.



7 Connect to Power

Carry out the power connection instructions as written on page 3 of the separate "3-DRIVE User's Manual".

[Data] Placement diagram for diagnostic monitoring connector



- ① At the right foot of driver seat in the center (with lid)
- ② At foot of driver seat in the center
- ③ At the left foot of driver seat in the center (with lid)
- ④ At the right side of the passenger seat

8 Carry out the Initial Settings

Carry out the initial settings instructions as written on page 5 of the separate [3-DRIVE User's Manual].

Without carrying out the Initial Settings, the controllers will not work properly.

How to turn off the Check Lamp and lift from Safety Mode

If all is carried out properly the Check Lamp should not come on, but if for reason it does, please carry out the following to solve the problem.

- ① Under normal conditions, start and stop the engine several times.
- ② If that does not turn of the lamp, please consult your local car dealer and have them turn it off.



Turn the key to OFF



Key ON (Engine start)

