

OB-22W MANUAL

OBD 2-Way Splitter

Thank you for purchasing the OB-22W OBD 2-Way Splitter. Please read this manual in its entirety before using the product. Be sure to store this manual in a safe place, as you may need to reference it in the future.

Ver. 01172017

PRODUCT WARRANTY CLAIM

PRODUCT DESC.:	OBD 2-Way Splitter	MODEL:	OB-22W
Warranty Period:	6 Months (validated only by dealer and/or dated proof of purchase)		
Date of Purchase*:	Year: , Month: , Day:		
Customer Info.*:	Name:		
	Address:		
	Phone:	Email:	
Seller Info.*:	Name:		
	Address:		
	Phone:	Website:	

* Please fill in these marked sections above completely.

Approval Stamp

NOTE: Warranty Claims not accepted without valid Approval Stamp and/or dated proof of purchase.

Manufacturer: KIRAMEK, Inc.
9-183-1 Itayama-cho,
Handa-shi, Aichi-Ken 475-0936 JAPAN

Contact TEL: +81-569-20-5585 (Operating Hours (ex. Sat./Sun./Holidays):
10:00AM ~ NOON, 1:00PM ~ 4:00PM)

PRECAUTIONS

PLEASE READ THOROUGHLY BEFORE USE

WARNING

After connecting the OB-22W harness and mounting it to the car, take care that it does not come in contact with the vehicle's moving parts, especially the brake and accelerator pedals. Failure to comply with this may result in an electrical short, fire, or vehicle breakdown that could result in bodily injury and/or property damage.

DANGER

Mishandling may cause bodily harm!

- This product was designed for use with our firm's DIGI-LINK CAN-BUS products. When attaching third-party devices to the OB-22W, you must ensure those devices will not draw more electric current than specified by your vehicle's OBD wiring (usually 7A or less).
- NEVER attempt to modify the harness, as such could result in a short and bodily harm.
- Connect the OB-22W only in accordance with this MANUAL.
- This product is not waterproof, splash-proof, or dust-proof. Take care to prevent water, dirt, oil and other impurities from entering the product; otherwise malfunction to the product could occur, as well as vehicle damage and possible bodily harm.

NOTE

Product or vehicle failure could result from ignoring the following:

- This product is primarily intended for use on select Japanese vehicles within Japan.
- Our company shall not be held liable for traffic accidents that occur with the OB-22W installed.
- Specifications of this product are subject to change without notice.
- NEVER exceed the electrical specification of the harness wires and OBD plug when attaching third party devices to the OB-22W.
- We do not guarantee that all OBD devices you attach will be compatible with each other.

IMPORTANT

- When using the OB-22W in conjunction with 3rd party products from another firm, take care when attaching 3rd party devices to the OB-22W which draw many amps of current. Such could result in large voltage drops that may temporarily impair one or more of your OBD devices.
- There may be some vehicles in which the factory plastics or upholstery interferes with the proper mounting of the OBD plug on the OB-22W. **Carefully examine your car prior to purchase to ensure the OB-22W can be mounted in your car to your satisfaction.**

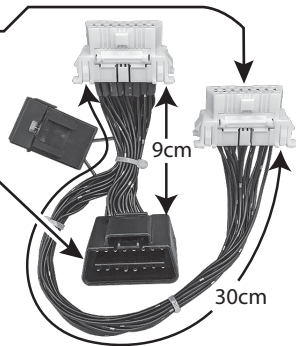
PRODUCT OVERVIEW & INSTALLATION

- Connect **White** plug *furthest* from Black plug to vehicle's factory OBD slot.

- Connect OB-22W's **Black** plug to vehicle's OBD plug.

NOTE

There may be some vehicles in which the factory plastics or upholstery interferes with the proper mounting of the 2 white OBD plugs of the OB-22W.



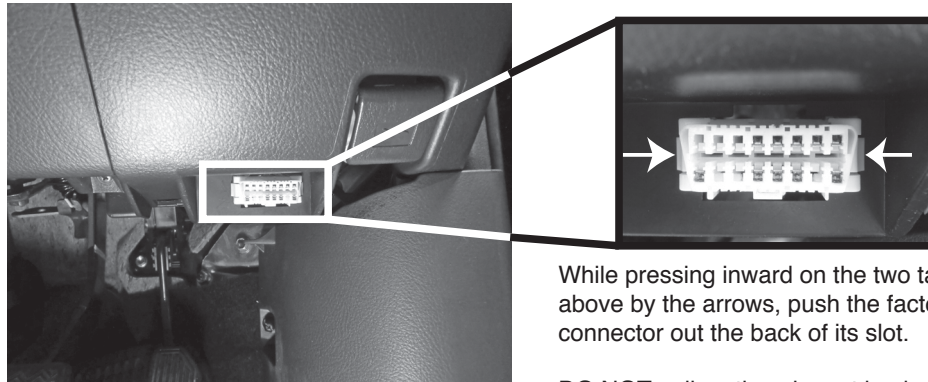
FEATURE HIGHLIGHT#1

All 16 pins of the factory OBD plug are spliced among the 2 white OBD plugs of the OB-22W. This means you can connect any OBD device to either of the 2 plugs, including CAN diagnostic devices and of course DIGI-LINK® products.

FEATURE HIGHLIGHT#2

The wire lengths between each of the OB-22W plugs is different so as to make it easier to choose which plug you wish to mount in the factory OBD slot.

1 Disconnect the Factory OBD from Slot

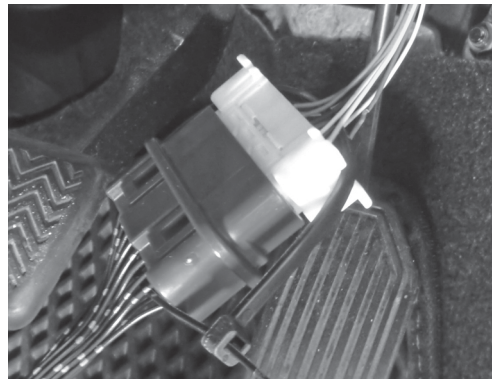
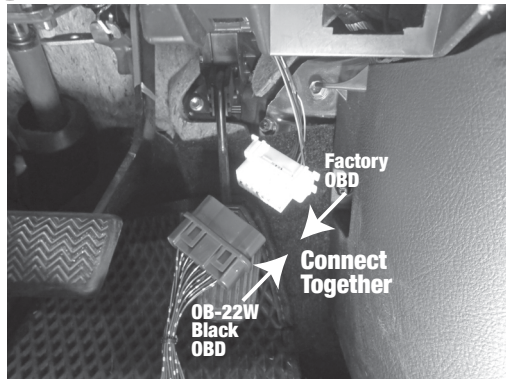


NOTE. The factory OBD on some cars may be mounted slightly different than the two photo above.

While pressing inward on the two tabs shown above by the arrows, push the factory OBD connector out the back of its slot.

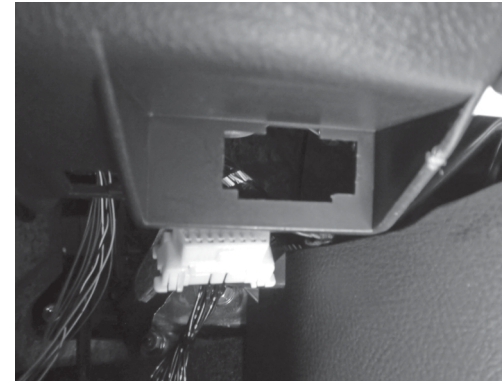
DO NOT pull on the wires at back of the factory connector. You need to push out the connector to avoid damaging factory wires.

2 Connect Factory OBD to OB-22W's Black Plug

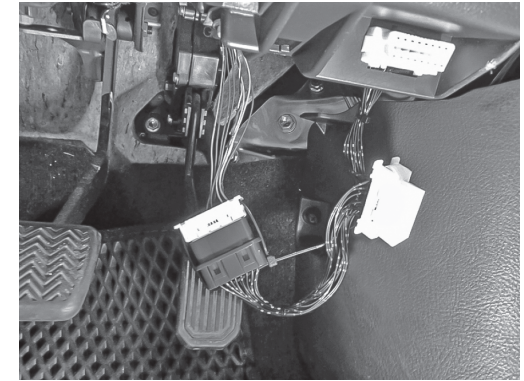


NOTE. A wire tie can be used as shown above to ensure the connectors won't ever pull apart.

3 Insert an OB-22W White Plug into Factory OBD Slot

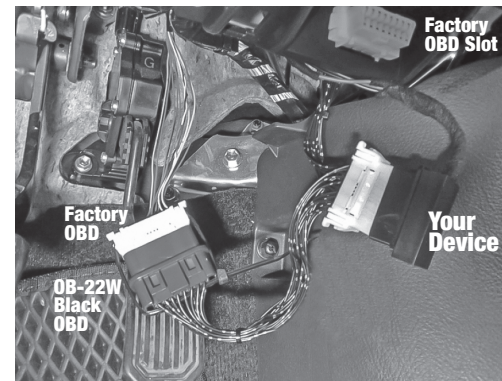


You will insert one of the **White** OB-22W plugs into the factory OBD slot.



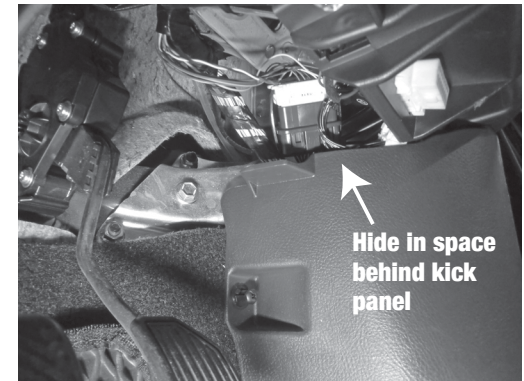
Choose the **White** OB-22W plug that is furthest from the Black plug to insert.

4 Attach your device



Attach your OBD device to the remaining **White** OB-22W connector as shown. (The plug in the factory OBD slot is left open.)

5 Hide Wires



The above photo shows just one example of where to hide wires. Ensure your location does not interfere with the vehicle's moving parts.

! IMPORTANT !

- When using the OB-22W in conjunction with 3rd party devices from other companies, take care when the device you attach to the OB-22W draws several amps of current. Such often results in large voltage drops that may temporarily impair one or more of your OBD devices.
- If you attach a high-current device to the OB-22W and find it interfering with another OBD device, you can continue to use the OB-22W's two CAN wires, but you may need to separately feed Power and/or Ground from another source (such as direct from the car battery).
- Unstable operation of any one or all the devices you've attached to the OB-22 is a sign that one or more devices is drawing excessive current, or it could be a plug is loosely connected.