



HRN-GS09K2

HRN-GS09K2 Prerequisite Guide

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RECOMMENDED TOOLS & CONSUMABLES:

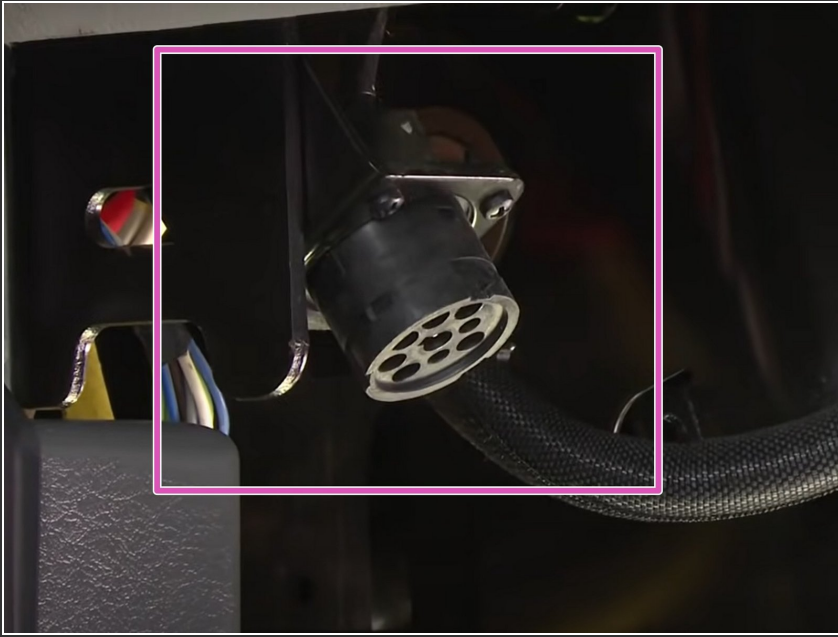
- 1/4" Metric Socket Set with Ratchet or Driver (1)
- Flush Cutter (1)
- Multi-Bit Screwdriver with Assorted Bits (1)
- Cable Ties (1)
- Electrical Tape (1)



HARDWARE & ACCESSORIES:

- HRN-GS09K2 - Universal Heavy Duty Harness Kit (1)

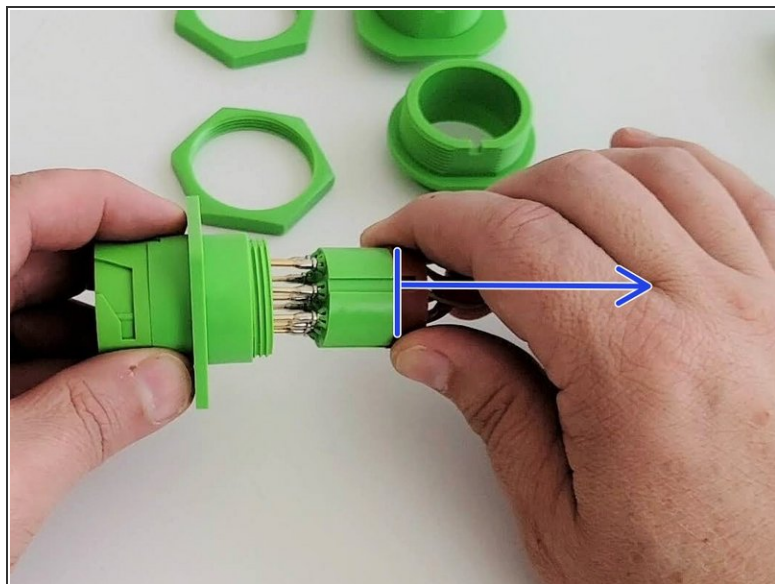
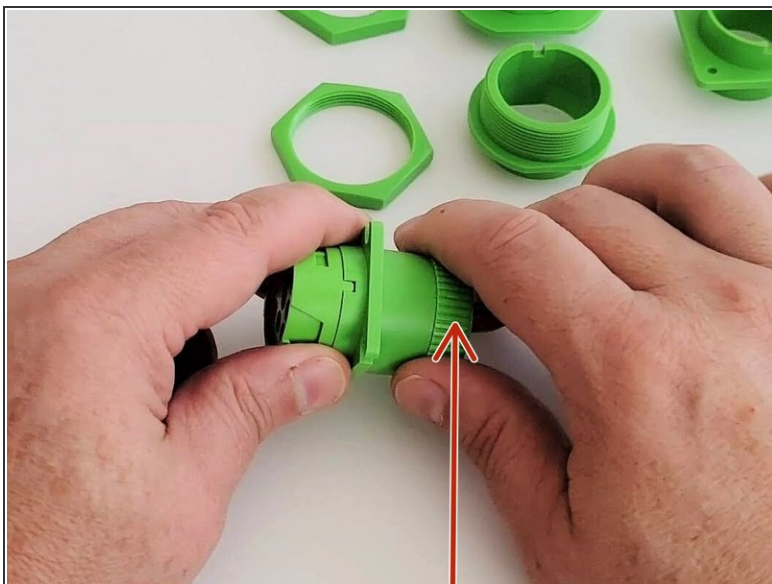
— HRN-GS09K2



- Locate and un-mount the vehicle diagnostic connector.
- ⓘ Match the diagnostic connector to one of the adapters included in the kit.
- ✦ See [here](#) for adapter identification

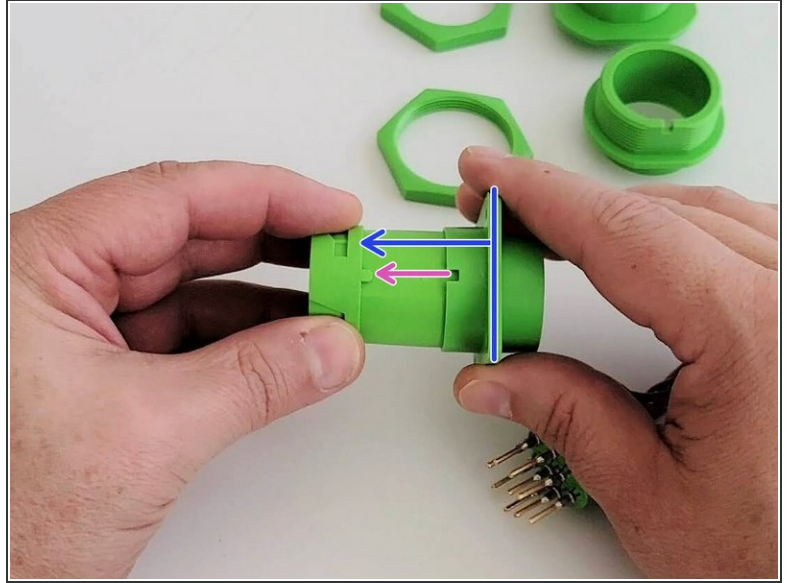
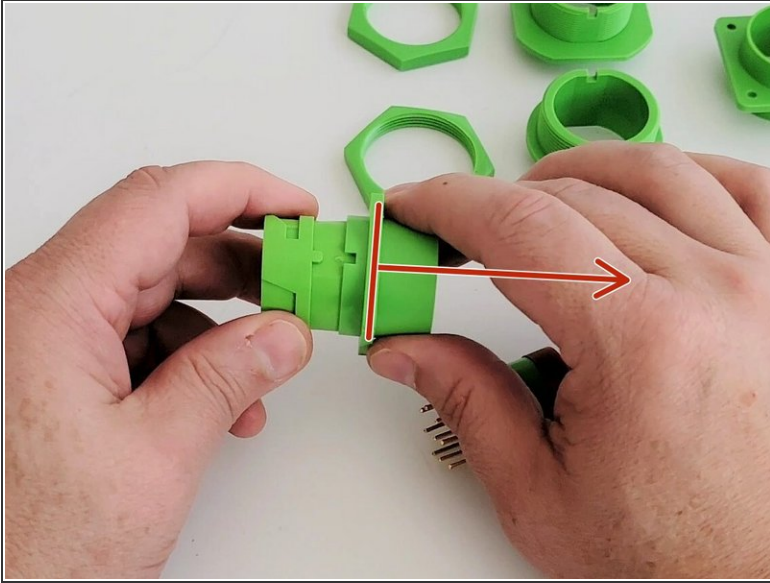
— HRN GS09K2 - Connector Assembly

- ⓘ If your vehicle does not use the pre-installed Adapter 1, use the steps below to replace with the required adapter.
- ✦ There are no special tools needed to change the adapter.

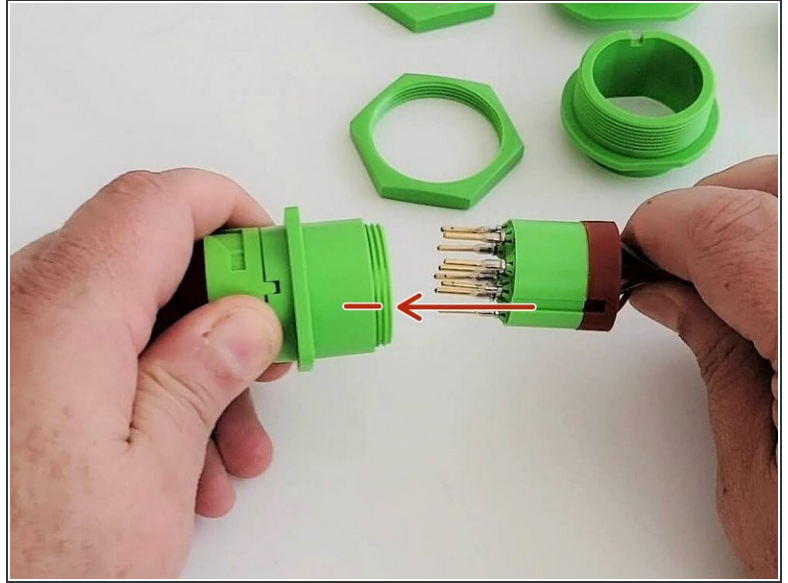


- Remove the screw cap at the back of the connector and slide it slightly away from the connector.
- Pull the connector housing and adapter assembly away from the connector cartridge and harness.

 [Video for this step](#)

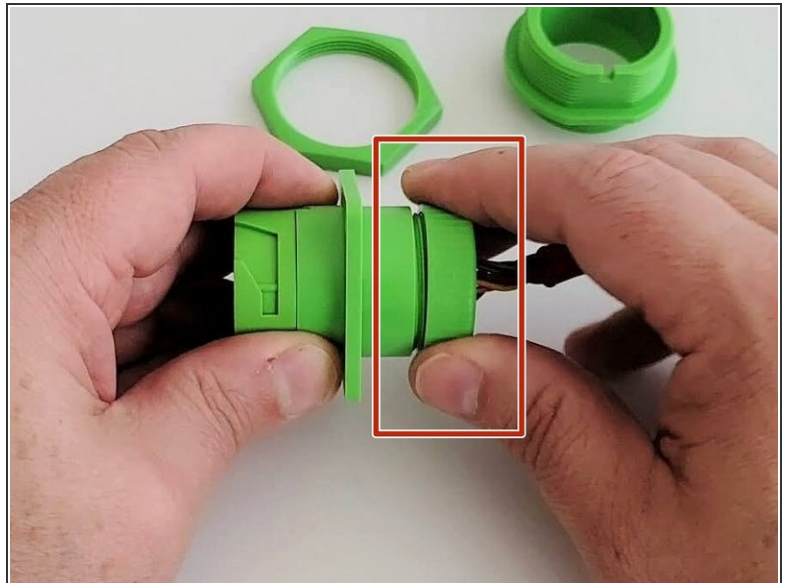
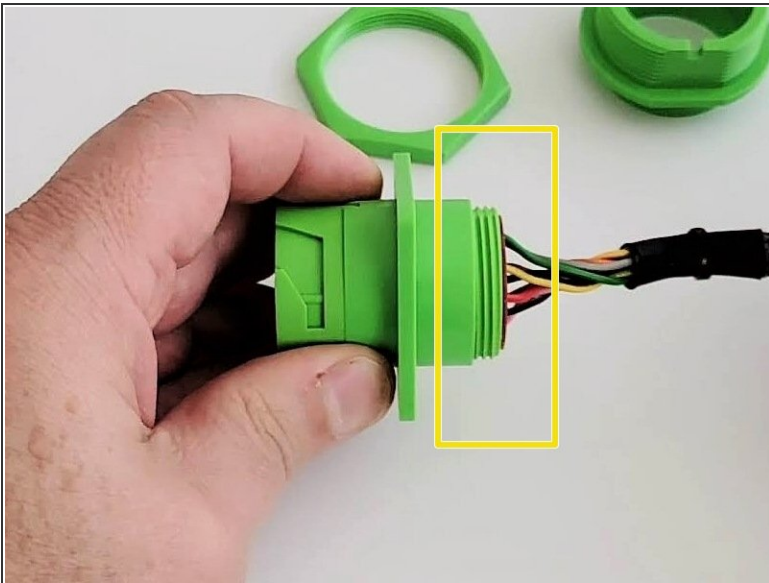


- Remove the adapter from the connector housing by sliding it back.
- Slide the adapter required for your application onto the connector housing.
 - Ensure this key/keyway is aligned.
- ① Ensure parts are seated completely without gaps.



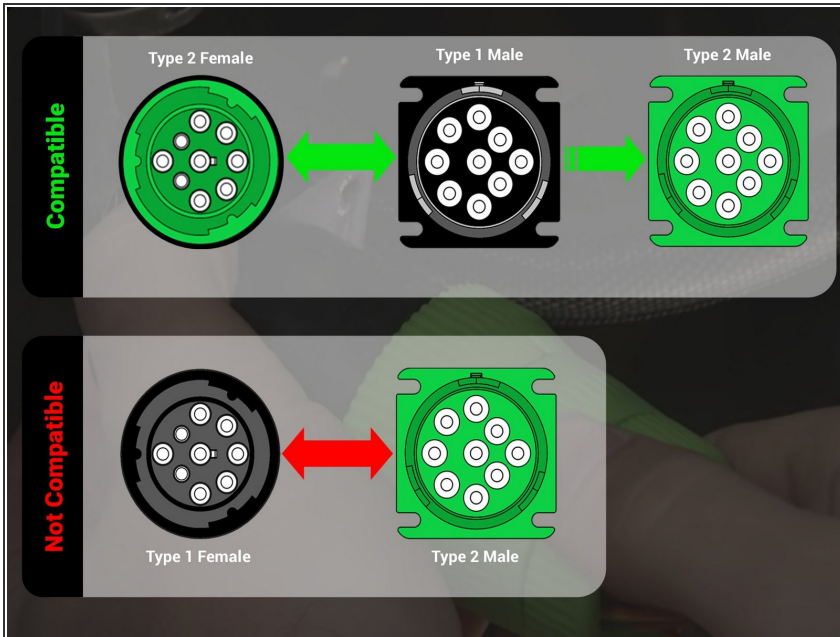
- Align the keys & keyways and slide the connector cartridge into the connector housing.

📺 [Video for remaining steps](#)



- Once the cartridge is inserted into the connector housing, it should appear flush like this.
- Screw the cap on at the back of the connector housing.
- ⓘ Ensure the connection is tight and that there is no gap between the adapter and the screw cap.

— Type 1 & Type 2 Compatibility



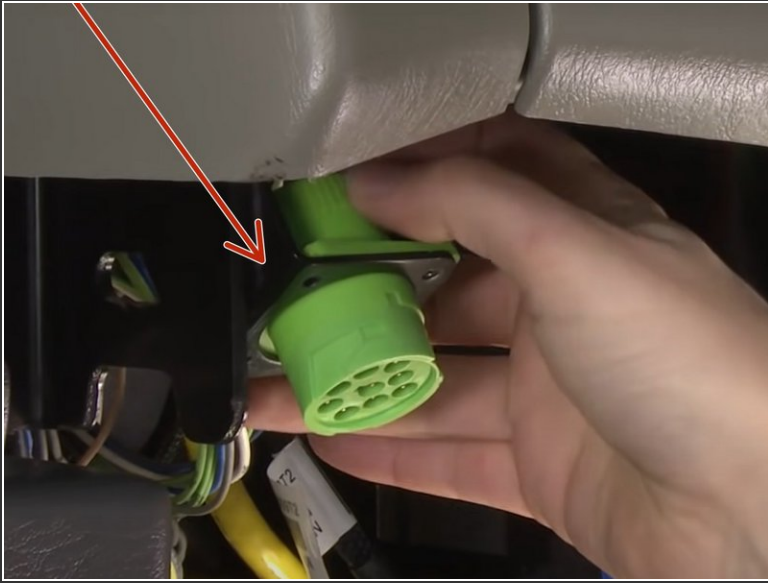
① As seen in this compatibility graphic, the **HRN-DM09T2** harness is backward compatible with Type 1 (black 9 pin) equipped vehicles as well as newer Type 2 (green).

⚠ Older Type 1 (black) diagnostic harnesses should *not* be reused with Type 2 (green) vehicles as they are not compatible.

— HRN-DM09T2 Harness Installation



- Unfasten the OEM 9 pin connector from where its mounted.
- Pull connector and harness aside to make it available for connection later.



- Reinstall the **HRN-DM09T2** male harness connector assembly into the same location where the OEM 9 pin was removed.
- Using the parts included and or previously removed, fasten as necessary for your application.



- Connect the OEM 9 pin diagnostic connector into the **HRN-DM09T2** harness.
- Twist the locking collar to secure connection.
 - ⓘ It is recommended to secure this connection with a cable tie if the collar does not lock adequately.
- ⚠ Secure this connection as up and out of view as possible using cable ties.
- ⚠ Ensure cable does not interfere with any moving parts.