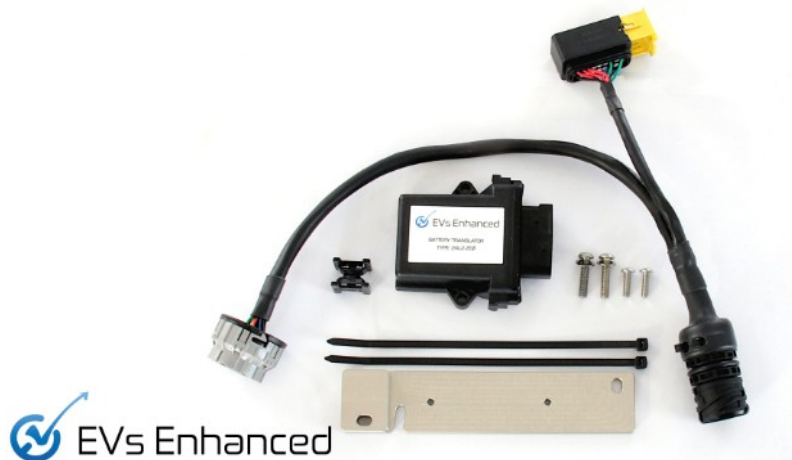


Nissan Leaf High Voltage (HV) Battery Translator Fitting Instructions (Full Loom Kit to suit Leaf models 2011-2012)



Kit Contents:

- 1 x HV battery translator module
- 1 x Custom wiring loom
- 1 x Anodised aluminium mounting bracket
- 2 x M5 16mm button head screws
- 2 x M6 25mm button head screws
- 2 x M6 washers
- 2 x 200mm cable ties
- 1 x Plastic swivel mount

Tools required:

- 1 x M3 hex key
- 1 x M4 hex key
- 1 x M10 socket with wrench
- 1 x Small pair of side cutters

Also Required:

- 1 x PTC Power Outlet Delete Cap (Sold Separately)
- 1 x Compatible Replacement Donor Battery Pack
- 1 x Set of HV Battery Under Trays
- Thread Locking Compound

Thank you for supporting EVs Enhanced with your purchase. This HV Battery Translator kit allows you to upgrade your Nissan Leaf with a newer HV battery helping extend the usable life of your vehicle. For product support, please contact your reseller.

Please Note:

Model Year 2011-2012 Nissan Leafs are available with and without the Cold Weather Package (CWP) option. The replacement battery pack MUST also match this condition. i.e. A CWP battery pack must be used when upgrading a CWP Leaf and a non-CWP battery pack must be used when upgrading a non-CWP Leaf.

Important Safety Message:

Electric Vehicles use high voltage which is potentially dangerous. Ensure that all appropriate safety equipment is used and safety precautions are followed when operating around high voltage.

Before installing your new HV Battery Translator:

Before swapping out the original battery pack, check to ensure no DTC codes are present using a scan tool such as LeafSpy Pro. This guide illustrates how to correctly mount and install the HV Battery Translator. Before beginning the following guide, the vehicle should be correctly shut down with the 12V battery disconnected. The replacement battery pack should already be fitted ensuring that the safety disconnect switch remains disconnected during the installation process.

1. Fit the PTC Power Outlet Delete Cap (refer to the fitting instructions supplied with this product)
2. Refit HV battery connector to the battery pack.

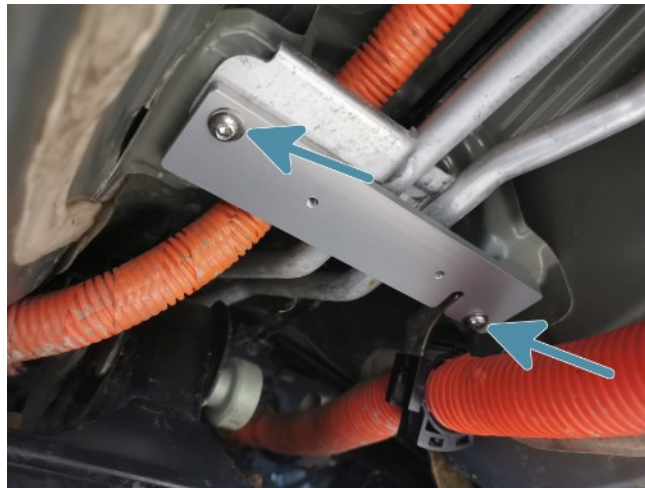


3. Fit Translator Mounting Bracket.

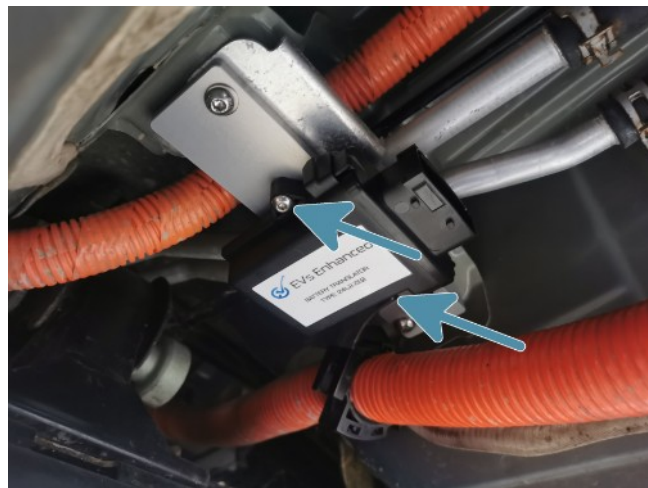
3a. Remove the 2 x M6 bolts holding the HV Battery Cable Support bracket.



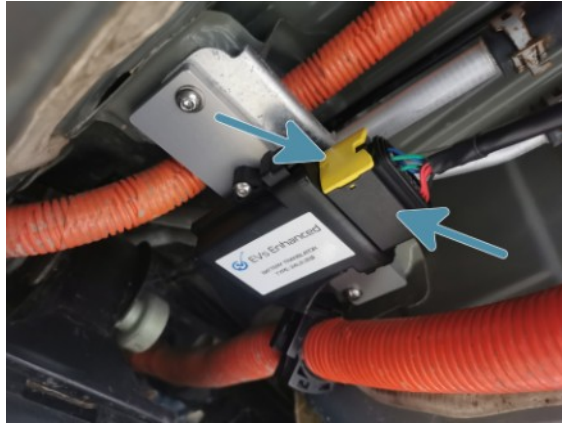
3b. Align the mounting bracket and fix in place using the 2x supplied M6 button head screws and washers on either side as shown below



4. Mount Battery Translator to the bracket using the 2 x supplied M5 button head screws ensuring the translator connector is facing the rear of the vehicle.



5. Fit the supplied wiring harness making sure no cable strain exists and all connectors are clipped firmly in place. Fix wiring harness in place to the top of the HV Cable using the supplied wiring support and 2 x cable ties as per below images, trim off cable tie excess using side cutters taking care not to damage any wiring.



5. Refit under trays and install safety disconnect switch.

6. Reconnect 12V Battery.

7. It is now time to pair the replacement battery pack to the vehicle. The vehicle should now power on into “turtle” mode. Checking DTC codes using LeafSpy should now only show a P3102 error code. Using your HV Battery Pairing tool, you can now eliminate the P3102 error code, pairing the replacement pack to the vehicle. Follow the guide provided with your HV Battery Pairing Tool for instructions

