

M157, M278 ECU Removal Manual





This instruction manual provides a step by step process for removing and installing the ECU from vehicles equipped with a M157 or M278 engine.

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Only professional and qualified persons should carry out the installation. The responsibility for correct installation rests solely with the mechanic installer, and KLEEMANN is not responsible for injuries that may be inflicted upon equipment or persons due to insufficient installation. The installation instructions and the following instructions are only intended as a guide and cannot be regarded as exhaustive. The information in these instructions has been carefully revised and is considered correct. However KLEEMANN assumes no responsibility for the contents in case of inaccuracies, and KLEEMANN cannot under any circumstances be made responsible for any loss or damage occurring as a direct or indirect consequence of the application of the material. KLEEMANN is not under obligation to update the material or inform the purchasers about any updates.

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Factory Engine Bay

The engine cover is held in place by friction/detent connections. No tools are required to remove the engine cover or the ECU.



Step 1:

Lift the front cover at the forward location shown. Simply lift up until you feel the connection(s) on the cover release.



Step 2:

Lift the front cover at the rear locations (one each side, R and L) as shown.



Step 3:

Remove the engine cover and set aside in a safe place.



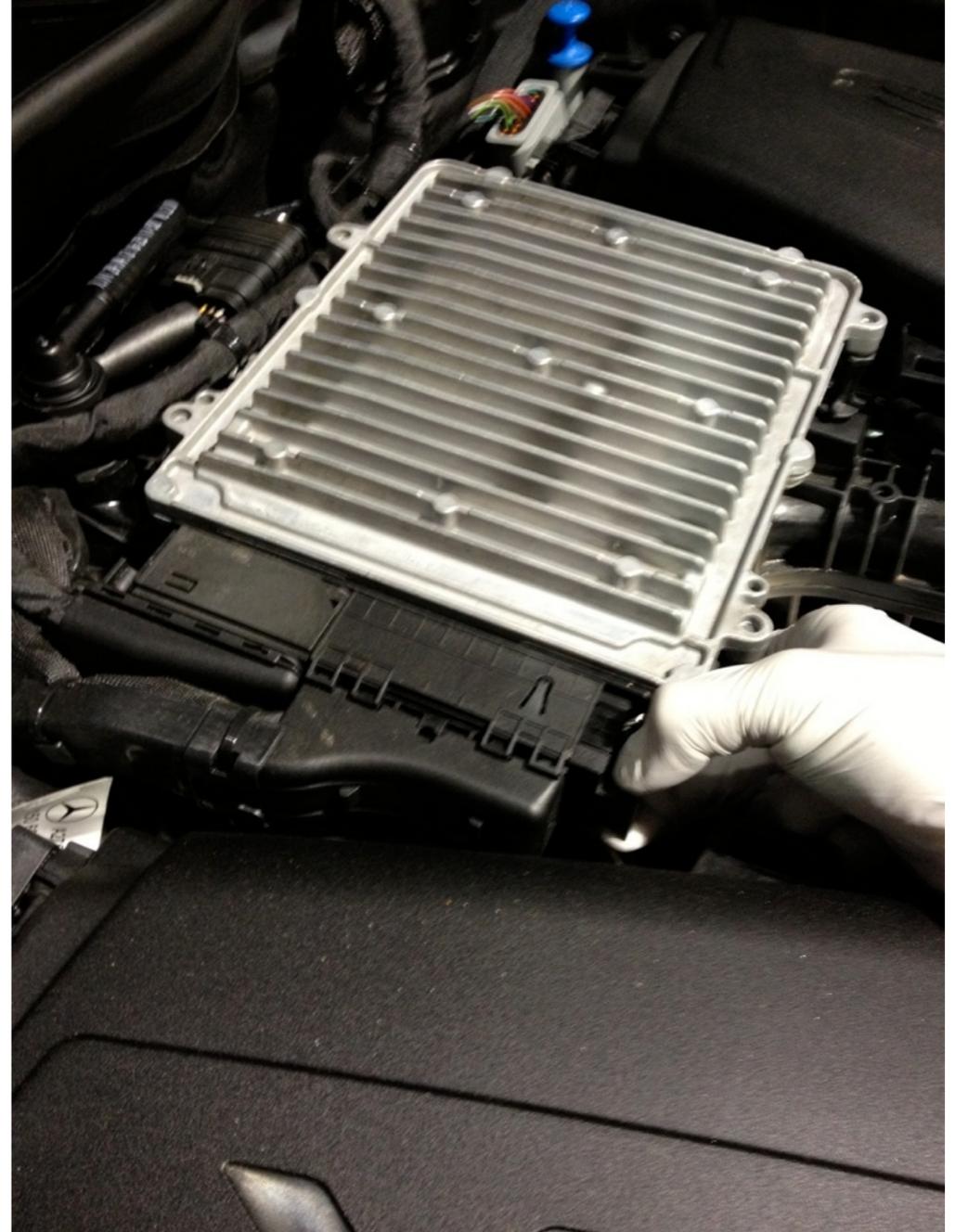
Step 4:

Engine cover removed.



Step 5:

Remove the two ECU harness connections by gasping the sliding collar(s) and pulling it outward. This is a compound connection, so the plug will pull out of the ECU as you pull the collar(s).



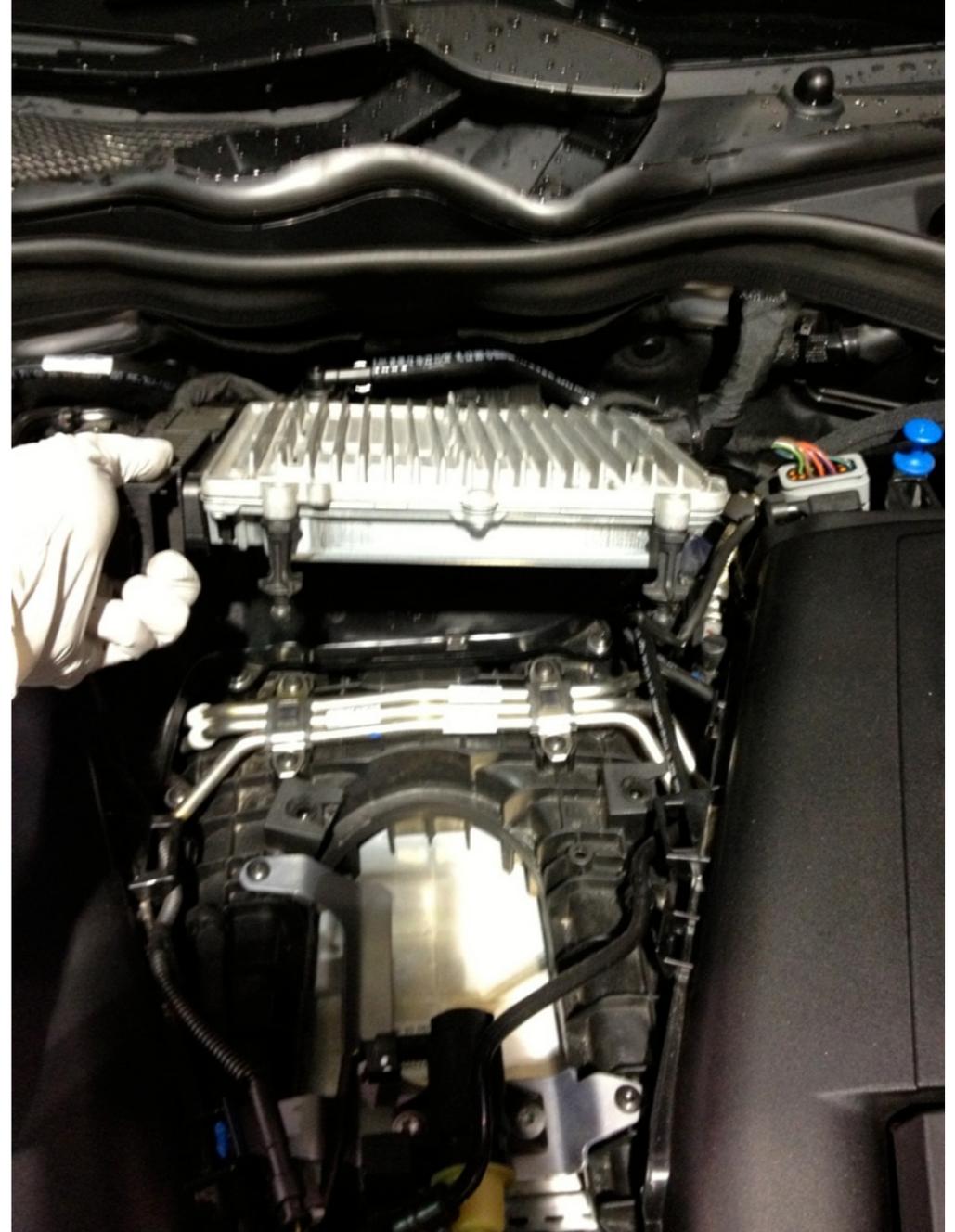
Step 6:

Repeat step 5 for the remaining ECU harness connection.



Step 7:

Firmly grasp the ECU and pull straight up. There are four (4) ball and socket connections on the ECU holding it to the engine.



Step 8:

Remove the four (4) plastic ball socket connections from the ECU housing by unscrewing them. Set the socket connections aside in safe place.



Step 9:

Pack the ECU in an appropriate box and send to KLEEMANN (addresses listed on page 1). Installation is the reverse of removal.