

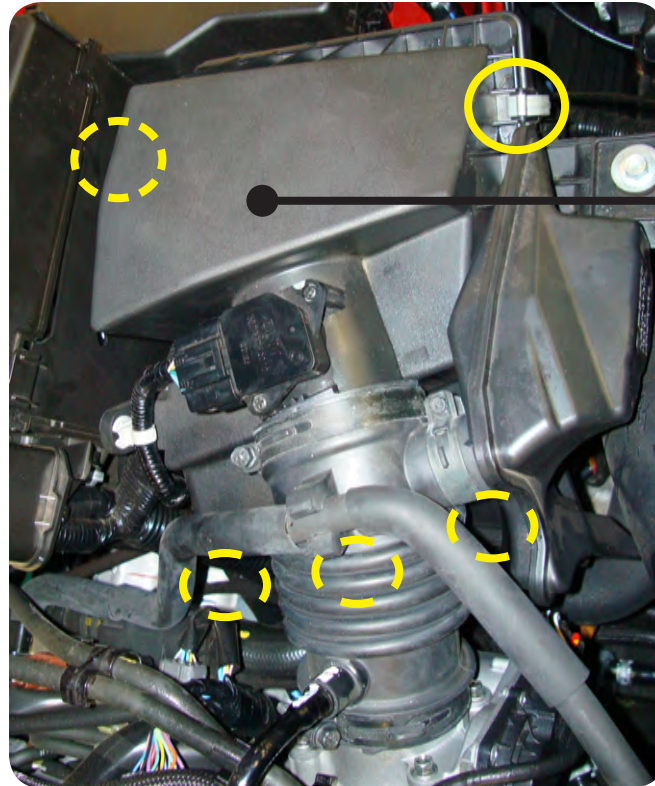
## MULTI-MODEL

### MIL ON WITH DTC P0171 AND/OR ROUGH IDLE

Some vehicles may exhibit a MIL on with DTC P0171 (Fuel trim system too lean) and/or a rough idle. The rough idle is most pronounced at idle when the A/C compressor engages. Prior to performing normal diagnostics, confirm that the air cleaner cover is properly secured.

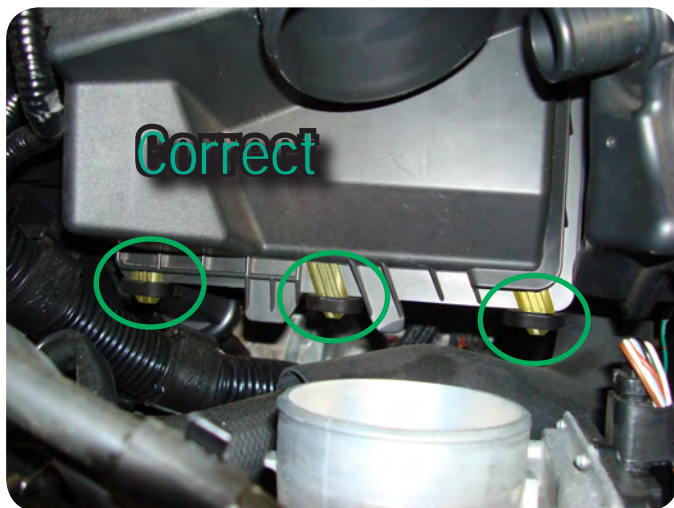
**Note:** A 2011 Mazda3 air cleaner cover is shown. Other model air cleaners are similar.

When replacing or inspecting the air cleaner element, make sure the air cleaner cover is properly secured to the lower air box. Some air cleaner covers have 3 inserts on one side and 2 anchors on the other side. A MIL may be stored and/or a rough idle may occur if the air cleaner cover is not installed correctly.



Air cleaner cover

Front of vehicle



Left side of the air cleaner cover is inserted into the lower air cleaner housing correctly.



Left side of the air cleaner cover is not inserted into the lower air cleaner housing correctly.