

2021+ Mazda 3 & CX30 Skyactiv 2.5L Turbo Stage 1 & 2 Intake Install Guide

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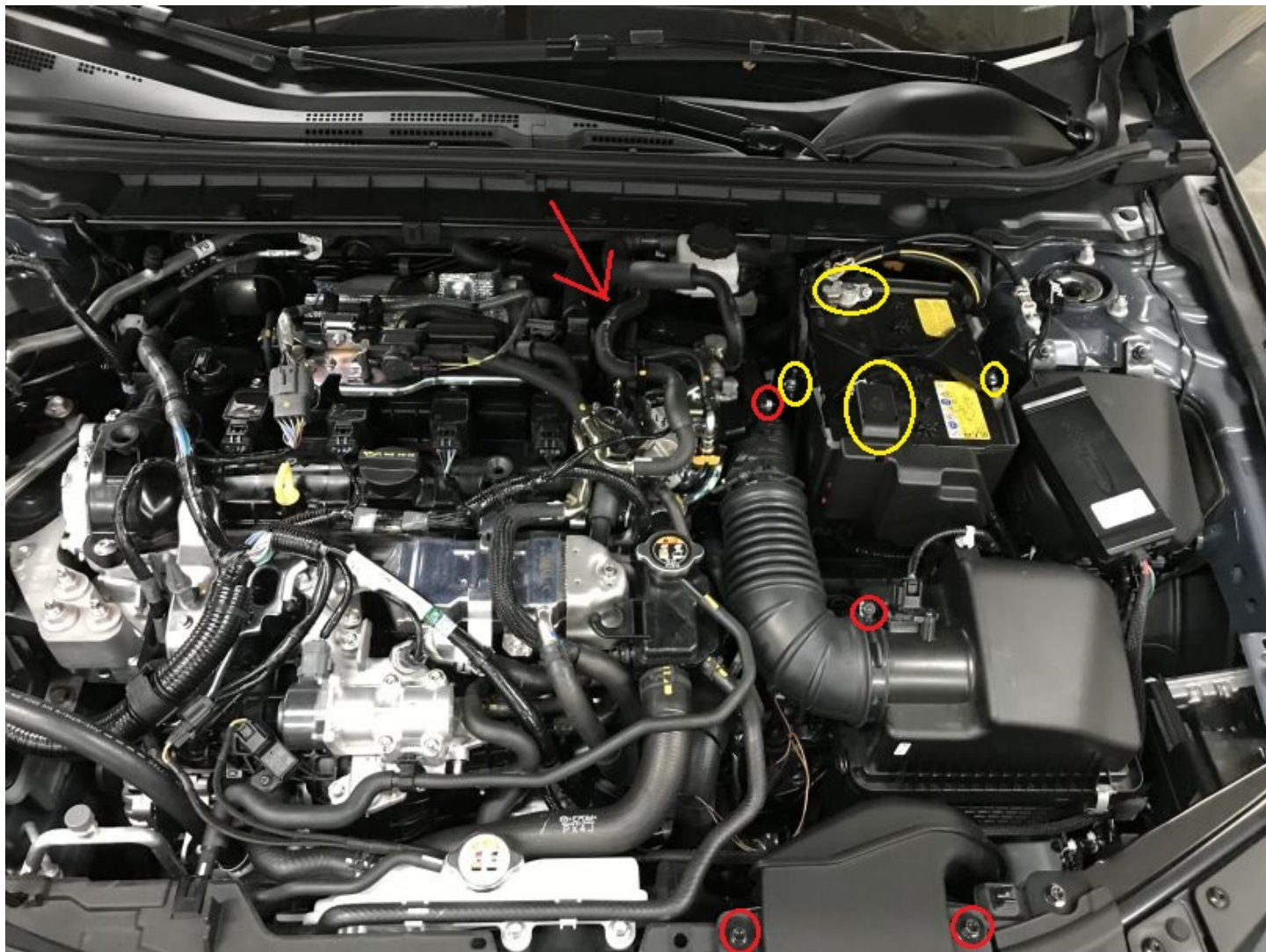
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Stage 1

Remove the battery by undoing the brace and the positive and negative terminals. (Circled in yellow)

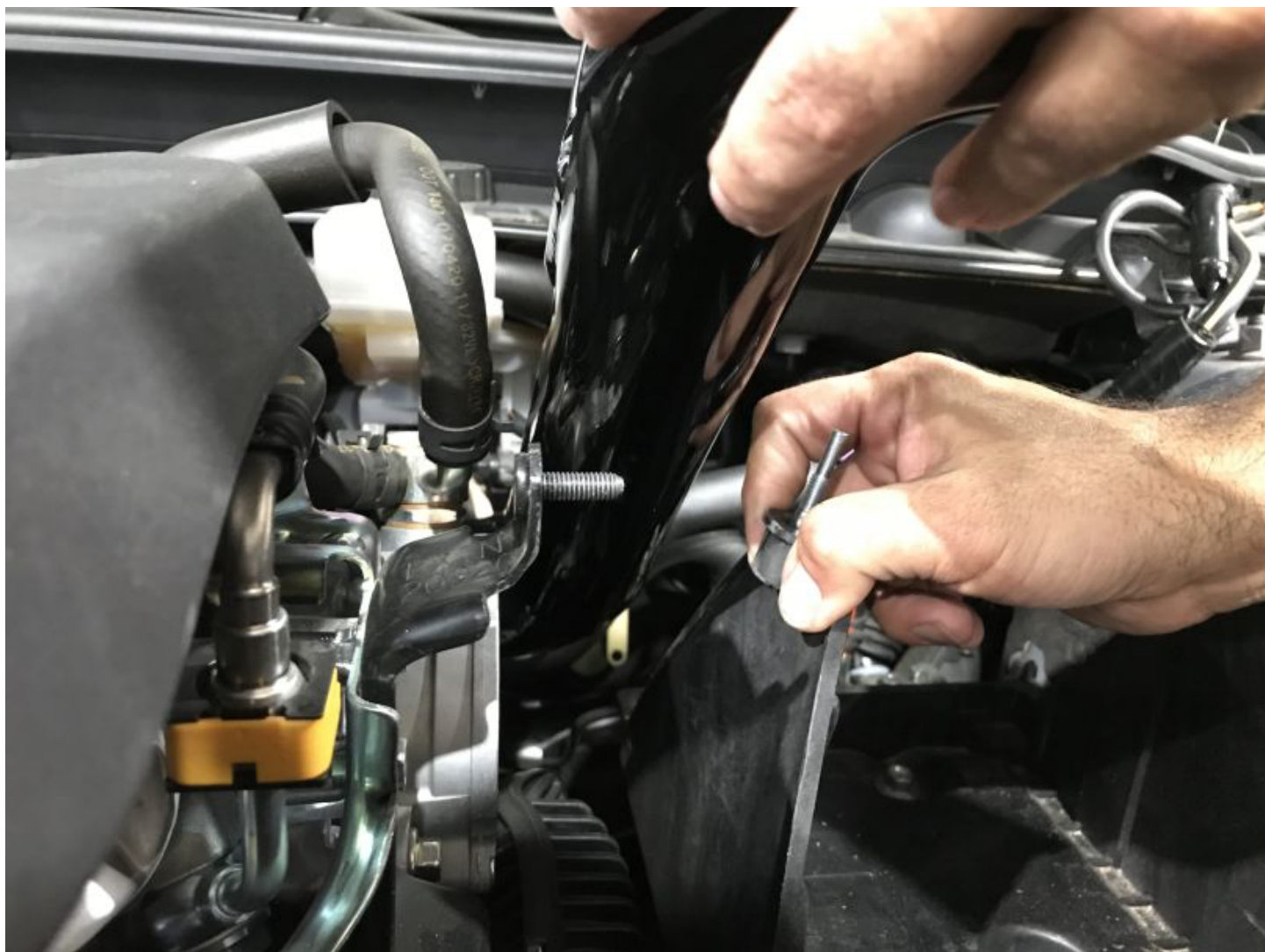
Remove the stock intake by undoing the bolts, clamps, and MAF connector. Once loose and removed, the airbox can be pried out from the bottom grommets. (Circled in red)



Now loosen the three bolts on the battery tray to move it over a little bit and make room for the larger intake piping, tighten back down after it's moved over.



Install the intake pipe into the OEM turbo silicone snout and onto the stock bracket location, tighten everything down.



Now reinstall the battery.



Remove the MAF sensor from the stock airbox and install onto the BMS Billet MAF housing with the provided hardware in the correct flow orientation.



Install the heat shield onto the BMS Billet MAF housing with the provided hardware as well as the reducing silicone. It will slide into the slot on the MAF housing. This will install this onto the aluminum pipe all at once.



Using the existing hole on the battery tray (circled in red), use the provided bolts, washers, and nut to lock the shielding into place.



Install the BMS filter onto the MAF housing, connect the MAF connector to the sensor, and you are now completed with the intake install. (continue for Stage 2 below)



Continue for Stage 2 Fender Mount Intake

Install the straight silicone coupler onto the stage 2 piping, then insert the tube into the front corner of the fender hole the onto the MAF housing. (You will have to remove a clip holding the wire bundle to make space.)



Safely jack the front corner up and lock with Jack stands.

Remove the 4 bolts/clips holding the corner of the belly pan, this will allow you to reach the piping and to install the filter.



Piping will come down lower from the top so you can now attach the filter.



Once attached it will look like this (Bumper is only removed for representation of where the Stage 2 intake sits, not needed for the installation)



Installation Complete!