

CTS Gen3 EA888.3 Boost tap installation guide

This motor is commonly found in 2014+ Jetta 1.8TSI/2.0TSI, Passat, New Beetle and MK7 GTI/Golf R;
Audi A3/S3

Product ID: CTS-HW-0027

Tools required:

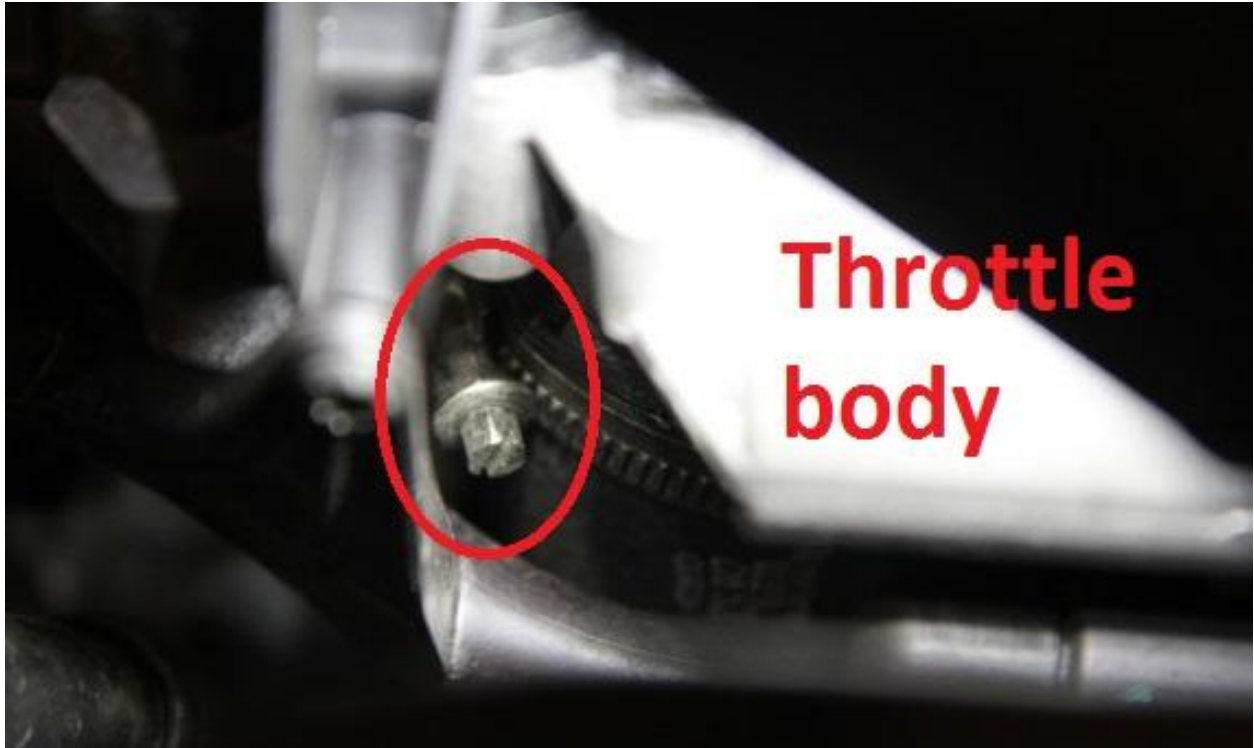
Hand tools, including a metric socket set, torx bits set, screwdrivers, long extensions, sharp knife or hacksaw blade.

NOTE: This is not a difficult installation but it is a bit awkward so be patient and you will succeed!
Vehicle used in this guide is a 2015 Volkswagen GTI, other cars will follow similar steps.

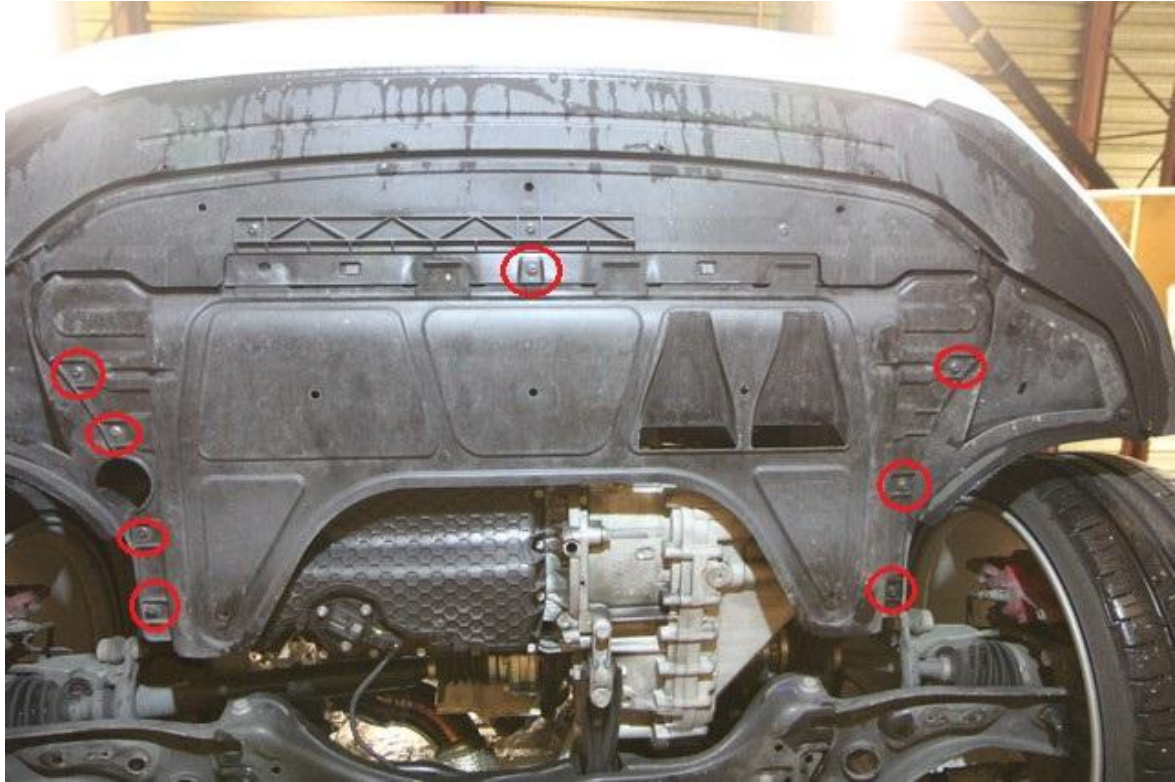
Lift the car and secure it via jack stands or lift. Always make sure the car is safe to work on.

Locate the throttle body and unclip electrical harness. Remove the clamp from throttle body rubber connector.





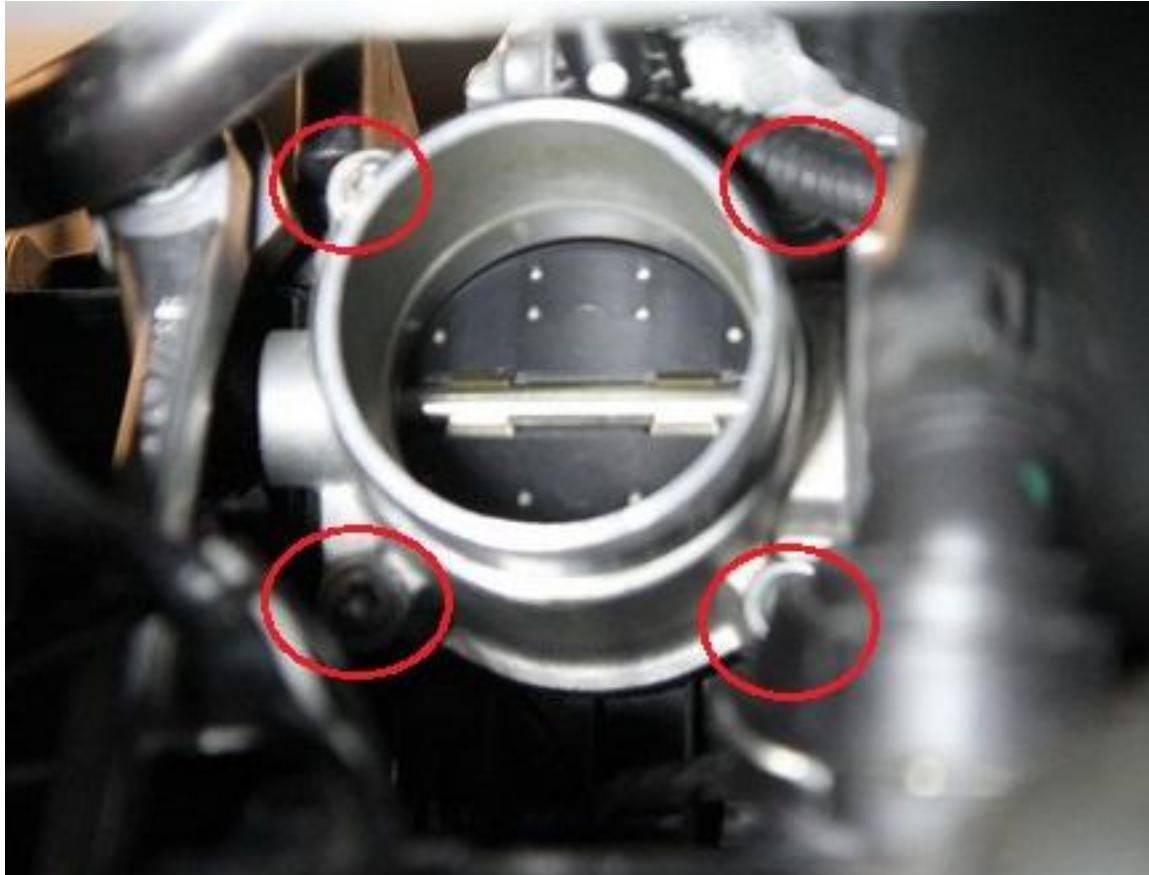
Remove the 8x T25 screws from the bellypan and remove it by pulling down and the back of car.



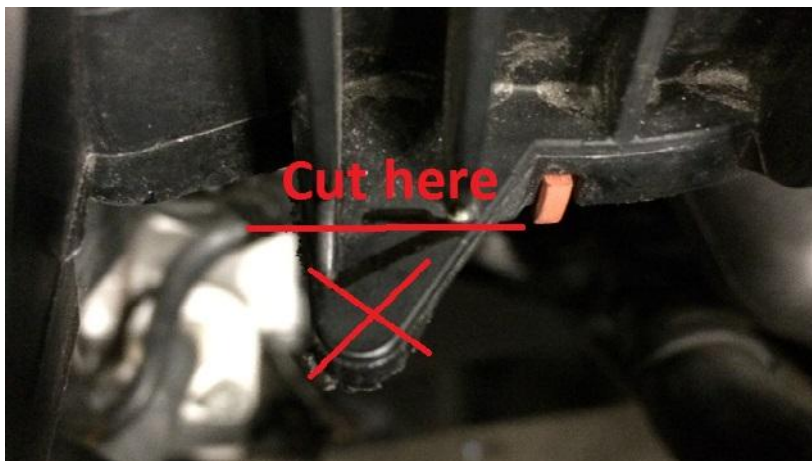
Remove the lower clamp from throttle body pipe rubber connector. Unclip and remove MAP sensor connector. Remove 2x T30 screws that hold the throttle pipe to the engine. Carefully remove throttlepipe from vehicle.



4. From bottom of car remove 4x T30 bolts holding throttle body to intake manifold. Long extension helps (approx 24" worked for us). Do not remove throttle body completely off the vehicle. Make sure the factory orange o-ring remains installed in the intake manifold.

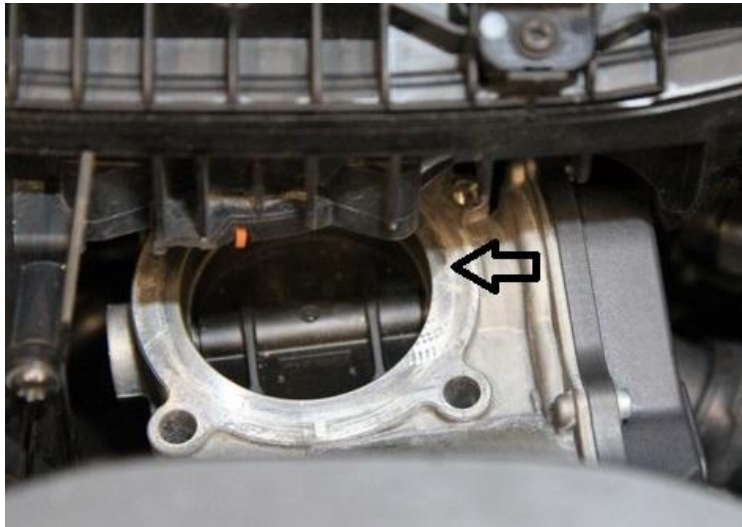


5. On the intake manifold, trim off the locating tab to allow for boost tap clearance. This is easily done with a sharp knife or a hacksaw blade.





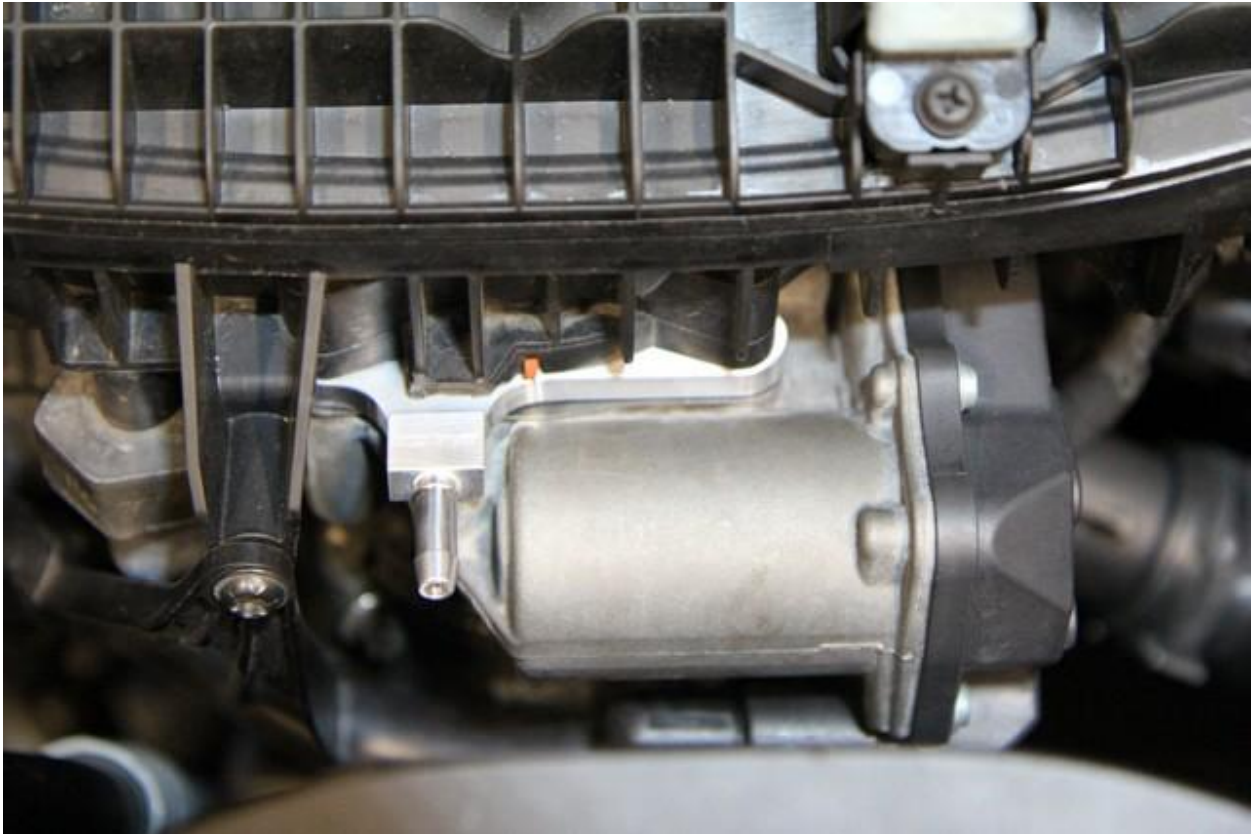
6. Install CTS billet boost tap and o-ring. Make sure the o-ring is facing down (between boost tap and throttle body).



7. From bottom of car, reinstall and tighten 4x T30 torx screws. Torque screws to 7 Nm (5.2 ft/lbs).

8. Reinstall throttle pipe and bellypan.

9. Proceed to install your boost gauge or water/meth kit, note that boost tap must be capped off using supplied vacuum cap if not used.



Start and test drive vehicle. Check for proper operation and any vacuum/boost leaks.

You are done!