

PERRIN

Coupler Kit for Top Mount Intercooler

2017-01-05

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email Tech@PERRINperformance.com

Instant Chat off the main page of www.PERRINperformance.com

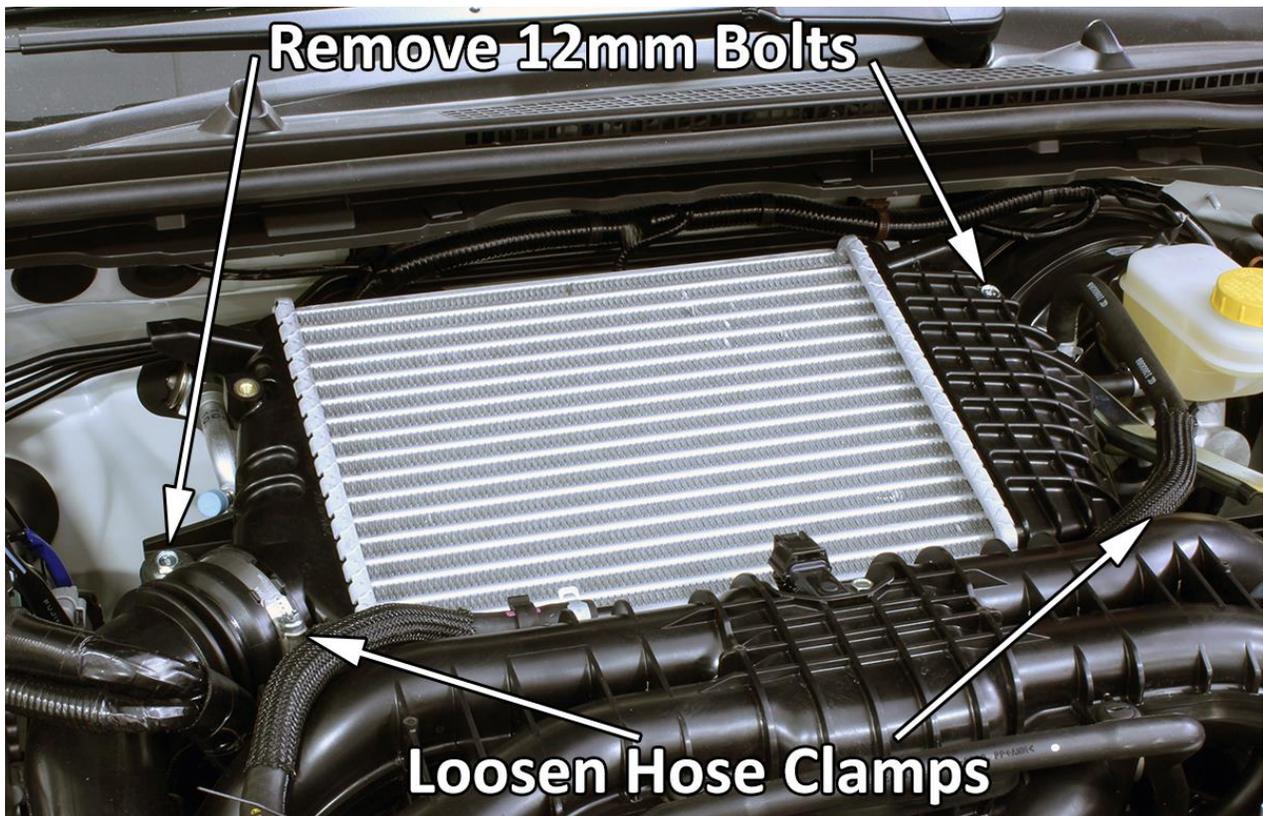
Or simply call our tech team at 503-693-1702

SPECIAL NOTES:

- This coupler can be difficult to align with intercooler and throttle body do to the multiple bends. Take time with rotating coupler around connections until it lines up best with both throttle body and intercooler.

Parts Included With PERRIN Coupler Kit

- (1) PERRIN 2.75" Offset Jog Coupler
- (2) Hose Clamps



2015 WRX Engine Bay Shown Above

Installation Procedures

1. Remove cover from engine by removing plastic fasteners at corners. **Note: Only on Legacy GT and 2015+ WRX models.**
2. Determine your vehicle and follow the instructions below:
 - a. For 2015+ WRX or 2014 Forester XT, loosen hose clamp on right side of intercooler and remove (1) 12mm bolt securing intercooler to engine bracket.
 - b. For all other models, locate and remove (2) 12mm bolts securing intercooler to turbocharger. Locate and remove (2) 10mm bolts securing blow off valve to intercooler.
3. Locate and remove (1) 12mm bolt securing left side intercooler to bracket mounted to engine.
4. Loosen hose clamp holding throttle body coupler to intercooler. Leave hose clamp securing coupler to throttle body tight.
5. Remove intercooler from car by carefully pulling up on back side popping it free from throttle body coupler.
6. Take note of orientation of throttle body coupler. Rotation/direction of coupler will need to be replicated on the next step.
7. Loosen remaining clamp securing throttle body coupler to throttle body, and remove coupler from car.
8. Install PERRIN coupler to throttle body and install both supplied clamps but leave loose and orient the nuts so they are easily accessible in next step.
9. Reinstall intercooler opposite of how it was removed, making sure to start at throttle body coupler, then set down onto right side of engine. **NOTE: Make sure that PERRIN coupler isn't folded under lip of intercooler during installation. Using a bent awl will greatly help during this part of the install.**
10. Check alignment of coupler and make sure there is no binding or folded over edges. Rotate coupler if needed to ensure it aligns with throttle body and intercooler. Once aligned, tighten both clamps.
11. Follow below instructions depending on model of car.
 - a. For 2015+ WRX, slide intercooler into boost tube on right side and tighten clamp.
 - b. For all other models, Reinstall (2) 12mm bolts securing intercooler to turbocharger outlet, and tighten to 15ft-lbs. Reinstall (2) 10mm bolts securing blow off valve to intercooler and tighten to 10ft-lbs.
12. Reinstall 12mm bolt securing intercooler to left side engine bracket and tighten to 15ft-lbs.
13. If car was equipped with engine cover, re-install at this time.
14. Start car and make sure that car runs ok and no check engine lights appear. If car runs ok, take car for test drive.

Questions, Comments and Suggestions Contact: Tech@PERRINperformance.com
Visit Our Website for Instant Chat Options at www.PERRINperformance.com
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