



Universal Oil Cooler w/M22 Inlets

2024-10-07

PSP-OIL-090

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@PERRIN.com

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

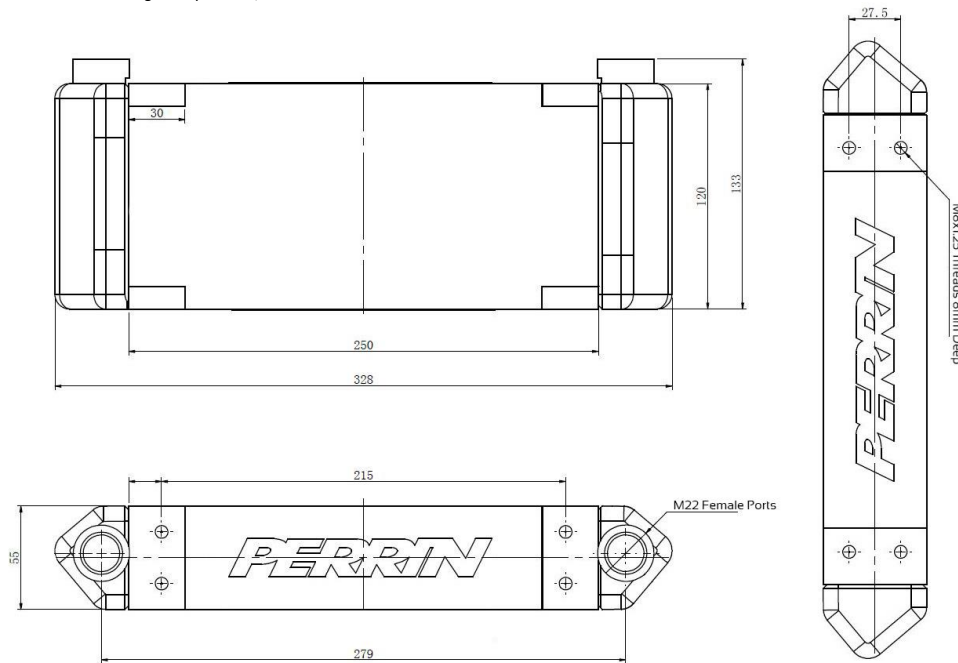
Or simply call our tech team at 503-693-1702



WARNING: This product can expose you to chemicals including Lead which is known to the State of California to cause cancer birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

SPECIAL NOTES:

- This kit does **NOT** include many components to allow this to be installed on a car and function properly. Some of the components that may need to be purchased are brackets, hoses, fittings, thermostatic adapters, hose adapters, and hose protection.
- An additional quart of oil may be needed after installation is complete. Make sure and have oil ready to be added or be prepared to do a full oil change after installation. For additional oil changes, check oil level after adding factory fill level, and add more if needed.



Mounting of PERRIN Oil Cooler Notes:

- The PERRIN Oil Cooler has (8) M8x1.25 threaded holes that can be used to secure the oil cooler to the chassis. It is **EXTREMELY** important that the length of the bolts being used do not bottom out inside of each of the mounting brackets. Using too long of a bolt will puncture the core and cause an oil leak. When choosing hardware for your oil cooler, make sure to check that the M8x1.25 bolts will thread in **NO MORE** than 8mm or 5/16". **NOTE: Using washers is a good way to change the length of the bolt to ensure it will not damage the core.**
- If the PERRIN Oil Cooler is bolted to the chassis and will **NOT** be seeing excessive vibrations, use any (2) of the mounting pads and the (4) threaded holes for mounting. If the PERRIN Oil Cooler is mounted to the engine or will see excessive vibrations, make sure to use all (4) mounting pads and all (8) threaded holes.
- For best performance, always mount the oil cooler in a location that will see ambient air flow while the car is moving.
- The PERRIN Oil Cooler is best mounted at the same level (or lower) as the engine. If being mounted above the engine (such as on top of the engine), the use of check valves may be required to keep the oil from draining back into the pan.

First Start After Installation

1. Before starting/running the engine, it is best to prime the oil system. Most vehicles can do this by turning the key to the on position, applying 100% throttle, then trying to start the engine with the throttle still at 100% (or floored). In most cases, the engine will not start but turn over only. If for some reason the engine starts during this process, immediately lift off the throttle and just let the engine idle. If your engine does not start during this, let the engine crank over for roughly 5 seconds and wait 10 seconds, then do this again for 5 seconds. Repeat this step 2 to 3 more times as this will help prime your engine with oil.
2. Start your car like normal and let it run for 5 seconds, then shut engine off. **Heavily inspect all oil lines and connections for leaks.** If no leaks are found, add additional oil then follow the factory service manual.
3. Start engine, let it run for at least 5 minutes, and check one more time for oil leaks.
4. If no leaks are found take car for 10 minute test drive, then recheck all fittings and hardware to ensure it hasn't started leaking or come loose.
5. If you are unsure how tight you made the fittings on the oil cooler, double check the tightness after 2 hours of driving.

Questions, Comments and Suggestions Contact: Tech@PERRIN.com

Visit Our Website for Instant Chat Options at www.PERRIN.com

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