



# AMS Wet Sump Oil Pan Installation Instructions

The goal of AMS is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs AMS will never compromise the quality or performance of our products. In addition, AMS will only provide the finest customer service offering only parts and advice that are in the best interests of the customer. AMS was built on a foundation of integrity. This is who we are; this is what you can count on.

A vehicle modified by the use of performance parts may not meet the legal requirements for use on public roads. Federal and state laws prohibit the removal, modification, or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on public streets or highways. Use or installation of performance parts may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty, and/or new OEM part warranty. Performance parts are sold as-is without any warranty of any type. There is no warranty stated or implied due to the stresses placed on your vehicle by performance parts and our inability to monitor their use, tuning, or modification.

These instructions are provided as a guide only as there are many variables that cannot be accounted for concerning your particular vehicle, including but not limited to model year differences, model differences, the presence of non-OEM parts, and modifications that may already be or were previously installed. A basic knowledge of automotive parts and systems is helpful but a better understanding of the parts and systems on your particular vehicle may be required.

If you have any questions or issues at any time during the installation of your AMS product(s) please call us for technical assistance. The AMS tech line can be reached during business hours at 847-709-0530 for AMS products only.

1. Remove stock oil pan.
2. Scrape all silicone from oil pan mounting surface.
3. Install crank scraper. Make sure to push it outwards from the centerline of the crank, then tighten it down.



4. Rotate crank and make sure that all areas clear. Inspect areas around rod bolts and outer edges of crankshaft counterweights. If the scraper makes contact with any moving parts you will need to mark them and use a file, grinder or band saw to carefully clearance the areas. After you have clearance them reinstall the scraper and verify that there is sufficient clearance.
5. Mount baffle plate on top of the scraper and make sure to once again push the scraper outwards prior to tightening bolts. Tighten bolts and once again rotate crank and listen for any interference.



If there is no interference proceed to install the crank pickup with supplied gasket. Install pan using Threebond or equivalent silicone sealer.

6. You may need to use the supplied bolts in the starter area instead of the studs due to clearance issues.
7. Once pan is installed rotate crank and verify no noises are heard due to interference.
8. When installing the oil return line use the supplied gasket and washers for the studs. We highly suggest adding a small amount of silicone to each side of the washer before torquing the nut down. This will help seal the threads and prevent any oil leaks.
9. Last step is to verify that the drain plug is tight. Then fill it up and let the car run, check for leaks.