



# **AMS EVO X Push Style Clutch Instructions**

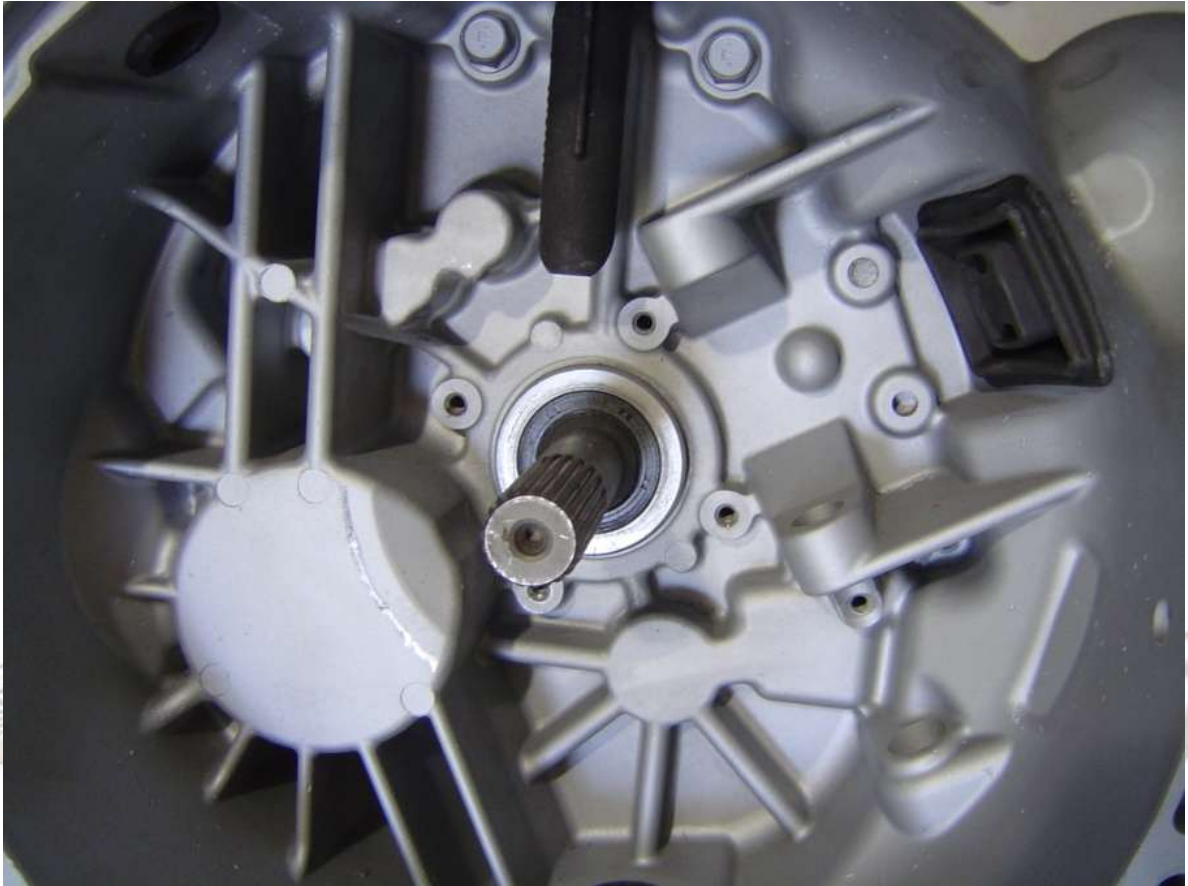
The goal of AMS is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs, AMS will never compromise the quality or performance of our products. In addition, AMS will only provide the finest customer service offering only 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, installation, 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 at 847-709-0530 during business hours.

1. Remove transmission, slave cylinder, and complete clutch line from the master cylinder. Also remove clutch assembly from engine.
2. Remove OEM throw out bearing shaft, fork, bearing, and sleeve.



3. Clean off area around the TOB sleeve. Bolt AMS adapter with **both included shims underneath it** to bell housing using supplied hardware and loctite. Make sure to pay attention to the direction of the plate. (The open window of the adapter should face towards where the clutch fork was as shown below)



4. Bolt AMS TOB to adapter using supplied hardware (Use Loctite on bolts)(DO NOT OVERTIGHTEN)
5. Install TOB hydraulic fittings and hoses. (These fittings do not need any type of Teflon sealant applied to them). Route the lines through the clutch fork boot. (MAKE SURE THAT THE LINE ON TOP IS THE BLEEDER LINE)



6. Before installing the new clutch and flywheel on the engine make sure to add the included block/transmission spacer plate between the engine and transmission. This is necessary to space the transmission away from the engine. **(DO NOT SKIP THIS STEP)**
7. Install new clutch assembly, use alignment tool, torque to specs provided by manufacturer. Reinstall the transmission completely **with supplied shim between the engine and transmission**. Fill with fluids.
8. Connect the long clutch line to the master cylinder using the included adaptor. Refer to our EVO X clutch line instructions for further details if needed.
9. Use the short hose with bleeder valve to bleed any air out of the hydraulic system. This can be done with someone pushing down on the clutch pedal while another person is opening the bleeder. Be sure to close the bleeder before the clutch pedal is released. It may take a few tries to remove all of the air in the system.
10. Check clutch pedal adjustment using the specs below, and if required install the included clutch stop and adjust accordingly.

-With the engine off and the transmission in first gear have someone attempt to roll the car.

-Press the clutch pedal slowly until the clutch disengages and the car begins to roll. This is considered as Position A.

-Adjust the clutch stop to allow travel of the clutch pedal 3/8" (9mm) past Position A to bottoming out on the pedal stop. The pedal stop would be considered Position B.

-Do not stroke the pedal any further than Position B throughout the procedure or you could possibly damage the clutch.



# AMS EVO X Adjustable Clutch Pedal Stop

1. On the clutch pedal there is a factory rubber clutch stop. Remove this piece and either drill out the hole using a ¼" drill bit or tap the hole to M6x1.



2. Install the adjustable clutch stop and adjust as instructed in the clutch install instructions. Once it is adjusted it can be removed and the additional length of the threaded section can be cut off for a cleaner look.

