



Installation Instructions CAST ALUMINUM DEEP OIL PAN

Fits: Vehicles with Toyota AB60 Transmission
See Application Guide for Specific Vehicles
Catalog # 70393

WORK SAFELY! For maximum safety, perform this installation on a clean, level surface and with the engine turned off. Place blocks or wedges in front of and behind both rear wheels to prevent movement in either direction.

CAUTION: To avoid any possibility of bodily injury or damage to vehicle, do not attempt installation until you are confident that the vehicle is safely secured and will not move.

This B&M Cast Aluminum Deep Oil Pan has been designed to work on most Toyota vehicles equipped with the AB60 transmissions. The B&M Cast Aluminum Deep Oil Pan provides several advantages over stock factory oil pans. The extra capacity provides increased oil volume and added cooling, while the aluminum construction increases case rigidity. The magnetic drain plug feature allows regular transmission maintenance and oil changes without the usual mess associated with dropping the pan, and limits ferrous debris from circulating in the transmission.

The pan can be installed by anyone with minimal mechanical experience. It is however, important to closely follow the instructions. We recommend that you read through the instructions completely before beginning the installation, so you can familiarize yourself with the installation procedure. Check the tool list at the end of these instructions for the tools required to install your Deep Oil Pan. When installing your Deep Oil Pan there are several other B&M products you may wish to consider:

TRANSMISSION OIL COOLER: We feel that it is very important that every vehicle should have a transmission oil cooler in addition to the radiator heat exchanger. Heat is the major cause of transmission failures, and an oil cooler is an inexpensive safeguard against overheating. B&M offers a wide range of transmission coolers to suit every need, which are available through your B&M dealer.

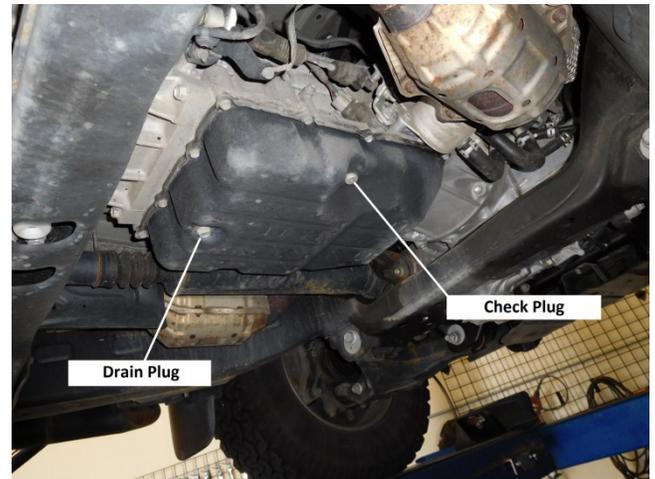
NOTE: This transmission does not come with a dip stick. You will need to follow the factory fluid fill procedure. The procedure varies between specific models. Be sure to acquire this procedure prior to beginning project.

INTRODUCTION

This Deep Oil Pan can be installed in about an hour by carefully following the instructions. Transmission components are precision fit and dirt is the number one enemy of an automatic transmission. Cleanliness is very important, so a clean work surface from which oil can easily be removed is necessary.

CAUTION: Automatic transmissions operate at temperatures between 150°F and 250°F. It is suggested that the vehicle be allowed to cool off for a few hours to avoid burns from hot oil and parts. The vehicle should be off the ground for ease of installation – jack stands, wheel ramps or a hoist will work fine. **MAKE SURE VEHICLE IS FIRMLY SUPPORTED - DO NOT WORK UNDER A VEHICLE IF IT IS SUPPORTED BY ONLY A JACK!** Try to raise the vehicle 1-2 feet so you will have plenty of room to work. Also, have a small box to put bolts in and a drain pan to catch oil.

1. Place a drain pan underneath the transmission. Using a 14mm socket, remove the drain plug and drain the fluid from the pan.



2. When installing new drain plug we recommend using sealant tape on the threads.



3. Install the drain plug and accessory port plug on the new B&M trans pan while you wait for the old trans fluid to drain.



4. Locate the threaded boss inside of the transmission pan. Set the 2" magnet over the boss and secure it in place using the supplied M 6x10mm bolt and M6 lock washer.



5. ****Note: Use blue Locktite on threads****



6. Remove the factory trans pan. Use a 10mm socket and ratchet to remove all the bolts.



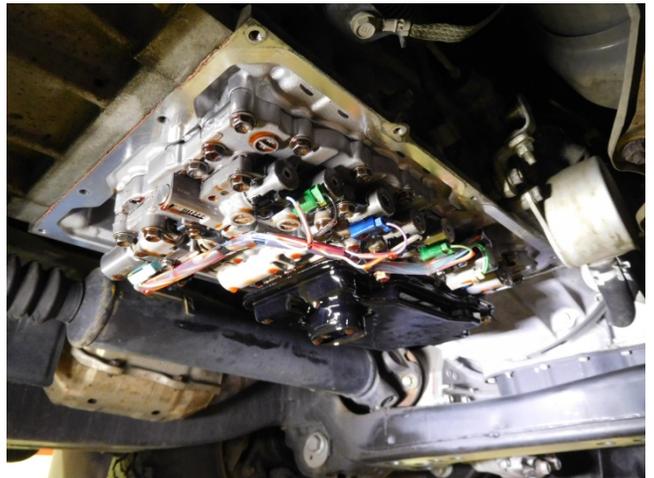
7. Remove old trans pan gasket and the “check” plug off the factory pan. We recommend you clean and thoroughly inspect the current condition of the gasket before reusing. Install pan gasket and factory “check” plug onto the B&M trans pan.



Factory fill plug →



8. Use a lint free rag and clean the transmission pan mounting surface.

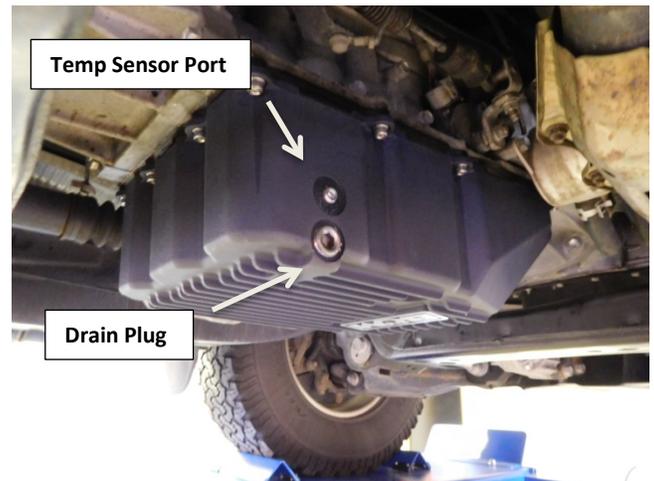


6. Install the new B&M trans pan with the supplied 6mm bolts. Use a 5mm allen socket to install bolts and hand tighten. Next torque the pan bolts to 8ft lbs.

NOTE: A ¼ drive works best



7. The new B&M transmission pan also includes a ¼ NPT port above the drain plug that can be used for an optional transmission temperature gauge. (available separately)



Parts List

- | | |
|----|---------------------------|
| 1 | Aluminum Cast Oil Pan |
| 1 | 1/2" Drain Plug |
| 1 | 1/8" Accessory Plug |
| 1 | Magnetic Drain Plug |
| 1 | M6-10mm Bolt |
| 1 | M6 Lock Washer |
| 1 | 1/4" Oversize Flat Washer |
| 12 | M6-1.0 x 25 mm Bolts |
| 12 | Flat Washer |
| 1 | 2" large magnet |

Tool List

- Drain Pan
- Ratchet & Extension
- 14 mm Socket
- Allen Wrench
- 10mm Socket
- Torxs T30 Socket
- 5mm Allen Socket
- Torque Wrench Ratchet
- ATF
- Jack & Jack Stands

IMPORTANT: RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

Technical Service

A highly trained technical service department is maintained by B&M Racing & Performance to answer your technical questions, provide additional product information and offer various recommendations.

Technical service calls, correspondence, and warranty questions should be directed to:



B&M Racing & Performance Products

(707) 544-4761

www.bmracing.com