



## Installation Instructions TRANSMISSION ADAPTER

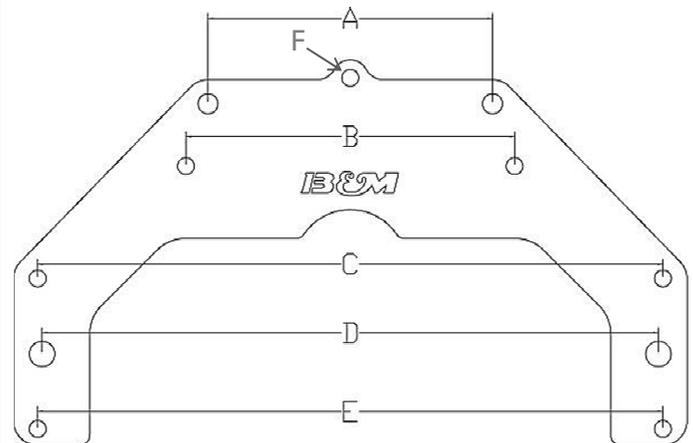
Adapts 1962+ SBC & BBC Engines (not LS or LT)  
to BOP (Buick-Oldsmobile-Pontiac) TH350, TH400 &  
TH700R Transmissions

Catalog # 30497

Rev. 1/7/20

**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. 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.

1. Place the adapter plate on the dowel pins on the rear of the engine block. Holes marked "D". **Note:** The B&M logo should be readable when installed on block as shown in diagram (right)
2. For the bolt holes marked "C", "B" and "F", use the bolts supplied with the kit to secure the adapter to the engine block.
3. Secure the transmission onto the engine, using four of the original transmission to engine bolts. Holes marked "A" and "E".



4. All transmission-to-engine bolts need to be torqued to 35 ft-lbs.
5. Before attaching the converter to the flexplate, install the three spacers supplied with the kit between the flexplate and converter. This will accommodate for the additional thickness of the adapter plate and provide the proper torque converter engagement. Torque the converter-to-flexplate nuts/bolts to 30 ft-lbs.

**Note:** Some transmissions may need the inside webbing in the bellhousing area altered to clear two of the adapter plate kit bolts. Inspect and grind or file as needed.

**IMPORTANT:** Make sure that when installing the torque converter into the transmission, that it is fully engaged into the pump. Failure to do this can result in damage to the transmission and/or torque converter.

