

# MILODON

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## Stainless Steel Transmission Dipsticks

For Part Numbers 22100 through 22160

1. Jack up vehicle on the right side only, as this will reduce the amount of trans fluid lost.
2. Clean around your existing trans tube to remove all dirt, oil and other debris to stop it from falling into the transmission upon removal of your stock stick. Place a drain pan under the trans to catch any fluid that may run out upon stock stick removal.
3. Remove the stock dipstick from the dipstick tube. Stock trans dipsticks usually are attached by a bolt to the bellhousing, remove this bolt. Wiggle the trans dipstick tube upward to remove completely from the vehicle. Reattach the bellhousing bolt securely, as this bolt will not be use to attach the Milodon dipstick.
4. In preparing to install the Milodon trans dipstick, remove the dipstick from the tube assembly. Apply an oil film to the o-rings located on the trans insert of the Milodon stick. Clean around the trans tube hole in the transmission. Position the dipstick tube coming down the bellhousing from the valve cover. Press the trans insert of the Milodon dipstick firmly down into the transmission tube hole.
5. The new trans dipstick tube can mount in two positions. The Firewall mount is available by attaching the 2 ½" supplied firewall mounting bracket to the dipstick tube assembly. The On The Engine mounting uses the Milodon factory attached block mount tab which will bolt on the back of the cylinder head instead of the bellhousing. The only exception to this position being the Big Block Chrysler, as they do not have any bolt holes on the back of the right side head. The last bolt on the intake manifold surface will have to be used for the Big Block Chrysler only.
6. For On The Block mounting, the intended position of the dipstick handle is just behind the right valve cover and intake manifold. An alternate position available on most engines is outboard of the right cylinder head which is stock for the Big Block Chrysler 727 and Small Block Ford C4 trans. You are free to position the dipstick handle wherever you wish, depending on the style of vehicle, firewall position etc. Attach the dipstick block mount tab with the supplied bolt and washer to a head bolt hole adjacent to the desired area of placement. Before final placement is decided on, install the dipstick into the tube. Check that the bolt hole is deep enough for the ¾" supplied bolt. Once the attaching bolt is tightened, go back to the trans end and check that the insert is fully seated into the trans housing.

Note : The dipstick tube is flexible but the stick itself will only bend on one plain. That is to say, it will bend forward and backward but not side to side. All the tube bends coming up from the trans must be on the same plain or the stick will not go through the tube. Once the approximate location is found, inserting the stick into the tube will allow you to identify the final workable positions.

7. For firewall mounting, install supplied Firewall bracket by the center hole. Mount the assembly to the firewall using the two outer holes. Be sure to leave some slack in the tube assembly to allow for engine and trans vibration and movement. Once the dipstick assembly is mounted to the firewall, go back to the trans end and check that the insert is fully seated into trans housing.

### Cautions :

1. The Milodon dipstick tube assembly MUST be fully located down into the trans hole. Do not allow the tube assembly to be so tight that it wants to pull the tube out of the trans.
2. While the Milodon dipstick assembly will with stand up to 400°F, it is a good idea to keep it at least 1-2” away from headers.