



# Technical Service Information

## DAIMLER/CHRYSLER VEHICLES WITH 722.6 TRANSMISSION

### DIPSTICK USAGE

**COMPLAINT:** When the transmission requires a check of the fluid level, no dipstick is found in the filler tube, only a locking cap is found in the top of the filler tube.

**CAUSE:** Vehicles manufactured by Daimler/Chrysler and equipped with the 722.6 transmission do not come equipped with a dipstick with the exception of the Jeep Grand Cherokee which does come with a dipstick.

**CORRECTION:** The dipstick is considered a *tool* by the manufacturer and must be purchased separately. Currently, there are four (4) different dipsticks available depending on vehicle model. The conductor plate shown in figure 1 has a plastic funnel which provides a stop for the dipstick that is used in Mercedes built vehicles. This positions the end of the dipstick a few millimeters OFF the bottom of the pan. The dipstick used in Chrysler built vehicles bottoms out on the pan without deflection. The conductor plate in these applications has the plastic funnel eliminated as shown in figure 2. Three (3) of the four (4) dipsticks will have graduated markings every ten (10) millimeters, these are found in the Chrysler made vehicles. The dipstick for Mercedes Benz made vehicles does not have the ten (10) millimeter graduated markings, instead, it has preset fill level graduations. Figure 3 illustrates the fluid level check procedure for Mercedes Benz built vehicles *ONLY*. Fluid type and capacities can be found in the chart in Figure 4.

Use the part numbers for the correct dipstick/vehicle combination listed under “Service Information”.

### SERVICE INFORMATION:

<i>Dipstick for Mercedes Benz Vehicles.....</i>	<i>M/B #140 589 15 21 00</i>
<i>Dipstick for Sprinter &amp; Crossfire.....</i>	<i>Miller Tool #8863A</i>
<i>Dipstick for Jeep Grand Cherokee.....</i>	<i>Miller Tool #8863B</i>
<i>Dipstick for Chrysler C &amp; 300 Dodge Magnum.....</i>	<i>Miller Tool #9336</i>
<i>Dipstick for 2005 Grand Cherokee.....</i>	<i>Miller Tool #9336</i>

**NOTE:** Miller Tools is the tool supplier for Chrysler Division and can be contacted at [www.miller.spx.com](http://www.miller.spx.com), or 1-800-801-5420.

## DIPSTICK USAGE

### MERCEDES BENZ CONDUCTOR PLATE

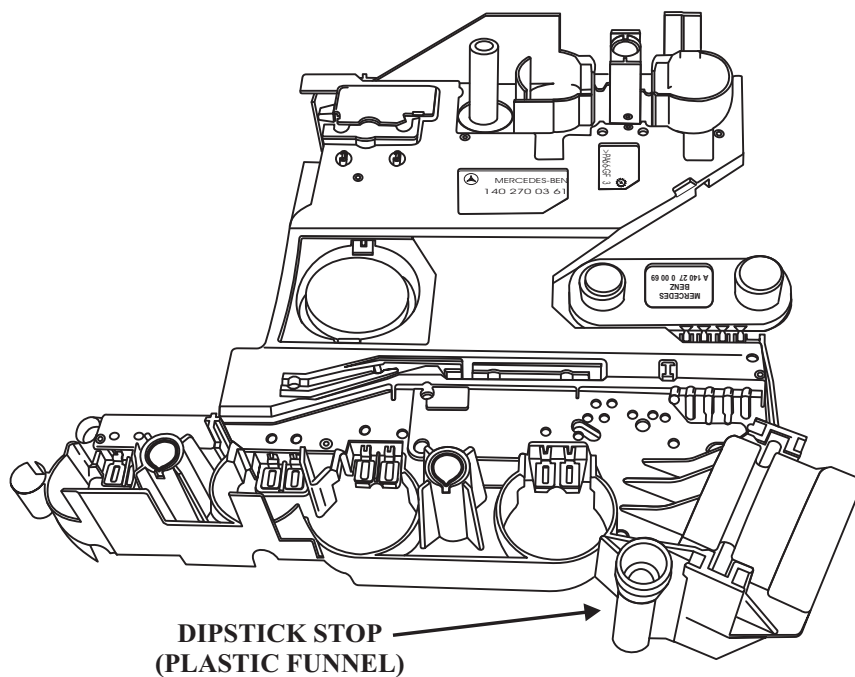


Figure 1

### CHRYSLER CONDUCTOR PLATE

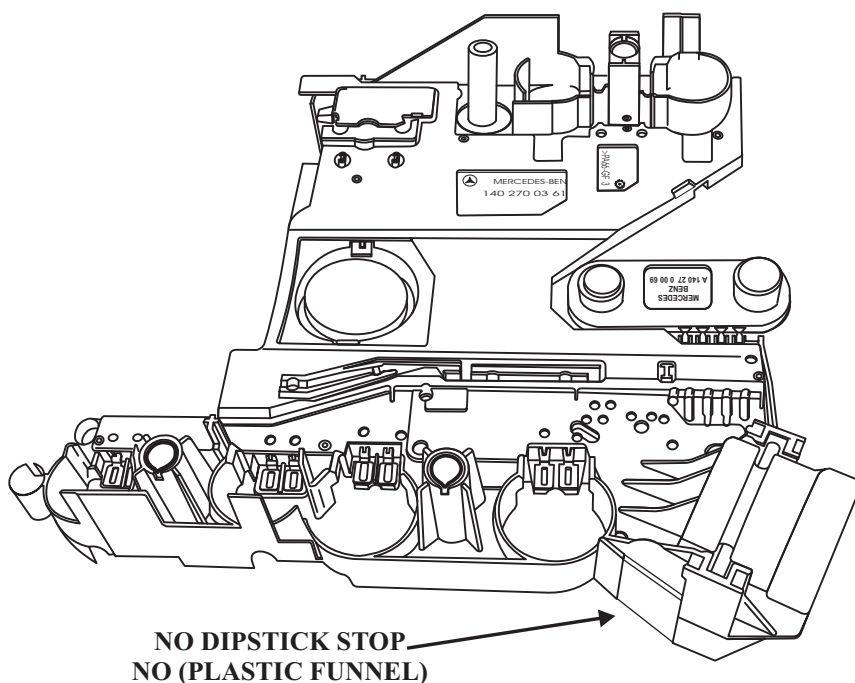
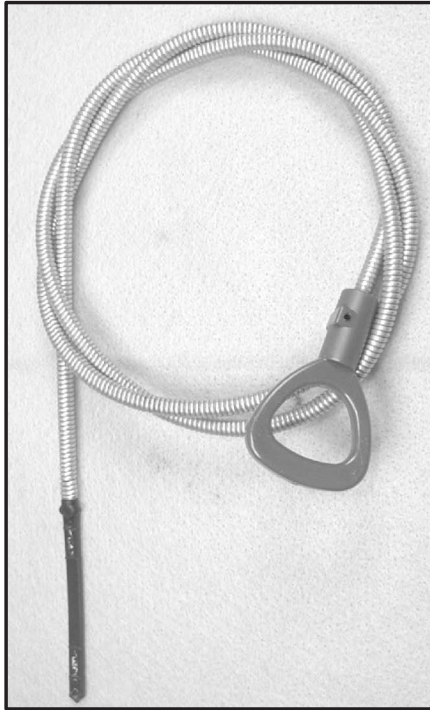


Figure 2

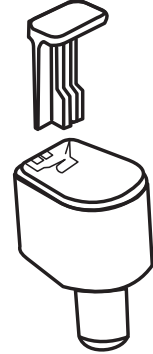
## DIPSTICK USAGE

### FLUID CHECKING PROCEDURE



**STEP 1: REMOVE  
LOCK WITH  
A SCREWDRIVER**

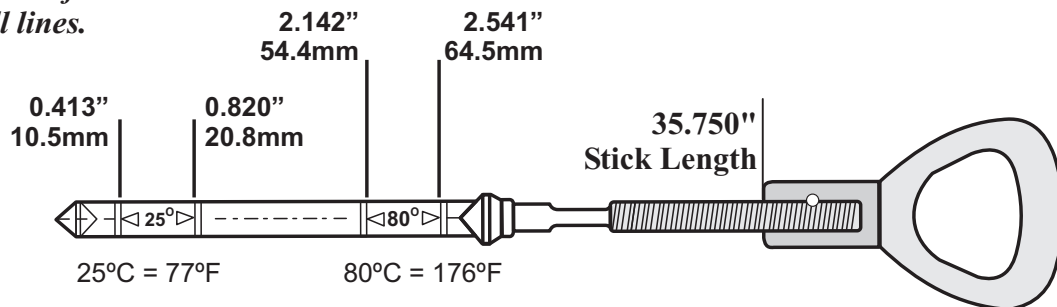
*Part # 05093746AA  
for a new lock pin.*



**STEP 2:  
REMOVE PLUG**



*Approximate measurements taken  
from the bottom of the stick to the  
individual fill lines.*



**STEP 3: USE THIS TOOL TO CHECK FLUID LEVEL**

Figure 3



## Technical Service Information

### AUTOMATIC TRANSMISSION FLUID USAGE

TRANSMISSION FLUID USAGE & CAPACITIES			
VEHICLE MODEL	FLUID TYPE	INITIAL FILL (LITERS)	DRY FILL (LITERS)
MERCEDES BENZ	Mercedes Benz Synthetic ATF (Shell 3403-M 115)	7.5	8.0 - 9.1
DODGE SPRINTER	Mercedes Benz Synthetic ATF (Shell 3403-M 115)	5.0	7.7
CHRYSLER CROSSFIRE	Mercedes Benz Synthetic ATF (Shell 3403-M 115)	5.0	8.0
CHRYSLER 300 C	Mercedes Benz Synthetic ATF (Shell 3403-M 115)	5.0	7.7
JEEP GRAND CHEROKEE	Mercedes Benz Synthetic ATF (Shell 3403-M 115)	5.0	7.7

Figure 4