



# Technical Service Information

## DAIMLER/CHRYSLER VEHICLES

### NAG1, 42RLE, CVT MODELS

### UPDATED DIPSTICK USAGE

**COMPLAINT:** During a routine transmission fluid service or after an overhaul, some DAIMLER/CHRYSLER vehicles equipped with the NAG1, 42RLE or CVT transmission are found to have no dipstick in the fill tube for checking oil level. Only a locking cap is found in the top of the filler tube.

**CAUSE:** Vehicles manufactured by Daimler/Chrysler and equipped with the NAG1, 42RLE or CVT transmission do not come equipped with a dipstick.

**CORRECTION:** The dipstick is considered a tool by the manufacturer and must be purchased separately. Not all vehicles use the same tool for checking fluid level. There is a stick that is used for Dodge Sprinter and Crossfire vehicles equipped with the NAG1 transmission, and a different stick used in Chrysler 300 and Dodge Magnum/Charger vehicles with the NAG1, or 42RLE. The same stick is also used in Jeep Liberty with the 42RLE and Dodge Caliber equipped with the CVT transaxle.

Refer to Figure 1 for information on checking transmission fluid levels. If you choose to fabricate your own stick, make sure the measurements are taken from the bottom of the transmission fluid pan to the correct marks on your fluid level checking stick. Refer to Figure 2 for refill capacity and correct fluid usage.

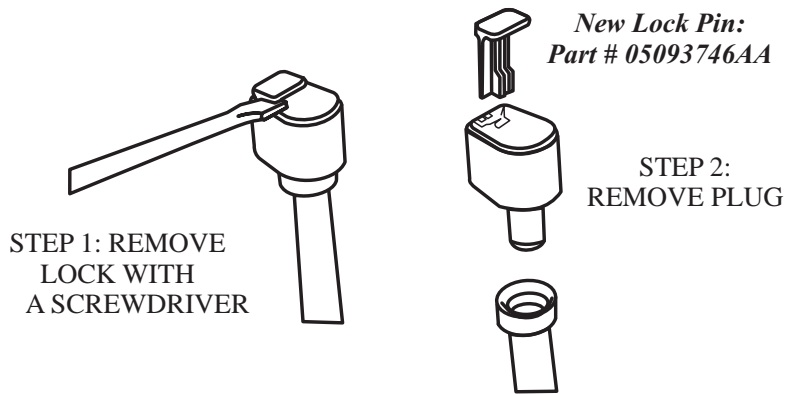
#### SERVICE INFORMATION:

\*Fluid Level Checking Tool 8863B.....Miller Tool Updated Part # 8863B  
*Sprinter and Crossfire only.*

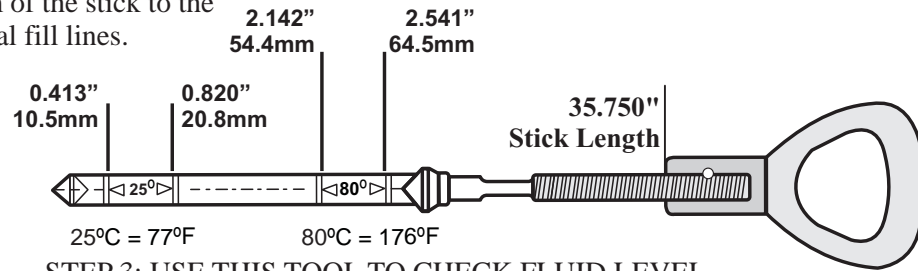
Fluid Level Checking Tool 9336..... Miller Tool # 9336  
*Dodge Magnum, Charger, Caliber (CVT)*  
*Chrysler 300, Jeep Liberty, Compass (CVT)*

\***NOTE:**  
*Part # 8863B is a revised design Fluid Level Checking Tool and is used in place of the previous design Part # 8863A. The revised design tool is stronger and more durable.*

## FLUID CHECKING PROCEDURE STICK # 8863B



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

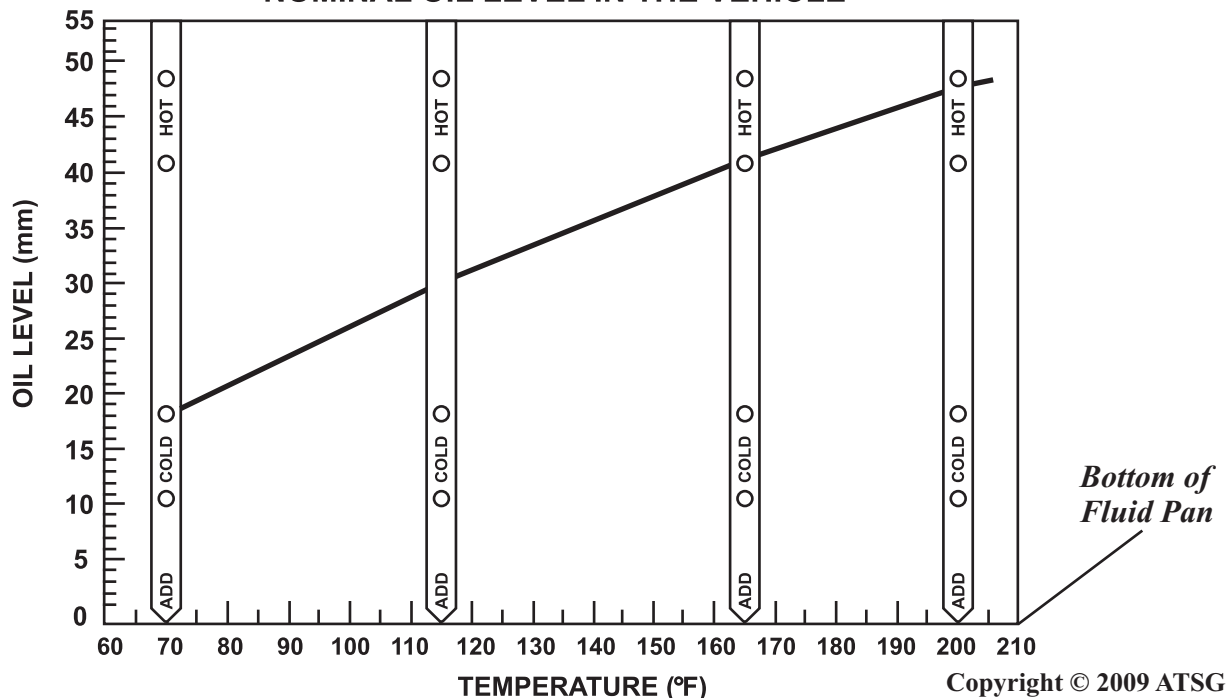


**STEP 3: USE THIS TOOL TO CHECK FLUID LEVEL**

Note: measurements listed above are for Mercedes, used as an example

## FLUID CHECKING PROCEDURE STICK # 9336

### NOMINAL OIL LEVEL IN THE VEHICLE



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Figure 1

## *TRANSMISSION FLUID USAGE AND CAPACITY*

VEHICLE MODEL	FLUID TYPE	SERVICE REFILL		DRY REFILL	
Chrysler 300	Mopar ATF +4	NAG1	5.0 LTR.	NAG1	7.7 LTR.
		42RLE	3.8 LTR.	42RLE	8.3 LTR.
Chrysler Crossfire	Mopar ATF +4	NAG1	5.0 LTR.	NAG1	8.0 LTR.
		—	—	—	—
Dodge Caliber	Mopar CVTF +4	CVT	3.8 LTR.	CVT	8.1 LTR.
		—	—	—	—
Dodge Charger	Mopar ATF +4	NAG1	5.0 LTR.	NAG1	7.7 LTR.
		42RLE	3.8 LTR.	42RLE	8.3 LTR.
Dodge Magnum	Mopar ATF +4	NAG1	5.0 LTR.	NAG1	7.7 LTR.
		42RLE	3.8 LTR.	42RLE	8.3 LTR.
Dodge Sprinter	Mopar ATF +4	NAG1	5.0 LTR.	NAG1	8.0 LTR.
		—	—	—	—
Jeep Liberty	Mopar ATF +4	42RLE	3.8 LTR.	42RLE	8.3 LTR.
		—	—	—	—
Jeep Compass	Mopar CVTF +4	CVT	3.8 LTR.	CVT	8.1 LTR.
		—	—	—	—

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Figure 2