



NUMBER: 03-001-04 REV. A

GROUP: Axle

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THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 03-001-04, DATED JANUARY 13, 2004, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE THE ADDITION OF 2004 RAM TRUCK AND DAKOTA.**

SUBJECT:

Axle Fluid Level

MODELS:

2004	(HB)	Durango
** 2004	(DR)	Ram Truck **
**2004	(AN)	Dakota **

DISCUSSION:

The axle fill holes on some 2004 Dodge Truck axles may be located considerably higher than the actual fluid level. Filling the axle until the fluid comes out of the fill hole will over fill the axle, which could cause fluid foaming. When checking fluid level or filling a rear axle with fluid, you must measure distance from the bottom of the fill hole to the actual fluid level. This can easily be accomplished using a pipe cleaner or piece of wire. Make a 90 degree bend in the wire 2 inches from the end. The wire can then be inserted into the axle fill hole to use as a dipstick. Measure the distance from the bend to the oil level, The fluid levels for the axles are shown in the table below.

(HB) DURANGO

AXLE	FLUID LEVEL - (measured from the bottom of the fill hole)	FLUID CAPACITY
8.25 Rear Axle	22 mm (7/8 in.) ± 6 mm (1/4 in.)	2.0 L (70 oz.) - SAE 75W-140 Synthetic
9.25 Rear Axle	31 mm (1 5/8 in.) ± 6 mm (1/4 in.)	2.1 L (72 oz.) - SAE 75W-140 Synthetic
C-2105F - Front Axle	20mm (3/4 in.) ± 6 mm (1/4 in.)	1.6L (56 oz.) - SAE 75W-90 Non Synthetic

NOTE: The Trac-Lok feature is not available on Durango rear axles. Traction control is provided electronically through the ABS system. Trac-Lok additives or friction modifiers are not required.

****(DR) RAM TRUCK 1500)****

AXLE	FLUID LEVEL - (measured from the bottom of the fill hole)	FLUID CAPACITY
9.25 Rear Axle	6 mm (1/4/in.) ± 6 mm (1/4 in.)	2.1 L (72 oz.) - SAE 75W-140 Synthetic
C-2105F - Front Axle	6 mm (1/4 in.) ± 6 mm (1/4 in.)	1.6L (56 oz.) - SAE 75W-90 Non Synthetic

NOTE: The Trac-Lok feature is available on Ram Truck 1500 series rear axles. Trac-Lok additives are required on axles equipped with Trac Lok.

****(DR) RAM TRUCK 2500 — 3500)****

AXLE	FLUID LEVEL - (measured from the bottom of the fill hole)	FLUID CAPACITY
10.5 Rear Axle	25 mm (1 in.) ± 6mm (1/4 in.)	2.5L (85 oz.) SAE 75 W 90 Synthetic
11.5 Rear Axle	6 mm (1/4 in.) ± 6 mm (1/4 in.)	3.6 L (122 oz.) SAE 75 W 90 Synthetic
9 1/4 Front Axle	6 mm (1/4 in.) ± 6 mm (1/4 in.)	2.2 L (76 oz.) - SAE 75W-90 Synthetic

NOTE: The limited slip feature on 2500/3500 series Ram Trucks utilizes the Trac Rite locking feature which does not require Trac-Lok additives or friction modifiers.

**** (AN) DAKOTA ****

AXLE	FLUID LEVEL - (measured from the bottom of the fill hole)	FLUID CAPACITY
8.25 Rear Axle	6 mm (1/4 in.) ± 6 mm (1/4 in.)	2.1 L (72 oz.) - SAE 75W-140 Synthetic
9.25 Rear Axle	6 mm (1/4 in.) ± 6 mm (1/4 in.)	2.1 L (72 oz.) - SAE 75W-140 Synthetic
C-2105F - Front Axle	6 mm (1/4 in.) ± 6 mm (1/4 in.)	1.6L (56 oz.) - SAE 75W-90 Non Synthetic

NOTE: The Trac-Lok feature is available on Dakota rear axles. Trac-Lok additives are required on axles equipped with Trac Lok.

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