



SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

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E-Series 6.0L Diesel Revised Air Conditioning Refrigerant Charge

To: All industries modifying the Ford air conditioning system on E-Series vehicles

Models Affected: 2004-2006 E-Series with the 6.0L engine built prior to 9/18/2006

Action Requested

Please provide a copy of this bulletin to affected engineering, purchasing, manufacturing, quality, and service personnel. Verify your aftermarket supplier(s) are aware of the change and update their systems and documentation accordingly.

Background

Some 2004-2006 E-350/450 vehicles built through 9/16/2006 and equipped with a 6.0L diesel engine have exhibited A/C compressor failure. A/C system refrigerant and lubricant charge levels have been revised effective 9/18/2006.

Description

To improve system integrity, refrigerant charge levels have been changed as follows:

1. Vehicles with front only A/C – Refrigerant charge is 32 oz. (previous charge was 40 oz.) and lubricant level is 11 oz. (previous level was 9 oz.).
2. Vehicles with Ford factory installed auxiliary A/C - Refrigerant charge level is 54 oz. (previous charge was 60 oz.). The lubricant level is unchanged at 13 oz..

NOTE: FOR SHUTTLE BUSES OR OTHER MODIFIED VEHICLES WITH A 2ND A/C (AFTERMARKET) COMPRESSOR, USE THE "FRONT ONLY SYSTEM" 32 OZ. CHARGE.

Reference

Refer to Ford Technical Service Bulletin 06-24-2 for the complete service procedure and warranty information.

Sincerely,

D. J. Snyder
SVE Quality Programs