



Number: SB211022
 Date: 01/26/06
 Model: ASET™

(Not applicable to Mack Trucks Australia)
 (Supersedes SB211022 dated 07/22/05)

51-Quart Oil Pan — ASET™ AC, AI and AMI Engines

REV

During December 2004, a 52-quart oil pan was introduced as the standard oil pan for CV and CT model chassis equipped with ASET™ AMI-370 and AI-427 engines, and in July 2005, the 52-quart oil pan became standard for CV and CT models with ASET™ AI-400 engines. Also, effective July 2005, this oil pan became an available option on other ASET™ AI and AMI engine models in CV and CT models.

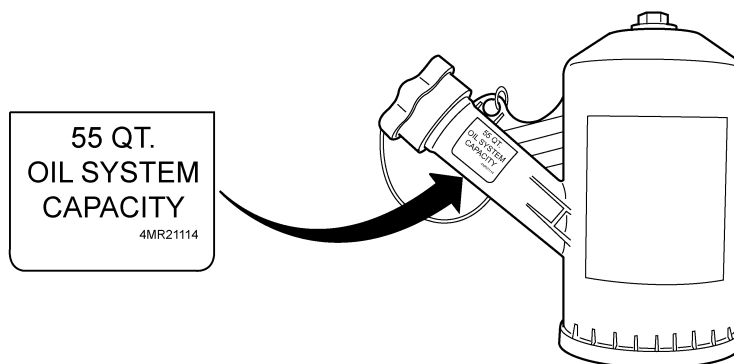
REV

Effective January 17, 2006, a 51-quart oil pan made of 13-gauge material was phased into production, replacing the previous 52-quart oil pan which was made of 14-gauge material. As well as being the standard oil pan on ASET™ AI and AMI engines used in CV and CT models as listed above, the 51-quart oil pan is now the standard oil pan for ASET™ AC-460P and AC-460E engines, and is also an available option for other ASET™ AC engine models. Engines having the 51-quart oil pan have a total oil system capacity of 55 quarts. Oil pan and oil system capacities for ASET™ engines are as follows:

Oil Pan Capacity	Total Oil System Capacity
Engines having 51-qt (48 L) oil pan	55 qts (52 L)
Engines having 36-qt (34 L) oil pan	40 qts (38 L)
Engines having 28-qt (27 L) oil pan (CV all-wheel drive models only)	32 qts (30 L) without Luber-Finer® remote-mounted oil filter 36 qts (34 L) with Luber-Finer® remote-mounted oil filter

REV

To identify engines having the 51-quart (48 L) oil pan/55-quart (52 L) oil system capacity, and to ensure that the proper amount of oil is used to fill these engines at each oil change, a yellow sticker noting the increased oil capacity is affixed to the Centri-Max® filter oil fill spout.



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Figure 1 — 55-Quart Oil System (51-Quart Oil Pan) Identification Sticker

On engines having two oil fill spouts, a sticker is applied to both spouts.

NOTE

REV

The 52-quart oil pan is no longer available through the MACK Parts System, as it has been superseded by the 51-quart pan. When replacing an existing 52-quart oil pan with a 51-quart oil pan, the oil pan identification label, which is located on the oil fill spout(s) and states the total oil system capacity, must be replaced with the new "55 QT. OIL SYSTEM CAPACITY" label (part No. 4MR21114).

REV

The 51-quart oil pan requires a new oil pan mounting isolator (part No. 41GC227). The isolator grommet is of a harder material, which is necessary to provide increased loading on the oil pan gasket, thus reducing the possibility of oil leakage.

NOTE

REV

Implementation of the 51-quart oil pan as standard equipment on ASET™ AC-460P and AC-460E engines has allowed an increase in the mileage/time interval between oil changes for these engines. Refer to SB210036 for the oil drain intervals.
