

# SOLUTIONS

## Cummins N-14 “Rocker Box to Head” Gasket

### ISSUE:

The N-14 Cummins engine was introduced in 1991, and because of its versatility is now used on a wide range of truck applications. The original-equipment (OEM) rocker box cover gasket on the N-14 contains two large grommets, which have a tendency to fall out during the installation process. If the technician does not replace the grommets securely, the gasket may develop leaks.

The OEM rocker box gasket also has a tendency to relax and lose dimensional thickness after installation, which may cause problems with the valve and injector timing.

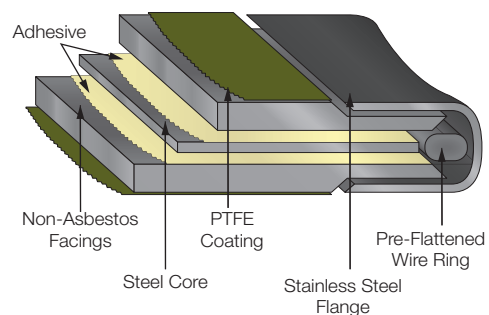
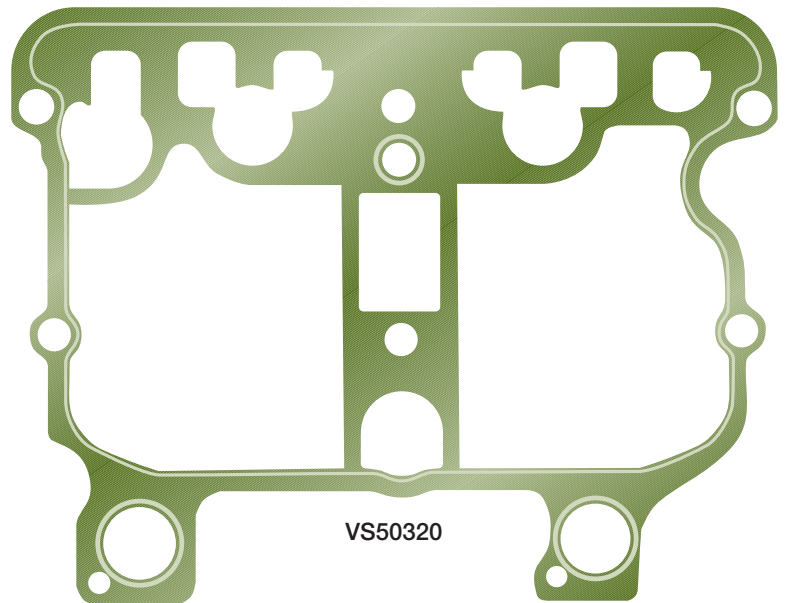
### RESOLUTION:

MAHLE Original has solved this problem by developing a replacement gasket. This solid core composite gasket consists of a steel shim with a raised elastomeric bead applied to the critical sealing area. The MAHLE Original gasket doesn't rely on a loose grommet to seal the engine, so the installation process is much easier.

### APPLICATION:

MAHLE Original part number **VS50320** (OEM part number 3076292) is available for the Cummins N-14E engine, including the 280-E, 300-E, 310-E, 330-E, 350-E, 370-E, 400-E, 410-E, 420-E, 430-E, 440-E, 460-E, 500-E, and 525-E.

*Cummins is a registered trademark of the Cummins Engine Co. All manufacturer names, numbers, symbols, and descriptions are to be used for reference purposes only and do not imply that any part listed is the product of the manufacturer.*



Solid Core Composite