

## **Camshaft Caution for 2007-2016 Mitsubishi Fuso 4M50 Diesel Engines**

The AERA Technical Committee offers the following information on a camshaft caution for 2007-2016 Mitsubishi Fuso 4M50 diesel engines. These engines are a DOHC (Dual Overhead Cam) design. The camshafts are what have been classified as a “hollow tube design” which consists of PM (powdered metal) lobes located on a tube and the tube is extruded to secure each lobe in place.

It has been reported there have been many instances of intake lobes moving at some point in time. This can lead to many related concerns ranging from drivability issues to piston to valve contact. Repair of this condition requires camshaft replacement. At the time of this publication AREA is unaware of aftermarket camshafts for these engines.

Intake and exhaust camshafts are available with Part #ME241668 for the intake location and Part #ME241669 for exhaust. The timing gears are not included with a new cam; they’re keyed and pressed fit for easy replacement. Since both camshafts are of the same design it is certainly possible for exhaust lobe movement as well.



**Figure 1. Camshaft Detail**