

Valve Timing Adjustment Tool for Cummins 10.0 & 11.0L Diesel Engines

The AERA Technical Committee offers the following information regarding a valve timing adjustment tool for Cummins 10.0 & 11.0L diesel engines. Use of this tool will speed up the adjustment process as multiple cam gear replacement time will be reduced.

Cam gears for these engines are pressed onto the camshafts and multiple R&R processes can be very time consuming. Cummins now offers as a “Tool” the camshaft timing gear, Part Number 3824652. It is used in adjusting the static timing on the L10, M11, and ISM engines. It is used to determine the appropriate size of which offset key to use during assembly of the camshaft and cam gear.

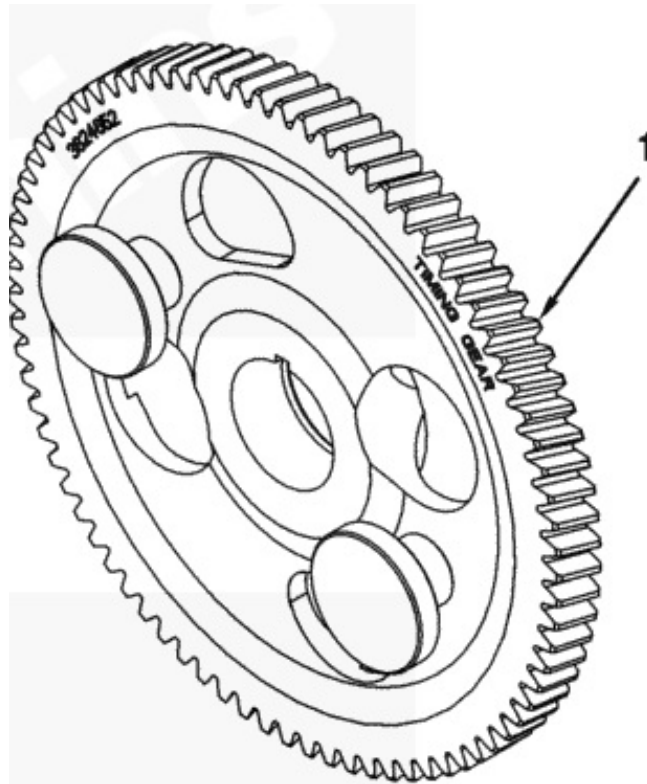


FIGURE 1. Timing Tool Part Number 3824652

The gear is to be used with the static timing injection tool, Part Number 3824942. For additional information on the use of the camshaft timing gear, Part Number 3824652, refer to the M11 Shop Manual, Bulletin 3666075. For additional information on timing the engine, refer to the appropriate shop manual or troubleshooting and repair manual.