

Safety and Emissions Recall Campaign 2A50 2012 - 2014 DL650A/AA Camshaft Identification

Affected Departments: Management, Service, Warranty, Sales, Parts, Accessories

We've received reports that Service Technicians are having difficulty identifying 2012 - 2014 DL650A/AA camshafts. (For reference, see [General No. 123 – DL650, SFV650 and AN650 Tappet Inspection.](#))

When you prepare to install camshafts in an affected DL650 model, remember these tips:

- 1) Look closely at each camshaft as you remove it so you can remember the identification marks, and lay everything out in order on your work bench.
- 2) When you remove the four new camshafts from the boxes contained in the parts kit (P/N 12800-11810-RX0), lay everything out in order on your work bench. This will help to prevent confusion as to which camshaft goes where in the cylinder heads.

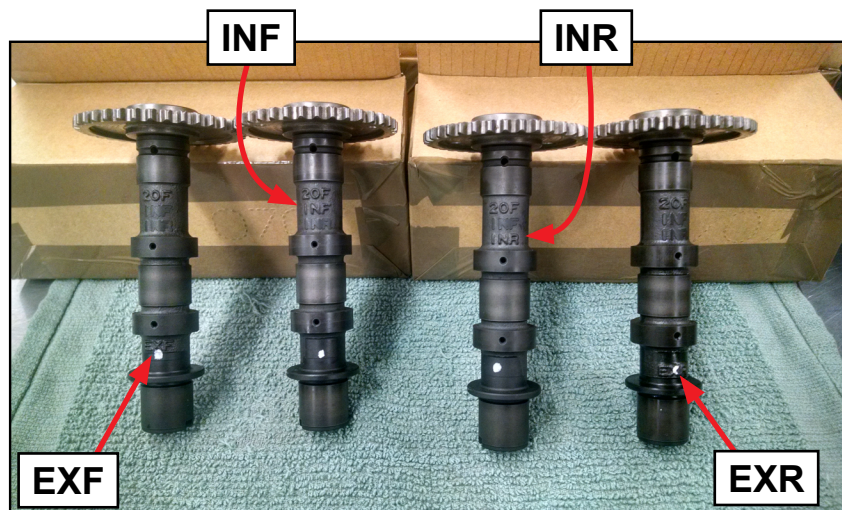
For the front cylinder head:

- Intake Camshaft P/N 12710-11J00 has **INF** (Intake Front) raised lettering on the shaft.
- Exhaust Camshaft P/N 12720-20F00 has **EXF** (Exhaust Front) raised lettering on the shaft.

For the rear cylinder head:

- Intake Camshaft Rear P/N 12730-11J00 has **INR** (Intake Rear) raised lettering on the shaft.
- Exhaust Camshaft Rear P/N 12740-20F00 has **EXR** (Exhaust Rear) raised lettering on the shaft.

**DL650 Camshafts
removed from
the parts kit box**



- 3) After installing the camshafts onto the cylinder heads, follow the instructions on pages 1D-35 through 1D-40 of the DL650 Service Manual for aligning the timing marks on the camshaft sprockets.

NOTICE

Incorrect alignment of the timing marks on the intake and exhaust camshaft sprockets can result in severe damage to the valve train.

Pay close attention to the directions in the Service Manual to make sure you are referencing the correct timing marks for the camshaft you are adjusting.

- 4) Complete the recall repair as instructed in [General No. 123 – DL650, SFV650 and AN650 Tappet Inspection](#).