F2CFA614B*E019
F2CFA614C*E019
Tier 2
Engine

SERVICE MANUAL

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CASE CONSTRUCTION

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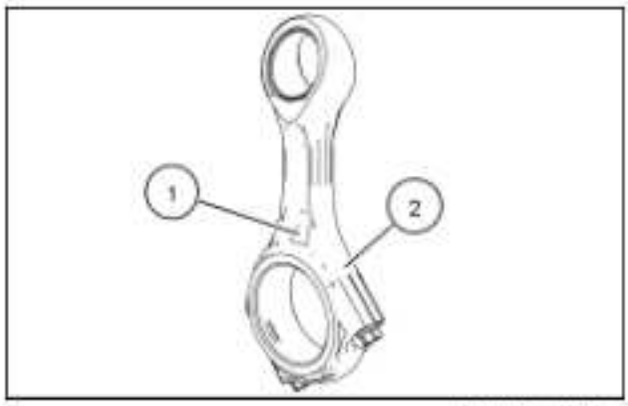
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Crankshaft - Service instruction - Bearing selection

1. Determine the class of each connecting rod by identifying the color code marked on the connecting rod as shown.
   - **(1)** - Weight grade
   - **(2)** - Diameter class
2. Use the tables below to identify the weight grade and diameter class of each connecting rod.



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Weight grade

Color	Grade	Weight
Yellow	A	3450 - 3470 g (121.70 - 122.40 oz)
Green	B	3471 - 3490 g (122.44 - 123.11 oz)
Blue	C	3491 - 3510 g (123.14 - 123.81 oz)

Diameter class

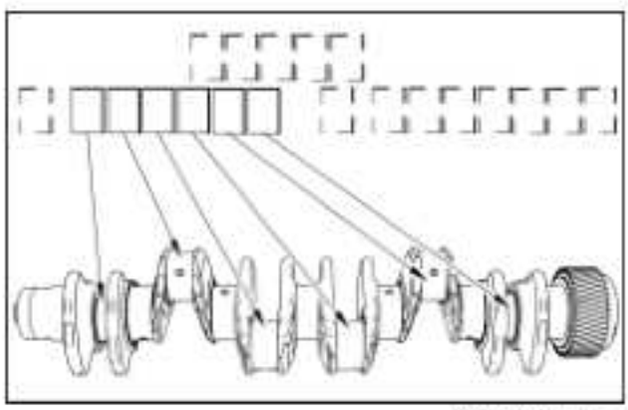
Color	Class	Diameter
Yellow	1	85.987 - 85.996 mm (3.3853 - 3.3857 in)
Green	2	85.997 - 86.005 mm (3.3857 - 3.3860 in)
Blue	3	86.006 - 86.013 mm (3.3861 - 3.3863 in)

3. Determine the diameter class of the crank pin journals. The class numbers are stamped on the last throw of the crankshaft at the time of manufacture.

NOTE: *If the crankshaft has been ground or you cannot find the stamping, each journal must be measured and classed individually.*

4. Use the tables below to determine the correct bearing halves to be used for each connecting rod and crank pin combination.

NOTE: *The upper* ***(U)*** *and lower* ***(L)*** *bearing halves can be different thicknesses.*



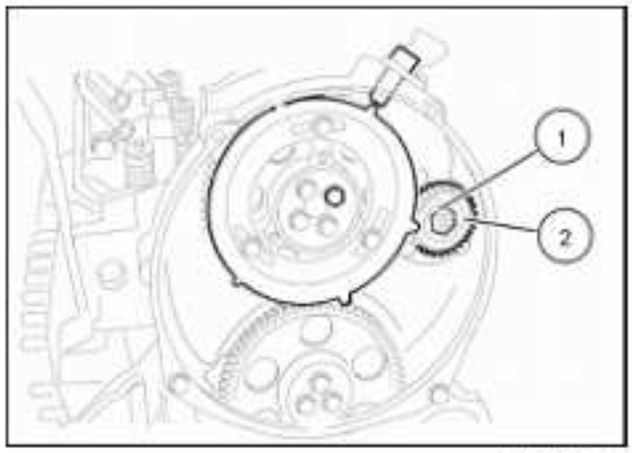
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Injection pump drive - Remove

Prior operation:
Engine block cover Rear - Remove (10.102)

1. Remove the nut **(1)** securing the gear **(2)** to the shaft and remove the gear.
2. If removal is difficult, loosen the pump screws and lightly tap on the shaft with a hammer. Remove the gear.



GEARDRIVE 1

Next operation:
Injection pump drive - Install (10.114)

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