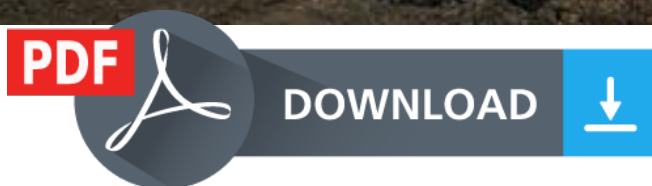


2014 Doosan DX380LC-5 Crawled Excavator Service Repair Workshop Manual





Shop Manual

DX380LC-5 Excavator

Serial Number 10001 and Up

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5. Remove camshaft gear.



FG020465

Figure 289

Installing the Camshaft Gear

1. Install the intermediate gear as described in the work description Installing the intermediate gear on page -156.
2. Install the camshaft gear and tighten the screws.
3. Install the flywheel housing according to the section Installing the flywheel housing.
4. Install the flywheel according to the section Installing the flywheel.

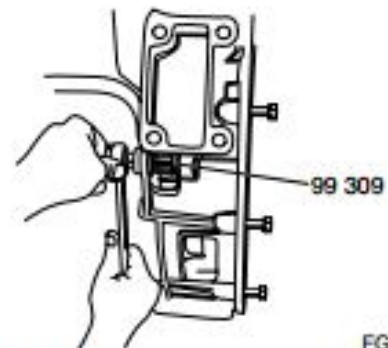


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Figure 290

Removing the Crankshaft Gear

1. Turn the crankshaft so cylinder number 1 is close to TDC. Use tool 99 309 and a locking bar on the flywheel starter gear.
2. Remove flywheel according to the work description removing the flywheel.
3. Remove flywheel housing according to the work description removing the flywheel housing.
4. Remove intermediate gear.



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Figure 291

IMPORTANT

After removing the intermediate gear, neither the camshaft nor the crankshaft must be rotated. This can cause pistons and valves to collide and be damaged.

Installing the Oil Cooler

1. Clean the gasket faces on the cylinder block and oil cooler cover.
2. Install the oil cooler cover (1) with a new gasket.
3. Install the lower coolant hose (2).
4. Install the oil filter housing (3) with a new gasket and new oil filter.

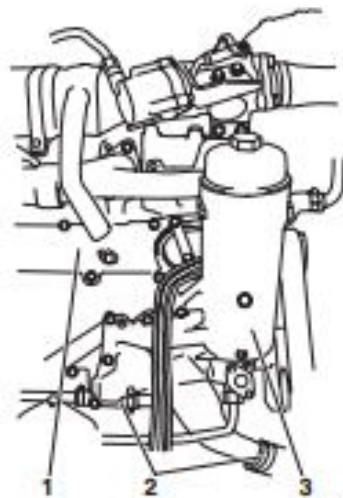


Figure 319

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5. Install the clamp of the turbocharger cable harness (4).
6. Install the oil pressure sensor (5) and the coolant temperature sensor (6).
7. Install the hose and coolant pipe (7) on the water-cooled EGR cooler.
8. Install the turbocharger.
9. Fill and bleed the cooling system.

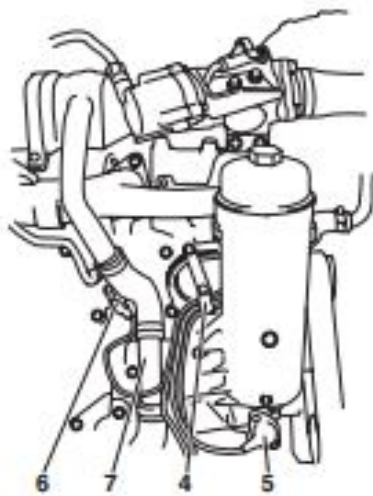


Figure 320

WL1400049



Thank you very much
for your reading.
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to get more information.