



New Timing Gear Plate With Integrated Gasket - Installation Instructions And Information



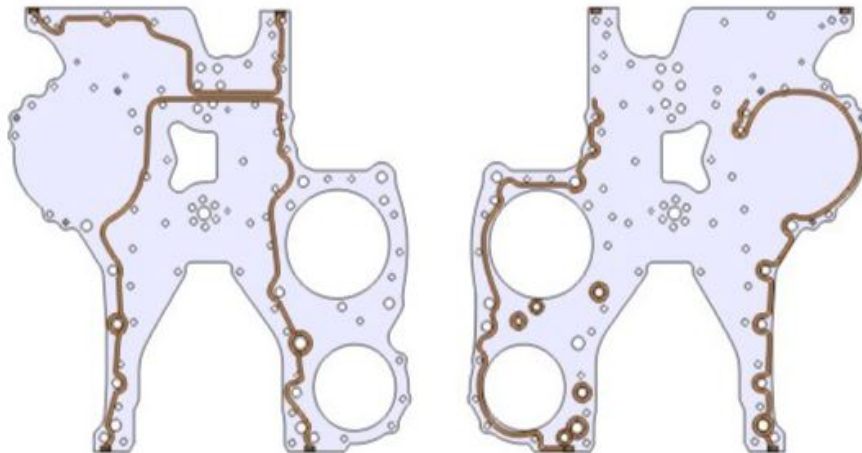
> Internal Content

Note: If the timing gear plate, timing gear cover, or flywheel housing need to be replaced, all three parts must be replaced. Please refer to TPI 212-031 in [Impact](#).

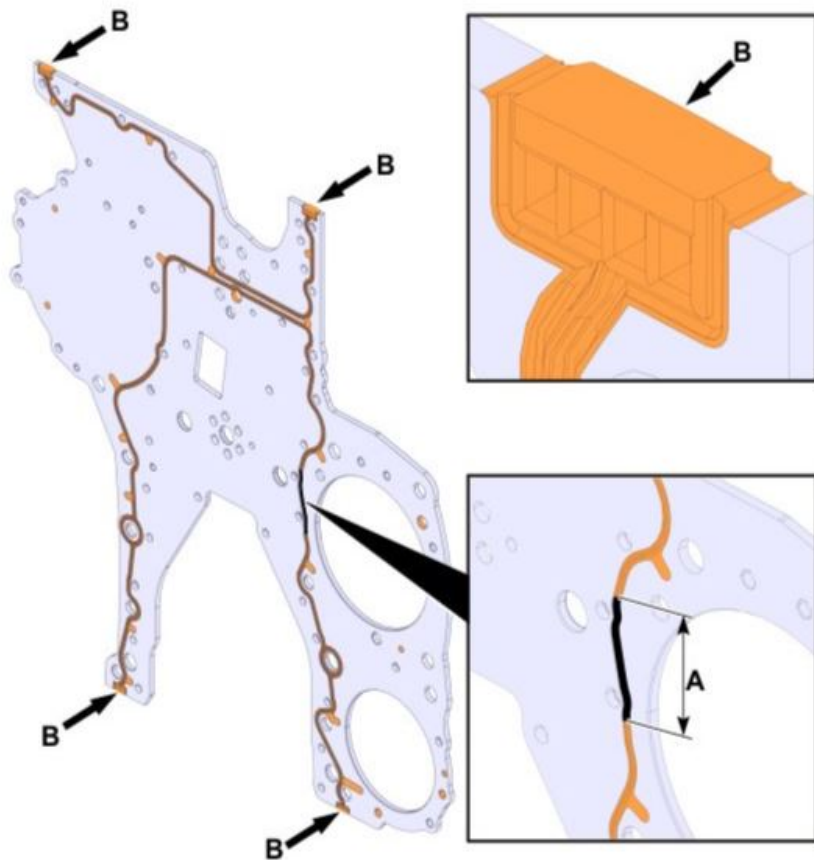
Installation Instructions

- Clean the cylinder block and cylinder head contact surface. Clean the timing gear plate.

NOTE: Use an appropriate cleaning agent. Ensure that the cleaning agent is completely evaporated before mounting the timing gear cover.



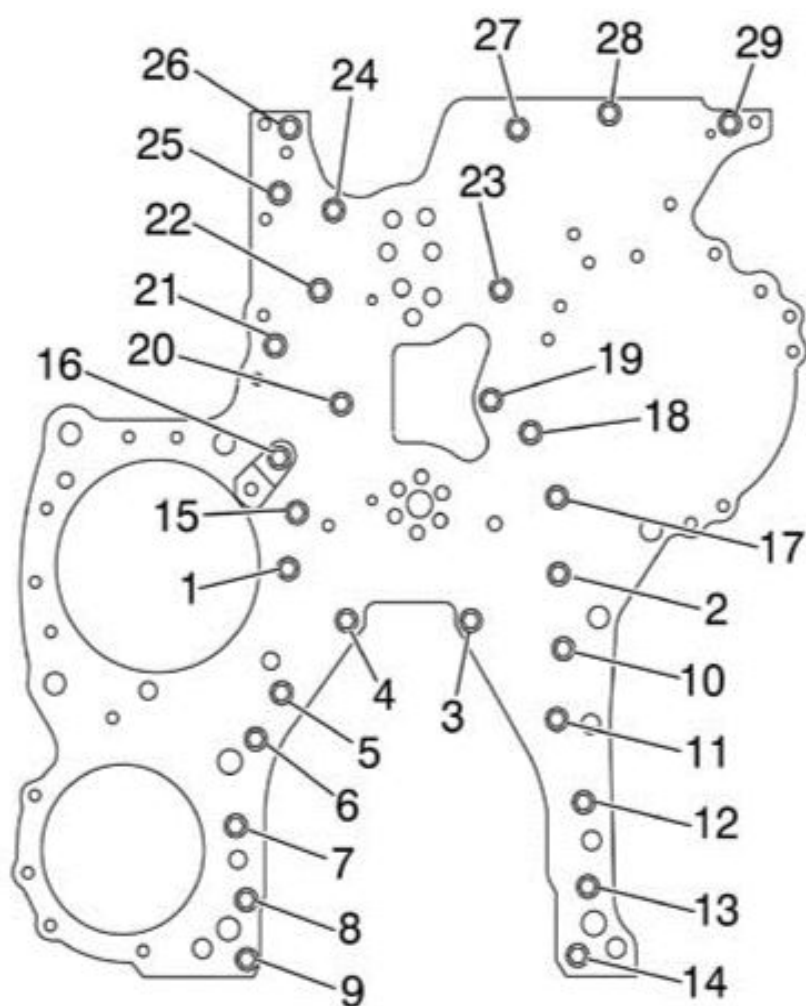
- Sealant is NOT used on the timing gear plate with integral gasket. Sealant may be used for repair of the integral gasket.



Repair

The timing plate may still be used if small sections of the integrated gasket are found to be damaged as long as the conditions below are met:

- Use sealant to repair the integral gasket. The repair can be no more than 100 mm (3.937 inch) in length (A). The thickness of the sealant bead (for the repair) is 2 mm (0.079 inch). The integral gasket can be repaired in multiple places.
- The timing gear plate must be installed to the cylinder block within 20 minutes after applying the sealant.
- If any of the four pads (B) are damaged or loosened, the timing gear plate must be replaced.



- Timing gear plate, tighten in sequence shown..... 28 ± 4 Nm (21 ± 3 ft-lb)

NOTE: The timing gear plate with the integrated gasket is a reusable component and should only be replaced when it can not be repaired.



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Oil leakage at the T-joint between the upper plastic timing gear cover and the cylinder head can be observed in some situations. In order to solve this problem, it is possible to replace the timing gear plate by a new one with integral seal.

If the timing gear plate is replaced with the new part, the timing gear cover and the flywheel housing must be replaced with new part as well. If a Current-Part-Number part is replaced with a New-Part-Number part, all three parts must be replaced at same time.

All previous part numbers remain active to attend others repairs.

Current Part Number	New Part Number	Description
21892734	22190294	Timing Gear Plate
22121028	22992289	Timing Gear Cover
21347407	22986940	Short Flywheel Housing
21347406	22986942	Long Flywheel Housing