

TECH TIP

OIL PAN GASKET REMOVAL PROCEDURE

SUBJECT VEHICLES: All Hino trucks

Note: This technical tip is provided as technical information and is not authorization for a warrantable repair.

WARNING: DO NOT USE SURFACE CONDITIONING DISCS, SUCH AS SCOTCH-BRITE™, OR SIMILAR CLEANUP DISCS ON A DIE GRINDER TO CLEAN THE ENGINE BLOCK.

OVERVIEW:

The following tech tip is to assist in removing the oil pan gasket when the oil pan is removed. Also, the use of surface conditioning discs to clean the engine block may cause severe engine damage.

REPAIR PROCEDURE

1. Remove the oil pan, in most cases the oil pan gasket will stick to the block.



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2. Using the ball peen side of the hammer, hammer between the threaded holes along the center of the gasket. This will release the adhesive between the gasket and block.



3. Using the flat side of the hammer, hammer between the threaded holes along the center of the gasket. This will release the adhesive between the gasket and block.



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4. Use a gasket scraper or similar tool to remove the gasket from the block. A plastic scraper may be used to remove the gasket.



5. To reinstall, reverse the removal procedure.

WARNING: DO NOT USE SURFACE CONDITIONING DISCS, SUCH AS SCOTCH-BRITE™, OR SIMILAR CLEANUP DISCS ON A DIE GRINDER TO CLEAN THE ENGINE BLOCK.

- **Do not use surface conditioning discs, such as Scotch-Brite™, or similar cleanup discs on a die grinder**
 - The abrasive grit comes off the discs and will get into the engine
 - It then plugs the oil filter, putting it into bypass mode
 - Then the grit is circulated through the engine and it causes premature bearing failure
- **We have document cases where all the bearings failed 100 miles after an oil pan gasket replacement.**
 - We have some photos (see below) of the oil filter on one of the engine failures
 - The oil and filter were changed at the time of the job

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Oil filter of failed engine due to abrasive disc use

