



This Service Bulletin replaces bulletin, "Pilot Bearing", PV729-FSB412-003\_M (USA45504) dated (11/2010).

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Pilot Bearing

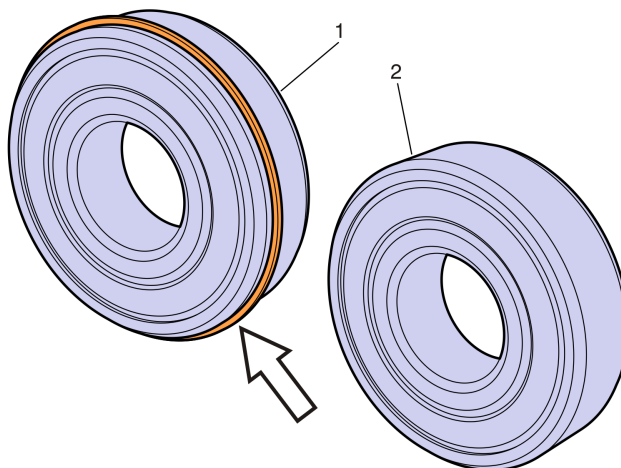
CHU, CXU, GU, TD, MRU, CTP, CXP

MP7, MP8, MP10

## FSB 412-003, Pilot Bearing

The pilot bearings (part number 25100046) used on all Mack legacy engines from the E6 through the ASET engine families have an external snap ring which fits into a recessed area of the flywheel. The new MP engine family does not have this recessed area in the flywheel and requires a new pilot bearing (20512915) which does not have the external snap ring.

**Note:** This bulletin applies to Mack Trucks Australia.



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Pilot Bearings			
Item	Mack #	Part Number	Description
1	46AX540	25100046	Pilot Bearing With Snap Ring
2	46AX539	20512915	Pilot Bearing Without Snap Ring

If the incorrect pilot bearing (with external snap ring) is used in an MP engine flywheel, the additional thickness of the snap ring will move the crankshaft forward into the engine block resulting in zero clearance at the crankshaft thrust washer area. Continuous operation without clearance will cause the crankshaft thrust washers to fail prematurely and progressively damage the crankshaft and engine block.



### CAUTION

Extreme caution should be taken when using aftermarket pilot bearings, especially if the flywheel does not require a pilot bearing with an external snap ring. The external snap ring should be removed before installation.



**CAUTION**

No snap ring is required on the new pilot bearing for Mack MP series engines. Failure to replace pilot bearings with the correct part number for Mack MP engines will result in severe engine damage.