Mack SNM 15-013 US07, US10, and US13 MP7 Reman Engine Cylinder Block Updates

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To: *U.S. and Canada Mack General Managers*
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U.S. and Canada Mack Warranty Managers

Bulletin: *SNM15-013*
Date: *March 17, 2015*
Valid to: *Until Further Notice*
Replaces: *N/A*
Action Required? **Yes**

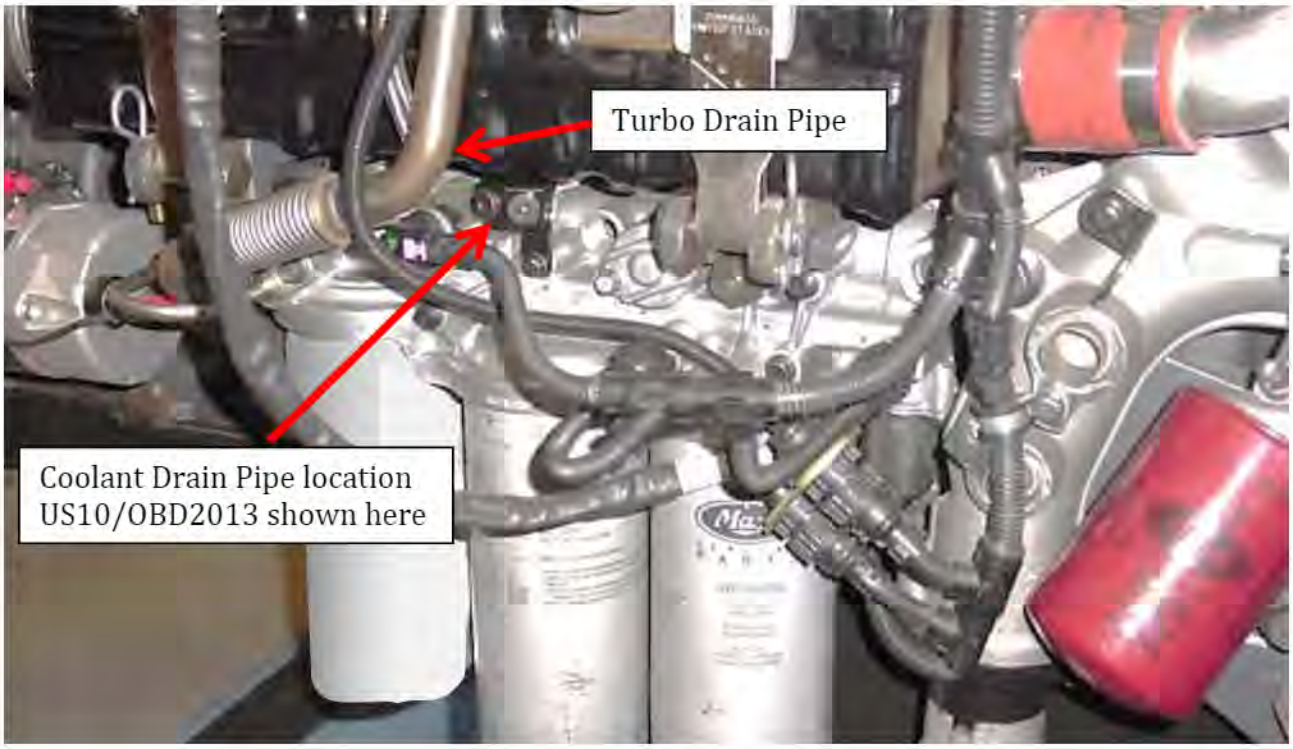
From: *Greg Holderfield – Director, Product Reliability*

Subject: *US'07, US'10, & OBD'2013 MP7 Reman Engine Cylinder Block Updates*

When receiving a Remanufactured engine for the replacement of an US'07, US'10 or OBD'2013 MP7 engine, the block used in the remanufacturing process may be upgraded to a newer type. Some of the associated parts used in the final assembly may not fit correctly due to interference with cast in bosses, or boss relocation (see illustration 1) and some parts may need to be upgraded as well.

Parts Ordering:
Listed are the parts required for remanufactured MP7 engines when a new block 22073580 is used in place of a 21236687 block. Reuse the plugs or fittings from the original coolant drain pipe with the new gaskets.

Note that on the US'10 block 21236687 and older, the surface for the oil filter housing mounting area is different. The original blocks had a large square opening for oil return from the oil filter housing (see illustration 2). The new block has a 9/32" drilled hole (see illustration 3). The return oil volume in this function is not excessive so the 9/32" hole is sufficient for the oil return.



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Illustration# 1

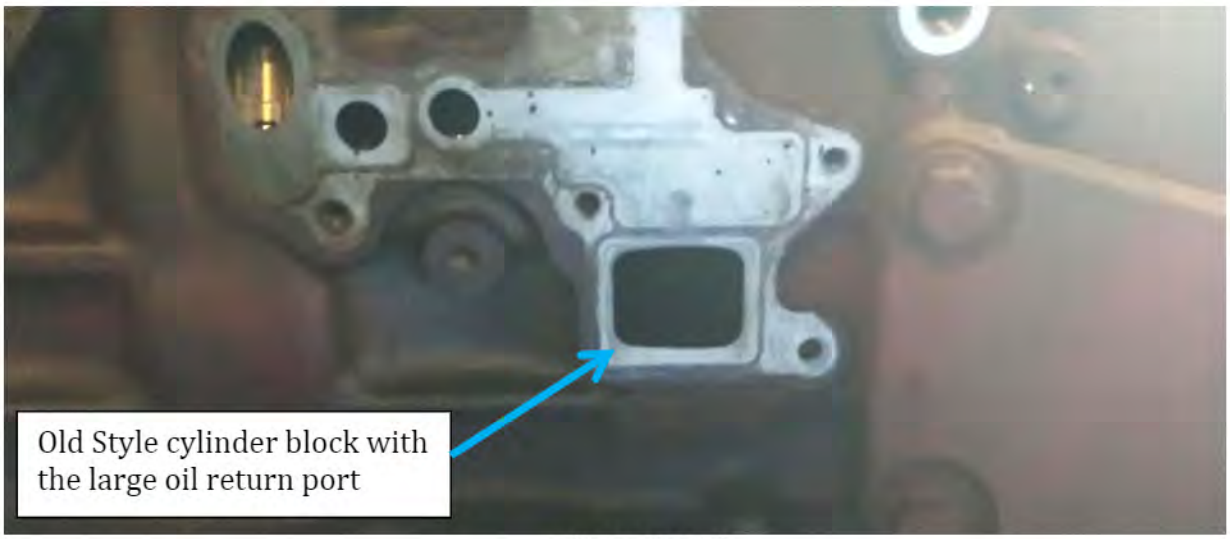
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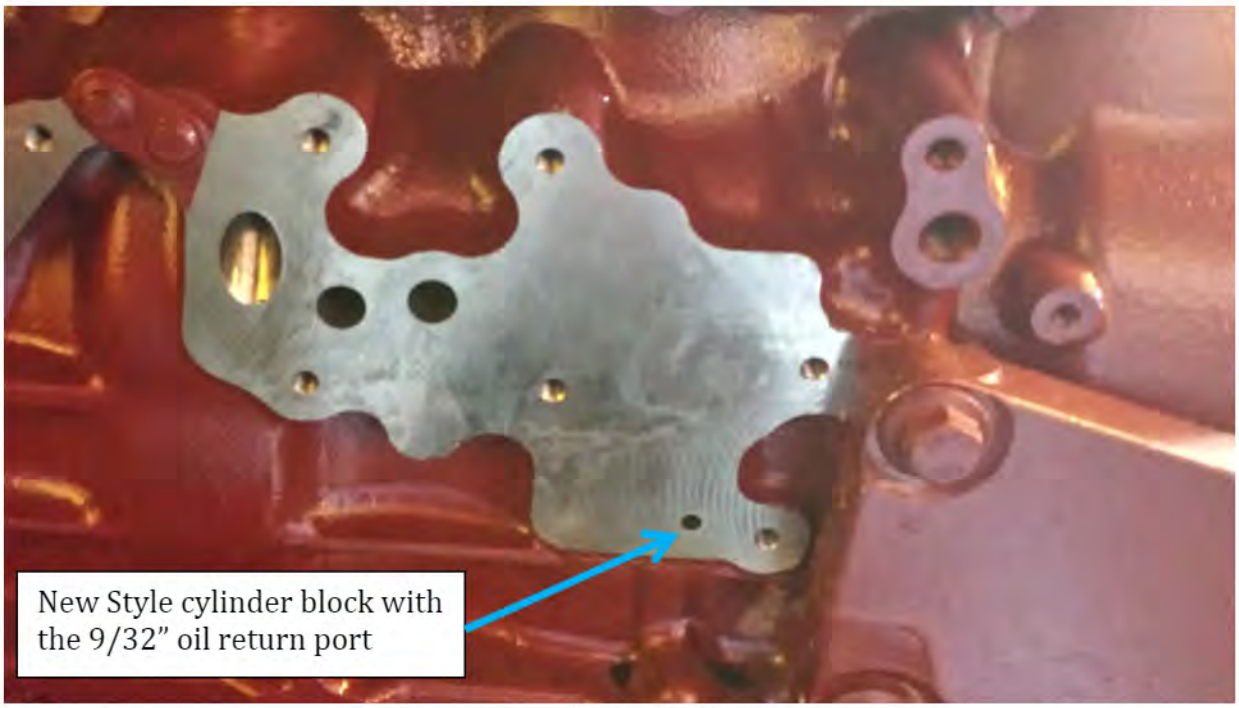
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Illustration# 2



Illustration# 3

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Parts Required When Cylinder Block 22073580 is Used.

US'10 & OBD'2013

TYPE-N (Conventional chassis)	Part Name	Quantity
22097764	*TURBO OIL DRAIN PIPE*	*1*
21760693	*US'10/OBD'2013 COOLANT DRAIN PIPE*	*1*
979097	*GASKET*	*2*
992061	*HOLLOW SCREW*	*1*
11994	*GASKET*	*2*

TYPE-OL / OM (Cab-Over Chassis)

22097766	*TURBO OIL DRAIN PIPE*	*1*
21760693	*US'10/OBD'2013 COOLANT DRAIN PIPE*	*1*
979097	*GASKET*	*2*
992061	*HOLLOW SCREW*	*1*
11994	*GASKET*	*2*

US'07

TYPE-N (Conventional chassis)	Part Name	Quantity
21760696	*US'07 COOLANT DRAIN PIPE*	*1*
979097	*GASKET*	*2*
190714	*HOLLOW SCREW*	*1*

If you have any questions or need additional information please contact your TSM.

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