



This Service Information bulletin supersedes SI B13 03 09 **dated November 2009**.

NEW designates changes to this revision

SUBJECT

N54 Special Limited High-pressure Pump (HDP) Emissions Warranty of 10 Years/120,000 Miles

MODEL

NEW

MY 2007, 2008, 2009 E60, E61 – 535i, 535xDrive with N54 engine

MY 2007, 2008, 2009 E90, E92, E93 – 335i, 335xDrive, 335Ci, 335Ci xDrive, 335Ci with N54 engine

MY 2008, 2009 E82, E88 – 135is with N54 engine

MY 2009 E89 – Z4 sDrive 35i with N54 engine

MY 2009 E71 – X6 xDrive 35i with N54 engine

SITUATION

BMW has become aware of a potential problem that could affect the durability of the High-pressure Fuel Pump (HDP) of certain MY 2007, 2008, and 2009 BMW automobiles equipped with N54 engines. We estimate that only a small percentage of vehicles will actually develop a problem. Vehicles affected may have the Service Engine Soon lamp illuminated with various low fuel pressure-related faults (e.g., 29DC, 29F1, 29F2) stored in the Engine Control Module (DME). Also, the affected vehicles may experience an extended engine starting time ("long crank") or reduced engine performance ("engine failsafe mode") when the High-pressure Fuel Pump malfunctions.

CORRECTION

NEW In the event that the High-pressure Fuel Pump of an MY 2007, 2008 or 2009 3 Series vehicle (335i/xi Sedan/Coupe/Convertible), MY 2007, 2008 or 2009 5 Series vehicle (535i/xi Sedan/Sports Wagon), MY 2008 or 2009 1 Series vehicle (135is Coupe/Convertible), MY 2009 Z4 sDrive 35i, or MY 2009 X6 xDrive 35i equipped with the N54 engine exhibits the symptoms listed above, it should be replaced with the improved part (P/N 13 51 7 592 881). For HDP diagnostic and replacement instructions, refer to SI B12 55 06 and RA 13 51 017, found in BMW TIS.

IMPORTANT:

Since Monday, October 19, 2009, a **Part Replacement Authorization has been required** (via submission of a TC Case) **for replacement of the N54 HDP Pump** on E82, E88, E89, E60, E61 and E71 vehicles. For details related to the "N54 Fuel System TC Action", refer to SI B13 08 09.

PARTS INFORMATION

Part Number	Description	Quantity
13 51 7 592 881	HDP High-pressure Fuel Pump	1
11 61 7 547 242	Profile manifold gasket kit	1

13 53 7 582 770

ASA bolt M8x17.5

1

EMISSIONS WARRANTY INFORMATION

Part Replacement Authorization must be obtained for E82, E88, E60 and E61 vehicle repairs requiring replacement of the HDP pump, or other fuel system components affected by the "N54 Fuel System TC Action" listed in SI B13 08 09.

Any TC part replacement must be preapproved by the TeileClearing process if it is to be paid by BMW NA. **TC part replacement without prior approval will be subject to debit. Claims submitted without prior approval will not be eligible for payment by BMW NA.** When submitting a warranty claim for the replaced part, the PuMA case number must be specified in the comment section.

As a commitment to our customers and to demonstrate our confidence in our product, BMW will extend the emissions warranty of the High-pressure Fuel Pump (HDP) from 4 years or 50,000 miles to 10 years or 120,000 miles, whichever comes first.

The emissions warranty extension for this component applies to the above-listed models only, and is transferable to any subsequent purchaser of these models.

This extended emissions warranty is applicable to vehicles registered in all 50 states.

Warranty coverage for all other parts is not affected.

BMW will inform all affected owners of the above-listed models of their extended High-pressure Fuel Pump emissions warranty. A sample letter is attached.

The following Emissions Warranty Information should be used if the High-pressure Fuel Pump (HDP) replacement becomes necessary, as outlined above:

Defect Code	13 51 90 12 00	Replace HDP pump. Includes: residual fuel pressure drop test with mechanical gauge installed, deleting any HDP fault codes & adaptation values stored in the DME
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NEW Main Work

Labor Operation:	Labor Allowance:
00 58 272	Refer to KSD2** –E60, E61
	Refer to KSD2** – E82, E88, E89, E90, E92
	Refer to KSD2**– E93, E71

NEW +Associated Work

Labor Operation:	Labor Allowance:
00 58 912	Refer to KSD2**- E60, E61
	Refer to KSD2**E82, E88, E89, E90E92
	Refer to KSD2**– E93, E71

** Labor time allowances can be located in the KSD2 by entering the VIN, clicking on the **Search** button and

then entering the listed flat rate in the **FR code** field.

Note: The following explanations spell out the correct use of the work times.

- Main Work:** Use this labor operation number when the only repair performed is the listed warranty repair.
- OR
- +Associated Work:** Use this labor operation number when other repairs or services are performed along with the listed warranty repair. Under no circumstances should both labor operation numbers be claimed. Attempts to claim both times will result in an unnecessary delay in claim processing and payment.

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