



PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

MODEL

E46 with M54/M56 from 09/02 up to 12/04	E39 with M54 from 09/02 up to 07/03	E53 (X5) with M54 from 09/02 up to 12/04	E65/E66 with N62/N73 from 09/01 up to 12/04
E85 (Z4) with M54 from 09/02 up to 12/04	E83 (X3) with M54 from 09/03 up to 12/04		

SITUATION

Internal insulation failure of BREMI ignition coils may cause reduced ignition firing power, or ignition coils failure. The customer may complain of erratic engine performance and the "Service Engine Soon" light illumination.

In order to remedy this situation, BMW is conducting a Voluntary Emissions Recall Campaign to check, and replace if necessary, ignition coils in all affected vehicles.

A copy of the customer notification letter is attached.

AFFECTED VEHICLES

This Recall Campaign involves 325i, 330i, 525i, 530i and X5 3.0i vehicles with M54/M56 engines produced from 09/02 up to 11/29/04. Also, 745i, 745Li, 760Li vehicles with N62/N73 engines and Z4 and X3 vehicles with M54 engines which were produced from series introduction up to 11/29/04.

In order to determine if a specific vehicle is affected by this Recall Campaign, it will be necessary to utilize the "Service Menu" of the DCS (Dealer Communication System). Based on the response of the system, either proceed with the corrective action or take no further action.

The Chassis Number Ranges listed below are **only** for informational purposes and are not to be considered as the only deciding factor.

Model	Chassis Number Range
325i	KL58793 KL62880
	NH02298 NH05784
	PD00558 PD01068
325iA	KL78812 KL89995
	KR24002 KR32361
	PD56824 PD58282
	NJ21783 NJ47934
	NJ80013 NJ96910
325Ci	JY96097 JY98108
	PC99012 PC99995
325CiA	PL00001 PL04548
	PG60108 PG62814

325Cic	JY43694 JY44229
	PG97089 PG98243
325CicA	PG88872 PG92999
	PL24020 PL31534
325iT	EZ15376 EZ15633
325iT A	PC11346 PC12725
325xi	PF58422 PF62576
325xiA	PH86839 PH90969
	PM52033 PM59296
	PR06010 PR12874
325xiT	PE91490 PE92062
325xiTA	PF01600 PF04589
325iA SULEV	KP78010 KP87556
	PH30108 PH36104
325CiA SULEV	PJ15045 PJ16347
	JT20009 JT22530
325iT A SULEV	PJ00063 PJ00924
330i	KM02321 KM07066
330iA	KM24352 KM36386
330Ci	PD95092 PD97653
	JU28717 JU45159
330CiA	PL10037 PL14136
	PH02210 PH05245
330Cic	EV90090 EV90753
	PJ94042 PJ95840
330CicA	JU95942 JU99831
	PL40018 PL46594
330xi	PG09391 PG11594
330xiA	PG20116 PG23990
	PN30039 PN35923
525i	GF42848 GF44123
525iA	GO23009 GO35646
	GY97989 GY99993
525iT	GD50431 GD50565
525iT A	GE10729 GD11953
530i	CE93962 CE95511
530iA	CK28283 CK45916
Z4 2.5	LR60223 LR66815
Z4 2.5 A	LS40047 LS48702

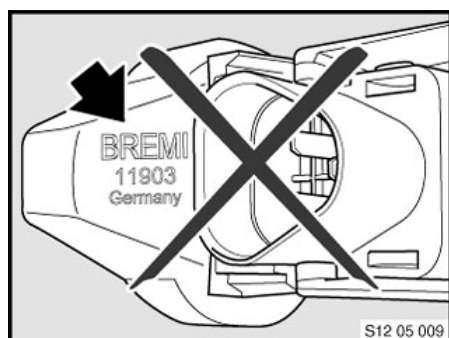
Z4 3.0	LT20122 LT24803
Z4 3.0 A	LU00410 LU07875
X3 2.5i	WA77026 WA77329
X3 2.5i A	WB20022 WB26444
X3 3.0i	WA30039 WA30980
X3 3.0i A	WA60044 WA66992
	WC30001 WC30341
X5 3.0i	LB09018 LB09303
	LH80645 LH81389
	LW23003 LW27326
X5 3.0i A	LU20008 LU35446
	LV72259 LV00033
	LP26213 LP27992
745i	DP50093 DP61892
745Li	DR00018 DR09691
760Li	DK10038 DK10483

CORRECTION

On the affected vehicles, check the manufacturer of the ignition coils. If BREMI coils are found, replace them with Bosch ignition coils.

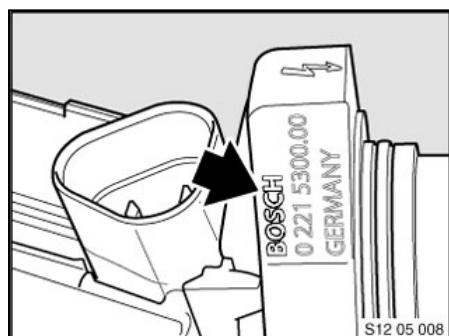
PROCEDURE

Remove the ignition coil covers. For removal procedure refer to RA 12 13 511 (or RA 12 13 512 for N73 engine) found in BMW TIS.



Only coils manufactured by BREMI are affected.

BREMI coils are easily recognized by the all **black, shiny housing**. Also, the brand name BREMI is molded on the rubber protective cover on top of the coil, under the connector plug.



Bosch coils, which can also be fitted in the affected vehicles, are not affected and **should NOT** be replaced.

Bosch coils are easily recognized by the all **silver, aluminum housing**. Also, the brand name Bosch is molded on the rubber protective cover on top of the coil, under the connector plug.

PARTS INFORMATION

6

7 FRU E65, E66 with N62 12 13 1 712 219 Bosch coil max 8

00 55 248 **24 FRU** E66 with N73 12 13 1 712 219 Bosch coil max 12
11 61 1 440 321 Profile gasket - 6

+ Associated Work 00 56 689 **5 FRU** E46 with M54/M56 12 13 1 712 219 Bosch coil max 6

3 FRU E39, E53 X5,
E83 X3, E85 Z4 with M54 12 13 1 712 219 Bosch coil max 6

5 FRU E65, E66 with N62 12 13 1 712 219 Bosch coil max 8

Note: The following explanations will 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.

ATTACHMENTS

View PDF attachment [B121305Letter](#).