



This Service Information bulletin supersedes SI B33 01 14 **dated February 2014.**

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

NEW designates changes to this revision

SUBJECT

NEW Delivery Stop/Service Action: Check Rear Axle Differential

MODEL

F15 (X5)

F30 (3 Series Sedan)

F31 (3 Series Sport Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

NEW SITUATION 1

A Delivery Stop has been issued on certain 2014 model year F15 and F3x vehicles produced from July 2013 to January 2014 because the final drive differential gears may not have been properly hardened.

NEW Vehicles held at the ports of entry are being inspected and/or repaired prior to center delivery. During this inspection and analysis of data, BMW of North America has documented a failure rate of less than one in two hundred.

The affected vehicles are listed in the attachment to this bulletin; they are also identified with a “Vehicle Comment” in the DCSnet Warranty Vehicle Inquiry or ISPA as follows:

- Defect Code 0033840100, Delivery Stop: Rear Axle Differential; see SI B 33 01 14

NEW The initial limited available stock of parts is reserved for vehicles that have already been sold and are in customers' hands (see Situation 2). Affected vehicles in center inventory **must not be retailed or delivered** until the rear differential has been replaced.

NEW SITUATION 2

Certain 2014 model year F15 and F3x vehicles produced from July 2013 to January 2014 may have final drive differential gears that have not been properly hardened. These vehicles have already been sold and delivered to customers.

NEW AFFECTED VEHICLES

This Delivery Stop/Service Action involves F15 and F3x Models produced July 2013 to January 2014

First check if a Service Action label with a code number **671** is already attached to the B-pillar.

If a code number **671** has been punched out, the Campaign has already been performed and no further action is necessary.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

NEW PROCEDURE 1 (DELIVERY STOP, NEW VEHICLES IN-STOCK)

Replace the rear differential (Refer to Repair Instruction RA 33 10 016). The initial limited available stock of parts is for vehicles that have already been sold and are in customers' hands.

NEW PROCEDURE 2 (CUSTOMER'S VEHICLES)

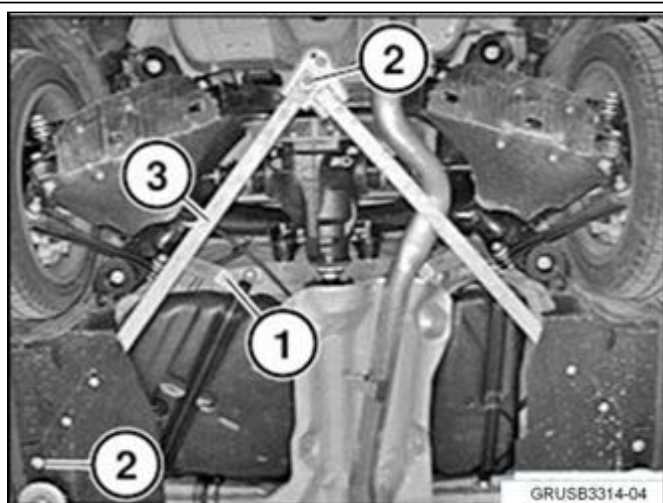
A certain number of miles need to accumulate before the gears show signs of wear (for example, the 310 mile threshold).

If the vehicle has 310 miles or less:

- Replace the rear differential (Refer to Repair Instruction RA 33 10 016).

If the vehicle has more than 310 miles:

- The gear oil in the rear differential needs to be checked first for metallic debris/shavings



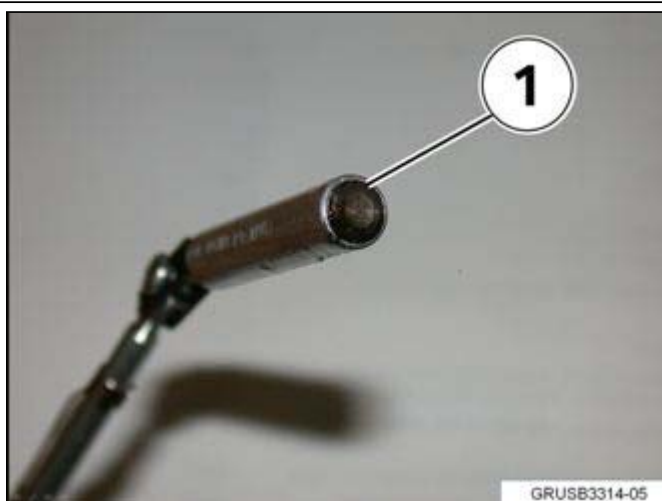
Some vehicles may need the tension struts removed to access to the fill plug. Remove bolts (1) and (2) to remove the tension struts (3).
Tightening torque for M10x20 bolts: 50 Nm.
Tightening torque for M12x35 bolts: 100 Nm.



Remove the oil fill plug from the rear differential and insert a magnet into the fill hole (1).

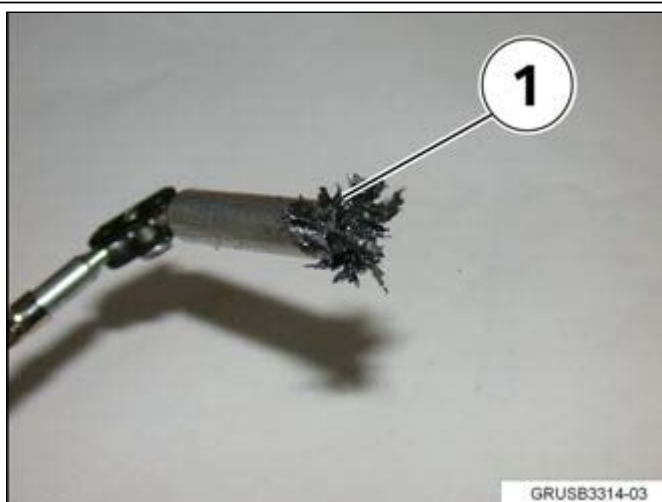


The magnet needs to reach the bottom of the inside of the diff to accurately inspect for debris (1). *Rear differential cover was removed for clarity. Do Not remove the rear differential cover.



If there is no debris (1) on the magnet, the differential does not need to be replaced. (A small amount of metallic flakes may be on the magnet. This is considered normal wear of the differential.)

Note: Check and top the rear differential oil after checking the differential. Replace with a new fill plug, P/N 33 11 7 525 064.



If the magnet is covered in metallic debris/shavings (1), the differential will need to be replaced. If there is no debris, the differential does not need to be replaced.

Note: Check and top the rear differential oil after checking and/or replacing the differential. Replace with a new fill plug, P/N 33 11 7 525 064.

NEW PARTS INFORMATION

Note: Performing a part number look-up in ETK (EPC) by VIN or model will result in the wrong rear axle drive part number being invoiced and installed.

We have implemented a VIN-specific parts ordering process.

Plug P/N 33 11 7 525 064 is not blocked from ordering, and should only be ordered as needed. All other parts are blocked and will be ordered for you once the below information has been provided. Please follow the ordering

procedure outlined below:

All requests must be emailed to recallparts@bmwna.com. The email must contain the following information or the orders request will be cancelled:

Subject line – Rear Axle Differential

Center number and location code where the part should be delivered

Contact Information – Name, phone number

VIN – Last seven (7) digits

Stock on these parts is limited. Orders will be placed into the system between 10:00 am and 6:00 pm EST, using the last 7 digits of the VIN as the PO. **All orders will be placed as VOR in the order they are received.** Orders received after local VOR cut-off time will be shipped the following day.

Multiple requests on the same VIN will be cancelled.

| Part Number | Description | Quantity |
|-----------------|--------------------------|-----------------|
| 33 11 7 525 064 | Plug | 1 |
| 07 14 7 309 443 | Torx bolt ISA M12X35 | 2 (if required) |
| 07 11 9 907 538 | Hexagon bolt M10X20 | 2 (if required) |
| 33 12 7 607 158 | Insert nut repair kit | 1 (if required) |
| 26 12 7 536 563 | Self-locking hexagon nut | 3 (if required) |

Rear-axle Drives (select the part number that applies)

| Part Number | Description | Quantity |
|-----------------|---|-----------------|
| 33 10 7 636 992 | Rear axle differential F15 N20 N55 N57T | 1 (if required) |
| 33 10 7 636 994 | Rear axle differential F15 N47T | 1 (if required) |
| 33 10 7 603 748 | Rear axle differential F3x | 1 (if required) |
| 33 10 7 605 589 | Rear axle differential F3x | 1 (if required) |

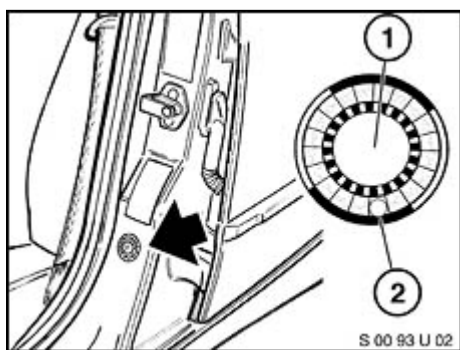
Note: Rear axle drives replaced under this Service Action must be returned to the Warranty Parts Return Center (WRPC) for inspection.

Bulk Quantity Parts - Sublet

| Part Number | Description | Quantity |
|-----------------|---------------------------|-----------|
| 07 51 2 293 972 | Synthetic gear oil SAF-XO | As needed |

NEW LABEL INSTRUCTIONS

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|--|---|
| | This Delivery Stop/Service Action has been assigned code number 671 . After the vehicle has been checked |
|--|---|



and/or corrected, obtain a label (SD 92-431) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **671** (2), printed on the label; and
- C. Affix the label to the B-pillar as shown.

If the vehicle already has a label from a previous Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

NEW WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

| | |
|---------------------|-----------------------|
| Defect Code: | 00 33 84 01 00 |
|---------------------|-----------------------|

Note: The labor operation information for this Service Action will be available with the March 2014 release of KSD2. Until then, please use the following information:

Procedure 1 - Delivery Stop: New Vehicles In-stock

| Labor Operation: | Labor Allowance: | Description: |
|-------------------------|-------------------------|------------------------------------|
| 00 61 990 | See below | Replace the rear axle differential |

Labor operation codes 00 61 990 is a Plus labor operation

F15

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 990 |
|------------------|----------------|-----------------|---------------|--------------|------------------|------------------|
| 0C06525 | -- | KS43 | F15 | X5 35dx N57N | KS43 | 29 FRU |
| 0C24537 | 0C25003 | KR03 | F15 | X5 35ix N55 | KR03 | 28 FRU |

F30

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 990 |
|------------------|----------------|-----------------|---------------|--------------|------------------|------------------|
| F147167 | F147286 | 3D63 | F30 | 328dx N47T | 3D63 | 28 FRU |
| F477731 | F477805 | 3A03 | F30 | 335i N55 | 3A03 | 23 FRU |
| F484488 | F484490 | 3F03 | F30 | Hybrid 3 N55 | 3F03 | 23 FRU |
| F588105 | F588113 | 3B03 | F30 | 335ix N55 | 3B03 | 23 FRU |
| F604400 | F604401 | 3A63 | F30 | 328i N20 | 3A63 | 23 FRU |
| F984331 | F984346 | 3C43 | F30 | 320ix N20 | 3C43 | 23 FRU |

| | | | | | | |
|---------|---------|------|-----|-----------|------|--------|
| J463060 | J463070 | 3A63 | F30 | 328i N20 | 3A63 | 23 FRU |
| J977870 | J977998 | 3B43 | F30 | 328ix N20 | 3B43 | 23 FRU |
| K105854 | K105880 | 3C23 | F30 | 328i N26 | 3C23 | 23 FRU |
| K130971 | K131026 | 3B23 | F30 | 320i N20 | 3B23 | 23 FRU |
| K153019 | K153073 | 3D43 | F30 | 328d N47T | 3D43 | 28 FRU |
| NP27566 | NP28433 | 3A67 | F30 | 328i N20 | 3A63 | 23 FRU |
| NR49663 | NR49674 | 3C27 | F30 | 328i N26 | 3C23 | 23 FRU |
| NR81822 | NR82315 | 3B47 | F30 | 328ix N20 | 3B43 | 23 FRU |
| NR90471 | NR91243 | 3B07 | F30 | 335ix N55 | 3B03 | 23 FRU |
| NR97297 | NR97499 | 3A07 | F30 | 335i N55 | 3A03 | 23 FRU |
| NS06584 | NS07168 | 3B67 | F30 | 328ix N26 | 3B63 | 23 FRU |
| NS64003 | NS64286 | 3A07 | F30 | 335i N55 | 3A03 | 23 FRU |
| P458009 | P458044 | 3B03 | F30 | 335ix N55 | 3B03 | 23 FRU |
| P539817 | P540015 | 3B63 | F30 | 328ix N26 | 3B63 | 23 FRU |

F31

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 990 |
|-----------|---------|----------|--------|------------|-----------|-----------|
| F776051 | F776055 | 3K63 | F31 | 328dx N47T | 3K63 | 30 FRU |
| KN36343 | KN36393 | 3G83 | F31 | 328ix N20 | 3G83 | 26 FRU |

F32

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 990 |
|-----------|---------|----------|--------|----------|-----------|-----------|
| F710537 | F730022 | 3N43 | F32 | 428i N20 | 3N43 | 24 FRU |

F33

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 990 |
|-----------|---------|----------|--------|----------|-----------|-----------|
| J876425 | J968616 | 3T43 | F33 | 435i N55 | 3T43 | 26 FRU |

F34

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 990 |
|-----------|---------|----------|--------|-----------|-----------|-----------|
| D152715 | D152731 | 3X03 | F34 | 335ix N55 | 3X03 | 26 FRU |
| D242513 | D243104 | 3X63 | F34 | 328ix N20 | 3X63 | 26 FRU |

or

Procedure 2 - Customers' Vehicles: In-service with more than 310 miles

| Labor Operation: | Labor Allowance: | Description: |
|-------------------------|-------------------------|---|
| 00 61 274 | 5 FRU | Check rear axle differential; no replacement is necessary (vehicles with more than 310 miles) |

or

| Labor Operation: | Labor Allowance: | Description: |
|-------------------------|-------------------------|--|
| 00 61 275 | See below | Check and replace rear axle differential (vehicles with more than 310 miles) |

Labor operation codes 00 61 274 and 00 61 275 are both Main labor operations

F15

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 275 |
|------------------|----------------|-----------------|---------------|--------------|------------------|------------------|
| 0C06525 | -- | KS43 | F15 | X5 35dx N57N | KS43 | 31 FRU |
| 0C24537 | 0C25003 | KR03 | F15 | X5 35ix N55 | KR03 | 31 FRU |

F30

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 275 |
|------------------|----------------|-----------------|---------------|--------------|------------------|------------------|
| F147167 | F147286 | 3D63 | F30 | 328dx N47T | 3D63 | 31 FRU |
| F477731 | F477805 | 3A03 | F30 | 335i N55 | 3A03 | 26 FRU |
| F484488 | F484490 | 3F03 | F30 | Hybrid 3 N55 | 3F03 | 26 FRU |
| F588105 | F588113 | 3B03 | F30 | 335ix N55 | 3B03 | 26 FRU |
| F604400 | F604401 | 3A63 | F30 | 328i N20 | 3A63 | 26 FRU |
| F984331 | F984346 | 3C43 | F30 | 320ix N20 | 3C43 | 25 FRU |
| J463060 | J463070 | 3A63 | F30 | 328i N20 | 3A63 | 26 FRU |
| J977870 | J977998 | 3B43 | F30 | 328ix N20 | 3B43 | 26 FRU |
| K105854 | K105880 | 3C23 | F30 | 328i N26 | 3C23 | 26 FRU |
| K130971 | K131026 | 3B23 | F30 | 320i N20 | 3B23 | 25 FRU |
| K153019 | K153073 | 3D43 | F30 | 328d N47T | 3D43 | 31 FRU |
| NP27566 | NP28433 | 3A67 | F30 | 328i N20 | 3A63 | 26 FRU |
| NR49663 | NR49674 | 3C27 | F30 | 328i N26 | 3C23 | 26 FRU |
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|---------|---------|------|-----|-----------|------|--------|
| NR81822 | NR82315 | 3B47 | F30 | 328ix N20 | 3B43 | 26 FRU |
| NR90471 | NR91243 | 3B07 | F30 | 335ix N55 | 3B03 | 26 FRU |
| NR97297 | NR97499 | 3A07 | F30 | 335i N55 | 3A03 | 26 FRU |
| NS06584 | NS07168 | 3B67 | F30 | 328ix N26 | 3B63 | 26 FRU |
| NS64003 | NS64286 | 3A07 | F30 | 335i N55 | 3A03 | 26 FRU |
| P458009 | P458044 | 3B03 | F30 | 335ix N55 | 3B03 | 26 FRU |
| P539817 | P540015 | 3B63 | F30 | 328ix N26 | 3B63 | 26 FRU |

F31

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 275 |
|-----------|---------|----------|--------|------------|-----------|-----------|
| F776051 | F776055 | 3K63 | F31 | 328dx N47T | 3K63 | 32 FRU |
| KN36343 | KN36393 | 3G83 | F31 | 328ix N20 | 3G83 | 29 FRU |

F32

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 275 |
|-----------|---------|----------|--------|----------|-----------|-----------|
| F710537 | F730022 | 3N43 | F32 | 428i N20 | 3N43 | 26 FRU |

F33

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 275 |
|-----------|---------|----------|--------|----------|-----------|-----------|
| J876425 | J968616 | 3T43 | F33 | 435i N55 | 3T43 | 28 FRU |

F34

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 275 |
|-----------|---------|----------|--------|-----------|-----------|-----------|
| D152715 | D152731 | 3X03 | F34 | 335ix N55 | 3X03 | 29 FRU |
| D242513 | D243104 | 3X63 | F34 | 328ix N20 | 3X63 | 29 FRU |

Procedure 2 - Customers' Vehicles: In-service with 310 miles or less

| Labor Operation: | Labor Allowance: | Description: |
|------------------|------------------|--|
| 00 61 276 | See below | Replace the rear axle differential (vehicles with 310 miles or less) |

Labor operation codes 00 61 276 is a Main labor operation.

F15

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|--|--|--|--|--|--|--|

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 276 |
|-----------|---------|----------|--------|--------------|-----------|-----------|
| 0C06525 | -- | KS43 | F15 | X5 35dx N57N | KS43 | 30 FRU |
| 0C24537 | 0C25003 | KR03 | F15 | X5 35ix N55 | KR03 | 30 FRU |

F30

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 276 |
|-----------|---------|----------|--------|--------------|-----------|-----------|
| F147167 | F147286 | 3D63 | F30 | 328dx N47T | 3D63 | 30 FRU |
| F477731 | F477805 | 3A03 | F30 | 335i N55 | 3A03 | 25 FRU |
| F484488 | F484490 | 3F03 | F30 | Hybrid 3 N55 | 3F03 | 25 FRU |
| F588105 | F588113 | 3B03 | F30 | 335ix N55 | 3B03 | 25 FRU |
| F604400 | F604401 | 3A63 | F30 | 328i N20 | 3A63 | 25 FRU |
| F984331 | F984346 | 3C43 | F30 | 320ix N20 | 3C43 | 24 FRU |
| J463060 | J463070 | 3A63 | F30 | 328i N20 | 3A63 | 25 FRU |
| J977870 | J977998 | 3B43 | F30 | 328ix N20 | 3B43 | 25 FRU |
| K105854 | K105880 | 3C23 | F30 | 328i N26 | 3C23 | 25 FRU |
| K130971 | K131026 | 3B23 | F30 | 320i N20 | 3B23 | 24 FRU |
| K153019 | K153073 | 3D43 | F30 | 328d N47T | 3D43 | 30 FRU |
| NP27566 | NP28433 | 3A67 | F30 | 328i N20 | 3A63 | 25 FRU |
| NR49663 | NR49674 | 3C27 | F30 | 328i N26 | 3C23 | 25 FRU |
| NR81822 | NR82315 | 3B47 | F30 | 328ix N20 | 3B43 | 25 FRU |
| NR90471 | NR91243 | 3B07 | F30 | 335ix N55 | 3B03 | 25 FRU |
| NR97297 | NR97499 | 3A07 | F30 | 335i N55 | 3A03 | 25 FRU |
| NS06584 | NS07168 | 3B67 | F30 | 328ix N26 | 3B63 | 25 FRU |
| NS64003 | NS64286 | 3A07 | F30 | 335i N55 | 3A03 | 25 FRU |
| P458009 | P458044 | 3B03 | F30 | 335ix N55 | 3B03 | 25 FRU |
| P539817 | P540015 | 3B63 | F30 | 328ix N26 | 3B63 | 25 FRU |

F31

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 276 |
|-----------|---------|----------|--------|------------|-----------|-----------|
| F776051 | F776055 | 3K63 | F31 | 328dx N47T | 3K63 | 31 FRU |
| KN36343 | KN36393 | 3G83 | F31 | 328ix N20 | 3G83 | 28 FRU |

F32

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 276 |
|-----------|---------|----------|--------|----------|-----------|-----------|
| F710537 | F730022 | 3N43 | F32 | 428i N20 | 3N43 | 25 FRU |

F33

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 276 |
|-----------|---------|----------|--------|----------|-----------|-----------|
| J876425 | J968616 | 3T43 | F33 | 435i N55 | 3T43 | 27 FRU |

F34

| Start VIN | End VIN | Type No. | Series | Model | Lead Type | 00 61 276 |
|-----------|---------|----------|--------|-----------|-----------|-----------|
| D152715 | D152731 | 3X03 | F34 | 335ix N55 | 3X03 | 28 FRU |
| D242513 | D243104 | 3X63 | F34 | 328ix N20 | 3X63 | 28 FRU |

Sublet – Materials (checking or replacing the rear axle differential)

| | | |
|---------------|--|--|
| Sublet Code 4 | See the sublet reimbursement calculation below | Reimbursement for the “top-up” quantity of gear oil, if needed (BMW Bulk Part SAF-XO numbers). Do not use the part numbers for claim submission) |
|---------------|--|--|

Sublet calculation: Reimbursement for the “top-up” quantity of gear oil (BMW Bulk Part SAF-XO numbers) at dealer net plus handling. Enter this material cost in sublet and itemize the amount in the claim comment section.

ATTACHMENTS

View PDF attachment [B330114 0033840100 Delivery Stop.](#)

View PDF attachment [B330114 Final Drive QA.](#)