

# Service-Information Motorcycle



Group: 36 August 1984  
BMW of N.A. Service Department  
Wheels and Tires  
36 022 84 (2117)  
For USA and Canada Only

Recall Campaign 84V - 092  
Inspection/Replacement of 19" Front Cast Alloy Wheels

BMW of North America, Inc., has voluntarily initiated a safety related defect recall campaign. The NHTSA-assigned recall campaign number is 84V - 092.

This service information outlines the specific procedure for the implementation of this campaign. A copy of the customer letter is attached for your information.

## VEHICLES AFFECTED

<u>Model</u>	<u>Model Year</u>	<u>Inclusive Dates of Manufacture</u>
R60/7	1977	Sept. 1976 - Aug. 1977
R75/7	1977	Sept. 1976 - Aug. 1977
R80/7	1978 - 1980	Sept. 1977 - Aug. 1980
R100/7	1977 - 1978	Sept. 1976 - Aug. 1978
R100S	1977 - 1980	Sept. 1976 - Aug. 1980
R100T	1979 - 1980	Sept. 1978 - Aug. 1980
R100RS	1977 - 1982	Sept. 1976 - Oct. 1982
R100RT	1978 - 1982	June 1978 - Oct. 1982
R100CS	1981 - 1982	Sept. 1980 - Oct. 1982
R100	1981 - 1982	Sept. 1980 - Oct. 1982

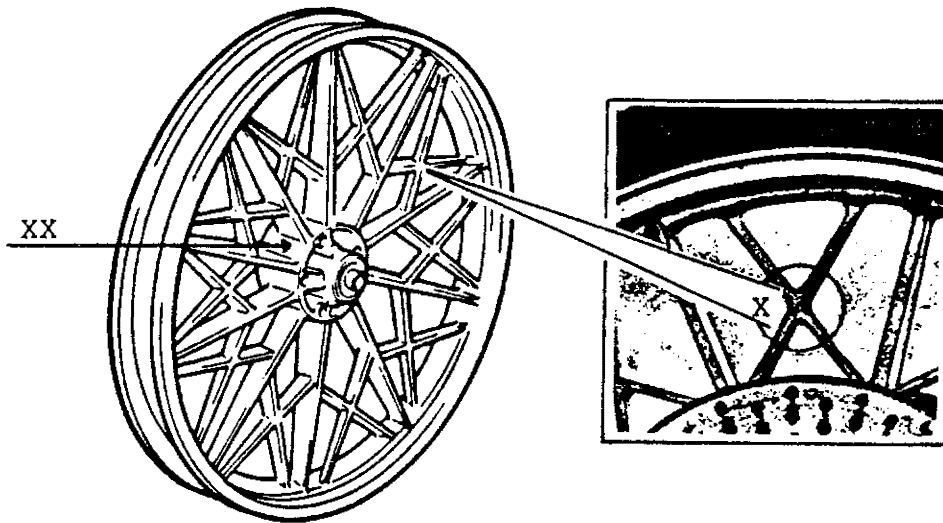
## DESCRIPTION OF DEFECT

The potential defect involves the 19" front cast alloy wheels of the affected vehicles, above. Only cast wheels manufactured prior to 10/82 potentially contain the defect. Due to metal fatigue resulting from vehicle operation (for example, extended mileage, severe wheel loads like rough roads, etc.), it is possible that hairline cracks may develop in the area where the spokes join the hub.

Continued operation of the motorcycle could result in expansion of the cracks and/or development of further cracks in the same area. Eventually, impairment of wheel operation could occur.

INSPECTION/REPLACEMENT

- 1. Determine the manufacturing/casting date without removing the wheel from the motorcycle. The location of this mark is at point "X" in the center of the cross over. If the casting date is 10/82 or later, no further action is necessary.



Check the casting date shown in normal Arabic numerals on one of the spoke crosses. Do not confuse it with a second, similar manufacturing mark comprising an Arabic and Roman figure.

- 2. The later designed wheels can also be identified by the support ribs between each main spoke and the hub, see Point "XX" above.
- 3. If the casting date is 9/82 or before, and has no support ribs between spokes and hub, the wheel has to be exchanged.
- 4. A new inner tube must be installed at our cost when the tire is exchanged.
- 5. Balancing of the entire assembly should be performed and is part of our reimbursement to you.
- 6. Use BMW balance weights only:

<u>Part No.</u>	<u>Weight</u>
36 31 1 235 625	5 gram
36 31 1 235 626	10 gram
36 31 1 240 152	15 gram
36 31 1 235 627	20 gram
36 31 1 240 153	25 gram
36 31 1 235 628	30 gram

Clips for balance weights are supplied separately under part No. 36 31 1 235 632.

Costs for weights/clips used for each individual balancing

WARRANTY STATUS

Reimbursement for this recall campaign will be provided through Campaign Claim submission. Please read section 7 of the Motorcycle Warranty Manual for more information about these special campaign claims.

Use defect code: 00 00 36 08 00.

Work Package # 1:

Visual inspection of a 19" front cast wheel.  
Labor: 2 flat rate units.

Work Package # 2:

Cleaning, visual inspection, replacing and balancing of a 19" front cast wheel.

Part Number	Description	Quantity
36 31 1 238 959	<u>Silver</u> 19" Wheel	1

Labor: 8 flat rate units

Sublet: one inner tube (at dealer cost)  
balance weights

Work Package # 3:

Cleaning, visual inspection, replacing and balancing of a 19" front cast wheel.

Part Number	Description	Quantity
36 31 1 238 960	<u>Gold</u> 19" Wheel	1

Labor: 8 flat rate units

Sublet: One inner tube (at dealer cost)  
balance weights

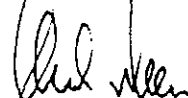
When a campaign claim is paid to you, you will be requested to return the old wheel to BMWNA, Montvale, New Jersey. Please attach a properly filled out return tag for warranty parts in order to validate the respective claim. Non-return of the old wheel will cause a debit to your account.

Note: Do not return the old wheel with the campaign claim.

Estimate and order a sufficient supply now so your service department is ready before we notify your customers.

Sincerely,

BMW OF NORTH AMERICA, INC.



Herb Neas  
National Service Manager