

Service-Information



Group 23
Gearbox

March
1983

Bulletin No.:
23 004 83 (2073)

- For U.S.A. and Canada Only -

RE: MODIFICATIONS TO 5-SPEED GEARBOX

Dear Dealer:

During 1982, gearboxes have been modified to improve gear shift action.

Starting with gearbox number Z or ZSA 56 476, all 5-speed gearboxes (with or without kick starter) have a modified selector mechanism to improve the selection of gears.

Gearboxes with the new shift mechanism can be identified by a green paint spot near the air cleaner housing surface. All 5-speed gearboxes can be modified by installing the following:

- 2 cam discs
- 1 shift pawl
- 1 torsion spring

available as a kit, under part number 23 31 9 056 150.

When installing, please refer to the description in the workshop manual.

Starting with gearbox No. Z or ZSA 58225, the meshing angle of the helical-cut input gears and 5th gear was changed to 17.5 degrees. This angle helps to cut down noise and permits the gears to withstand higher loads.

New gearboxes containing both the modified shift mechanism and the new gears are marked with a blue paint spot instead of the green one.

Helical-cut gears with the modified 17.5° meshing angle are marked with a star or cross.

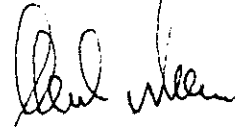
Please make sure during gearbox repair that only gears with the same meshing angle are installed.

If gears are not cut at the same angle, the gears will generate excessive noise and will be subject to premature wear and failure.

Color identification marks will only be used for a transitional period of a few months.

Sincerely,

BMW OF NORTH AMERICA, INC.



Herb Neas
National Service Manager

HN/cs

