

# Service-Information



Group: 33 Rear Wheel Drive	June 1982	Bulletin No. 33 007 82 (2062)
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- For U.S.A. and Canada only -

RE: NIVOMAT IMPROVEMENT KIT

Dear Dealer:

After extensive testing, we are pleased to make available a helper spring kit for all Nivomats (with exception of the latest 1982 Nivomat identified by a black bottom leg stamped "L").

This kit is available under

Part No. 33 53 2 301 787

from our Parts Department.

We all know it needs a fairly good size bump to "pump up" a standard Nivomat riding level. The additional spring will insure quicker riding levels, due to stronger pump actions even over smaller bumps.


Enclosed find dismantling and assembly instructions.

CAUTION: Care must be taken not to damage the piston rod when clamping same into a vise or the entire Nivomat is useless.

Correct jaws, as illustrated on the instruction sheet, must be used.

Yours truly,

BMW OF NORTH AMERICA, INC.

  
Herb Neas  
National Service Manager

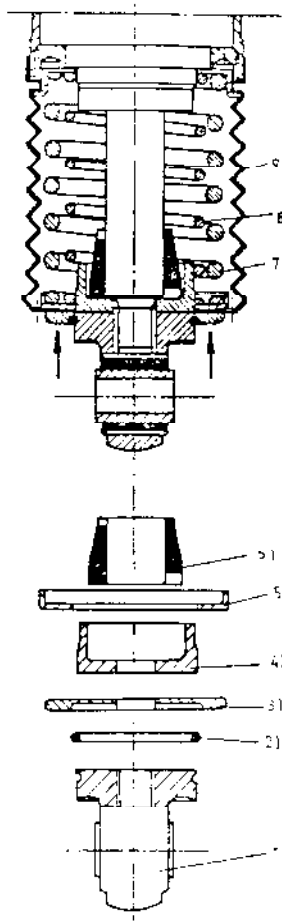
HN/vaa  
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Please route and initial before filing

Service Manager	Parts Manager	Service Writer	Technicians			

DISMANTLING

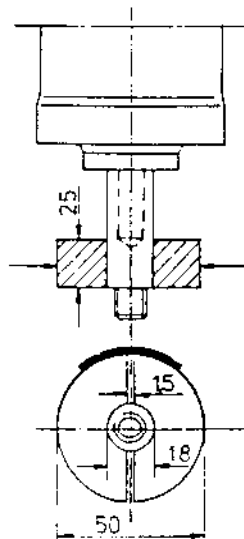
Lift the support disc (3) away as shown by the arrow, release snap ring (2) and remove both components downwards together with spring centering plate (5), coil springs (7) and (8) and flexible gaiter (9). To free the sealant at the screw connection between piston rod and retaining eye, heat the joint area to approx. 250° C. Hold the piston rod in the special jaws (faces absolutely clean) and unscrew retaining eye (1) while hot. The eye (1), cup (4), centering plate (5) and rubber buffer (6) can be discarded; they are replaced by the parts stated in "Assembly."



CLAMPING

(for dismantling/assembly)

Jaw position (as low as possible to avoid compressing the hollow drilled shaft.)



Material: Aluminium

ASSEMBLY

Clean remains of sealant from M 12 X 1.5 mm thread at end of piston rod with a wire brush or M 12 X 1.5 mm thread-cutting die. Push spacing ring (14) and stop spring (16) onto threaded journal and piston rod. Apply the sealant supplied with the parts to the piston rod thread and the internal thread of retaining eye (11).

Prevent the piston rod from turning with the special jaws (see "Dismantling") and screw on the retaining eye (11). Tighten to 30 Nm torque. (Important: this connection has a vital safety function.)

Install coil springs (7) and (8), flexible gaiter (9), spring centering plate (15), support disc (3) and snap ring (2) as illustrated here.

