

DIRECTOR GENERAL BORDER ROADS
GENERAL MAINTENANCE INSTRUCTION NO. 178

ON
PREVENTION MAINTENANCE: UNDER CARRIAGE OF BEML TRACTOR

AIM

To eliminate avoidable brakages of track shoes, links, roller flanges etc.

AFFECTED ITEM

TRACK SHOE BOLTS AND NUTS

Description of preventive maintenance

The track shoe hold the track links in proper place in addition to it's main function of transmitting the load to the ground and improving traction effort of the machine. The track links are held on to the track shoes by means of high tensile nuts and bolts. Tightness of these nuts and bolts are to be checked periodically.

At least once in a week the tightness of the bolts should be checked with a test hammer. Bolts found loose will be retightned to following torque :-

- | | | | |
|-----|-----------|---|---------------|
| (a) | D 80 A 12 | - | 69-70 Kg Mtrs |
| (b) | D 50 A 15 | - | 30-39 Kg Mtrs |

While checking with a test hammer, if axial play is noticed between bolts and nuts, both the bolt and nut should be replaced.

Auth : M /s BEML No. SES : 540-2904 / 2672 dated 29 Oct 1983.

GMI No. 178

HQ DGBR