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Government of India  
Ministry of Railways  
Research, Designs & Standards Organisation

Manak Nagar,  
Lucknow 226011

No.EL/3.2.99/D3

Dt 2.2.1978

MODIFICATION SHEET No. RDGO/WAM4/64

1. TITLE OF MODIFICATION:

Modification (Type 1) to inspection covers of TAO 659 traction motors. (Alternative modification sheet (Type E) which covers use of mild steel inspection cover as developed by Ghaziabad shed will be issued separately).

2. APPLICATION TO CLASS OF LOCOMOTIVES:

WAM4 and WAM1.

3. OBJECT:

Some sheds have reported loosening/dropping of the inspection covers of TAO 659 traction motors on account of damage to the strap assembly and damage to the knobs. This modification is for using the existing cast aluminium inspection cover body while replacing the star shaped knobs with ordinary hexagonal head screws. The strap is also replaced by a similar screw. This modification is optional and may be adopted if any difficulty is experienced with the existing design.

4. MODIFICATION DRAWINGS:

Drg No. SK EL 2760 - 4 sheets.  
~~Drg No. SK EL 2779 - 1 sheet.~~

5. AGENCY FOR MODIFICATION:

Railway maintenance depot or RM shops.

6. MATERIALS REQUIRED:

To Drg No. SK EL 2760 - 4 sheets.

7. MATERIALS RENDERED SURPLUS:

- nil -

8. WORK TO BE CARRIED OUT:

- Remove the existing cover.
- Remove the strap assembly and pin.
- Fit the inspection cover and fit bolt (No.1 dng SK EL 2760 - sheet 2)
- Weld support '6' (SK EL 2760 sheet 1) on the motor frame and drill hole for bolt 2 and tap it.
- Tighten inspection cover as per SM1 No.EL-R3/SM1/2.

9. DISTRIBUTION:

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encl: SK EL 2760 -  
four sheets.

*(V. Venkateswaran)*  
for Director General (Elec)