



Addendum
M.T.H. HO Union Pacific
4-12-2 Steam Engine

PLEASE READ THE MANUAL BEFORE USE AND SAVE
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Locking The Articulation

The MTH UP 4-12-2 was designed with an articulated chassis so that the model could be operated on layouts with 18" radius curves. This gives the opportunity for many more operators that normally would not be able own and operate this model an opportunity to do so.

Inside your model's box is an articulation locking plate that locks the front chassis in place and eliminates the back and forth articulation of the front chassis section on 54" or larger curves resulting in a more prototypical look.

Below are the instructions for installing and removing the articulation locking plate.

1. Remove the boiler shell as shown in the Fig. 1. There is a screw under the removable hatch in front of the cab roof and one under the removable filler cap on the right front sand dome.

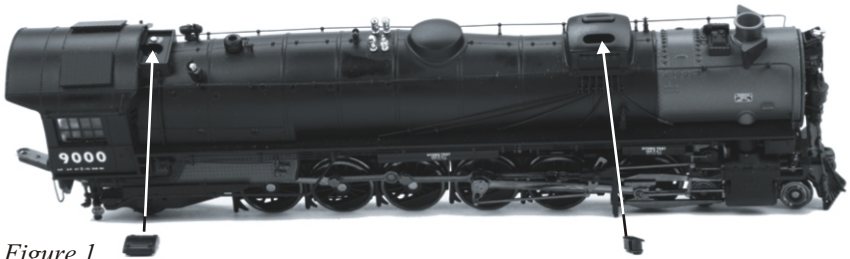


Figure 1

2. After removing the screws mentioned above gently remove the boiler from the chassis and set the boiler aside shown in Fig 2.

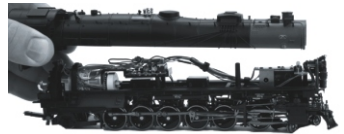


Figure 2

3. Remove the front chassis pivot screw as shown in Fig 3.

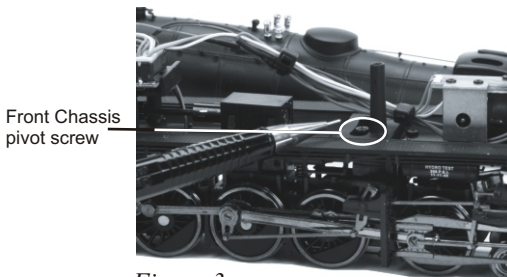


Figure 3

4. Insert the moon shaped locking plate into the moon shaped locking as shown in Figures 4 & 5.



Figure 4

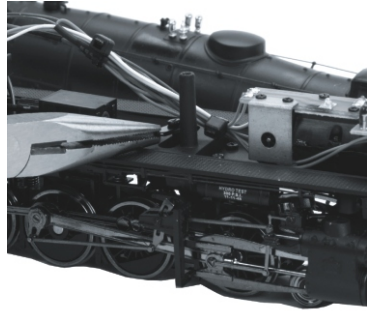


Figure 5

5. Re-insert the front chassis pivot screw as shown in Fig 6.

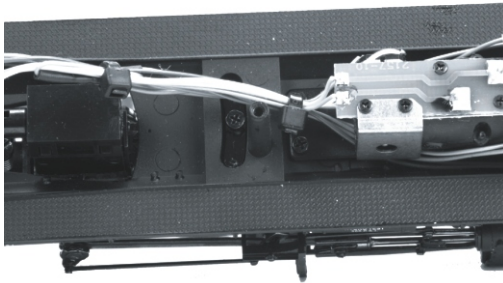


Figure 6

6. Re-install the boiler on the chassis. Make sure that no wires are pinched or cut in the process.
7. Re-install the screws that attach the boiler shell to the chassis.
8. Re-install the removable hatch covers

To remove the articulation locking plate, use the above procedure as a guide to remove the boiler and the front truck pivot screw.

- Remove the articulation locking plate and replace the front truck pivot screw.
- If the Articulation Locking Plate is not used, keep in a safe place for future use.

Classification Light Options

The MTH HO UP 4-12-2 has lighted classification lamps on the smoke box front. The lamps are lighted using light pipes, whose physical requirements to operate properly require the lamps to be slightly out of position when compared to the prototype.

For operator who desire the classification lamps to be in the prototype position, MTH has included in the packaging a separate set of non-operating classification lamps.

Below are the instructions for changing the illuminated and non-illuminated classification lamps

1. Remove the boiler shell as directed above and reference Fig 1.
2. Gently pull forward on the classification lamp as shown in Fig 7.
3. Gently remove the light pipe by pulling it from the rear of the smoke box front as shown in Fig 8.
4. Insert one of the non-illuminated marker lamps supplied in the packaging as shown in Fig 1.
5. Repeat the same process for the mark lamp on the opposite side of the smoke box front.
6. Re-install the boiler on the chassis. Make sure that no wires are pinched or cut in the process.
7. Re-install the screws that attach the boiler shell to the chassis.
8. Re-install the removable hatch covers.
9. Keep the unused marker lamps in safe place for future use.

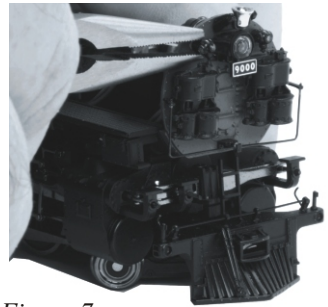


Figure 7



Figure 8



Figure 9