

513a N Scale 1:160

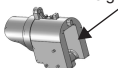
Dwarf Signal Assembly Instructions

To Create a lighted Signal
using a separately purchased
Micro Tri-color LED



Drill through
the pilot hole in
the signal head
with 1/32" drill.

Check for
the fit of the
LED in the
signal head



Use PVA type glue
Such as a Krystal Klear
or canopy glue to hold
the LED and back
plate in place.

**Signal
Head**

LED

**Want to remove
the LED?**
See below

**Back
Plate**

Fill the gap
at the base of the
back plate where
the wires exit with
White Glue to
prevent light leak

Remove material
at bottom of LED cavity
if necessary
for LED fit.

Cut Out
The center section
of the base

**Finished
Assembly**
showing the route
of the
LED wires

Table Top

Should you need to remove the LED:

If for any reason you should need to remove the LED from the signal head, soak the entire signal head in Acetone for about an hour. This will soften the PVA glue and allow you to push the LED out the back of the signal - never pull on the wires.