

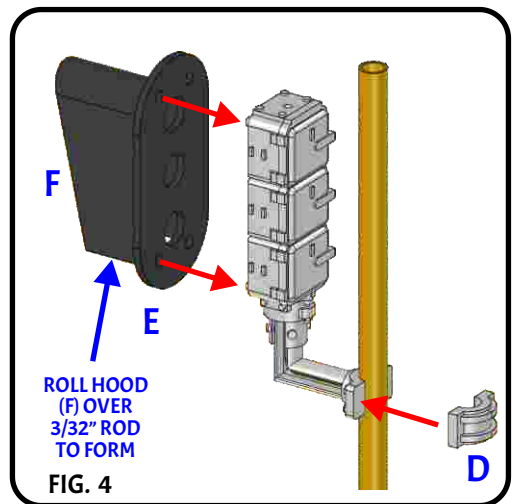
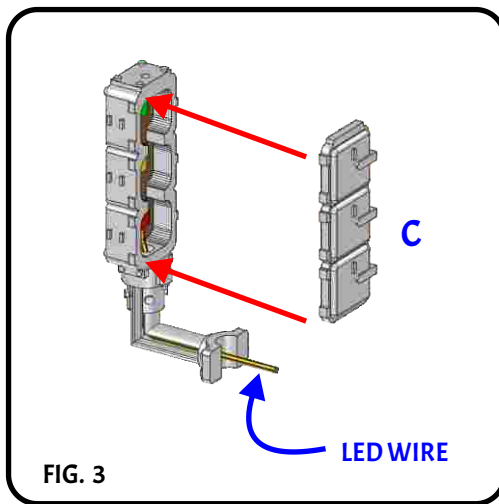
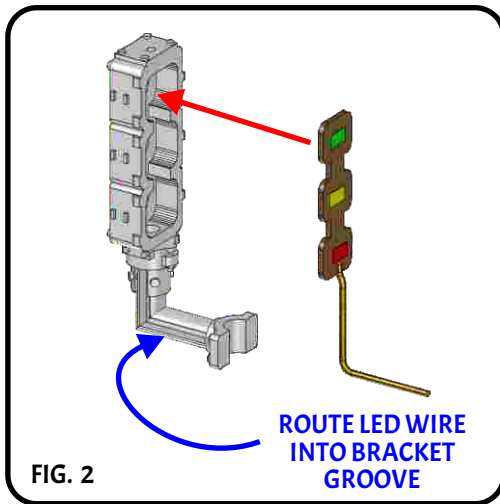
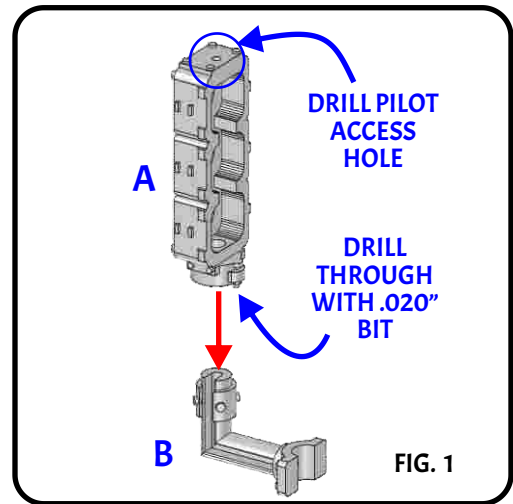
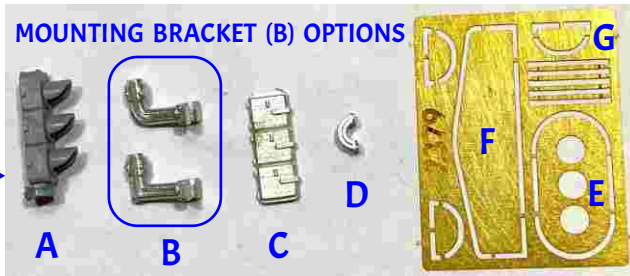
PARTS

ETCHED FRET INCLUDES
OPTIONAL
BRASS HOODS (G).

TO USE THESE, CAREFULLY
CUT OFF HOODS ON
RESIN SIGNAL HEAD

**PLEASE READ THROUGH THE ENTIRE ASSEMBLY
STEPS TO FAMILIARIZE YOURSELF WITH THE
PARTS AND METHODS WE RECOMMEND.**

MOUNTING BRACKET (B) OPTIONS



SIGNAL HEAD ASSEMBLY

STEP 1 DRILL THROUGH THE BOTTOM OF THE SIGNAL HEAD (A) WITH A .020" DRILL BIT FOR ROUTING THE LED WIRES. USING CA (SUPER GLUE) GLUE, CAREFULLY GLUE THE SIGNAL HEAD ONTO THE BRACKET ARM (B) MAKING SURE THAT GLUE DOES NOT GET INSIDE THE PRE-DRILLED OPENING. APPLY GLUE TO THE OUTSIDE OF THE JOINT ONLY (FIG 1) .

NOTE: IF THE HOLE FOR ROUTING THE LED WIRES IS ACCIDENTALLY CLOSED WITH GLUE DURING ASSEMBLY, DRILL THROUGH THE DRILL PILOT ACCESS HOLE IN THE TOP OF THE SIGNAL HEAD AND DOWN THROUGH THE HEAD/BRACKET ASSEMBLY JOINT TO ALLOW FOR WIRE ROUTING. THIS ACCESS HOLE CAN BE FILLED BEFORE PAINTING.

STEP 2 USING CANOPY GLUE TO ATTACH, INSTALL THE LED ASSEMBLY (SOLD SEPARATELY) INTO THE HOUSING BY FIRST ROUTING THE LED WIRES DOWN THROUGH THE HOUSING AND THE MOUNTING BRACKET (FIG. 2). USE CANOPY GLUE (SPARINGLY) TO HOLD THE LED ASSEMBLY IN PLACE IF NECESSARY.

STEP 3 USING CANOPY GLUE, ATTACH THE SIGNAL BACK (C) TO THE BACK OF THE HOUSING (FIG. 3). USING CANOPY GLUE WILL ALLOW ACCESS TO THE LED ASSEMBLY SHOULD IT NEED TO BE REPLACED. ATTACH THE MOUNTING BRACKET AND BRACKET CLAMP (D) TO THE LADDER MAST WITH SUPER GLUE (FIG. 4). IF THE LADDER ASSEMBLY IS ALREADY PAINTED, YOU MAY NEED TO REMOVE THE PAINT AT THE ATTACHMENT POINT AND RETOUCH AFTER ASSEMBLY IS COMPLETE.

NOTE: THE ENTIRE LADDER/HEAD ASSEMBLY CAN BE PAINTED NOW BEFORE THE HOOD IS ATTACHED. SEE BELOW

PAINTING THE SIGNAL HEAD ASSEMBLY

WE SUGGEST THAT YOU BUILD THE SIGNAL HEAD ASSEMBLY COMPLETELY BEFORE PAINTING. USE A SMALL BIT OF CLAY TO COVER THE OPENINGS IN THE FRONT OF THE SIGNAL HEAD TO PREVENT PAINT GETTING ON THE LED. WE RECOMMEND USING A LAQUER BASED SPRAY PRIMER (TAMIYA SURFACE PRIMER IS A RECOMMENDED CHOICE). USE A SPRAY SILVER FOR THE FINISH COAT. IF THE FINISH IS TOO SHINY, APPLY A COAT OF DULLCOTE FOR A MORE REALISTIC FINISH.

STEP 4 ASSEMBLE THE FACE SHIELD (E) AND HOOD (F) WITH SUPER GLUE OR SOLDER. PRIME THE ASSEMBLED HOOD WITH A LAQUER BASED PRIMER AND PAINT WITH A FLAT BLACK SPRAY PAINT. ATTACH THE HOOD TO THE FRONT OF THE SIGNAL HEAD WITH CANOPY GLUE (FIG. 4). THIS WILL ALLOW IT TO BE REMOVED IF NECESSARY.