

THESE GENERAL INSTRUCTIONS COVER THE MULTIPLE ASPECT COLORLIGHT SERIES OF SIGNAL HEADS; 594, 595, 596 AND 597. ASSEMBLY OF THESE SIGNAL HEADS ARE ALL SIMILAR. SEE IMAGES BELOW FOR PARTS INCLUDED IN EACH KIT.

- PRIME** - ALL PARTS WITH A LACQUER BASED PRIMER. WE RECOMMEND TAMIYA SURFACE PRIMER FOR THIS.
- PARTS CAN BE HELD IN PLACE WITH CANOPY GLUE TO HELP MAKE FINAL GLUEING OF THE PARTS EASIER. WE RECOMMEND TINY DROPS OF SUPER GLUE FOR ASSEMBLY.
- PAINT** - PARTS CAN EITHER BE PAINTED AFTER ASSEMBLY IF THE HEAD IS TO BE ONE COLOR OR SEPARATELY AND THEN ASSEMBLED. IF BRUSH PAINTING, WE RECOMMEND VALLEJO ACRYLIC PAINTS. **THE PRIMED PARTS MAY NEED TO BE SPRAYED WITH DULLCOTE TO GIVE THE ACRYLIC PAINT A "TOOTH" TO HELP IT ADHERE.** PLACE TINY BALLS OF CLAY INTO THE SIGNAL OPENINGS TO PREVENT PAINT FROM GETTING ON THE INSTALLED LEDs.
- OUTER HOODS** - WHEN ASSEMBLING WITH 'DARTH VADER' TYPE BRASS HOODS, THE SMALLER HOODS ON THE SIGNAL HEAD SHOULD BE CAREFULLY CUT OFF AS SHOWN WITH A SHARP BLADE. OUTER VADER HOOD CAN BE ROLLED OVER A 1/16" DRILL BIT TO FORM AND ASSEMBLED WITH (CA) SUPERGLUE OR SOLDERED. THIS HOOD CAN BE HELD IN PLACE WITH CANOPY GLUE BEFORE FINAL GLUEING **FIG.7** THE PHOTO-ETCH SHEET PROVIDES INDIVIDUAL SMALL HOODS (PARTS G) THAT CAN BE ROLLED AND ATTACHED IN PLACE OF THE 3D PRINTED HOODS. **THIS STEP IS OPTIONAL.**
- LIGHTING** - THE SIGNAL HEADS ARE DESIGNED TO HOUSE 0402 SMD LEDs (SOLD SEPARATELY ON OUR WEBSITE). **WE CANNOT GUARANTEE THAT LEDs FROM OTHER MANUFACTURERS WILL WORK WITH THESE SIGNALS.** THE LED WIRE LEADS CAN BE BUNDLED TOGETHER INTO A CABLE AND CAREFULLY THREADED THROUGH THE HOLE IN THE BOTTOM OF THE SIGNAL HEAD, ALONG THE GROOVE IN THE ELBOW BRACKET AND THROUGH PRE-DRILLED HOLES IN THE BRACKET AND SIGNAL MAST. **SEE FIG.1 AND FIG.4**

