PRODUCT OVERVIEW 48,4 72 92 FLAT FREDDIE 35

2 Join extrusions, attach rod suspensions

- 1. IF USING MULTIPLE LENGTHS OF EXTRUSION, SLIDE EXTRUSIONS TOGETHER ON TO JOINERS OR BEND PLATES AND LOCK TOGETHER WITH M3 GRUB SCREWS.
- 2. CUT SUSPENSION RODS TO REQUIRED LENGTH, MAKING SURE TO CUT THE ENDS WITHOUT THE THREAD.
- 3. Drill 4mm0 hole through one wall only of the rod suspension, 8mm down from the top end of the rod.
- 4. SCREW THE 'SUSPENSION COLLAR' ON TO THE THREADED ENDS OF THE SUSPENSION RODS.
- 5. PLACE THE 'SUSPENSION BASE' INTO THE TOP OF THE EXTRUSION THEN PLACE THE 'SUSPENSION BRACKET' OVER THE TOP OF THE 'SUSPENSION BASE'.

6. <u>IMPORTANT:</u> APPLY THREAD LOCK COMPOUND TO THE 'SUSPENSION BASE' THREAD AND SCREW THE 'SUSPENSION COLLAR' ON TO THE 'SUSPENSION BASE'. THE "WINGS" ON THE 'SUSPENSION BASE' SHOULD ROTATE AROUND INTO THE GROOVES IN THE FLAT FREDDIE 35 EXTRUSION. SEE FIGS. 1 & 2. FIG. 1 - ENSURE JOINERS AND ROD SUSPENSIONS ARE SECURE 8MM 4MMØ HOLE DRILLED INTO SUSPENSION -ONE WALL OF ROD TUBE TO ACCEPT M4X8 HEX HEAD SCREW - 8MM DOWN FROM TOP OF ROD SUSPENSION -8MM COLLAR JOINER PLATE SUSPENSION -BRACKET 4MMØ HOLE FIG. 2 - ENSURE ROD DRILLED INTO SUSPENSION IS SECURE ONE WALL OF TUBE TO ACCEPT SUSPENSION M4X8 HEX HEAD SUSPENSION BASE SUSPENSION -SCREW - 8MM **BRACKET** COLLAR DOWN FROM TOP OF ROD SUSPENSION BASE M3X3 GRUB **SCREWS** JOINER PLATES a EXTRUSION STRIP CONNECTOR-JOINER PLATES (X3) CABLE TO LED STRIP



INSERT END CAPS, ASSEMBLE ROD SUSPENSION COMPONENTS

- 1. INSERT END CAPS INTO ENDS OF EXTRUSION AND TIGHTEN GRUB SCREWS.
- 2. IMPORTANT: BEFORE MOUNTING LED STRIP, CLEAN EXTRUSION USING AN ALCOHOL-BASED CLEANER SUCH AS ISOPROPYL ALCOHOL.
- 3. Remove backing from Led Strip to expose sticky surface. Lay Led Strip into extrusion. Use Kapton tape at each end of the Led Strip to prevent Led Strip from Shorting on Extrusion.
- 4. CLIP DIFFUSER INTO EXTRUSION, ENSURING A FIRM CONNECTION (SEE FIG. 3).





