

NUMBER-PLATE FITMENT TO STAIRS



INFORMATION FOR X-SERIES OWNERS

■ BACKGROUND

Australian Design Rules specify that number-plates on trailers be mounted no higher than 1,300mm from the ground. Most states also add a requirement that the number-plate be visible from 45° above and 45° from both sides of the plate.

Although some leeway is allowed where this proves impracticable, to remove any element of interpretation Ultimate have assembled a *Number-Plate Stair Kit* to provide you with the option of relocating the number-plate to the underside of the stairs. The kit includes the following items:

- Aluminium Number-plate Bracket
- Replacement LED Number-plate Lamp
- Electrical wiring
- Connectors
- Conduit
- Screws
- Washers
- Nuts etc.

■ 1. FIT THE NUMBER-PLATE BRACKET

1. Raise the stairs to the 'in-transit' position • Position the *Number-Plate Bracket* between the two lower steps (refer to illustration) • Ensure that the panel is vertical (with the holes for the *Number-Plate Light* at the top) and centred on the stairs.
3. Drill a 5mm (3/16") dia. hole in each corner using the *Number-Plate Bracket* as a template.
4. Remove the bracket • Lower the stairs • Countersink holes from the upside of the stairs.
5. Remove the *Number-Plate* from its current position • Refit screws and hooks to their original locations • The lamp can be: left 'as is'; or the globe removed; or switched to illuminate the stairs.
6. Attach the *Number-Plate* and the *Number-Plate Light* to the *Number-Plate Bracket*. (Avoid using sharp self-tapping screws as they might present a hazard if hands or fingers are placed behind the bracket. Ideally use rivets, blunt self-tapping screws, or tap the holes for screws.)
7. Secure the *Number-Plate Bracket* to the Stairs using the screws supplied (3/16" dia. x 1/2" long Stainless Steel countersunk screws, dome nuts and washers).

■ 2. CONNECT THE WIRING

1. Remove the LH red Tail-light • Locate the Brown (power) and White (common earth) wires.
2. Drill a 6mm (1/4") dia. hole in the underside of the bumper, approximately 50mm forward from the rear edge of the bumper, and slightly to the RHS (right hand side) of the left hinge.
3. Route the *Number-Plate Light* wiring through the conduit • Secure the conduit within the recessed channels in the staircase e.g. with small beads of adhesive.
4. Thread the wiring through the hole beneath the bumper (use a grommet if desired), and out again through the tail-light opening. (Use some stiff wire to help with the threading if necessary.)
5. Splice (or solder) the lamp wiring to the Brown and White wires.
6. Refit the Tail-Light • Check operation of all lights.
7. Silicone the hole in bumper if no grommet fitted.

