



INSTALLATION GUIDE

BEFORE YOU START

This document details the procedures for installation of Outback® Flyover brackets used in conjunction with Attached Outback® Flat patios, Type 1A or Type 3A Sunroof patios, and Flat Attached Cooldek Outback® patios. The document must be used in conjunction with the appropriate Outback® Installation Guide.

Flyover brackets are used to elevate Outback Patios above the roof of attached structures. Outback® Patios must be designed with Flyover brackets positioned directly above walling and adjacent rafters.

Ensure you have the correct components and tools before installing Flyover brackets. This installation guide should be read in conjunction with the Installation Guide & engineering letters provided.

This installation does not relieve any other party of their responsibilities, liabilities, or contractual obligation.

PREPARATION

Flyover brackets must be secured to the framework of the adjacent structure prior to erection of Outback® Patio framework. Roof sheets or tiles will need to be lifted or removed to allow for sufficient access to the roof cavity.

Outback® Flyover brackets must not exceed 600mm in height, taken from the wall top plate.

RAFTER OVER STUD INSTALLATION

Flyover brackets must be situated atop the walling top plate and directly adjacent rafters or truss chords.

Secure the Flyover bracket to the top plate using two M10 coach screws through the two pilot holes in the base. M10 coach screws must have a minimum embedment of 38mm into the top plate (Figures 1.0-1.3) and require pilot holes drilled prior to installation.

The Flyover bracket must be secured through the upright to the truss (Figure 1.0 & 1.1), or to the rafter when no truss is present (Figure 1.2 & 1.3). One M12 bolt with washers and a locking nut must be used through Flyover upright and truss or rafter.

Framework must be held-down using 32x1.2mm galvanised metal strapping. Strapping must be secured to the stud wall and looped over and across the truss top chord (Figure 1.0 & 1.1) or rafter (Figure 1.2 & 1.3).

Secure strapping using either six 35x3.15mm galvanised flat-head nails each end, or three M6 coach screws each end.

STUD OFFSET RAFTER INSTALLATION

Flyover brackets must be situated atop the walling top plate and directly adjacent rafters or truss chords.

Extra fixings are required when wall studs are not located directly beneath a truss or rafter. Top plates must be further fastened to wall studs using two 14G-10TPI screws at each stud (Figures 2.0-2.3). 14G-10TPI screws must have a minimum embedment of 45mm into wall studs.

Secure the Flyover bracket to the top plate using two M10 coach screws through the two pilot holes in the base. M10 coach screws must have a minimum embedment of 38mm into the top plate (Figures 2.0-2.3) and require pilot holes drilled prior to installation.

The Flyover bracket must be secured through the upright to the truss (Figure 2.0 & 2.1), or to the rafter when no truss is present (Figure 2.2 & 2.3). One M12 bolt with washers and a locking nut must be used through Flyover upright and truss or rafter.

OUTBACK® FLYOVER INSTALL

OUTBACK FLYOVER BRACKET INSTALLATION GUIDE

RAFTER OVER STUD INSTALLATION

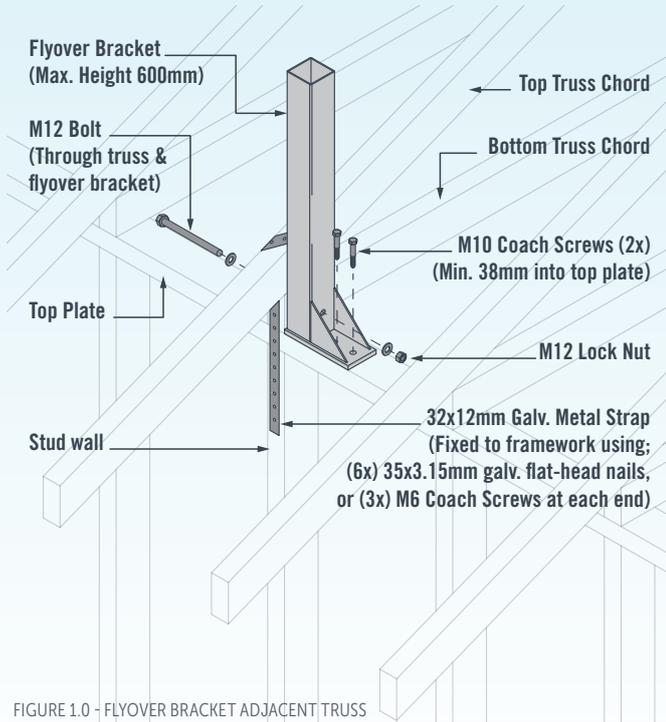


FIGURE 1.0 - FLYOVER BRACKET ADJACENT TRUSS

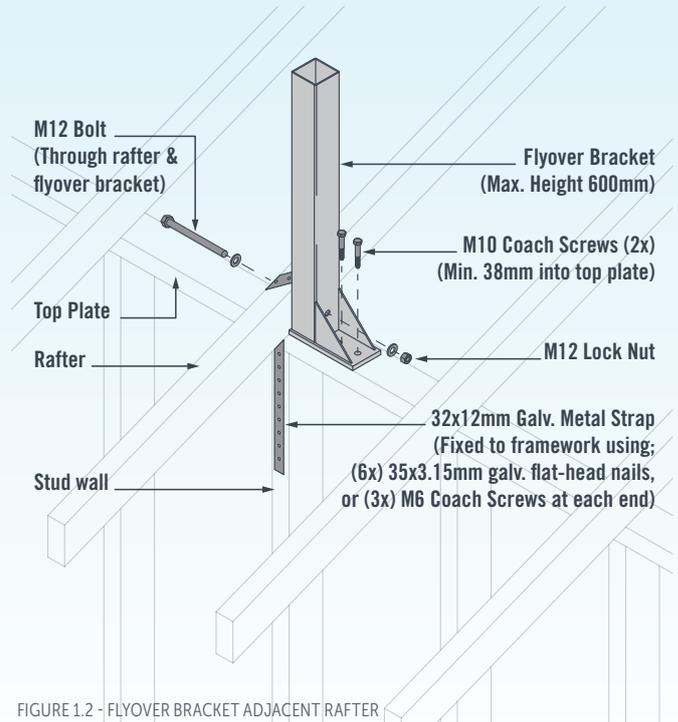


FIGURE 1.2 - FLYOVER BRACKET ADJACENT RAFTER

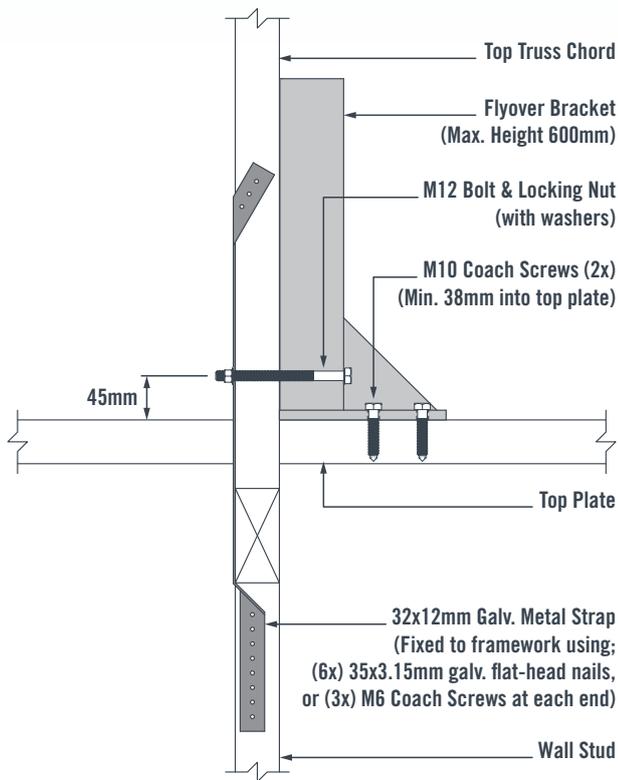


FIGURE 1.1 - FLYOVER BRACKET ADJACENT TRUSS

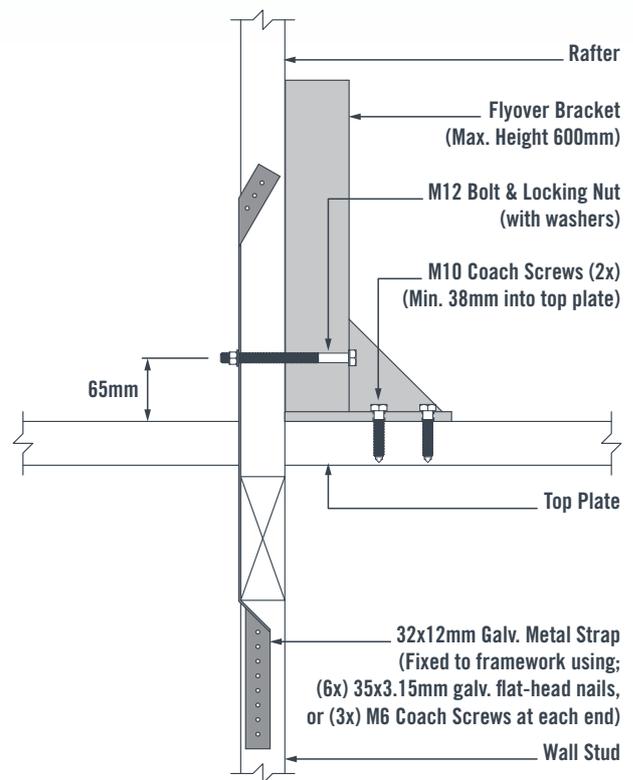


FIGURE 1.3 - FLYOVER BRACKET ADJACENT RAFTER

STUD OFFSET RAFTER INSTALLATION

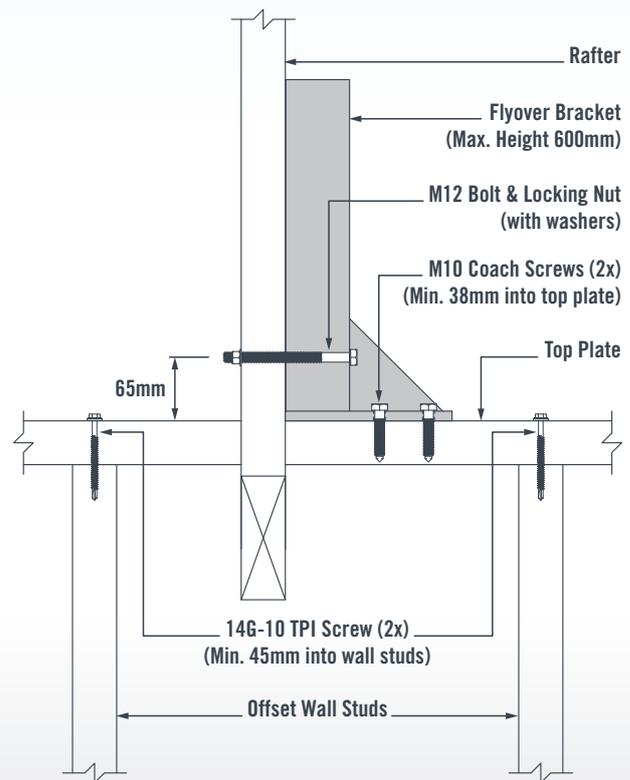
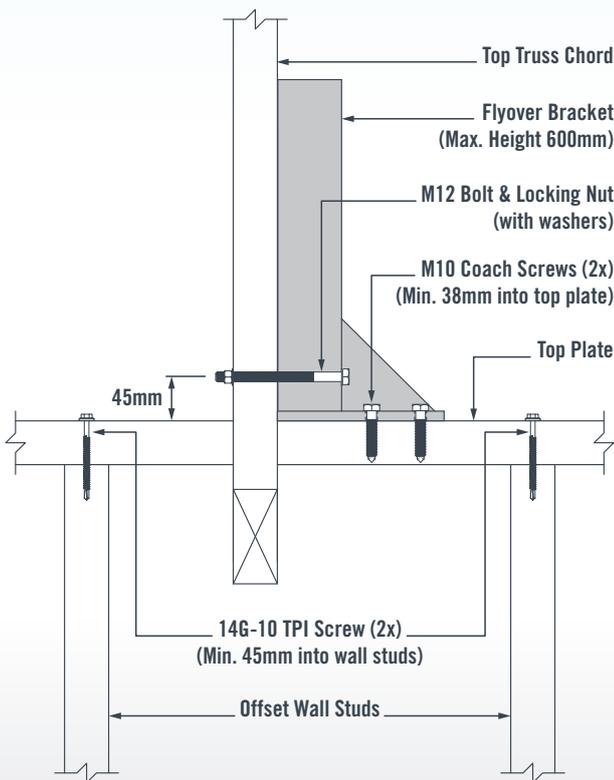
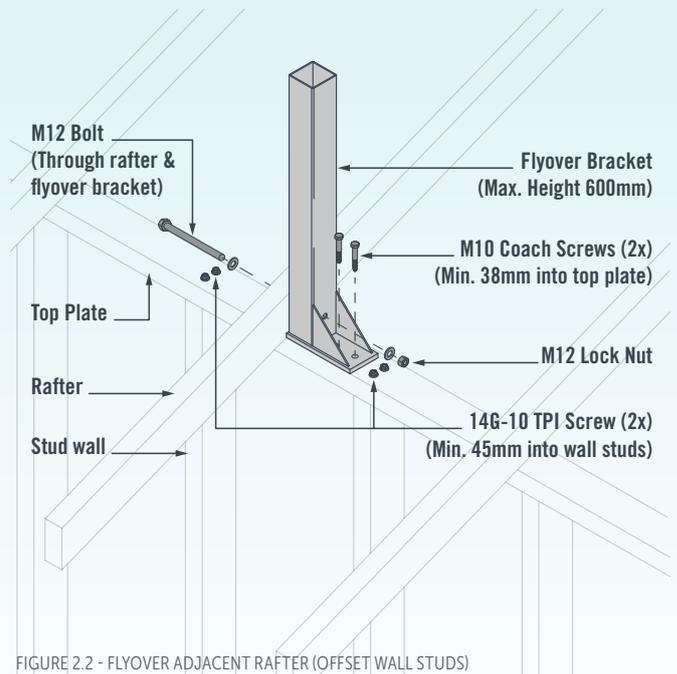
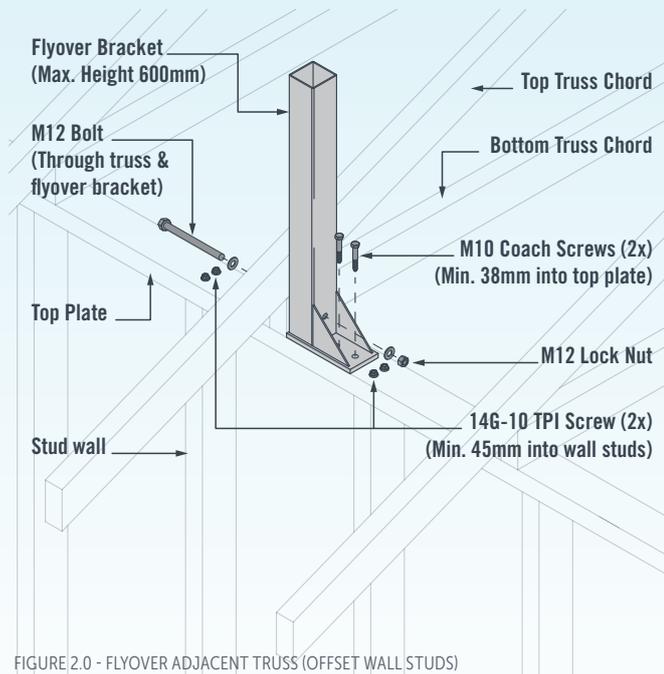


FIGURE 2.1 - FLYOVER ADJACENT TRUSS (OFFSET WALL STUDS)

FIGURE 2.3 - FLYOVER ADJACENT RAFTER (OFFSET WALL STUDS)



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How To.

