

YARRA HORIZON STANDARD OUTER PULL

Gainsborough



These instructions describe the steps to install a standard Yarra Horizon lock for general application. For other Yarra Horizon variations and non-standard applications, additional instructions may be required.

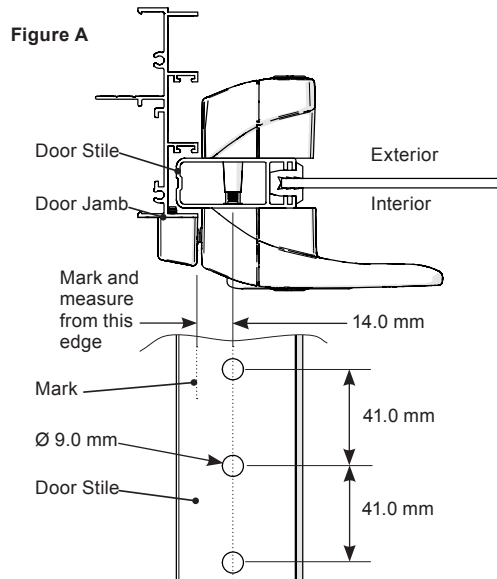
Read through all instruction steps before beginning installation. When replacing an older lock, modify the existing installation holes in the door stile and jamb if necessary.

IMPORTANT: If installing an EGRESS Yarra Horizon D-Pull, test the lock after installation to ensure correct operation. The interior lever on the EGRESS D-Pull must allow unlocking at all times. Test by locking the exterior by key, then rotate the interior lever. The interior lever must be free to retract the beaks.

1.

Door preparation

- For optimal installation, ensure the door is rolling smoothly and closing parallel into the jamb by lubricating and adjusting the rollers. Close the door and lightly mark the door stile at the edge of the overlapping jamb.
- Prepare three 9.0mm holes in the door stile as dimensioned below in Figure A. Ensure the holes are straight and free from burr.



2.

(optional)

Cylinder installation

- To remove a Cylinder Plug and install a Keyed Cylinder in the Exterior Assembly, remove the Base Plate Screw and lift off the Base Plate Assembly. Remove and discard the Cylinder Plug.
- Install the Keyed Cylinder into the Exterior Pull by matching the orientation shown in Figures B and C.
- Hold the Base Plate Assembly by the Spindle. Using the Alignment Markings on the Base Plate as a guide, ensure the Cylinder Gear is orientated as shown in Figure D.
- Place the Base Plate Assembly onto the Exterior Pull. If the Base Plate does not sit flush with the rear of the Exterior Pull, rotate the Spindle until it drops into place. Replace the Base Plate Screw.

Figure B: Exterior Pull Assembly

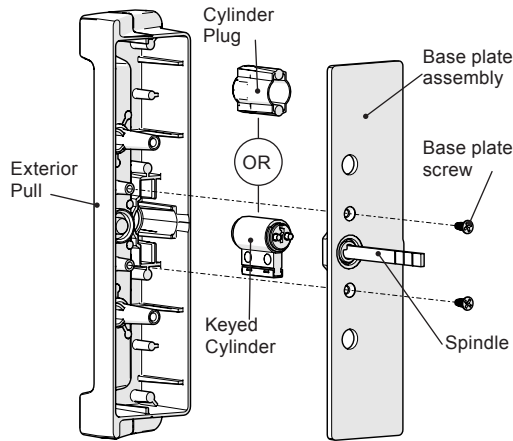


Figure C: Installing a keyed cylinder

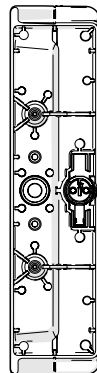
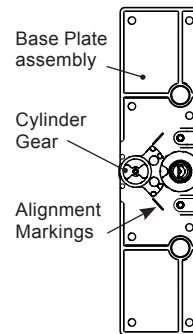


Figure D: Cylinder Gear Orientation



3.

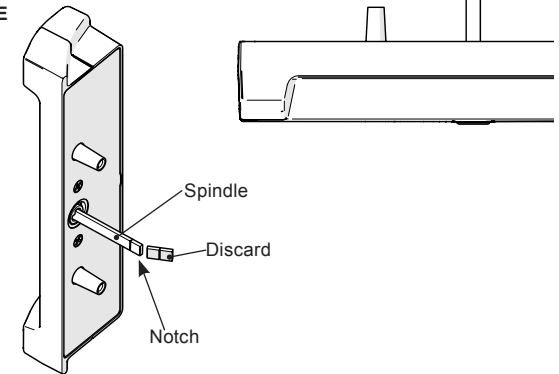
(optional)

Cylinder installation CONT.

Use the table below with Figure E to decide the correct length of the Spindle. Add the packer thickness to the door thickness in table if using packers. If necessary, use pliers or a vice to carefully break off the required number of pre-notched portions of the Spindle to suit the door thickness.

Door thickness	Spindle preparation
46.4 to 40.2mm	Break off '0' portions
40.1 to 33.9mm	Break off '1' portion
33.8 to 27.6mm	Break off '2' portions
27.5 to 21.3mm	Break off '3' portions

Figure E



4.

Select fixing screws

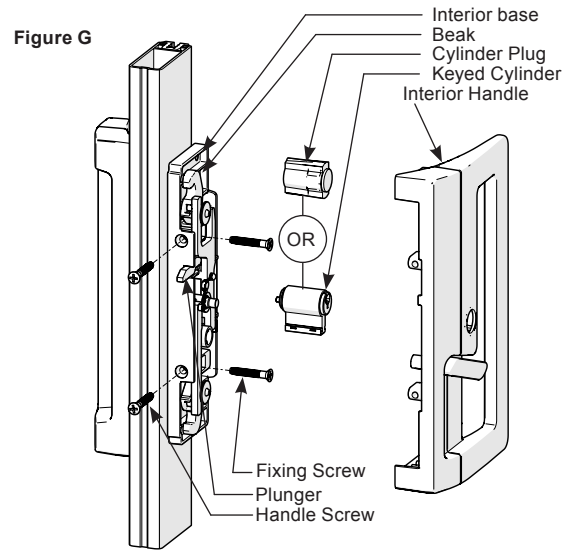
- Several pairs of Fixing Screws are provided to suit different door thicknesses. Use the table below to identify which are the correct length Fixing Screws. Add the packer thickness to the door thickness in table if using packers.

Door thickness	Screw selection
46.4 to 40.2mm	1 3/4" Fixing Screw
40.1 to 33.9mm	1 1/2" Fixing Screw
33.8 to 27.6mm	1 1/4" Fixing Screw
27.5 to 21.3mm	1" Fixing Screw



5. Fasten lock to door

- If the Beaks of the Interior Assembly are extended, use the Lever to retract them.
- Remove the Handle Screws and lift the Interior Handle off the Interior Base, place them aside.
- Place the Exterior Assembly onto the exterior face of the door stile. Rotate the protruding Spindle into a vertical position.
- While placing the Interior Base onto the interior face of the door stile, note the following:
 - Allow the protruding Spindle to enter the receiving slot on the underside of the Interior Base.
 - Locate the bosses on the underside of the Interior Base into the holes in the door stile.
- Pass the correct length Fixing Screws through the Interior Base and screw firmly into the Exterior Assembly.

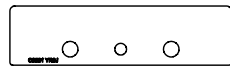


6. (optional) Install cylinder

- To install a Keyed Cylinder into the Interior Assembly, remove and discard the Cylinder Plug from the underside of the Interior Handle.
- Install the Keyed Cylinder into the Interior Handle matching the orientation shown in Figure G.

7. Fit interior pull

- Place the Interior Handle over the Interior Base. It may be necessary to rotate the Lever to find its correct orientation. Refit the two Handle Screws.
- Depress the Plunger and test the lock operation by operating the Lever and Cylinder Key(s) if applicable.
NOTE: Ensure the Beaks are in the retracted position before closing the door.



SPACERS

Timber doors with a weather seal and some aluminium doors may require spacers between the door and lock as shown.

8. Catch plate installation

Reverse the Adjustment Screws 3 anti-clockwise turns from fully 'screwed-in' position.

Front Fix Catchplate Installation:
Remove the cover fix screws and the cover.

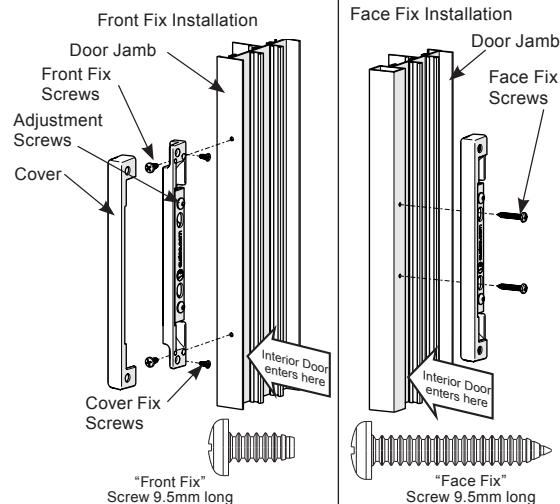
Close the door and position the Catch Assembly on the jamb opposite the lock with a 1 to 2mm gap between the lock and Catch Assembly. Mark the centre of the 'front fix' slots and drill 3.5mm pilot holes.

Use two 'Front Fix' 9.5mm long screws to fit the Catch Assembly lightly to the jamb. Gently close the door and operate the Lever to test the Beak engagement. Move the CatchPlate Assembly up and down and adjust the Catch Plate in and out to achieve the best fit.

Tighten the 'Front Fix' Catch Screws, refit the Cover and re-install the cover fix screws.

Face Fix Catchplate Installation:

Leave the Cover in place. Mark the centre of the 'face fix' slots. Screw to the jamb using two 'Face Fix' 25mm long screws. Adjust catchplate position as described above.



Installation

The product must be installed according to the instructions included in the product packaging and the door should be apertured according to the door "cut-out" dimensions and tolerances shown.

Prior to fitting ensure that:

- Doors stored on site are stored in a clean dry area free from cement, lime, paint, acid etc.

During fitting of the lock ensure that :

- No metal swarf or other contaminants enter the lock body.
- The fixing screws do not damage the product finish.

After installation of the door ensure that:

- The door is correctly adjusted with the correct clearances.
- The lock engages the catch plate correctly.
- The door is protected from building fall-out such as wet plaster, mortar, and paint.

If the door becomes contaminated:

- Do not paint the lock body or faceplate.
- Remove wet plaster, cement, mortar and other droppings immediately, using clean water and a sponge or rag, to avoid permanent staining or scratching of the product finish. If removal is delayed and scraping becomes necessary the surface finish may suffer.

Maintenance

Annually inspect the door to confirm that the door operates with the correct clearances, closes and opens without obstruction. Confirm that the lock beaks engage easily with the catch plate when the door is closed and the lever or key is turned - adjust the door if necessary.

Annually check that when the door is closed, the lock can be locked by key and by the lever.

NB : The lock assembly has been lubricated for life, and should not be disassembled by the user.

Cleaning Powder Coatings

Every six months, powder coated surfaces should be cleaned to protect the finish. However, in areas where pollutants are more prevalent, especially in coastal or industrial regions, cleaning should be carried out every two to three months.

To clean the powder coated surface:

1. Carefully remove any loose deposits with a wet sponge.
2. Use a soft brush (non abrasive) or cloth and a mild household detergent solution to remove dust, salt and other deposits. Do not use steel wool, scrapers, scouring liquids or powders to remove deposits as these permanently scratch the coating surface.
3. Rinse off with clean fresh water.

Cleaning Chrome, Satin Chrome, Gold and Brass Finishes

Plated finishes are susceptible to tarnishing if they come into contact with moisture, wet paint, or water vapour. All plated finishes should be coated with a non-abrasive furniture or car wax immediately after installation. Plated finishes should be regularly wiped with a non-abrasive furniture or car wax, taking care not to scratch any protective finishes that are employed to protect the surface and prevent tarnishing.

MAINTENANCE LOG

Address of Building :

Name of Door :

Date	Activity	Signed



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