

Instructions to Fit **PROTECTOR®** ZODIAC Door Furniture

This exemplary set of lever handles is to be commissioned. Much can be complimented through proper and diligent fitting – many of the special features, the quality of function and more over the delight of the end user can be compromised through careless work and disregard. Please consider and follow the instructions. The considerable investment, the effort at design and manufacturing level as well as the investment of the end user could be void if the special features are not correctly worked to e.g. positioning.

1

Preparation: Good and accurate marking is paramount and time saving. Fix-ups always take twice as long. Some strategically placed masking tape is very useful and time saving to avoid permanent damage such as scarring with too hard a pencil.

2

Mark carefully the horizontal centre line to accurately match the follower centre line to the fitted lock or latch ON BOTH SIDES of the door using a square off the door edge. Mark carefully the vertical centre line, giving due regard to the specific actual achieved back set of the fitted lock ON BOTH SIDES of the door parallel to the edge, long enough as keyholes or cylinder or turn snib apertures are almost always in line. An essential prerequisite to this is that the lock or latch is fitted accurately and most importantly the lock body being PARALLEL to the door surface.

3

Mark carefully the screw hole centres ON BOTH SIDES of the door measuring from the actual dead centre of the follower. Choose either the two vertically or horizontally orientated screw position for through bolt fixing (supplied) or all 4 positions for wood screw surface fixing. PROTECTOR® locks and latches feature an 8mm \varnothing follower. Press in the stainless steel spindle adaptor and push through the 7.62mm \varnothing spindle provided. The snug fit will enable to quite accurately determine the centre. 8mm \varnothing spindles do not require the adaptor in the follower.

4

Drill carefully – maintaining the centre – perpendicular (square) to the door surface from BOTH SIDES of the door. DO NOT over-drill in diameter size. The provided through-bolt metal threads are 5/32"Ø (4.0mm Ø). A 3/16" Ø or 5mm Ø should be sufficient to allow minimal "self adjustment" and still provide firm location of the lever-rose to avoid the dreaded and cheapening wobble and movement during operation. Drill the appropriate diameter hole if wood screws are to be used. (No. 4 stainless steel "Allthread" (supplied) are best). Use bees wax – it's amazing. (Data sheet available). The special feature of DAMPING ACTION demands an accurate fitting to be fully functional. Offset either to one or both sides – will introduce unnecessary friction.

5

Screw a Metalthread through the one rose into the other and gauge the excess length for trimming. Too short a screw could allow failure, too long a screw will push out an unsightly dome on the over-rose when fitting. When using the Metalthread tie screws it is recommended to also use the remaining supplied wood screws as "set screws". After fitting the Metalthreads (taking care not to over tighten which may cause a mis-alignment and binding of levers), fit the wood screws and tighten and release as required while testing levers to obtain optimum operation.

6

Fasten door furniture and test for friction free operation. Make minimal adjustment if necessary. Firmly tighten the two special grub screws (underneath). They are a very important part of the system. Use "Loctite"™ or similar, even a drop of nail polish (if you forgot yours, ask the lady of the house) to avoid vibration-caused loosening.

P.S.

To peel away masking tape without "lifting" paint please free a small corner, fold right back onto itself, remove carefully. Do not rip. To clean any stubborn spots or tacky "gum" from adhesive tape or labels, use the versatile citrus based solvent cleaner "De-Solv-it"™. It does not usually "dull" paint. Test first. Any questions or comments or better ideas please phone (03) 9592 4333. We would like to know. A helpful tool-"BOA Constrictor®" is available for easy & damage-free removal of the outer rose.



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