



WARNING

- To keep the handle in good aesthetic conditions over time, avoid contact with vehicle wax and hydrocarbons (mineral naphtha, oil, etc.).
- During assembly/disassembly operations and ordinary maintenance, follow the safety rules provided in your country and wear suitable clothes (coats, goggles, gloves, etc.).
- Lubricate the lock with Tribol 4020 - 460 - 2 grease (grease with mineral base) every two months.
- The Company disclaims all responsibility and will not release any warranty in case the product is installed on systems or used with components that have not been manufactured by the Company itself. The Company will not be held responsible for any customer claims due to damages suffered or caused to third parties.

BASIC OPERATIONS

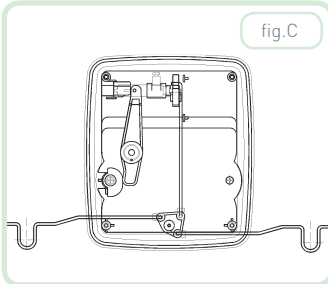
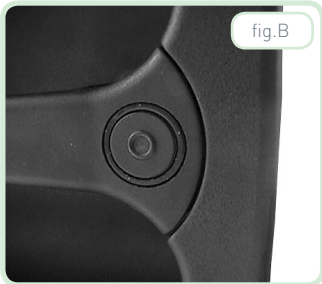
P.332 opening mechanism can be controlled by:

- a) driver's control board, acting on an electropneumatic gearbox P.131 o P.132;
- b) emergency key located on the handle itself.

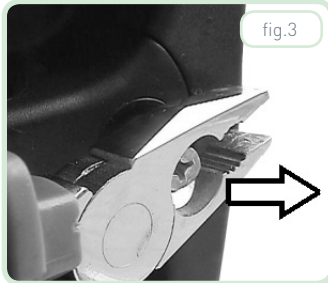
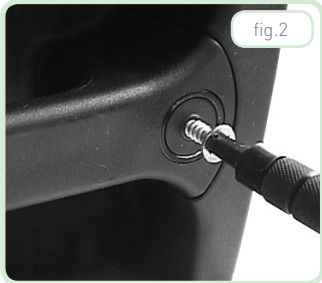
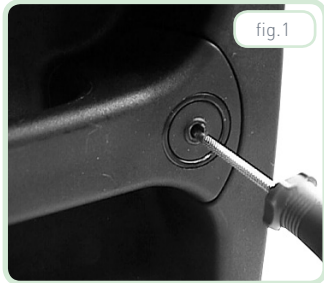
The handle is supplied with no P.474 lock (it has to be purchased separately). It comes with a statorcovering lid in case you do not wish to install the P.474 lock onto the handle.

To fix locks P.474 follow the instructions of service manual "JOK System" - code 40712 inserted in this package. PRIMA Industries Srl reject any responsibility if the instructions contained in the above mentioned document are not fully observed: failing to do so could make the handle unusable.

Fit lid into its seat in order to install it with a light pressure (fig.A-B), after making sure that the opening mechanism is in the "CLOSED" position (fig.C)



If you already installed the lid and if you wish to replace it with the lock, you can do this by removing it in the following way: • Pierce lid with a metal stick $\varnothing$ 4.5 (fig.1). • Insert a self-threading screw ($\varnothing$ 5.5 mm) into the hole (fig.2). • Remove lid by using pliers on the screw (fig.3).

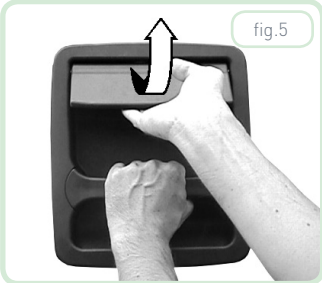


OPERATION: • hold catching handle with one hand and slip the other hand under working handle (fig.4).

• By holding the handle firm, release opening mechanism by turning working handle upwards (fig.5).

• After releasing opening mechanism, lift door by pulling working handle upwards (fig. 6).

ATTENTION!: Please carefully follow the aforementioned procedure.



TROUBLESHOOTING

SYMPTOM	PROBLEM	POSSIBLE REMEDY
If The handle body moves during opening and closing.	Loose handle.	Check the driving torque of the screws M6 (point 3 of assembling procedure).
The lockwill doesn't turn during opening.	Key is not fully inserted.	Pull out the key and insert it again, while making sure there are no burrs.
The opening mechanism doesn't work smoothly.	Length of rods. Lock alignment pin.	Adjust the length of rods by using the setting folds (point 4). Check the alignment of the lock and the counterdowel and adjust the counterdowel if necessary.
Pressure isn't kept constant within the circuit.	Air leakage from cylinder or coupling.	Identify the leakage (soak the handle in water): a) Air leakage from the coupling: pull out the pipe and face it with scissors (fig. M); screw the coupling off, insert an oil drop in cylinder thread and screw back. If the problem continues, replace the coupling with a PRIMA spare coupling; b) Air leakage from cylinder: replace with a PRIMA spare cylinder.

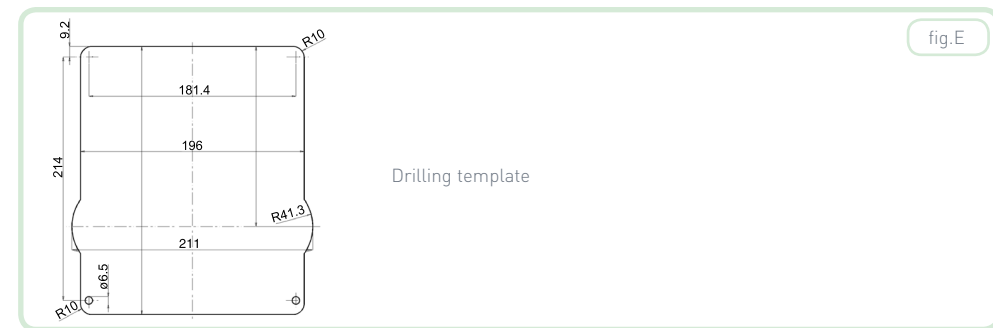
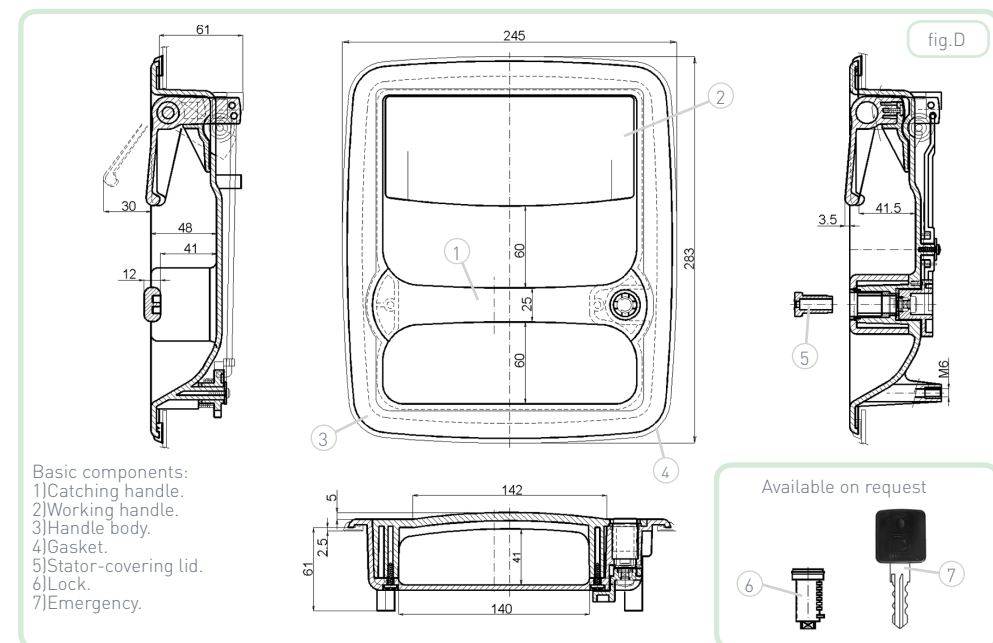
For Further information please contact our Sales Department.

In case of contentions about this kind of Products, please refer to the code and lot number signed on the white label on the package

DESCRIPTION

The handle is supplied only in the pneumatic version. A stator-covering lid is supplied with the handle.

No lock is supplied, so it has to be purchased separately. Dimensions and fixing dimensions are shown in fig.D and fig. E.

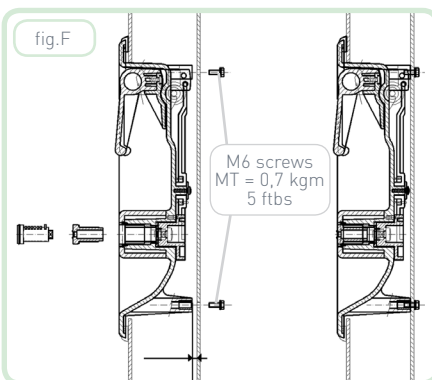


ASSEMBLY PROCEDURE

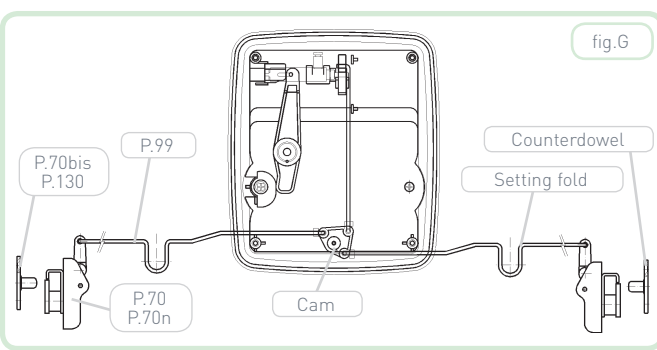
1 - Make sure the gasket fits the handle profile and insert the handle in its special housing in the door (use of adhesive silicone or other bonding agents will not damage the gasket).

2 - Align the fastening slots to the corresponding ones in the doorand follow the indications on the drilling template (make sure the conditions prescribed in fig.E - F are complied with).

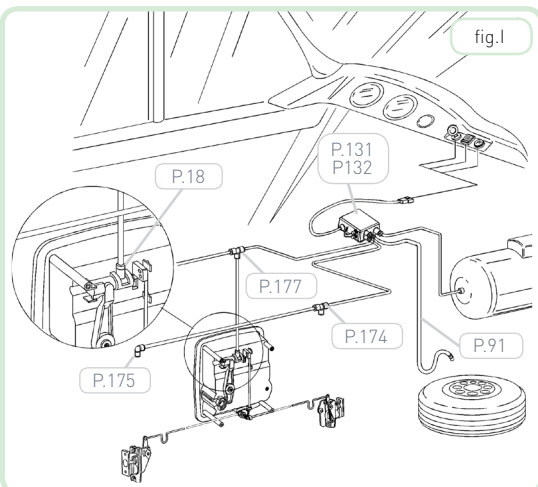
3 - Fasten the handle to the door by using four M6 screws (screws and washers are not included in the package). Tighten the screws to a 0.7 Kgm - 5 Ftlbs max driving torque (after tightening the screws, the handle bushings must rest against the inner door plate fig.F).



4 - Apply the connecting rods P.99 or P.116 or P.118 to the lock P.70 or to the cam. The rods have a direction (right or left) and their length can be adjusted by using the setting folds (fig. G).



5 - Connect the Rilsan pipe P.177 diam. 4 mm (cut with special cutter blade scissors to avoid oval shapes and burrs (fig.H) to the coupling P.18 fastened to the pneumatic cylinder (fig.I). Connect the free pipe terminal to the couplings P.174, P.175 and P.176 of the bus pneumatic system.



6 - Check if the pipes are properly connected to the pneumatic gearbox (P.131 or P.132).

7 - Operate the handle to check if its connections work smoothly. As a final test, close and open the door a few times.

8 - As last operation, mount the stator-covering lid or the lock intothe stator.

DISASSEMBLY PROCEDURE

1 - Release the connecting rods from the joint P.94 and remove them from the driving cam.

2 - Loosen and remove the four M6 screws.

3 - First, check if the pneumatic system is off. To release the Rilsan pipe, press the orange ring of the coupling towards the pin and pull out the pipe.

4 - Pull the handle out from the door.

This product is conform to the following norms in force: UN ECE R107/06; Directive 2000/53/EC; Directive 2003/11/EC; UN ECE R118.2; FMVSS 302; ROHS; REACH; GADSL; PAH; CONFLICT MINERALS RULES.

The disposing of the product must be done conforming to the Directive 2000/53/EC and to the laws in force into the Country where it's done, taking care the symbols for recycling included (where possible) on the single parts.

The abusive disposing from the user means the application of the administratif penalties foreseen from the national current norm. The separated collection and recycling allow to reduce the consumption of the natural resources, besides to safe the environment and protect the human health.

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