

antipanic S.r.l.

MAINTENANCE LOGBOOK



Safety and Security

**INSTALLATION & MAINTENANCE
REQUIREMENTS FOR PANIC EXIT
and EMERGENCY EXIT DEVICES**

Exit Door No. _____

Location _____



MAINTENANCE INSTRUCTIONS

NOTE: To ensure performance in accordance with BS EN1125 and BS EN179 the following routine maintenance checks should be undertaken at regular intervals

WEEKLY

1. A visual inspection and operation of the device to ensure that all components working correctly.
2. Ensure that the strikers are free from obstruction, latches move freely and pass by the striker when operated.
3. Check for any loose components - tighten if necessary.

MONTHLY

1. Check operation of device with door open several times - then again with door closed.
2. Ensure that the strikers are free from obstruction and latches are fully extended when in the closed position.
3. Remove covers and check that all moving parts of mechanisms and latches are lubricated.
4. Check operation of device with covers removed for any obstructions.
5. Check tightness of all fixing screws and replace covers.
6. Check that no additional locking devices have been added to the door since its original installation.
7. Check that all components of the complete system are still correct in accordance with the list of approved components originally supplied with the system.
8. Check that the operating element is correctly tightened and, using a force gauge, measure the operating forces to release the exit device. Check that the operating forces have not changed significantly from the operating forces recorded when originally installed.

INSTALLATION AND FIXING INSTRUCTIONS

NOTE: Exit devices manufactured in accordance with BS EN1125 and BS EN179 will provide a high degree of safety for people and reasonable security for property provided that they are fitted to doors and door frames in good condition. The safety features of the devices are of fundamental importance to ensure its compliance with the standards. No modifications of any kind other than those described in the Installation instructions are permitted.

1. Installation instructions together with drawings and dimensions specifying appropriate fixing arrangements for the various door types are included with each exit device.
2. Before fitting an exit device, the door should be checked to ensure correct hanging and freedom from binding. It is not recommended that exit devices should be fitted to hollow core doors unless specifically designed by the manufacturer for this type of door. It is recommended to verify that the door construction allows the use of device. i.e. to verify that offset hinges and engaging leaves allow both leaves to be opened simultaneously, or to verify that the gap between door leaves does not differ from that defined by the manufacturer, or to verify that the operating elements do not interfere etc.
3. Before installing an exit device to a fire/smoke door, the certification should be examined to ensure the suitability of the device for that door assembly. It is of utmost importance that an exit device is not used on a door assembly of a greater resistance time than approved for.
4. Care should be taken that any seal or weather-strip fitted to the door assembly does not inhibit the correct operations of the device.
5. On double doorsets with rebated meeting stiles and where both leaves are fitted with exit devices, it is essential to check that either leaf will open when its respective device is activated and also that both leaves will open freely when both exit devices are operated simultaneously.

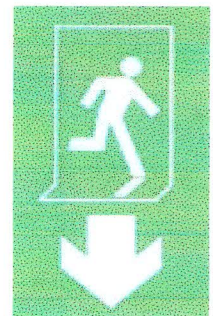
continued on rear cover

INSTALLATION AND FIXING INSTRUCTIONS

6. Where exit devices are manufactured in more than one size please ensure the correct size is selected.
7. Category 2 (standard projection) exit devices should be used in situations where there is restricted width for escape, or where the doors are not able to open beyond 90°
8. Where a device is fitted to a glazed door, it is essential that the glazing should be toughened or laminated glass.
9. Alternative fixing screws may be necessary for fitting devices to wood, metal, PVC-U or frameless glass doors. For more secure fixing, male and female through-door bolts can be used.
10. Exit devices are not intended for use on double action (double swing) doors unless specifically designed by the manufacturer.
11. The installation instructions must be carefully followed during installation. These instructions and the maintenance booklet should be handed over to the end user, the authorised representative or building occupier after completion.
12. Normally the operating element (push bar or push pad) should be installed at a height of between 900mm and 1100mm above the finished floor level, when the door is in the secured position. Where it is known that the majority of the occupants of the premises will be young children, consideration should be given to reduce the height.
13. For panic devices the horizontal bar should be installed so as to provide the maximum effective length (never less than 60% of the door width)
14. The bolt heads, latches and strikers/keepers should be fitted so as to provide secure engagement. Care should be taken to ensure that no projection of the bolt heads or latches, when in the withdrawn position, could prevent the door swinging freely.
15. Where exit devices are to be fitted to double doorsets with rebated meeting stiles and self-closing devices, a door coordinator device according to EN1158 should be fitted to ensure the correct closing sequence of the doors. Note: This recommendation is particularly important with regard to fire/smoke door assemblies.
16. No additional devices for securing the door in the closed position other than specified herein should be fitted. This does not preclude the installation of self-closing devices.
17. If a door closing device is to be used to return the door to the closed position, care should be taken not to impair the use of the doorway by the young, elderly and infirm.
18. Only strikers, keeps or protection plates provided by the manufacturer should be fitted in order to ensure compliance with the European Standards.
19. Following installation, using a force gauge, measure and record the operating forces to release the exit device
20. For BS EN1125 a sign which reads "push bar to open" or a pictogram should be provided on the inside face of the door immediately above the horizontal bar.
For BS EN179 a sign which reads "push to open" or a pictogram should be provided on the inside face of the door immediately above or adjacent to the push pad. The surface area of the pictogram should be no less than 8000mm² and its colours should be white on green background. It should be designed such that the arrow points to the operating element when installed.
(see example of pictogram)

It is hereby declared that this exit device was installed according to the manufacturers instructions.

Signature and Stamp of Installer



Product
Bulletin

Liplex Heavy Duty 2

Categories: Grease

Premium, multipurpose EP, heavy-duty industrial and automotive grease containing an ISO 680 mineral base oil, a lithium complex thickener, EP additives, rust and oxidation inhibitors and polymer additives. Brown in colour. It is available only in an NLGI grade 2.

RECOMMENDED FOR

Liplex Heavy Duty 2 is recommended for industrial applications, construction equipment and agricultural tractors where, due to extremely heavy loads, a more viscous base oil is required to provide a thicker lubricating film. It is also suitable for heavy duty automotive service such as wheel bearings and chassis on trucks and buses.

The usable temperature range in continuous service is -15 to 130°C.
Maximum temperature for short term exposure is 210°C.

PRODUCT BENEFITS

Saves maintenance costs

Effective EP additive protects against component wear under severe conditions and shock loading. Rust and corrosion inhibitors protect metal surfaces, even in conditions of severe water exposure.

Minimises downtime

High dropping point minimises leakage at elevated temperatures, and excellent oxidation resistance promotes long grease life. Natural water resistance of the lithium complex thickener, combined with the polymer additive, reduces water wash-out.

Minimises inventory costs

Multipurpose capability allows use in a wide range of heavy duty automotive and industrial applications where a higher oil viscosity is preferred.

KEY PROPERTIES

NLGI Grade	2
Soap Base	Lithium Complex
Appearance	Smooth, Tacky, No Lumps
Colour	Brown
Base Oil Viscosity, cSt at 40°C	680
Dropping Point, °C D 2265	230+
Four Ball EP Weld, D2596,N (kgf)	2450+ (250+)
Four Ball Wear Scar, D2266, mm	0.6
Penetration worked 60 Strokes, D217, tenth mm	280
Wheel Bearing Leakage D1263,g	5
Water Wash-out D1264,80 °C Max	6%
Rust & Corrosion, D1743	Pass
Timken OK Load, kg	18+

ENVIRONMENT, HEALTH AND SAFETY

Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your

environment. Do not pollute drains, soil or water with used product.

OTHER INFORMATION

For further technical information on Caltex products & services call Lubelink Advisory Service on 1300 364 169 between 8.00am & 6.00pm (EST) Monday to Friday.

All reasonable care has been taken to ensure that the information contained in this publication is accurate at the time of printing. However, the information is liable to variation in the event of subsequent changes in the blend, formulation, method of storage, improper handling and usage etc.