9412 INS-H254

T72V Power Selectable EN2~4 BS EN 1154 : 1997

Installation Instruction :

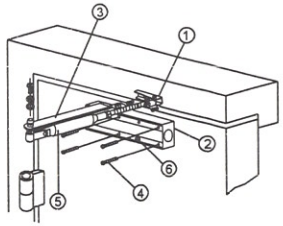
I.

Power size	Max. Door width	Max. Door weight	Max. Door Opening
EN2	850mm	40Kg	180°
EN3	950mm	60Kg	180°
EN4	1100mm	80Kg	130°

1.According to the information show above. Select power size to suit door width or weight. Determine installation position according to the power strength of closer and use template mark four(4) holes on door for closer and two(2) holes on frame for arm shoe.

2.Drill pilot holes in door and frame for #10-13x2 all-purpose screws or dill and top for M5x0.8 machine screws.

II.



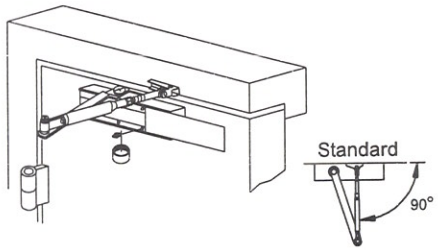
3.Install adjustable forearm / arm show assembly to frame using screws provided.

4.Install main arm to top pinion shaft using screws provided.

5.Mount closer on door using screws provided.

① Arm shoe ④ Mounting screw
② Closer body ⑤ Link arm
③ Main arm ⑥ Fixing Screw

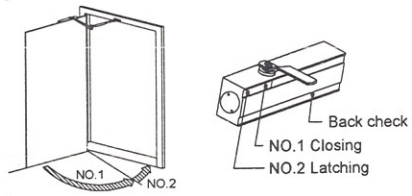
III.



6.Adjust length of forearm so that adjustable forearm is perpendicular to frame when assembled to preioaded main arm.

7.Secure forearm to main arm with screws provided and snap pinion cap over shaft at bottom of closer.

IV.



When adjusting please note is a MAXIMUM OF 3 TURNS. Over adjustment affect the performance of the closer. In such instance our Guarantee becomes VOID.

* Adjust the Closing & Latching speed.
1.The door closer can control two different speeds.
2.The NO.1 speed adjusting valve controls Closing speed, and the NO.2 speed adjusting valve controls the Latching speed.

① CLOSING ② LATCHING

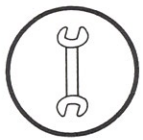
IMPORTANT INSTALLATION NOTES :

AFTER INSTALLATION,PLEASE CHECK AND TEST:

1.Open the door leaf to its maximum opening angle and release. The door leaf should close fully into the door frame and overcome the latch.
2.Open the door leaf and rest the latch bolt on the striker plate. Release the door leaf. The door closer should have sufficient power to latch the door leaf closed.
3.Back-check provides a cushioning effect when the door is forcibly thrown open but does not serve as substiture for a door stop.

WARNING:

1.Due to door closer power sizes 1&2 are NOT considered suitable for use fire/smoke door assemblies. Therefore,the minimum spring strength allowed for fire/smoke door assemblies is spring strength 3.
2.The mechanical hold open devices must NOT be installed in fire/smoke door.
3.Door closer should NOT be opened beyond the max. Opening angle of the power size you selected.
4.This door closer contains a powerful spring,which is inserted into the body under pressure. Under circumstances should not attempt to dismantle the door closer.

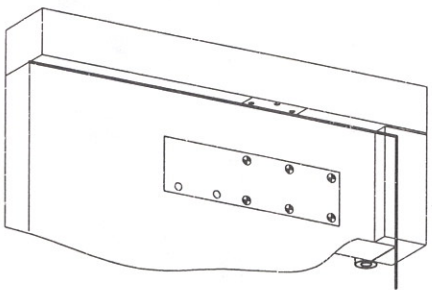


MAINTENANCE:

1.Check the door closer every three months to ensure all fixings are secure and adjust,if necessary,adjust the closing and latching speed and mark the door operating both functionally and smoothly, in accordance with the expectations of BS EN 1154:1997.
2.Apply light oil to arm knuckle joint and door hinges.

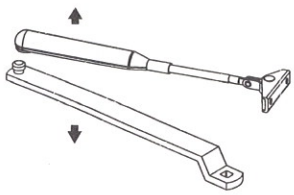
T72V *Parallel fixing (66) on push side.*

1



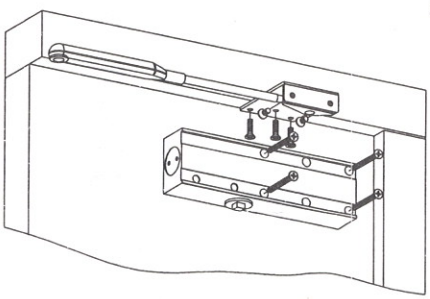
Please install the closer body and parallel arm bracket according to the template

2



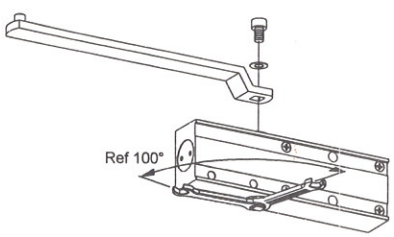
Dismount the main arm and link arm

3



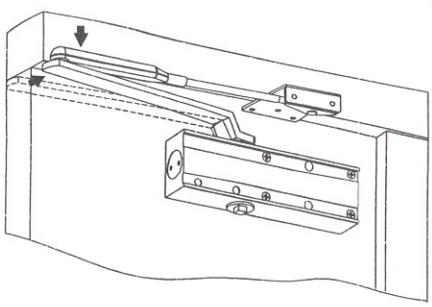
Fix link arm, parallel arm bracket and closer body by M5 screws

4

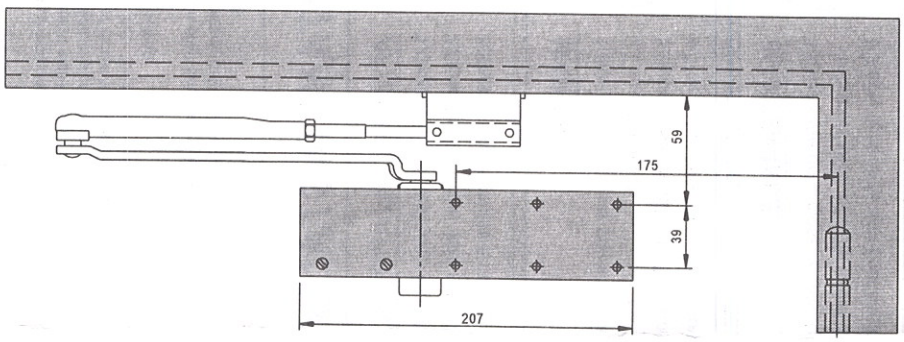


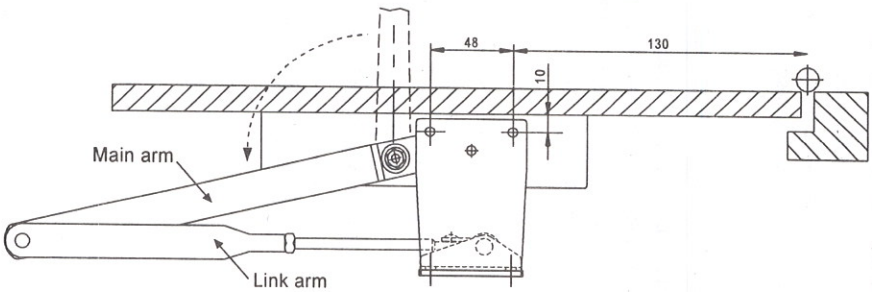
Rotate the pinion approximately at 100° by wrench as illustrated and then assemble the main arm with pinion by M6 screw tightly

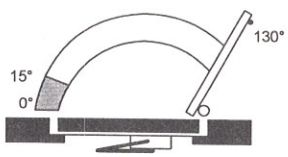
5



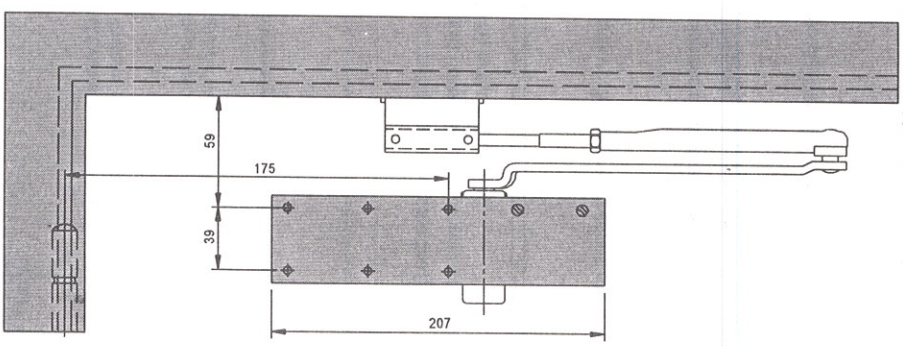
Connect the main arm and link arm as illustrated

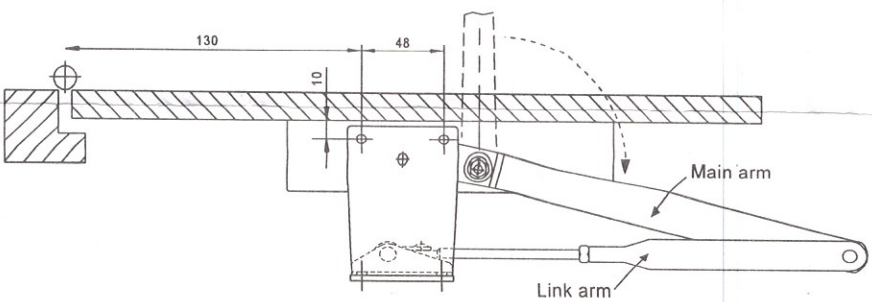






Power size	Max. Door width	Max. Door opening
EN3	950mm	130°





Power size	Max. Door width	Max. Door opening
EN3	950mm	130°