INSTALLATION INSTRUCTIONS

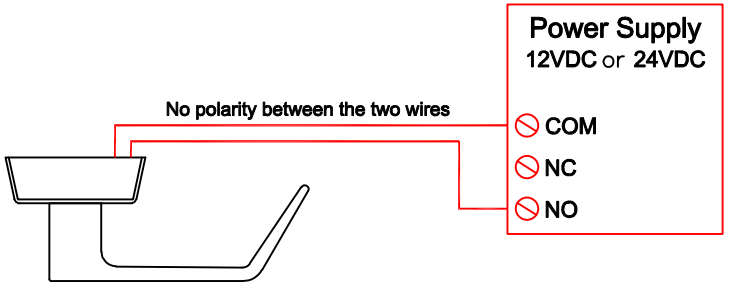
DT109M FSE 12V EURO, DT109M FSE 12V ANSI OR DT109M FSE 24V ANSI

FSA (Fail Safe): The lever remains unlocked during power failure.
FSE (Fail Secure): The lever remains locked during power failure.

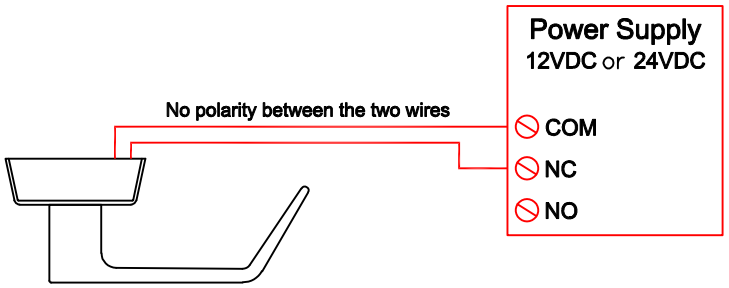
Electrical Specifications

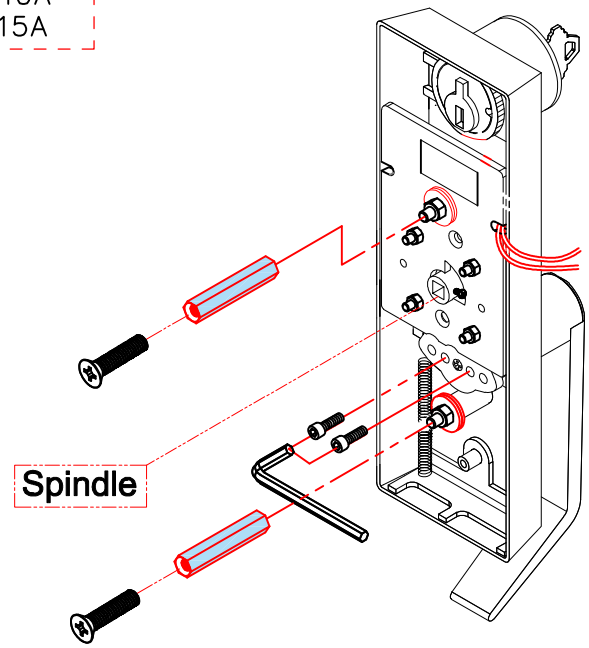
Voltage	Current
12VDC	0.240A
24VDC	0.115A

Default Fail Secure (FSE)



Default Fail Safe (FSE)





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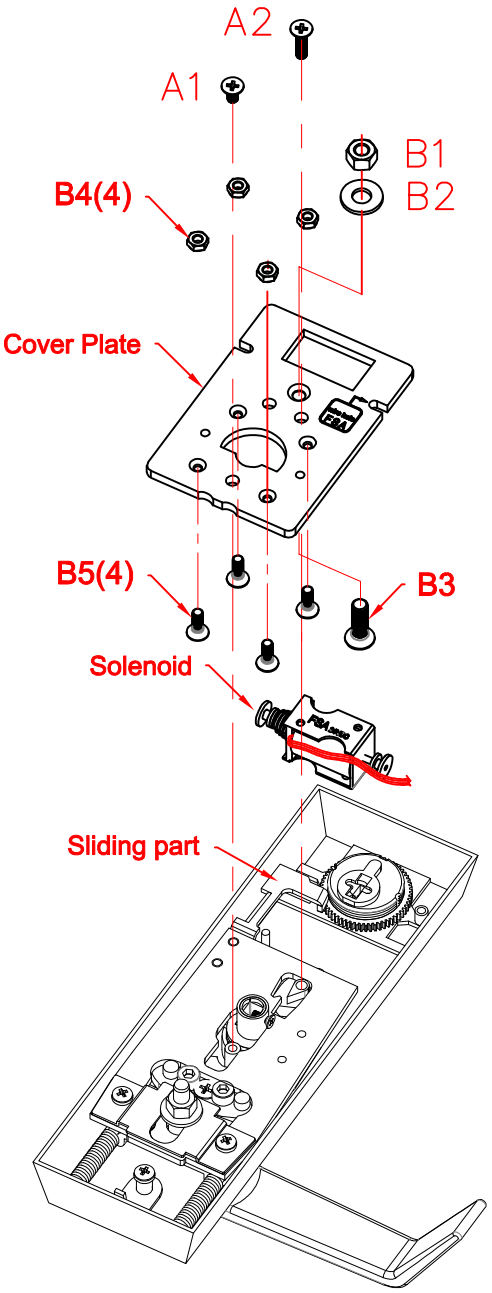
DURABLE COLLECTION

DT109M FSE 12V EURO, DT109M FSE 12V ANSI OR DT109M FSE 24V ANSI

CHANGING A LEVER SET FROM FAIL SECURE (FSE) TO FAIL SAFE (FSA)

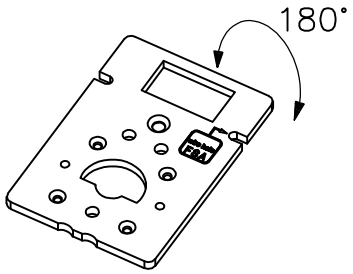


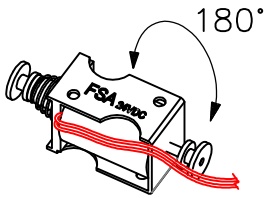
Step A

Take off A1 & A2 → Take off Cover Plate
→ Take off B1, B2, B3, B4, B5 → Take off solenoid

Step B

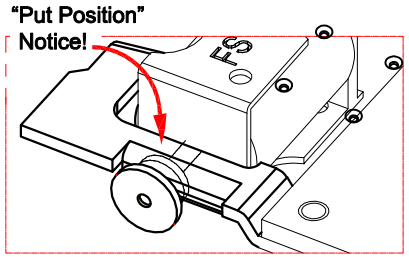
Filp over 180° (i) "Cover Plate" (ii) "Solenoid"

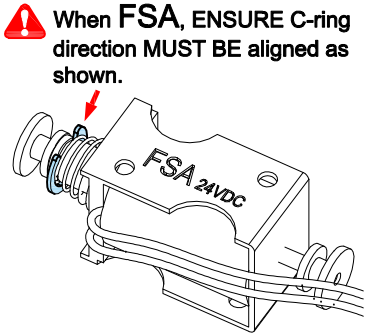




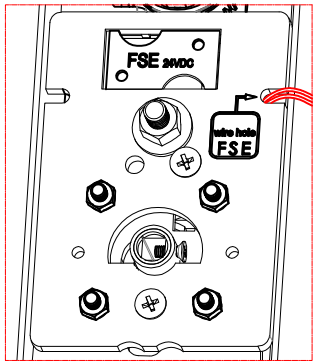
Step C

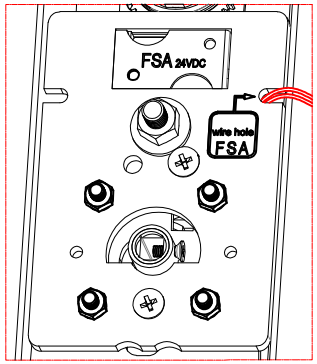
Ensure
(i) sliding part position.





(ii) Labels on two flipped parts are matched.





Step D

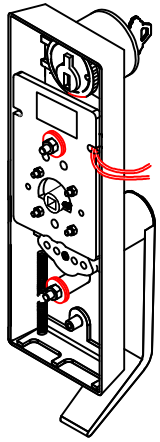
Assembled all parts and screws back.

DURABLE COLLECTION

INSTRUCTION FOR SETTING HAND OF LEVER

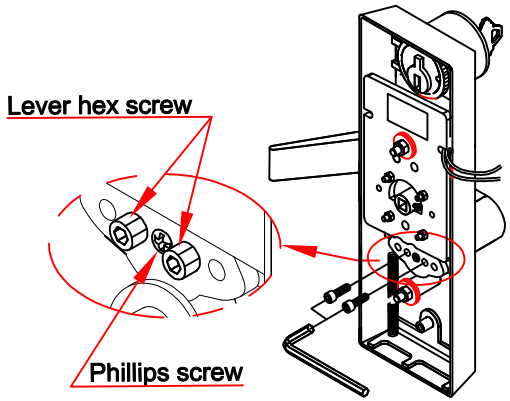
DT109M FSE 12V EURO, DT109M FSE 12V ANSI OR DT109M FSE 24V ANSI

Step 1.
Trim shipped with lever in the neutral (non-handed) position.



(Neutral Position)

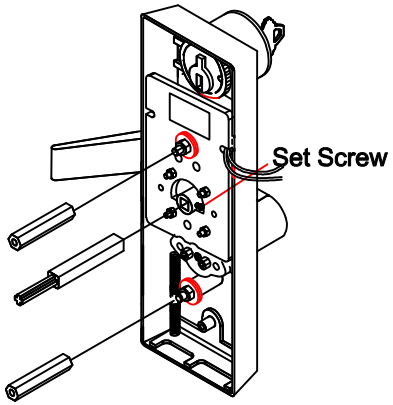
Step 2.
Rotate lever to desired hand. Insert two lever hex screws accordingly (not tighten yet). Ensure the middle handed Phillips screw is tighten and then tighten two lever hex screws with hex wrench.



(RHR)

Step 3. below is when applied with RIM.

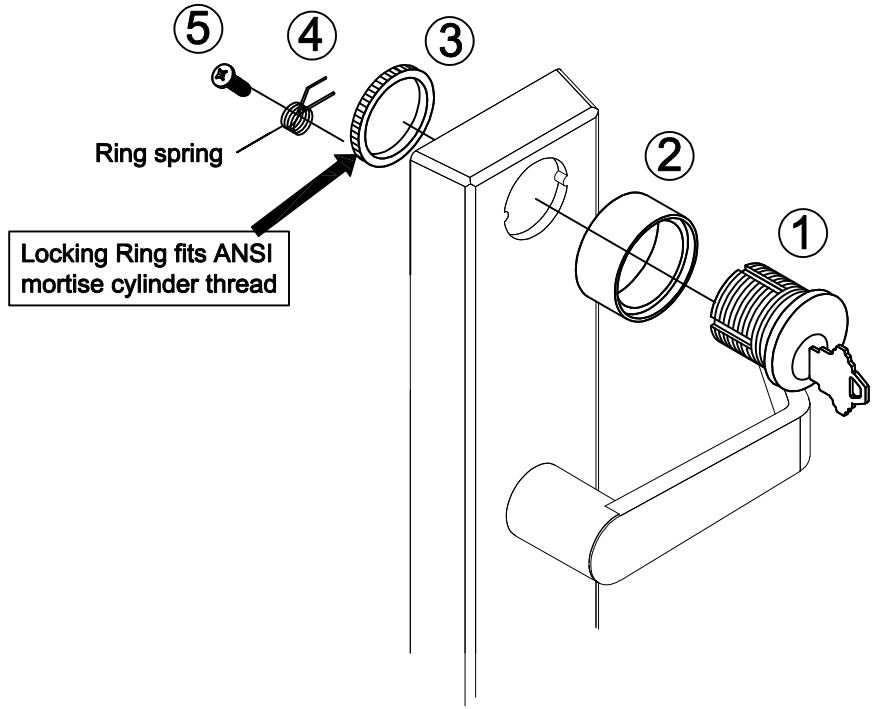
Install (2) thru-bolts. Insert spindle base on door thickness and fix set screw.
※ Suitable for door thickness 1 ¾" ~ 2 ⅜" (45~60mm)



※After setting, please ensure the (2) lever handing screws are tighten to avoid lever operating problems.

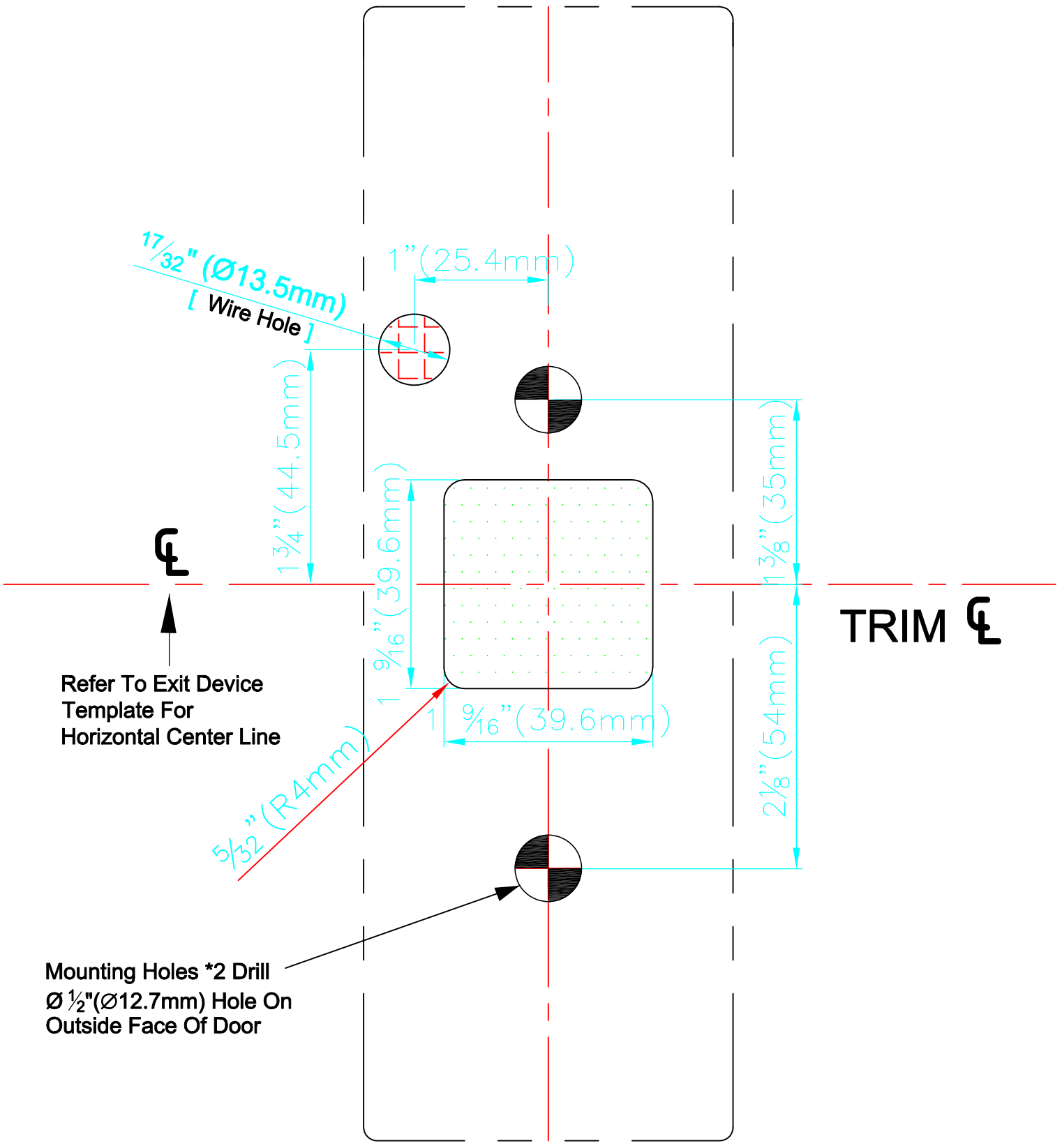
(RHR)

Cylinder installation:
(follow ①⇨②⇨③⇨④⇨⑤)
※ Standard collar height fits
1 ¼"~1 ⅜" mortise cylinder.



DURABLE COLLECTION

TEMPLATE (1:1)
DT109M FSE 12V EURO, DT109M FSE 12V ANSI OR DT109M FSE 24V ANSI



OUTSIDE FACE OF DOOR