SIZE 1-4 ADJUSTABLE BACKCHECK CLOSER

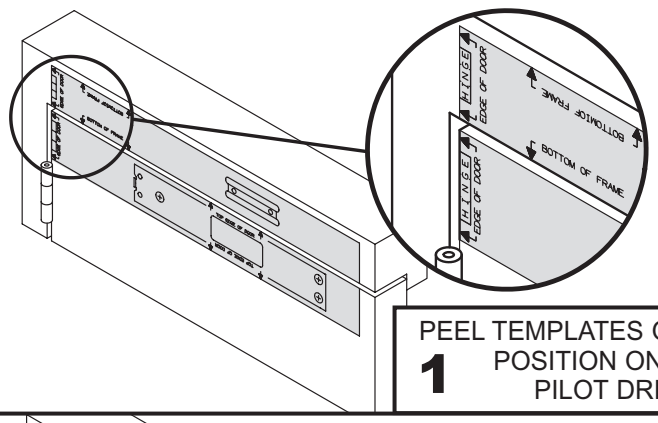
WARNING
DOOR CLOSER POWER #1 & 2 AND THOSE SUPPLIED WITH MECHANICAL HOLD OPEN DEVICES MUST NOT BE INSTALLED ON FIRE / SMOKE DOORS.

2110/103/00
ISSUE A

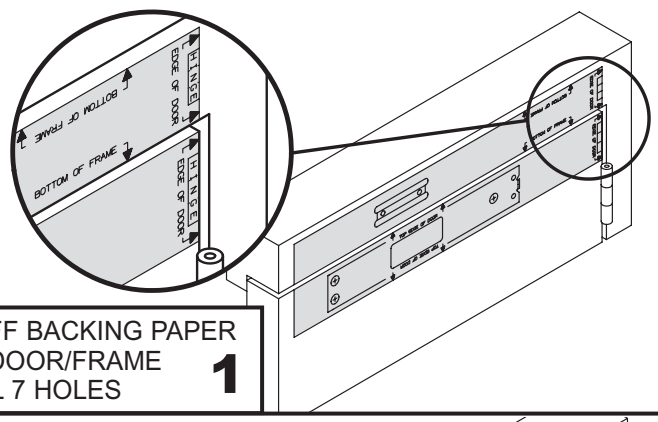
PULL SIDE - REGULAR APPLICATION (FIG. 1)

ANGLE OF OPENING 180° SUBJECT TO HINGE & SURROUNDING STRUCTURE

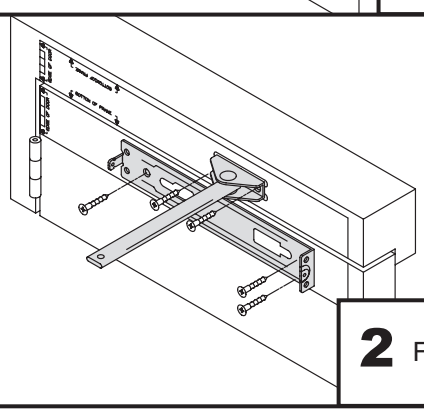
R.H. DOOR

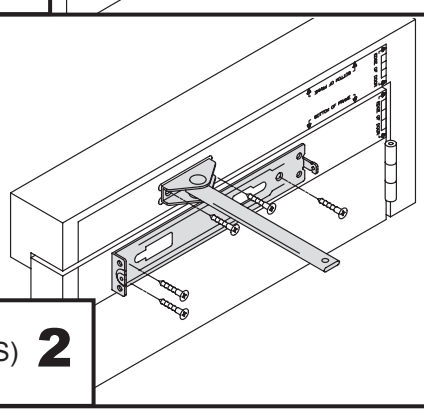


L.H. DOOR

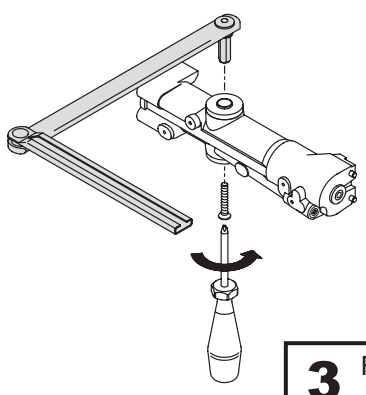


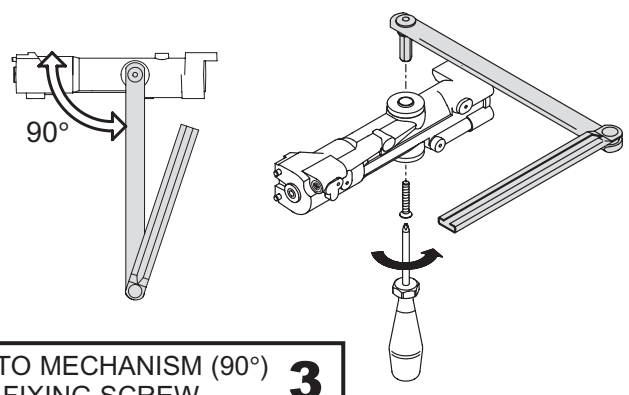
1 PEEL TEMPLATES OFF BACKING PAPER
POSITION ON DOOR/FRAME
PILOT DRILL 7 HOLES **1**



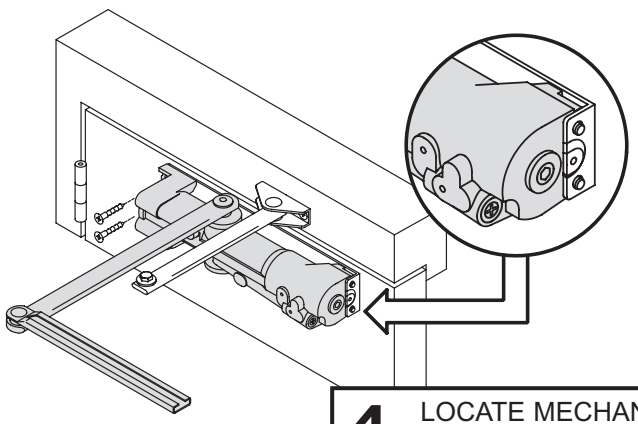


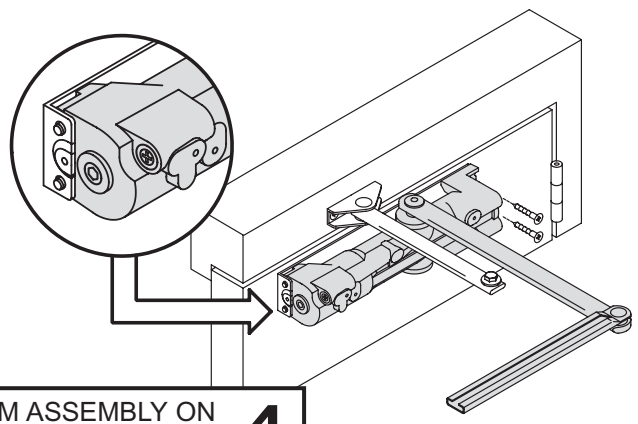
2 FIT BACKPLATE (3 SCREWS)
FIT BRACKET ASSEMBLY (2 SCREWS) **2**
PEEL OFF TEMPLATES



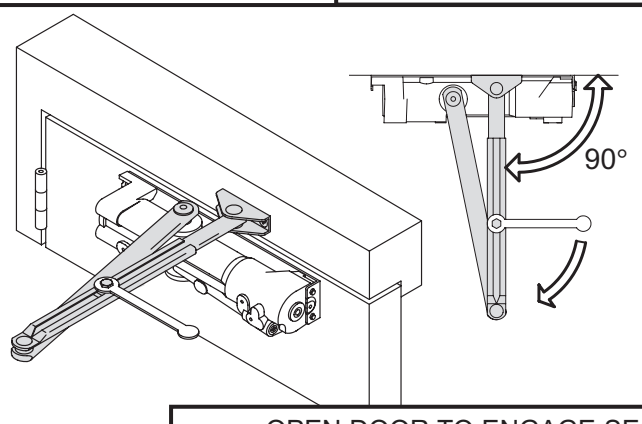


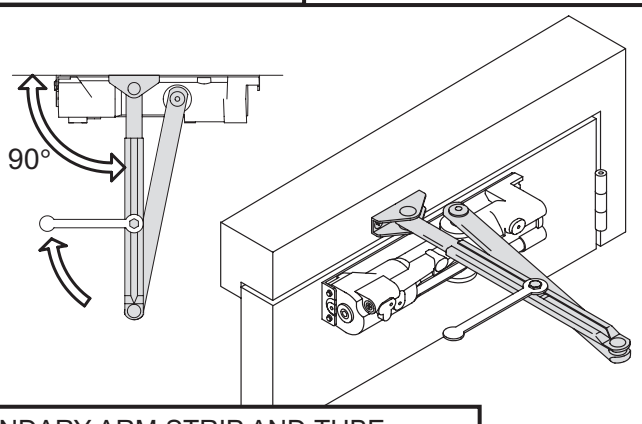
3 FIT MAIN ARM ASSEMBLY TO MECHANISM (90°)
SECURELY TIGHTEN FIXING SCREW **3**



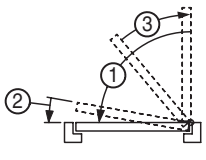


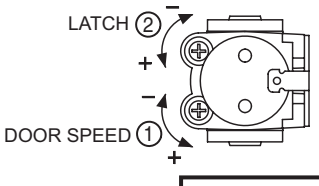
4 LOCATE MECHANISM ASSEMBLY ON
BACKPLATE AND SECURE (2 SCREWS) **4**

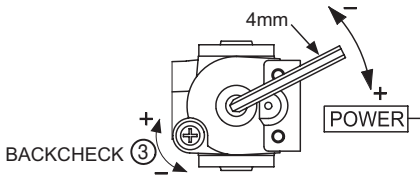




5 OPEN DOOR TO ENGAGE SECONDARY ARM STRIP AND TUBE
CLOSE DOOR AND SET SECONDARY ARM AT 90° TO DOOR FACE
SECURELY TIGHTEN CLAMP BOLT WITH SPANNER **5**



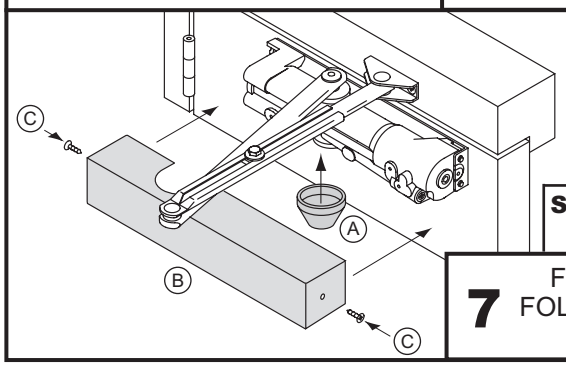


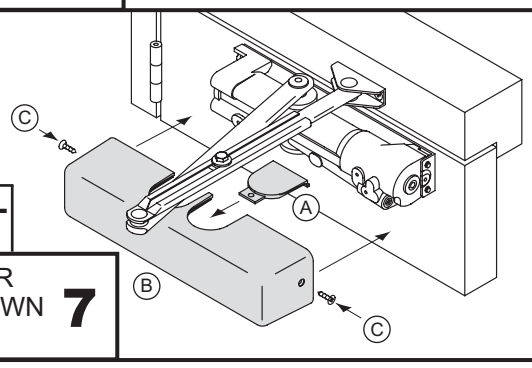


6 IF NECESSARY ADJUST
POWER AND DOOR SPEEDS **6**

POWER (FIG.1)
FACTORY SET TO SIZE 3

CLOSER POWER SIZE	NUMBER OF TURNS (APPROX)
1	-6
2	-3
3	0
4	+5





STANDARD COVER | **OPTIONAL COVERS**

7 FIT COVER TO CLOSER
FOLLOWING STEPS SHOWN
(2 SCREWS) **7**

CLOSER POWER / DOOR SIZE

#1 20kg ◀ 750 MAX ▶

#2 40kg ◀ 850 MAX ▶

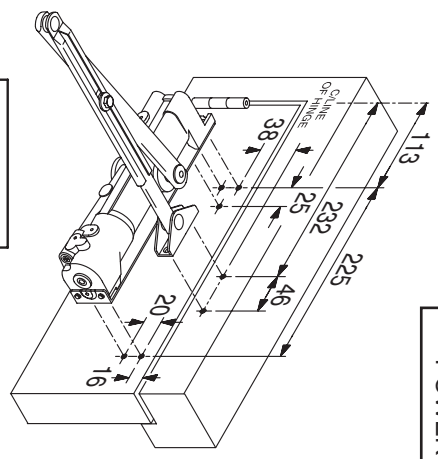
#3 60kg ◀ 950 MAX ▶

#4 80kg ◀ 1100 MAX ▶

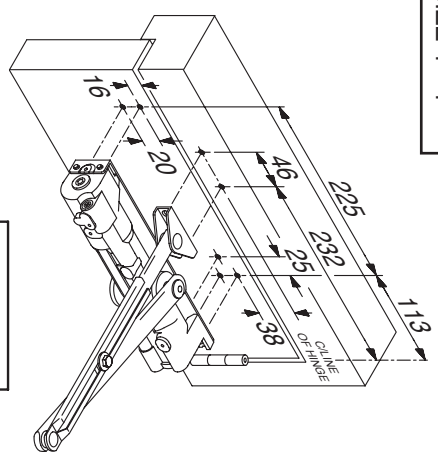
REGULAR FIXING (FIG.1)

POWER SIZE 1 - 4

R. H. door



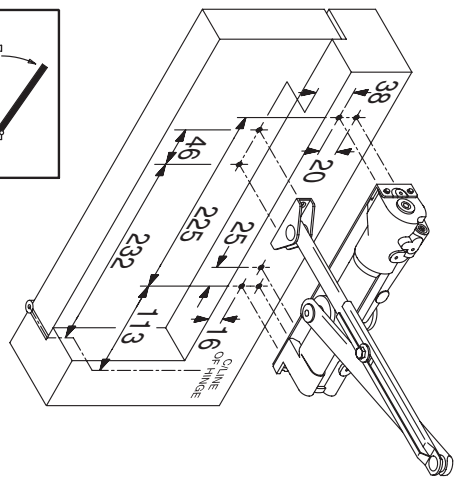
L. H. door



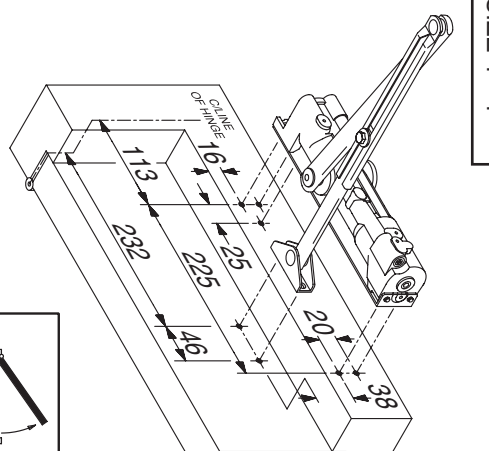
TRANSOM FIXING (FIG.61)

POWER SIZE 1 - 4

R. H. door



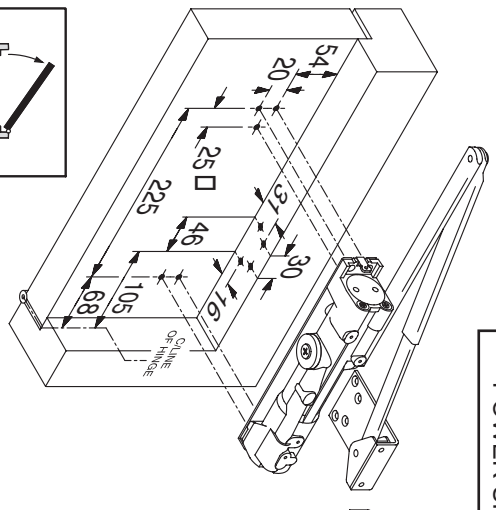
L. H. door



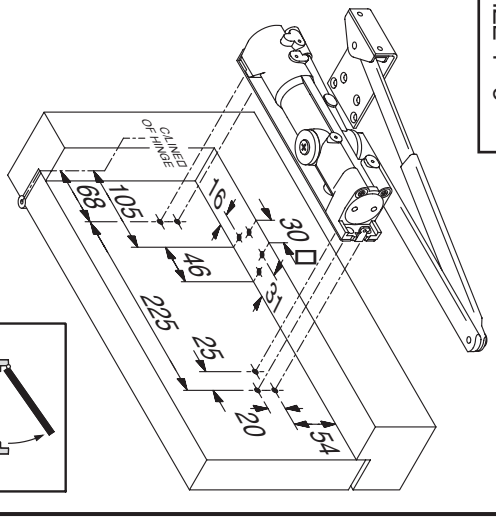
PARALLEL ARM FIXING (FIG.66)

POWER SIZE 1 - 3

R. H. door



L. H. door



FOR **TRANSOM** AND **PARALLEL ARM** INSTALLATION PROCEDURE SEE OVERLEAF

MAINTENANCE (Quarterly)

Check that the door closer closes the door correctly and fixing screws are tight.
Periodically apply light oil to arm knuckle joints and door hinges.

NOTE - all dimensions are in millimetres

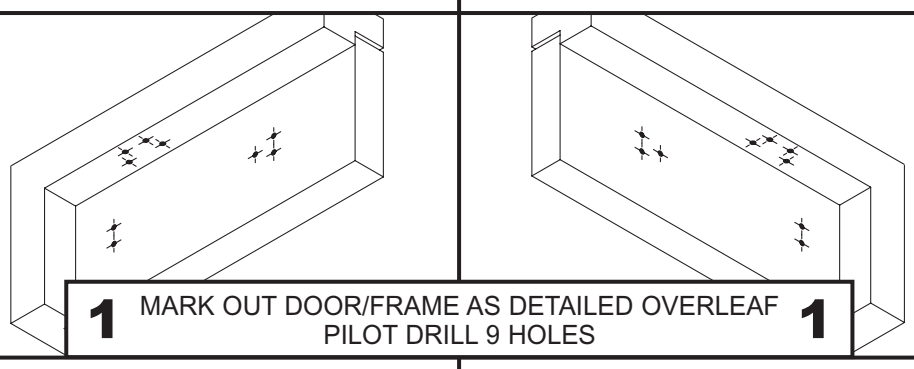
Ingersoll Rand
Security Technologies

PUSH SIDE - PARALLEL ARM APPLICATION (FIG.66)

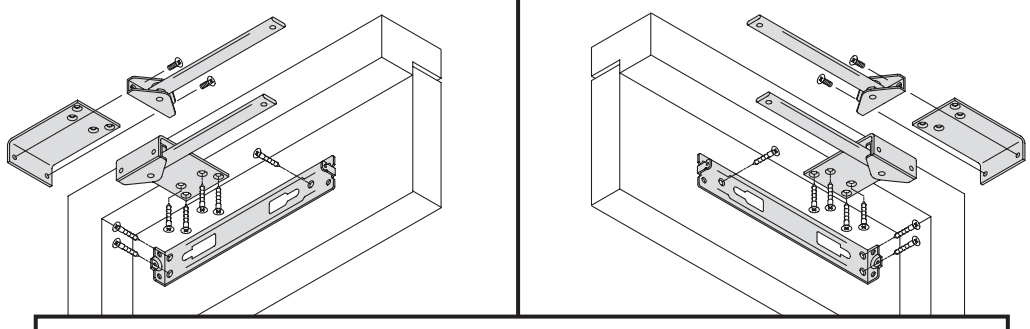
ANGLE OF OPENING 180° SUBJECT TO HINGE & SURROUNDING STRUCTURE

L.H. DOOR

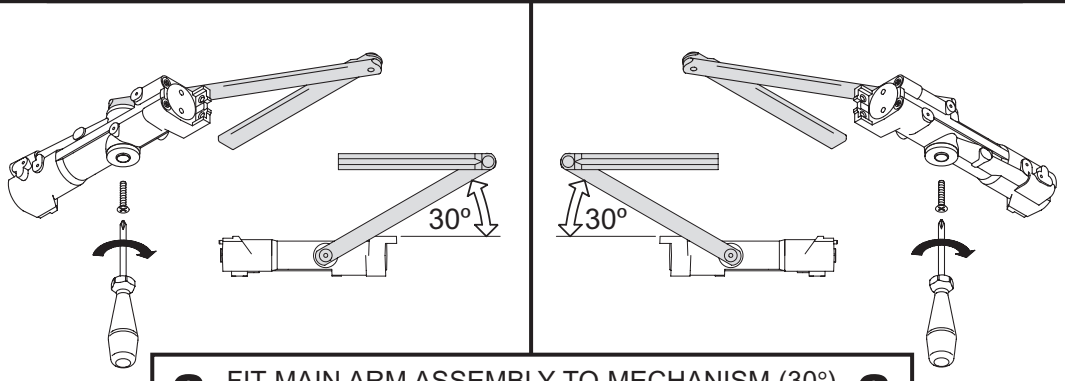
R.H. DOOR



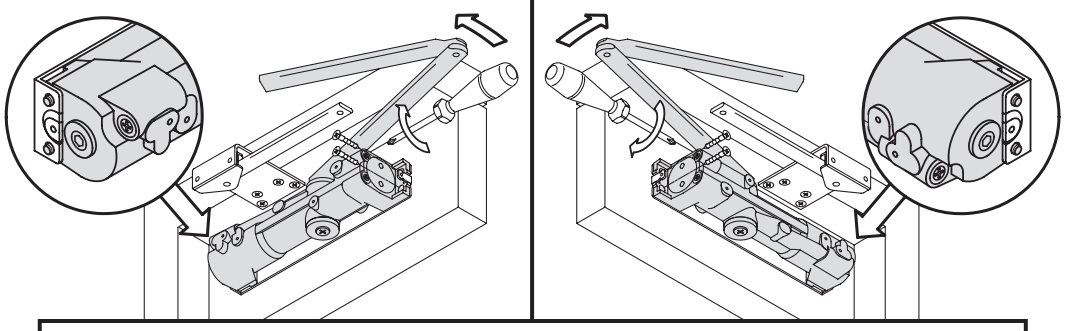
1 MARK OUT DOOR/FRAME AS DETAILED OVERLEAF
PILOT DRILL 9 HOLES **1**



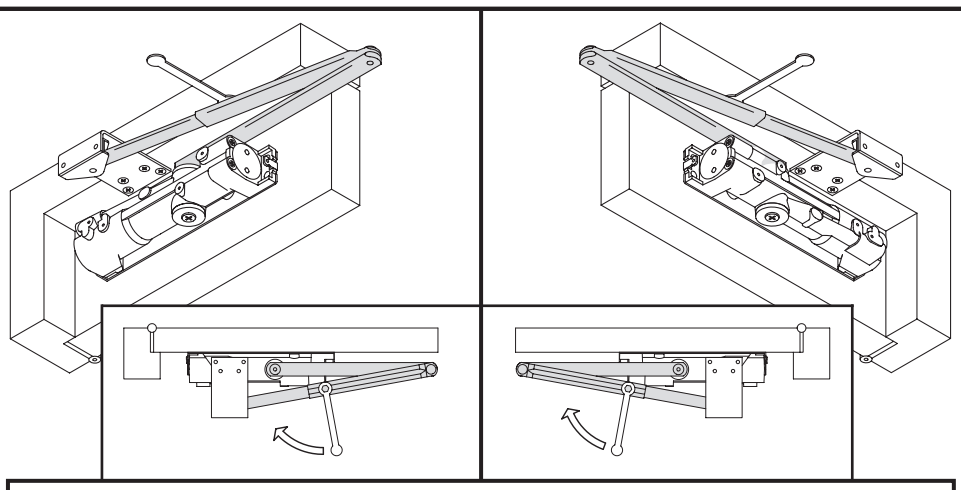
2 FIT BACKPLATE (3 SCREWS)
FIT ARM BRACKET ASSEMBLY TO FIG.66 BRACKET (2 SCREWS)
FIT BRACKET ASSEMBLY TO FRAME (4 SCREWS) **2**



3 FIT MAIN ARM ASSEMBLY TO MECHANISM (30°)
SECURELY TIGHTEN FIXING SCREW **3**

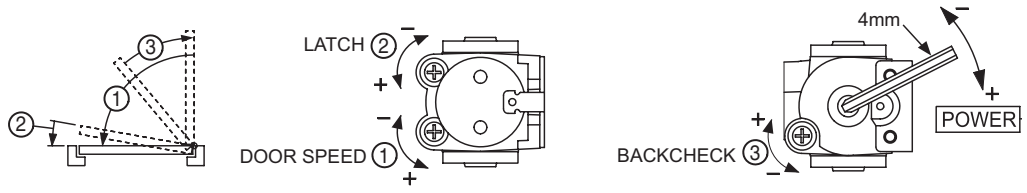


4 FULLY CLOSE DOOR SPEED AND LATCH REGULATORS
PULL MAIN ARM FORWARD, LOCATE MECHANSIM ASSEMBLY ON BACKPLATE AND SECURE (2 SCREWS) **4**

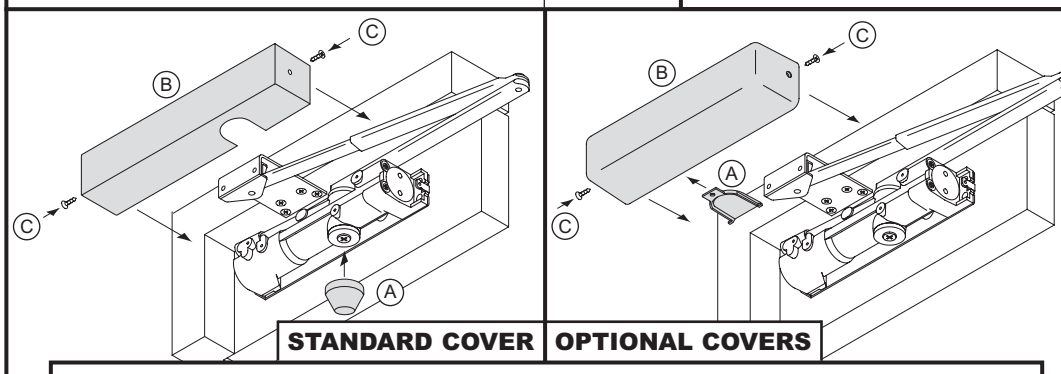


5 OPEN DOOR TO ENGAGE SECONDARY ARM STRIP AND TUBE
CLOSE DOOR AND SET MAIN ARM PARALLEL TO DOOR FACE
SECURELY TIGHTEN CLAMP BOLT WITH SPANNER **5**

POWER (FIG.66)	
FACTORY SET TO SIZE 3	
CLOSER POWER SIZE	NUMBER OF TURNS (APPROX)
1	-6
2	-3
3	0
3+	+5



6 IF NECESSARY ADJUST POWER AND DOOR SPEEDS **6**



STANDARD COVER **OPTIONAL COVERS**

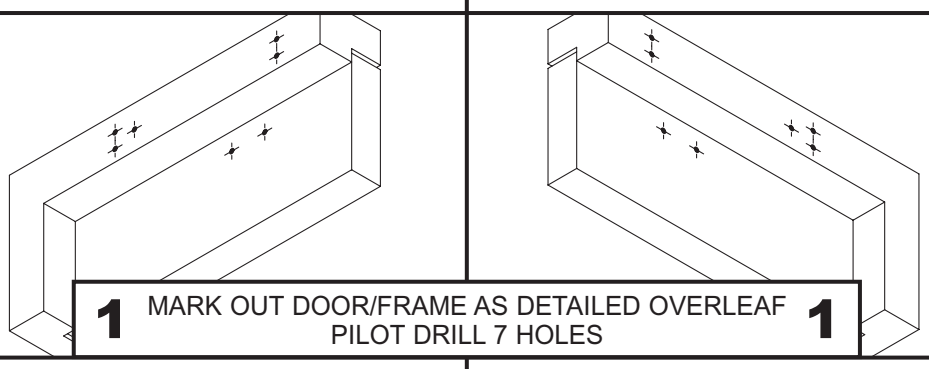
7 FIT COVER TO CLOSER FOLLOWING STEPS SHOWN (2 SCREWS) **7**

PUSH SIDE TRANSOM APPLICATION (FIG.61)

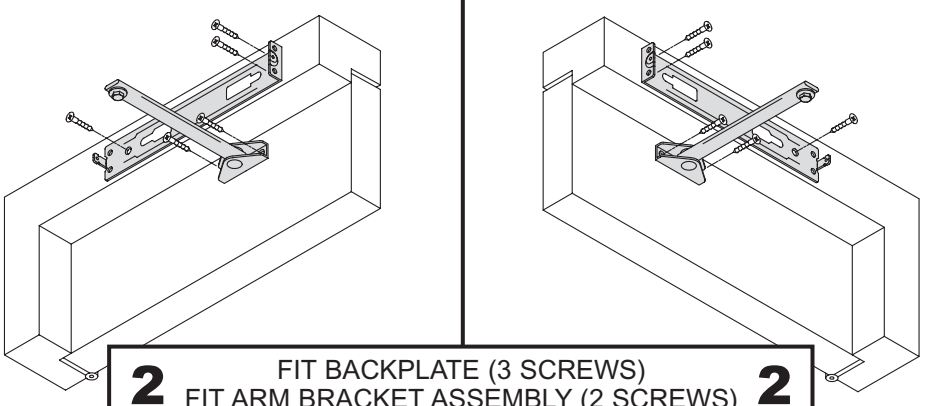
ANGLE OF OPENING 180° SUBJECT TO HINGE & SURROUNDING STRUCTURE

L.H. DOOR

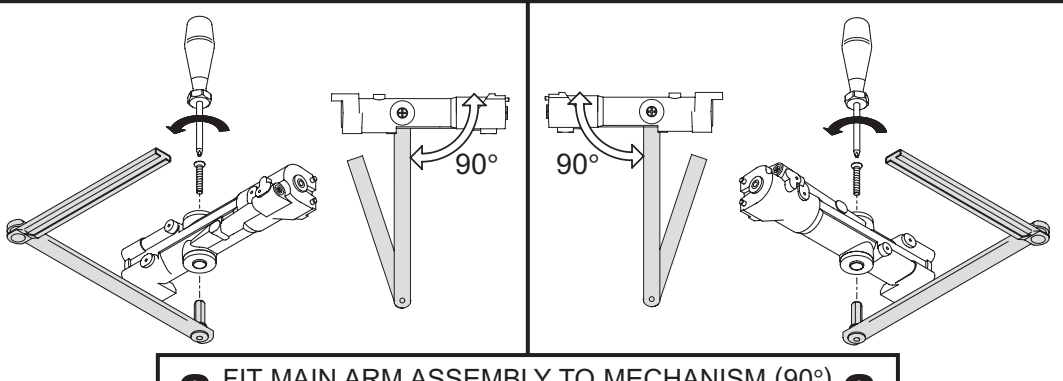
R.H. DOOR



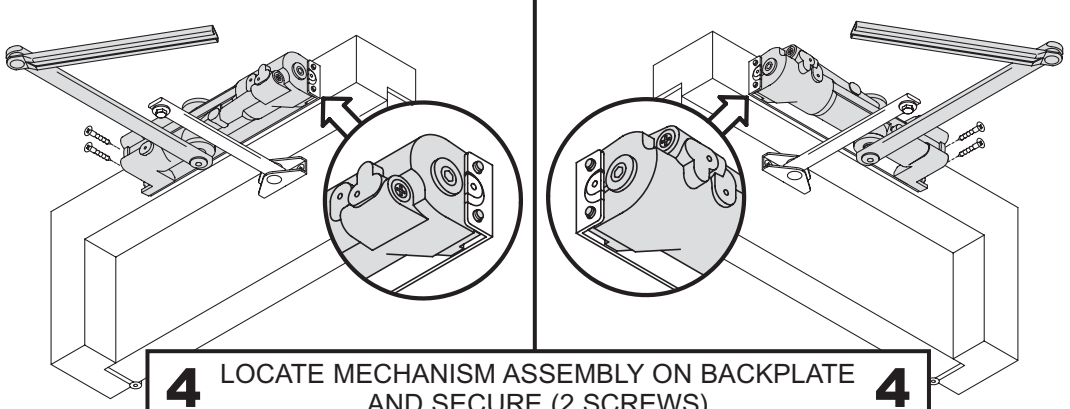
1 MARK OUT DOOR/FRAME AS DETAILED OVERLEAF
PILOT DRILL 7 HOLES **1**



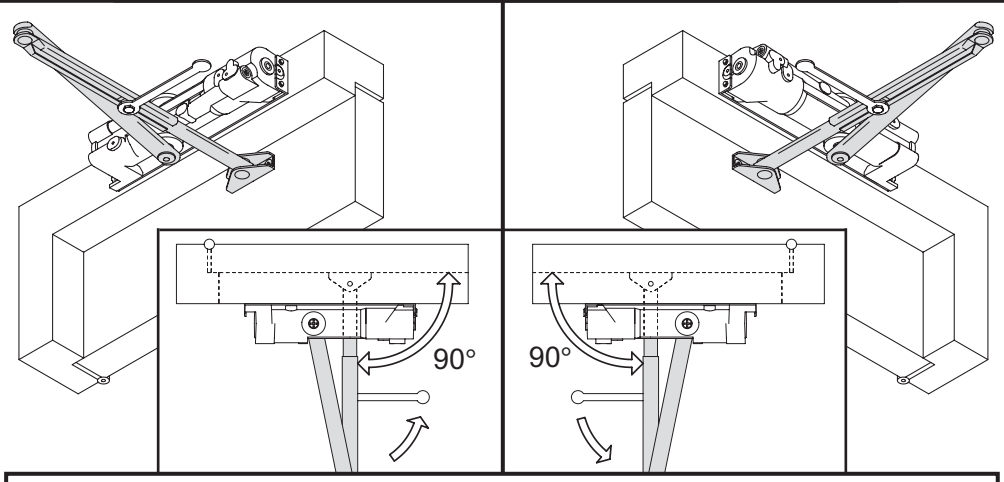
2 FIT BACKPLATE (3 SCREWS)
FIT ARM BRACKET ASSEMBLY (2 SCREWS) **2**



3 FIT MAIN ARM ASSEMBLY TO MECHANISM (90°)
SECURELY TIGHTEN FIXING SCREW **3**

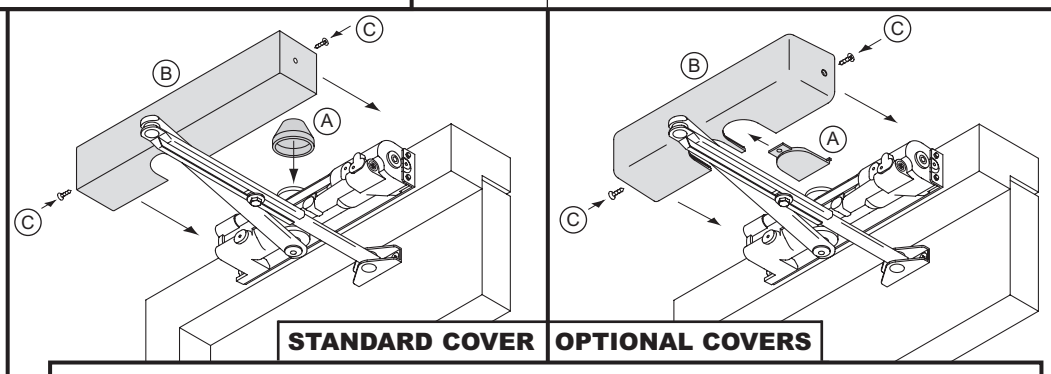


4 LOCATE MECHANISM ASSEMBLY ON BACKPLATE
AND SECURE (2 SCREWS) **4**



5 OPEN DOOR TO ENGAGE SECONDARY ARM STRIP AND TUBE
CLOSE DOOR AND SET SECONDARY ARM AT 90° TO DOOR FACE
SECURELY TIGHTEN CLAMP BOLT WITH SPANNER **5**

POWER (FIG.61)	
FACTORY SET TO SIZE 3	
CLOSER POWER SIZE	NUMBER OF TURNS (APPROX)
1	-5
2	-3
3	0
4	+5



STANDARD COVER **OPTIONAL COVERS**

7 FIT COVER TO CLOSER FOLLOWING STEPS SHOWN (2 SCREWS) **7**