

INSTALLATION PREPARATION GUIDELINES

- 1.COMPONENT INVENTORY CHECK
- INSPECT THE PACKAGE CONTENTS TO VERIFY ALL PARTS ARE PRESENT AND UNDAMAGED.
- 2.DOOR FRAME MEASUREMENT VERIFICATION
- MEASURE THE INTERIOR DIMENSIONS OF THE DOOR FRAME.
- ENSURE THEY MATCH THE SWINGING DOOR SPECIFICATIONS OUTLINED IN THE ORDER CONTRACT.
- 3.STRUCTURAL INTEGRITY INSPECTION
- CONFIRM THE DOOR FRAME IS:
- \* PERFECTLY SQUARE (90° ANGLES AT ALL CORNERS)

\* PLUMB (VERTICALLY ALIGNED)

\* SECURELY ANCHORED TO THE STRUCTURE
- SURFACE JOINTS MUST SHOW NO VISIBLE GAPS OR INSTABILITY.
- 4.MINIMUM FRAME REQUIREMENTS
- FRAME MUST MEET:
- \* MINIMUM DOUBLE 2x4 INCH WOOD CONSTRUCTION OR EQUIVALENT.

\* HOLLOW METAL JAMBS SHOULD BE REINFORCED AT HINGE LOCATIONS.

CRITICAL NOTE:

PROPER OPERATION REQUIRES PLUMB INSTALLATION. DEVIATIONS WILL VOID WARRANTY AND IMPAIR FUNCTIONALITY.IMMEDIATE ACTION REQUIRED FOR:

MISSING/DAMAGED COMPONENTS

FRAME DIMENSION MISMATCHES

STRUCTURAL NON-COMPLIANCE

CONTACT: [WWW.TDKDOORS.COM](http://WWW.TDKDOORS.COM)

- DRILL BIT SIZES:
- \* FOR M6 SCREWS.

USE 5mm DRILL BIT.
- \* FOR ANCHOR BOLTS (OPTIONAL/IF APPLICABLE).

USE 12mm MASONRY DRILL BIT (FOR CONCRETE).

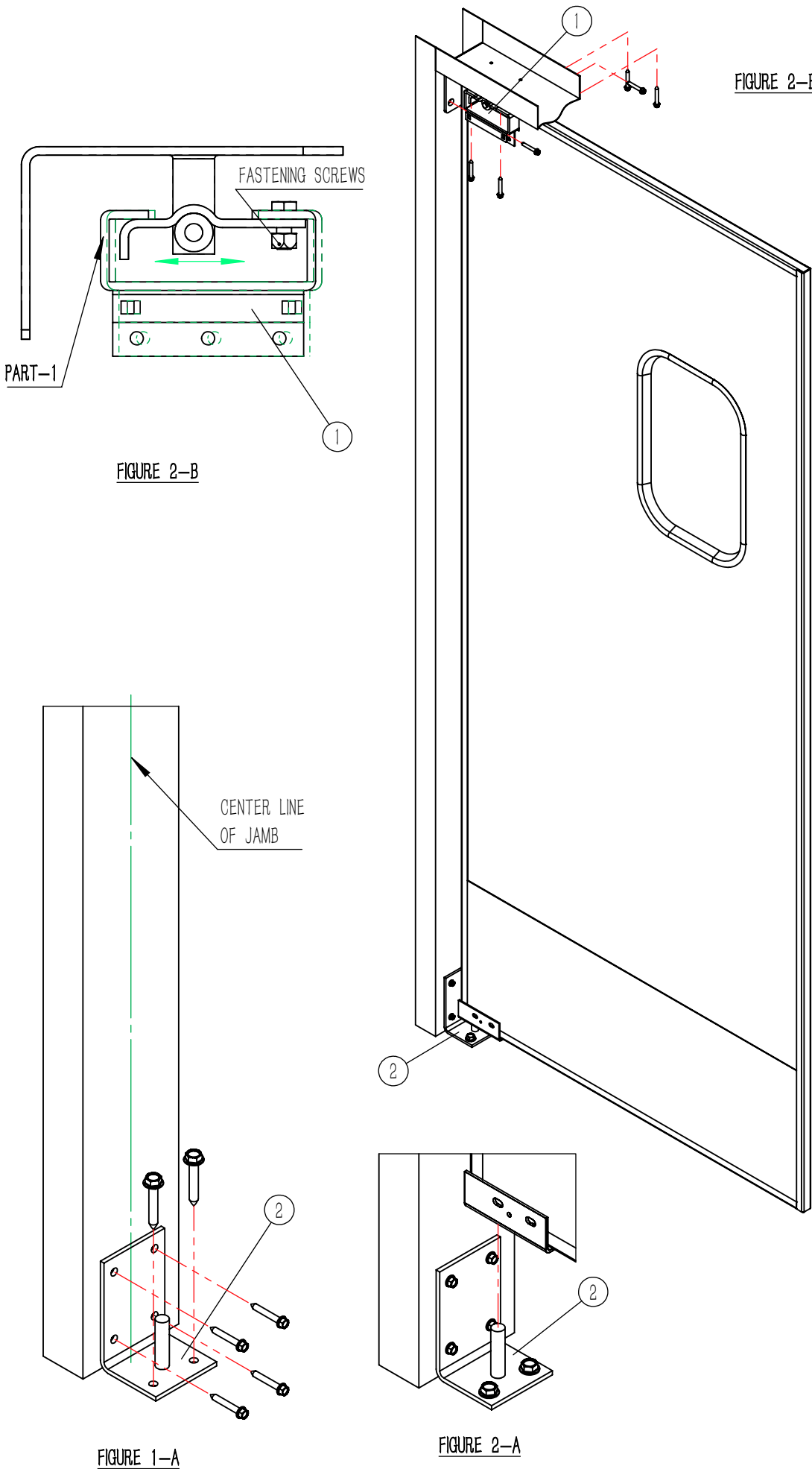
- FASTENER APPLICATION SPECIFICATIONS
- \* COMPONENT ① (QTY: 6)

USE M6\*38mm HEX HEAD SELF-TAPPING SCREW WITH DRILL POINT
- \* COMPONENT ② (QTY: 4)

USE M6\*38mm HEX HEAD SELF-TAPPING SCREW WITH DRILL POINT
- \* COMPONENT ② FLOOR ANCHORS (QTY: 2)

USE M8\*80mm EXPANSION BOLT
- \* COMPONENT ③ (QTY: 2)

USE M4\*20mm HEX HEAD SELF-TAPPING SCREW



STEP 1: INSTALL LOWER HINGES

- 1-1.LOCATE CENTERLINE & POSITION LOWER HINGE (COMPONENT ②)
- \* IDENTIFY THE VERTICAL CENTERLINE OF THE DOOR FRAME.

\* ALIGN THE LOWER HINGE WITH THE BOTTOM RIGHT-ANGLE CORNER OF THE FRAME.

\* MARK 4 HOLE LOCATIONS USING A PENCIL (SEE FIGURE 1-A).
- 1-2.DRILL PILOT HOLES
- \* USE AN APPROPRIATELY SIZED DRILL BIT TO CREATE HOLES AT ALL MARKED POSITIONS.
- 1-3.ATTACH LOWER HINGE (COMPONENT ②)
- \* SECURE THE LOWER HINGE TO THE BOTTOM RIGHT-ANGLE CORNER OF THE DOOR FRAME USING SCREWS.

\* INSTALL ALL SCREWS INTO ALIGNED HOLES. FULLY TIGHTEN ALL FASTENERS USING A HEX WRENCH OR IMPACT DRIVER.
- PRO TIP:
- FOR OPTIMAL PLUMB INSTALLATION OF SWINGING DOORS, UTILIZE A LASER LEVEL TO VERIFY VERTICAL ALIGNMENT DURING MARKING AND DRILLING.

STEP 2: INSTALL UPPER HINGES

- 2-1.POSITION UPPER HINGE (COMPONENT ①)
- \* MOUNT THE DOOR LEAF ONTO THE LOWER HINGE POST (SEE FIGURE 2-A) AND ALIGN THE UPPER HINGE WITH THE TOP RIGHT-ANGLE CORNER OF THE FRAME (SEE FIGURE 2-B).

\* MARK 6 HOLE LOCATIONS USING A PENCIL, USE AN APPROPRIATELY SIZED DRILL BIT TO CREATE HOLES AT ALL MARKED POSITIONS.

\* INSTALL ALL SCREWS INTO ALIGNED HOLES. FULLY TIGHTEN ALL FASTENERS USING A HEX WRENCH OR IMPACT DRIVER.

\* IF DRILLING AND BOLTING THE TOP HINGE IS DIFFICULT, YOU CAN POSITION THE DOOR AT A 90-DEGREE OPEN POSITION AND THEN PERFORM THE DRILLING AND INSTALLATION (SEE FIGURE 2-C).
- 2-2.DEBUGGING
- \* LIGHTLY TEST THE DOOR PANEL BY OPENING AND CLOSING IT.IF THE DOOR PANEL DOES NOT RETURN TO POSITION, ADJUST THE E-HINGE FASTENING SCREWS APPROPRIATELY.

\* LOOSEN THE 2 FASTENING SCREWS AT THE TOP AND BOTTOM OF THE E-HINGE, BUT DO NOT LOOSEN THEM EXCESSIVELY (SEE FIGURE 2-B).

\* GENTLY ADJUST THE POSITION OF PART-1 WITH MODERATE FORCE.

\* ONCE THE DOOR PANEL ALIGNS WITH THE CENTERLINE OF THE DOOR FRAME, SECURELY TIGHTEN THE FASTENING SCREWS.

STEP 3: FINAL INSTALLATION

- 3-1.INSTALL THE HINGE COVER (COMPONENT ③)
- \*USE M4\*20mm SCREWS TO FIX THE COVER ON THE OUTSIDE OF THE UPPER HINGE (SEE FIGURE 3-A).

