

**RIGID FIRE PROTECTION ENCLOSURE**

**ASSEMBLY INSTRUCTIONS**



### 1.0 Overview

Assembly of a Rotork Fluid System Rigid Fire Protection Enclosure is simple and intuitive, requiring only the use of simple hand tools. The enclosure consists of either seven or eleven panels depending upon the size of the actuator. They are assembled using the M8 screws, washers and cage nuts supplied with the panels. Hardware is also provided to mount the actuator to panel A (hardware varies with actuator). The diagrams below show the correct order of assembly.

### 2.0 Assembly

#### 2.1 Mount the actuator to panel A. (figure 1)

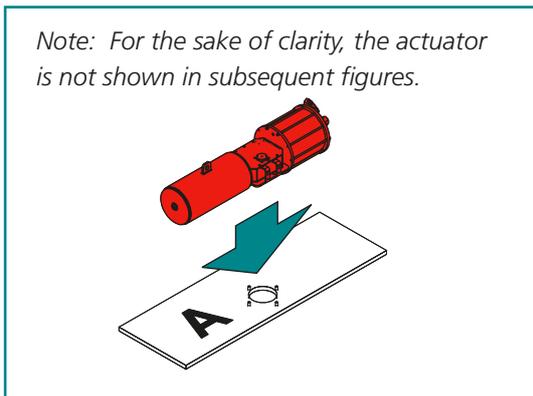


figure 1

#### 2.2 Assembly of an Eleven Panel Box (Refer to Section 2.3 for seven panel box assembly.)

##### 2.2.1 Mount panel A1 to panel A. (figure 2)

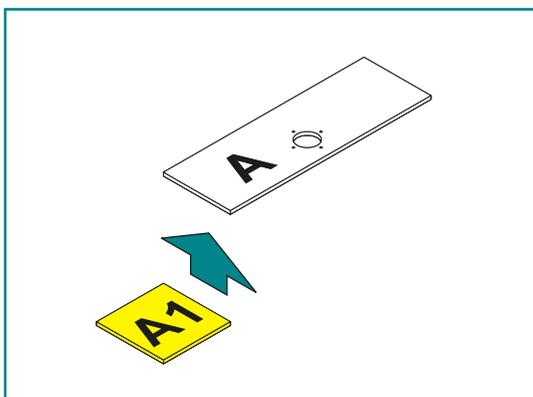


figure 2

##### 2.2.2 Mount panel B to panels A and A1. (figure 3)

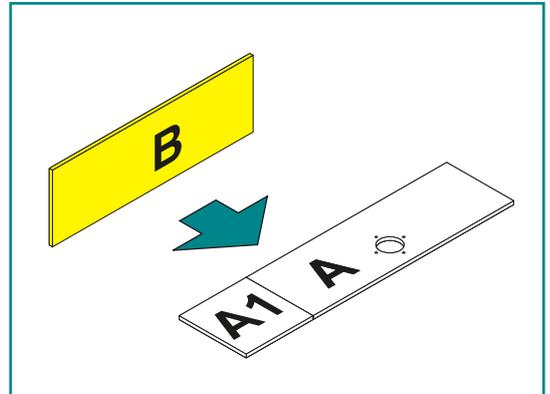


figure 3

##### 2.2.3 Mount panel B1 to panels A and B. (figure 4)

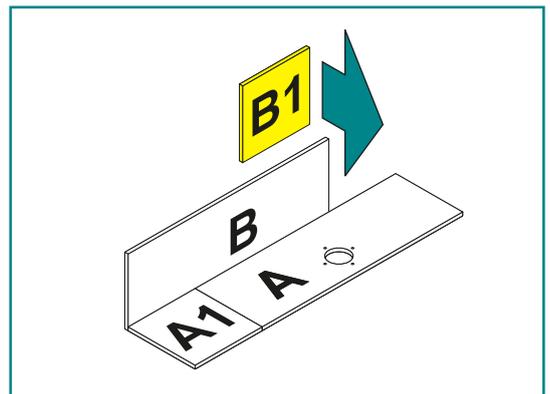


figure 4

##### 2.2.4 Mount panel C to panels A and A1. (figure 5)

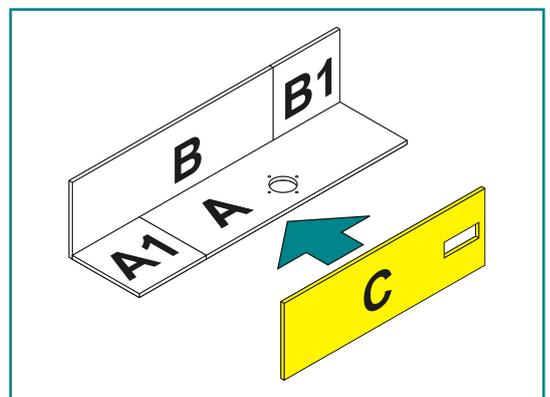


figure 5

2.2.5 Mount panel C1 to panels A and C. (figure 6)

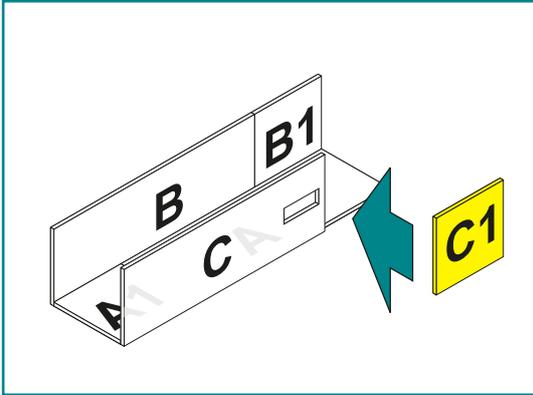


figure 6

2.2.8 Mount panel E to panels B1 and C1. (figure 9)

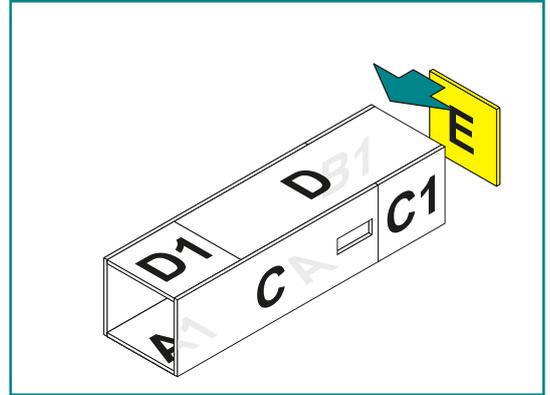


figure 9

2.2.6 Mount panel D to panels B, B1, C and C1 (figure 7)

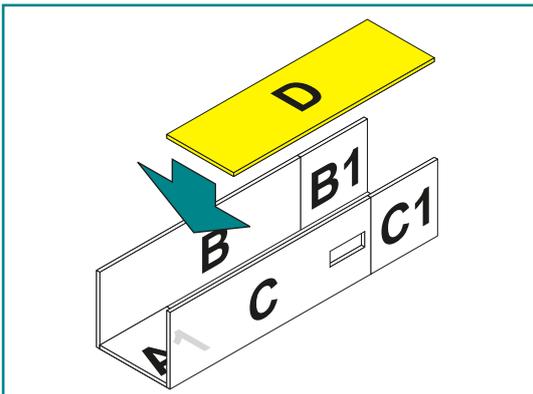


figure 7

2.2.9 Mount panel F to panels B and C. (figure 10)

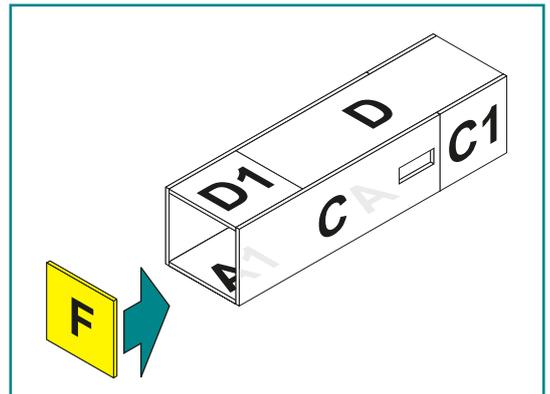


figure 10

2.2.7 Mount panel D1 to panels B and C. (figure 8)

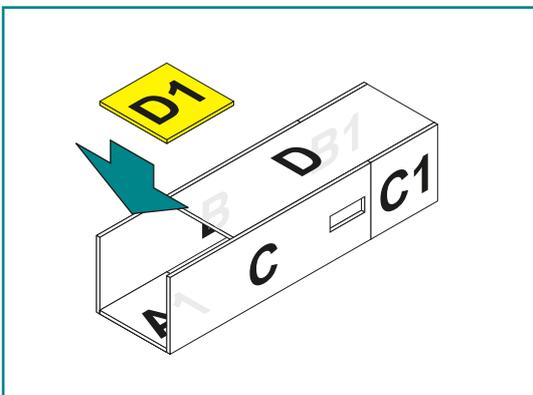


figure 8

2.2.10 Mount wicket gate G to panel C. (figure 11)

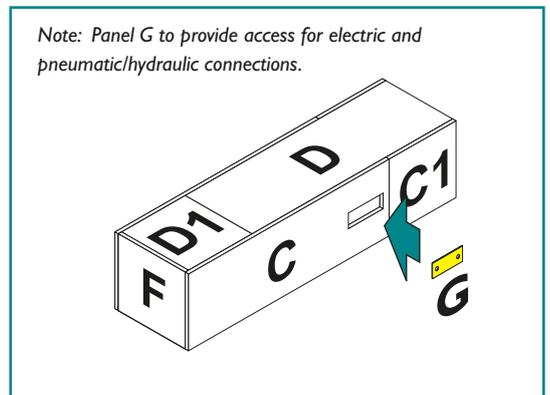


figure 11

*Note: Panel G to provide access for electric and pneumatic/hydraulic connections.*

### 2.3 Assembly - Seven Panel Box

#### 2.3.1 Mount panel B to panel A. (figure 12)

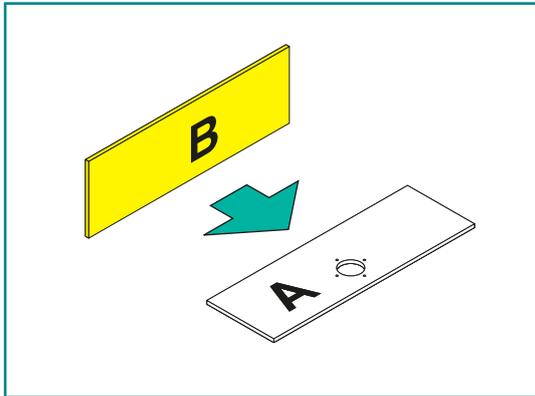


figure 12

#### 2.3.2 Mount panel C to panel A. (figure 13)

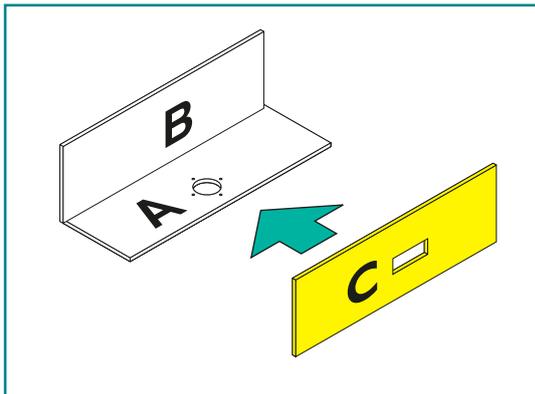


figure 13

#### 2.3.3 Mount panel D to panels B and C. (figure 14)

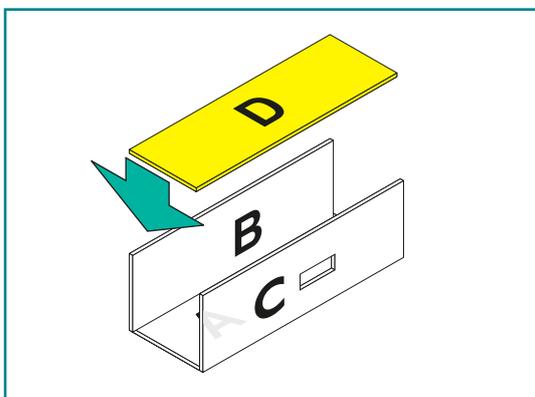


figure 14

#### 2.3.4 Mount panel E to panels B and C. (figure 15)

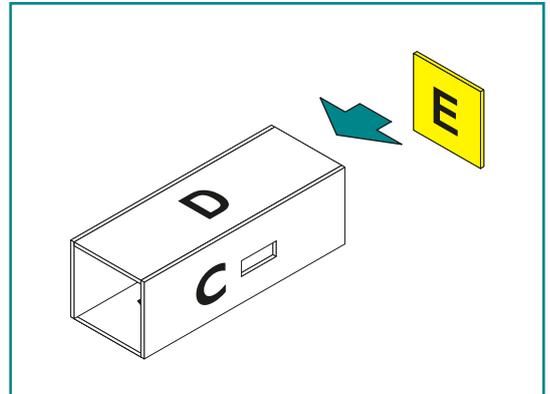


figure 15

#### 2.3.5 Mount panel F to panels B and C. (figure 16)

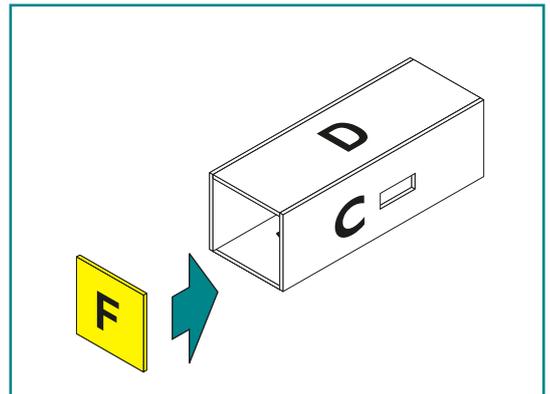


figure 16

#### 2.3.6 Mount wicket gate G to panel C. (figure 17)

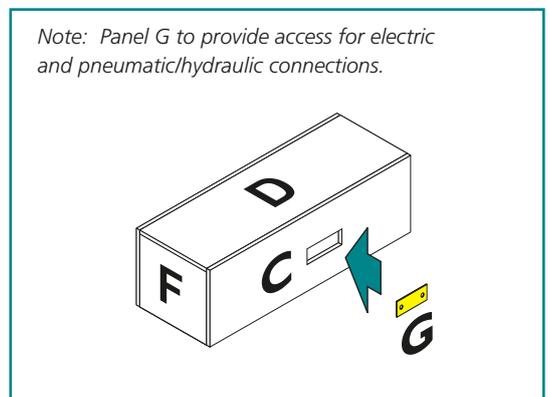


figure 17



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