

### **PURPOSE**

To provide instructions for installing extended exhaust on the TCS air hoist.

### **SCOPE**

Some hoist users do not want the TCS hoist exhaust to be expelled in the immediate environment. To accommodate this need it is possible to extend the TCS hoist exhaust to another area. The following procedure describes the method to extend the TCS exhaust.

### **EXHAUST EXTENSION INSTALLATION**

Refer to Figure 1 – TCS Exhaust Installation

#### **1. TCS Exhaust Disassembly**

- 1.1 Remove the exhaust plate, P/N TCS426230810.
- 1.2 Remove the Silencer (4 pcs.), P/N TCS137402023.

#### **2. TCS Exhaust Extension Assembly**

- 2.1 Install  $\frac{3}{4}$  inch male pipe (male  $\frac{3}{4}$  inch PT) into the hoist body. This pipe should be no more than 4 inches long.
- 2.2 Install  $\frac{3}{4}$  inch to 1 inch adapter onto the  $\frac{3}{4}$  inch male pipe.
- 2.3 Install a 1 inch pipe/hose into the  $\frac{3}{4}$  inch to 1 inch adapter. This pipe/hose should be a minimum diameter of 1 inch and no longer than 49 feet. *The larger the pipe/hose diameter the better the hoist will perform. Using a pipe/hose of less than 1 inch diameter will affect hoist performance. Using a pipe/hose longer than 49 feet will also affect hoist performance.*
- 2.4 Exhaust the pipe/hose to the area desired.

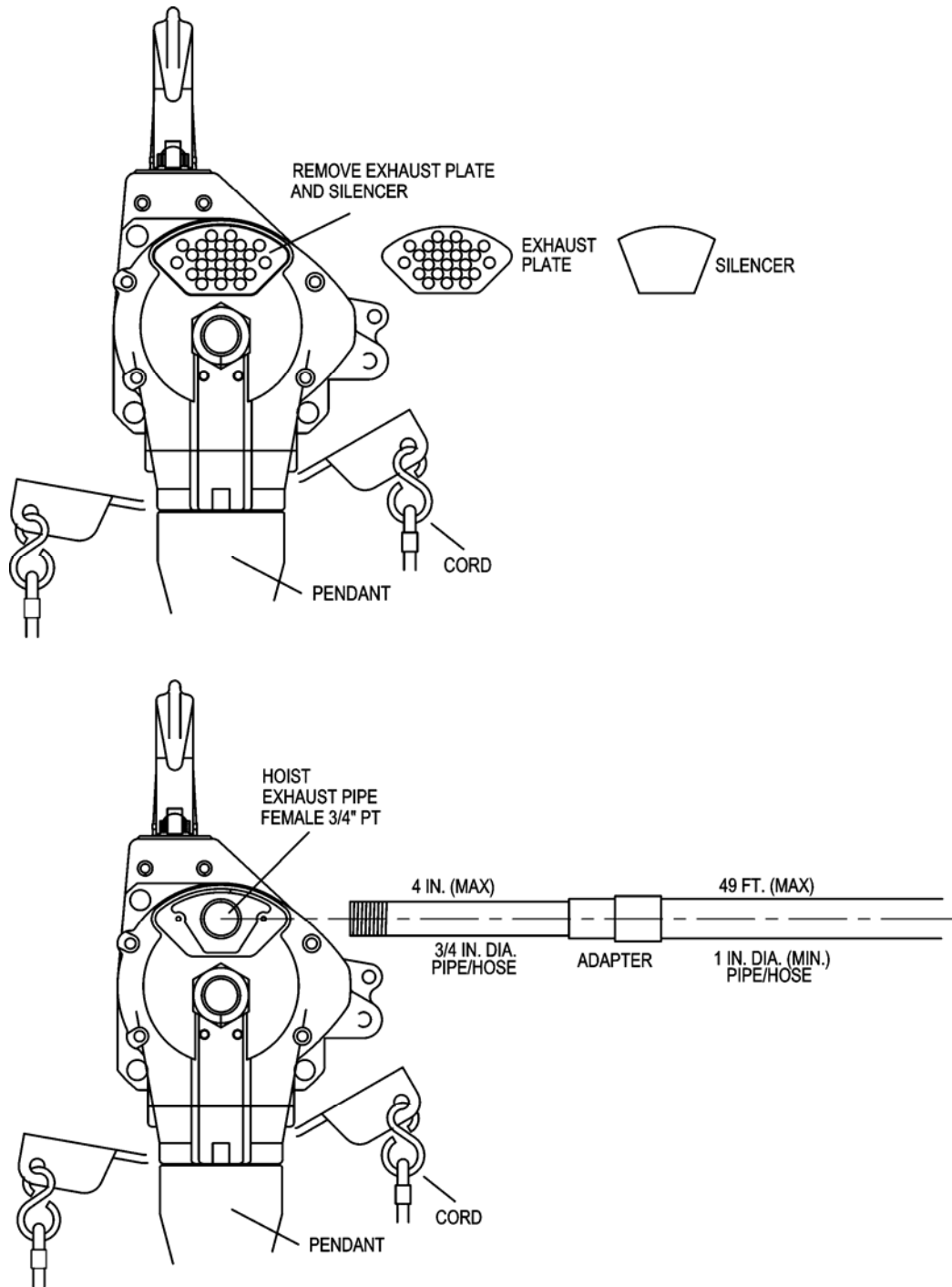


Figure 1 – TCS Exhaust Installation

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