

65401 & 65402 AIR MOTOR SECTION

FORM 5471

DESCRIPTION

The 4-1/4 adjustable stroke air motor has a stroke adjustment of 1 to 4 inches.

OPERATING HINTS

Various quantities may be produced with one adjustment of the pump and changing number of cycles, as long as the quantities are even multiples. However better results will be obtained when the multiples are as large as possible.

EXAMPLE:

| | | |
|---------------------|----|--------|
| Desired quantities: | A. | 1 qt. |
| | B. | 2 qt. |
| | C. | 3½ qt. |

Adjusting the motor to produce 1 qt. per cycle would obtain A & B, to obtain C the motor would have to be readjusted.

Adjusting the motor to produce 1/2 qt. would obtain A, B & C with 2 cycles, 4 cycles and 7 cycles respectively.

Adjusting the pump to produce 1/4 qt. would also obtain A, B and C but is not recommended.

These quantities are examples only and may or may not be obtainable with the model you have.

ADJUSTMENT PROCEDURE

CAUTION: Disconnect airline, do not adjust while motor is connected to air supply.

1. Remove 66267 tube ass'y.
2. Loosen 91770 extension rod approximately 1/4 turn.
3. Turn 91773 knob (hold 91770 extension rod).
 - a. Clockwise – increases.
 - b. Counter-clockwise – decreases.
4. Tighten 91770 extension rod.
5. Replace 66267 tube ass'y.

