

# 2400H Air Adjusted Coupling



OPERATION WITH  
OR WITHOUT AIR SER-  
VICE CHAMBER

Similar to our 2400, but with a different mounting pattern.  
All 2000 series couplings can be operated with or without  
an air service chamber.

## ORDERING INFORMATION

### Coupling Only:

- 2400H

### Standard Installation Kit:

- **2400HA:** 2400H Coupling, 508 Bolt Kit, 281 Air Chamber, 467 Air Chamber Adapter Bracket, 271 Thimble

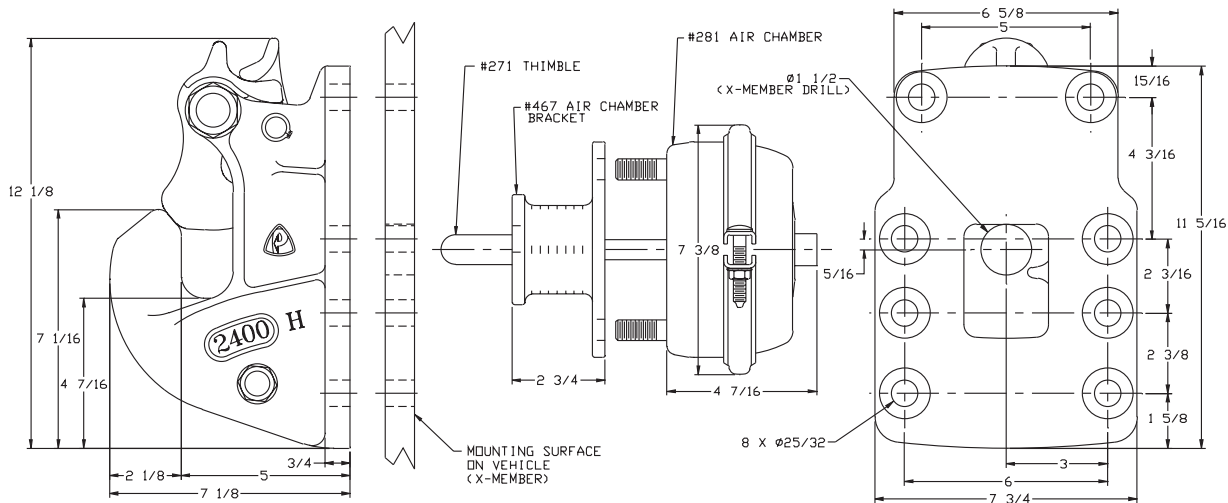
### Optional Accessories:

- **Air Chamber 282 Type-30 (page 76):** Provides a larger diaphragm for greater shoe force compared to 281 Air Chamber.
- **Air Chamber Brackets (page 76):** 467H (3/4 in. / 19 mm), 467F (5 1/2 in. / 140 mm)
- **Thimbles (page 76):** 271B (4 3/8 in. / 111 mm), 271C (5 1/2 in. / 140 mm)
- **Drawbar Guides 438 (page 75):** Helps guide drawbar eye into coupling.
- **Wear Gage 14014 (page 75):** To determine hook wear limits.
- **Latch Gage 14026 (page 75):** To determine latch gap limit.

## SPECIFICATIONS

<b>Maximum Gross Trailer Weight:</b>	100,000 lbs.	(45,359 kg)
<b>Maximum Tongue Weight:</b>	20,000 lbs.	(9,071 kg)
<b>Ultimate Latch Capacity:</b>	60,000 lbs.	(27,215 kg)
<b>Maximum Eye X-Section:</b>	1 13/16 in.	(46 mm)
<b>Minimum Eye Opening:</b>	2 3/8 in.	(60 mm)
<b>Unit Weight:</b>	37.3 lbs.	(16.9 kg)

## STANDARD INSTALLATION DRAWING

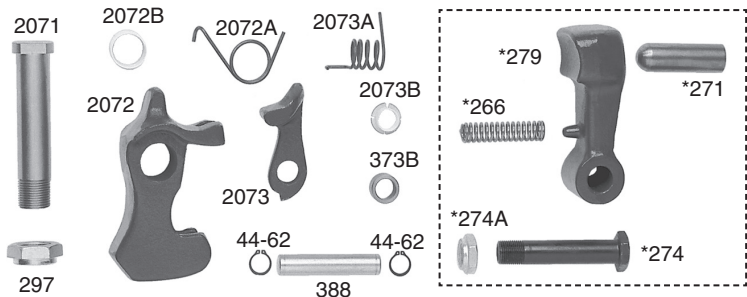


Pushrod length is 3 5/8 in. (92 mm) plus thickness of mounting structure for standard installations as illustrated.

## REPLACEMENT PART INFORMATION

### 2000PK Parts Kit Includes:

- |                      |                |
|----------------------|----------------|
| 44-62: Snap Ring (2) | 2073A: Spring  |
| 297: Locknut         | 2073B: Bushing |
| 373B: Spacer         | *266: Spring   |
| 388: Pin             | *271: Thimble  |
| 2071: Bolt           | *274: Bolt     |
| 2072: Latch          | *274A: Locknut |
| 2072A: Spring        | *279: Shoe     |
| 2072B: Bushing       |                |
| 2073: Latch Lock     |                |



\*Not included in parts kit, available individually.

## IMPORTANT GUIDELINES that apply to all Premier Air Adjusted Couplings

- Do not weld on any coupling assembly
- Always use Grade-8 fasteners properly torqued
- Do not apply lubricants to the coupling hook
- Air service chamber must be Type-24 or Type-30 with 90-120 PSI air supply
- Clean & inspect coupling for damage & excessive wear prior to each and every use
- Lubricate all coupling components at a minimum of 90 day intervals
- Do not bind-up (Jackknife) any application as stresses can cause damage to products or components, resulting in failure and detachment of the trailer while in use

