

2400H Slack Reducing Coupling



OPERATION WITH OR WITHOUT AIR SERVICE CHAMBER

NEW OPTION
EL
Extended Life

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 & 271 Thimble
- 2400HEL: 2400H w/Extended Life latch direct-inject latch lubrication ports

Standard Installation Kit:

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

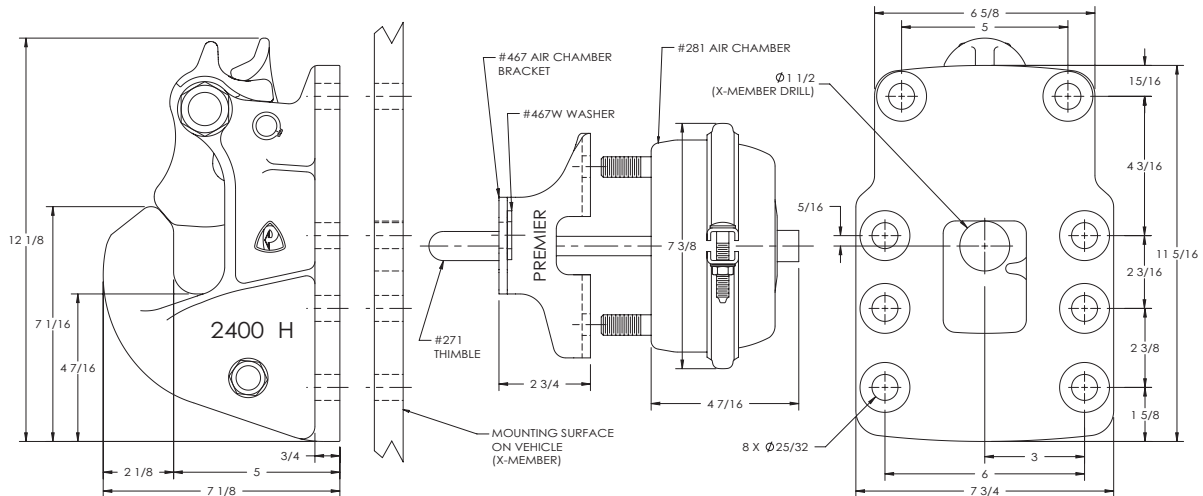
Optional Accessories:

- 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
- Bolt Kit 508 (page 77): Bolts (6) 2 1/2 in. (2) 2 3/4 in., Locknuts (8)

SPECIFICATIONS

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

STANDARD INSTALLATION DRAWING

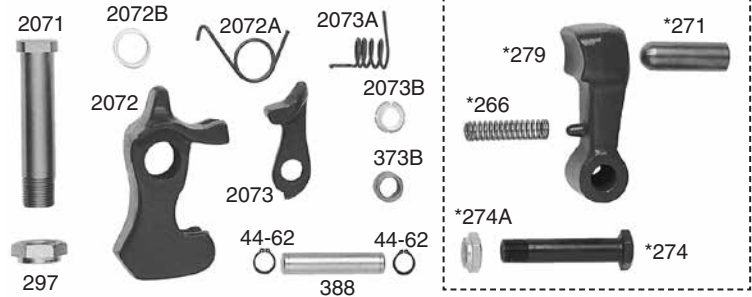


Pushrod length is 3 5/8 in. (92 mm) plus thickness of mounting structure for standard installations as illustrated.

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 2000PK Parts Kit, available as 279PK Parts Kit.

IMPORTANT GUIDELINES that apply to all Premier Slack Reducing 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

