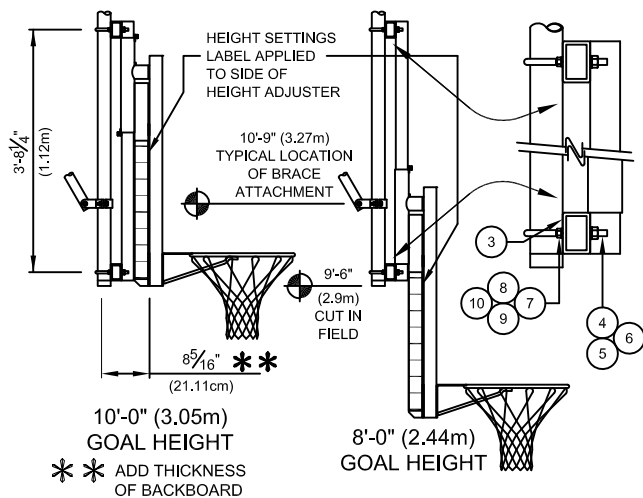


00604-506 - HEIGHT ADJUSTMENT SYSTEM

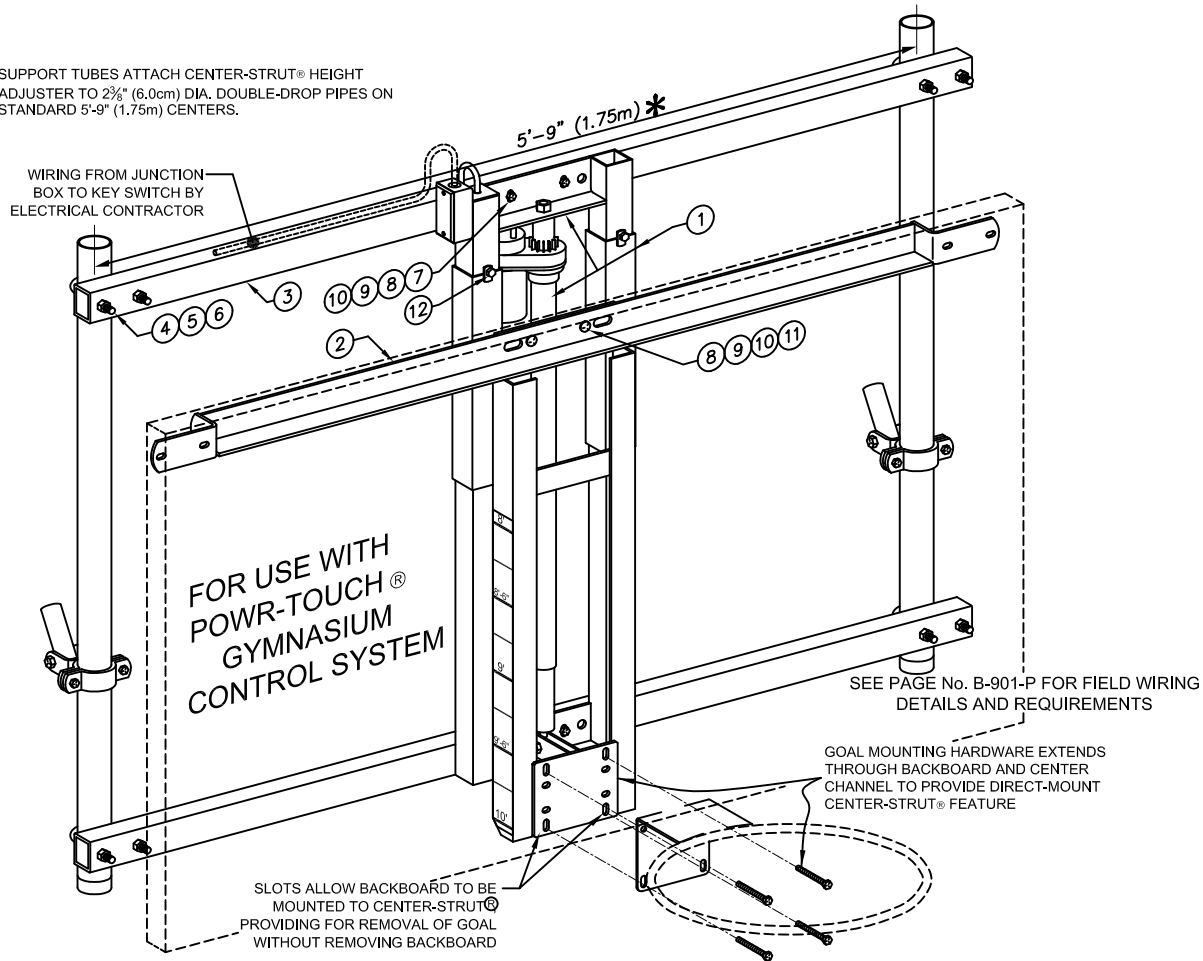
CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM FOR RECTANGULAR BACKBOARD - ELECTRIC OPERATION (POWR-TOUCH®)



| PARTS LIST | | | |
|------------|------|----------------|--|
| No. | QTY. | DESCRIPTION | |
| 1 | 1 | FRME 00213 002 | HEIGHT ADJUSTER ASSEMBLY |
| 2 | 1 | XEXT 91612 002 | RECTANGULAR BACKBOARD EXTENSION |
| 3 | 2 | TUBS 00190 | SPAN TUBE - 6'-4 1/2" Lg. |
| 4 | 4 | UBOT 00026 | U-BOLT |
| 5 | 8 | HDWE 04003 0E0 | 1/2" LOCKWASHER |
| 6 | 8 | HDWE 03003 0E0 | 1/2" HEX NUT |
| 7 | 4 | HDWE 01215 0E0 | 3/8" x 3/2" Lg. HEX HEAD CAP SCREW (Grade 5) |
| 8 | 10 | HDWE 05004 0E0 | 3/8" FLATWASHER |
| 9 | 6 | HDWE 04002 0E0 | 3/8" LOCKWASHER |
| 10 | 6 | HDWE 03002 0E0 | 3/8" HEX NUT |
| 11 | 2 | HDWE 02057 0E0 | 3/8" x 2 1/2" Lg. CARRIAGE BOLT (Grade 5) |
| 12 | 4 | HDWE 01134 000 | 3/8" x 1 1/2" Lg. NYLON BOLT |

- 00604-506 HEIGHT ADJUSTMENT
SYSTEM FOR No. 600 SERIES
BACKSTOP W/RECT. BACKBOARD
FOR USE W/POWR-TOUCH® SYSTEM
- See E-2555 — 12555-100 POWR-TOUCH®2.5
KEY PAD
- See E-2555 — 12555-200 POWR-TOUCH®2.5
CONTROL PANEL
- See E-12800 — 12600-000 POWR-TOUCH®5

* SUPPORT TUBES ATTACH CENTER-STRUT® HEIGHT
ADJUSTER TO 2 3/8" (6.0cm) DIA. DOUBLE-DROP PIPES ON
STANDARD 5'-9" (1.75m) CENTERS.



Porter®
1-800-637-3090 PORTER@PORTERATHLETIC.COM
© COPYRIGHT 2017 PORTER ATHLETIC - ALL RIGHTS RESERVED

PROJECT NUMBER

PROJECT NAME

Porter
WWW.PORTERATHLETIC.COM/FACILITY

HEIGHT ADJUSTMENT SYSTEM SPECIFICATION SHEET

B-604-506

5/18/2017

00604-506 - HEIGHT ADJUSTMENT SYSTEM

CENTER-STRUT® HEIGHT ADJUSTMENT
SYSTEM FOR RECTANGULAR BACKBOARD -
ELECTRIC OPERATION (POWR-TOUCH®)

SPECIFICATIONS

PORTER No. 00604-506 CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM
FOR USE ON No. 600 SERIES BASKETBALL BACKSTOPS
WITH RECTANGULAR BACKBOARDS
LESS ELECTRICAL CONTROL FOR USE WITH POWR-TOUCH® SYSTEM

Height adjustment unit shall be designed for use with No. 600 series ceiling suspended basketball backstop support systems to provide an adjustable, direct-mount (Center-Strut®) goal attachment system to eliminate any strain on the backboard should a player hang on the front mounted goal (conforms to the latest NCAA recommendation). Height adjustment units without the prescribed direct-mount goal feature will not be approved as equal. Height adjustment feature will allow goal height settings from 8'-0" to the official 10'-0" for use by all age groups. Unit shall be designed for use with any official size (4' x 6' or 3'-6" x 6') Porter rectangular backboard and companion front mount type goal.

Center unitized support frame shall be fabricated by dual, 2-3/16" square heavy-wall zinc plated guide tubes located on 11-3/16" centers. Ends of guide tubes shall be welded to heavy, formed mounting brackets. Height adjustment assembly mechanism shall be supported to No. 600 line drop frame assembly on 5'-9" centers by heavy structural support tubes. Outer dual slide tubes shall support heavy structural steel angle sections which extend downward to accept a direct-mount (Center-Strut®) goal mounting system. Slide tube assembly shall be provided with a heavy formed steel section to attach a special upper backboard support assembly to secure the unit to the upper two corners of the rectangular backboard on standard 5'-6" mounting centers.

Height adjustment unit shall incorporate a compact 115-volt, gear motor type linear actuator with 600 pound thrust capacity to raise and lower the goal height electrically. Motor shall draw 1.4 amps under full load. Integral limit switches shall provide automatic shut off at 8' and 10' goal heights. The motor shall be controlled by Porter No. 2555 or 12800 Powr-Touch® Gymnasium Control System. Specify separately Powr-Touch® Key Pad or Powr-Touch® Control Panel(s) – quantities as required. See Page No. E-2555 or E-12800 for details and specifications. Wiring from junction box on height adjuster frame to panel on Powr-Touch® System shall be provided by the electrical contractor to meet all local code requirements.

Wiring of all electrical components shall be in accordance with local area codes, and in accordance with manufacturer's instructions. All conduit, wiring, junction boxes and components not specified herein shall be furnished and installed by the electrical contractor.

A height setting scale shall be located on the side of the unit to visually determine height settings from 8'-0" to 10'-0" in 3" increments.

Height adjustment frame shall be finished with one coat of flat black enamel. Hardware shall be furnished for mounting unit to a 2-3/8" O.D. vertical support structure on 5'-6" or 5'-9" centers.

LIFETIME WARRANTY (ADD TO SPECIFICATIONS AS REQUIRED)

Limited Lifetime warranty on all Porter rectangular backboards when used in conjunction with No. 00601-506 Center-Strut® height adjustment unit installed on a Porter No. 600 series support structure.