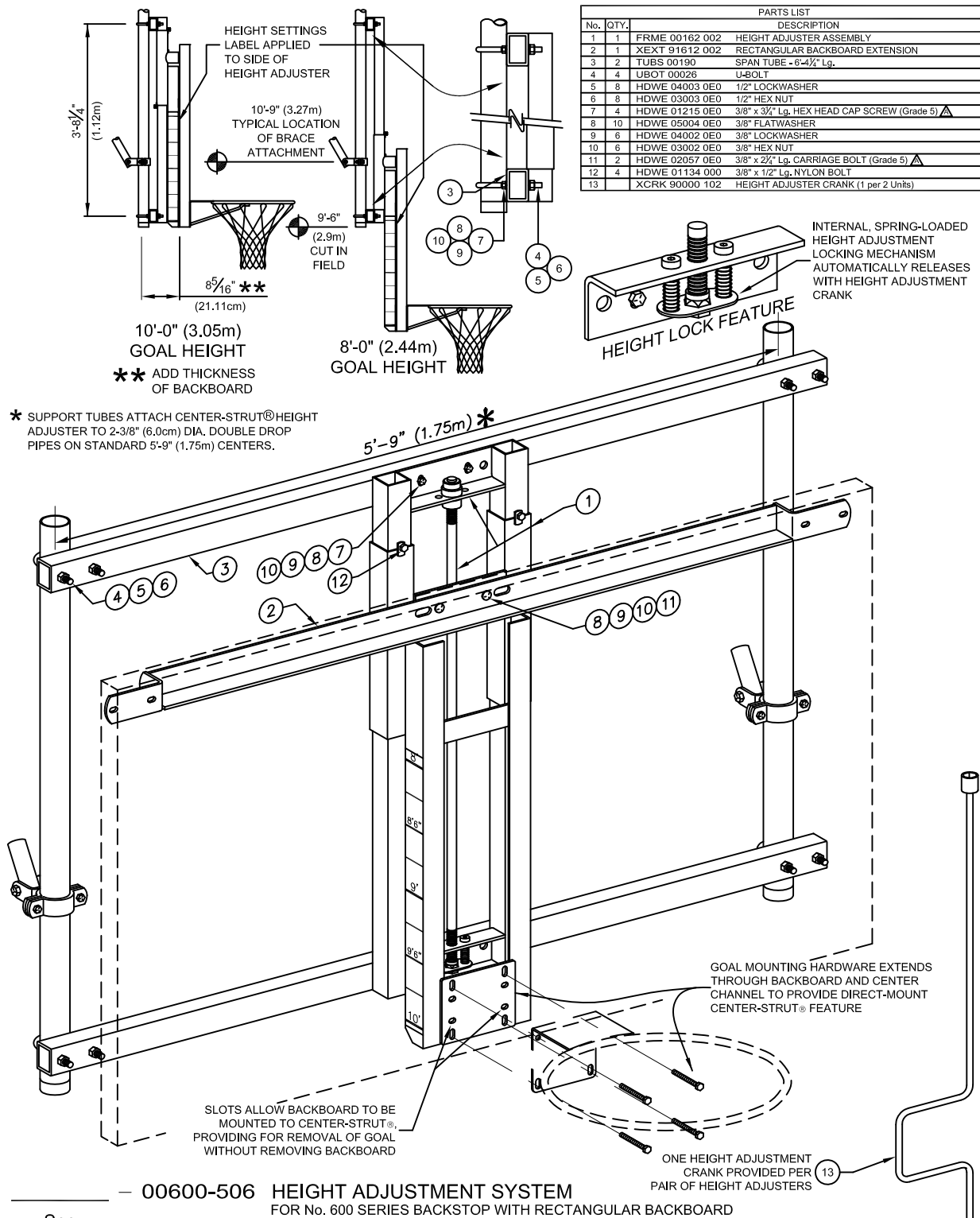


# 00600-506 - HEIGHT ADJUSTMENT SYSTEM

## CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM FOR RECTANGULAR BACKBOARD - MANUAL OPERATION



No.	QTY.	DESCRIPTION
1	1	FRME 00162 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 1/2" 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
13		XCRK 90000 102 HEIGHT ADJUSTER CRANK (1 per 2 Units)

**Porter**

WWW.PORTERATHLETIC.COM/FACILITY

HEIGHT ADJUSTMENT SYSTEM SPECIFICATION SHEET

B-600-506

**Porter®**

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PROJECT NUMBER

PROJECT NAME

4/15/2014

# 00600-506 - HEIGHT ADJUSTMENT SYSTEM

## CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM FOR RECTANGULAR BACKBOARD - MANUAL OPERATION

### SPECIFICATIONS

#### PORTER No.00600-506 CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM FOR USE ON No. 600 SERIES BASKETBALL BACK WITH RECTANGULAR BACKBOARDS

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 centrally located 3/4" diameter acme threaded rod equipped with precision, hardened steel roller thrust bearings for ease of operation from the playing floor by means of an awning crank type mechanism. Height adjustment system shall incorporate an internal, spring-loaded height locking mechanism to automatically lock and hold unit at any desired goal height during play. Lock mechanism automatically releases when height setting changes are made with adjustment crank assembly. Adjustment crank assembly shall be provided with each pair of height adjustment units. 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. 00600-506 Center-Strut® height adjustment unit installed on a Porter No. 600 series support structure.

### OPTIONAL ITEMS TO SPECIFY

- See Page No. B-900-259 for specifications on Porter No. 00900-259 Portable Operator Kit.