



CYLINDER HC5331-3

Installation:

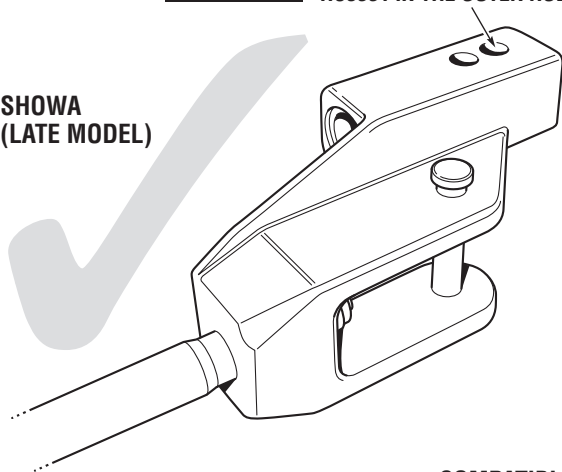
The Teleflex HC5331-3 steering cylinder is NOT compatible with some early model power steering rams. Although the cylinder will still mount to these rams, loss of articulation and possible damage to the steering ram may result. Please identify your power steering cylinder by comparing your clevis bracket to the 4 drawings shown below. The HC5331-3 IS compatible with units identified by figures A to C below, it is NOT compatible with the clevis bracket in figure D shown below.

Figure A

NOTICE

ALWAYS INSTALL CYLINDER HC5331 IN THE OUTER HOLE

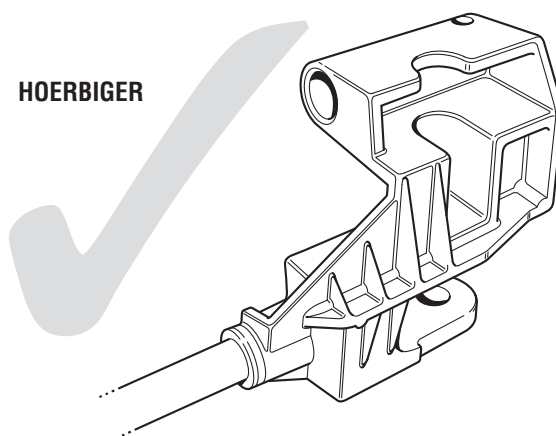
**SHOWA
(LATE MODEL)**



COMPATIBLE

Figure B

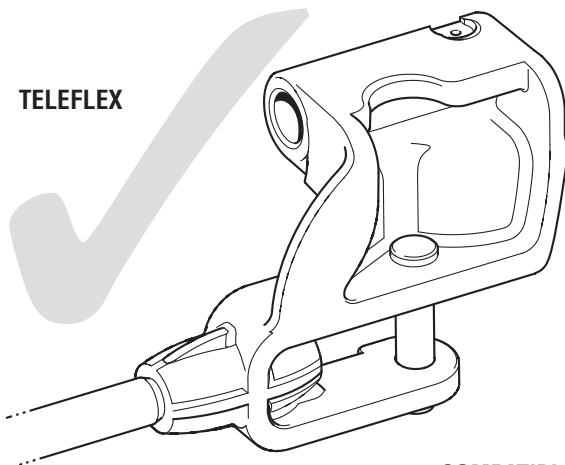
HOERBIGER



COMPATIBLE

Figure C

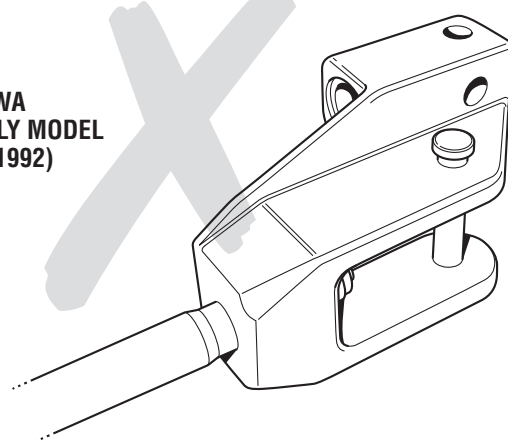
TELEFLEX



COMPATIBLE

Figure D

**SHOWA
(EARLY MODEL
PRE 1992)**



NOT COMPATIBLE

CYLINDER MOUNTING AND PARTS LIST

NOTICE

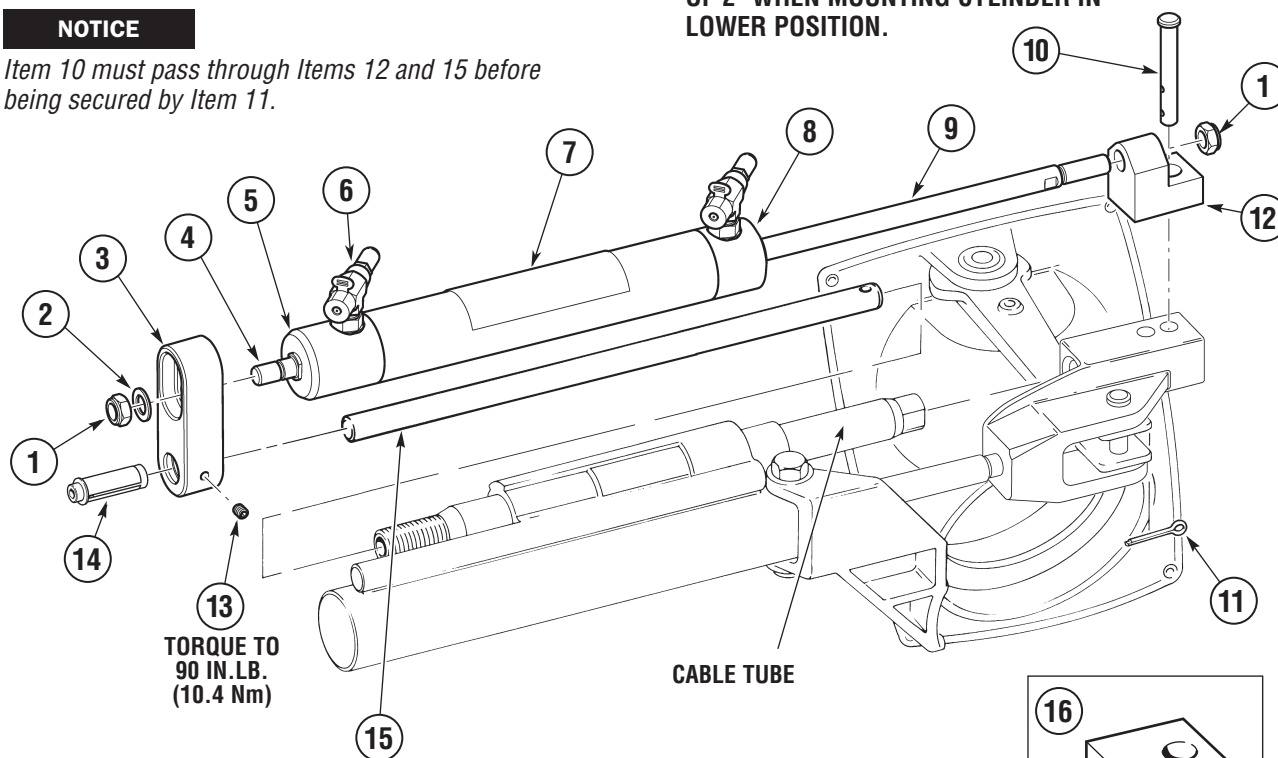
Rotate **Cable Tube** into threads of Item 3 until tight.

NOTICE

Item 10 must pass through Items 12 and 15 before being secured by Item 11.

CAUTION

CUT CLEVIS PIN, ITEM 10 TO A LENGTH OF 2" WHEN MOUNTING CYLINDER IN LOWER POSITION.



NOTICE

Always mount cylinder in lower mount position of item 3 and with out spacer item 16, unless mechanical interference prevents you from doing so.

Figure E

WARNING

When replacing any seals, make sure shaft is clear of any abrasions.

ITEM	PART#	QTY	DESCRIPTION
*1	731720	2	Nut 7/16" NF
*2	731625	1	Washer 7/16"
*3	343051	1	Support Bracket
*4	343057	1	Mounting Stud
*5	343120	1	Stud Gland
6	HF6002	2	Hose/Bleed Fitting (2 per kit)
*7	343608	1	Barrel
8	343150	1	End Gland

ITEM	PART#	QTY	DESCRIPTION
9	343424	1	Piston Shaft
*10	562923	1	Clevis Pin
*11	020926	1	Cotter Pin
*12	343052	1	Clevis Block
*13	790625	1	Set Screw, 1/4"
14	HP6092	1	Tube Support
*15	321446	1	Support Rod
*16	963721	1	Clevis Block

* Replacement parts cannot be ordered by individual part number. Contact Teleflex Marine for kits that included these items.