

AERA/AERSCO
AERA Technical Services Department
500 Coventry Lane, Suite 180 Crystal Lake IL 60014
Phone 888/324-2372 Fax 888/329-2372

TECHNICAL BULLETIN		
	March 2002 TB 1965	

Connecting Rod Fastener Caution For
Allis Chalmers 844 Diesel Engines

The AERA Technical Committee offers the following information regarding a connecting rod fastener caution on Allis Chalmers 844 cubic inch engines. Throughout the years of manufacture of these engines, the connecting rod bolt fasteners have used 6 different designs. Depending upon the type of connecting rod fastener used, only one of four torque values applies. If the incorrect torque value or fastener is used, engine failure may occur.

When installing the piston and connecting rod assemblies, clean and dry the connecting rod bolt or capscrew threads. Lubricate the bolt threads with clean SAE W 30 engine oil. Refer to Figure 1 below and determine the torque value to use. Figure 1 illustrates the difference in the connecting rod fasteners. Install the connecting rod bolt and nut or socket-head capscrew. Listed below are the torque values for the correct fastener type number.

Type 1	165 ft/lbs
Type 2	180 ft/lbs
Type 3	195 ft/lbs
Type 4	195 ft/lbs
Type 5	245 ft/lbs
Type 6	245 ft/lbs

The AERA Technical Committee

This information is provided from the best available sources. However, AERA does not assume responsibility for data accuracy or consequences of its application. Members and others are not authorized to reproduce or distribute this material in any form, or issue it to their branches, divisions, or subsidiaries, etc. at a different location, without written permission.
© Copyright AERA 2006



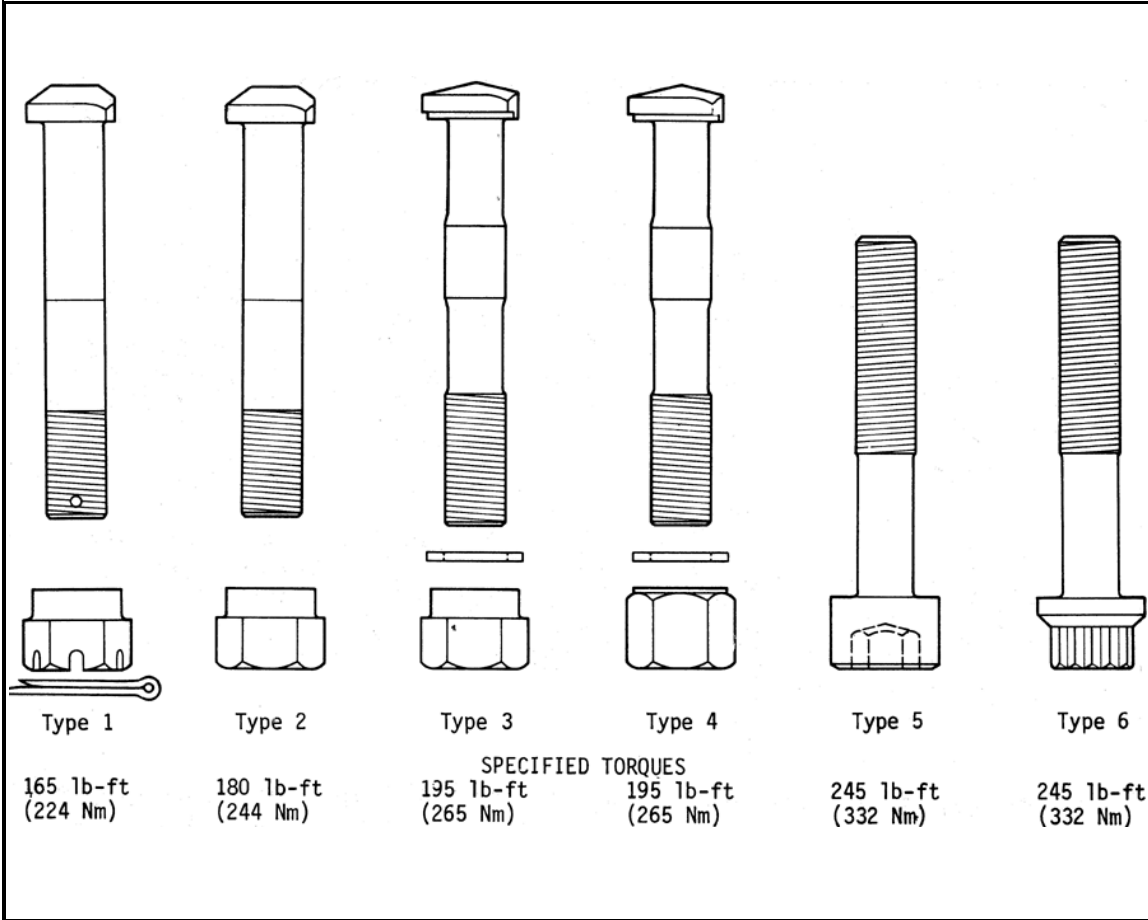
Reference:	
-------------------	--

TECHNICAL BULLETIN



March 2002
TB 1965

Bulletin Diagram: CONNECTING ROD BOLT COMBINATIONS - CYLINDER BLOCK



This information is provided from the best available sources. However, AERA does not assume responsibility for data accuracy or consequences of its application. Members and others are not authorized to reproduce or distribute this material in any form, or issue it to their branches, divisions, or subsidiaries, etc. at a different location, without written permission.
© Copyright AERA 2006



Reference: _____