PURPOSE

Provide information about torque values for assembly of TCR hoist.

SCOPE

- Limited to the Harrington TCR hoist product line.

- Limited to fasteners for the hooks and chain.

INFORMATION

See Fig's 1 thru 6.

TORQUE – UNITS OF MEASURE

The values given in the following Fig's are in Kg-cm.

To convert these values to the English system:

Kg-cm x [2.2046 lb/Kg] x [0.394 in/cm] = lb-in

Example:

295 Kg-cm x 2.2046 x 0.394 = 256 lb-in

REFERENCES

Email exchanges:

1. C. Hess to D. Nakamura, dated Mar 24, 2006, "Torque Value", including attachment.
2. D. Nakamura to C. Hess, dated Mar 27, 2006, "Torque Value".
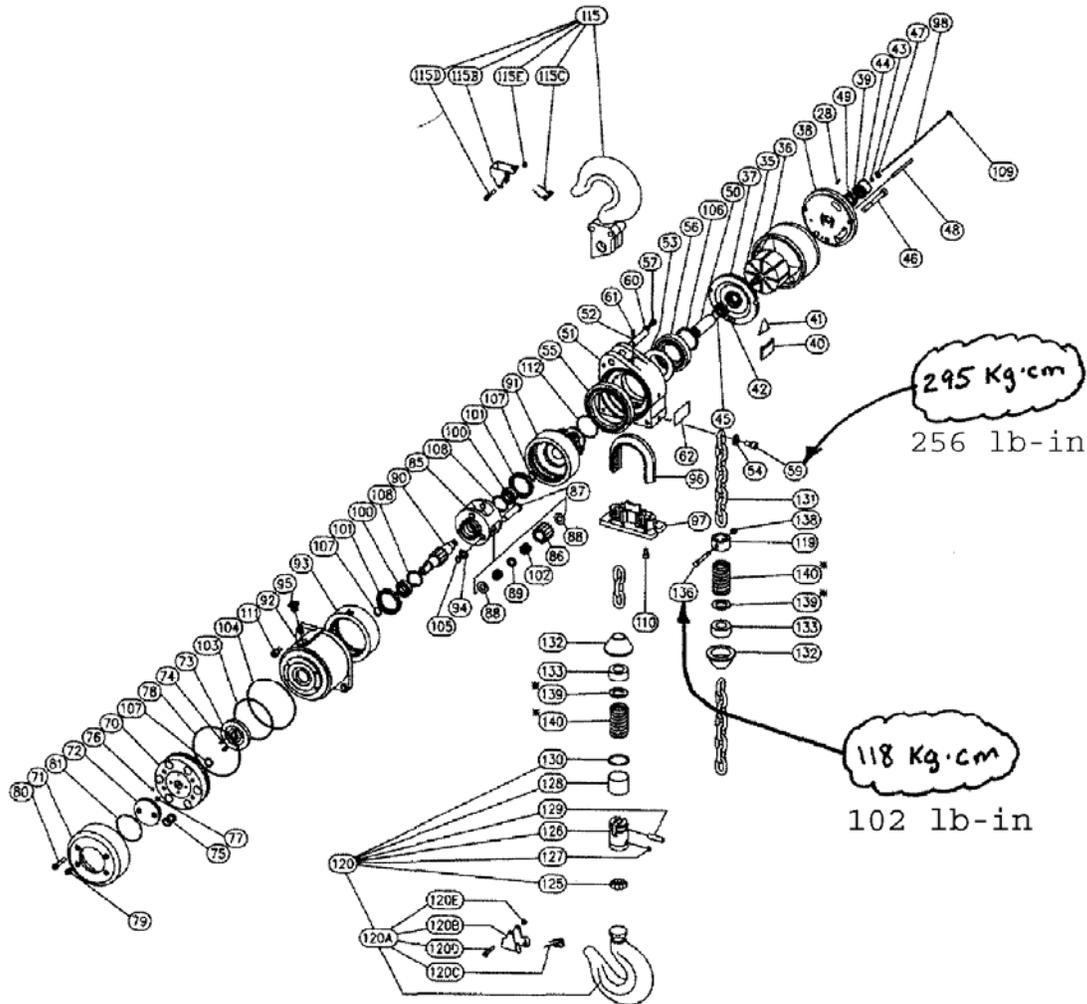
TCR250/TCR500 MAIN BODY

295 Kg·cm
256 lb-in
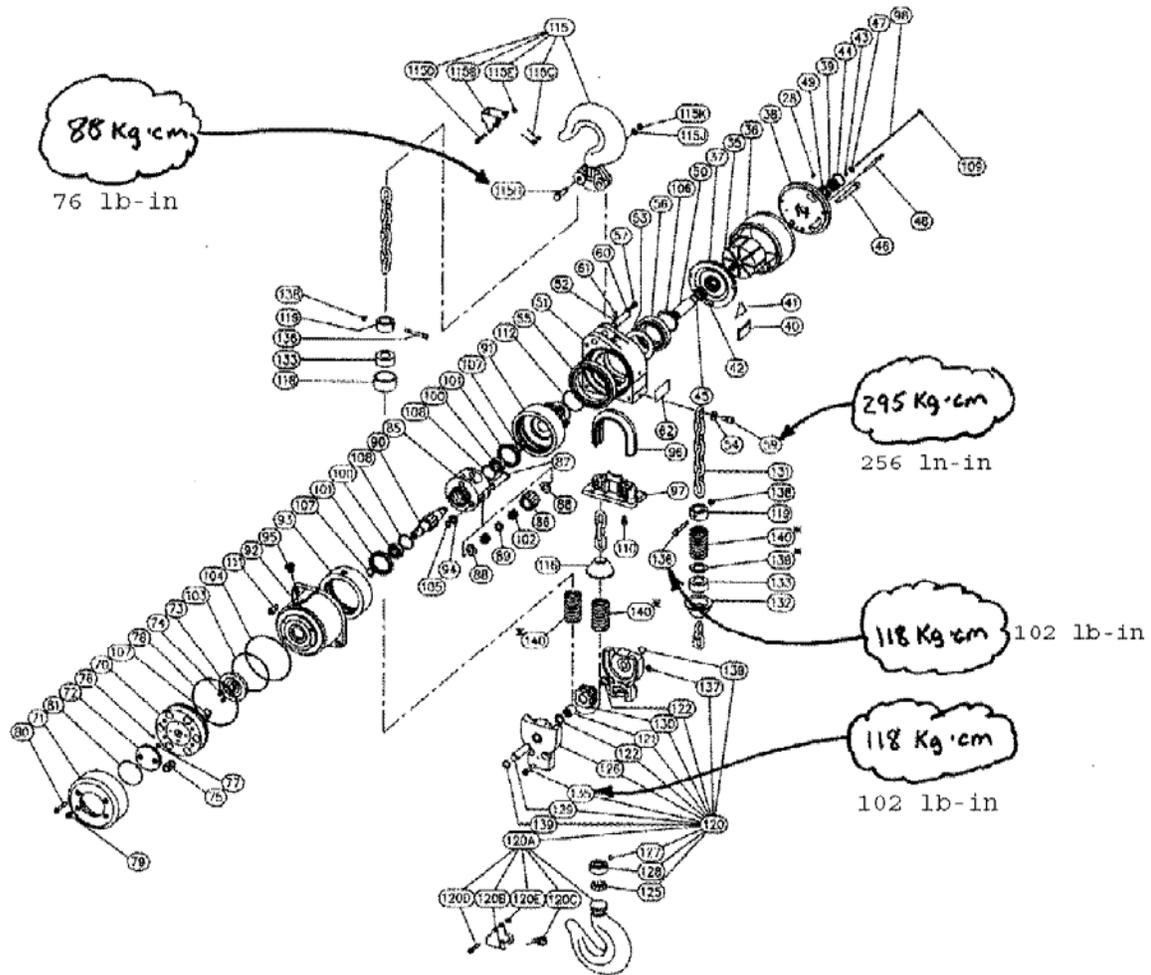
118 Kg·cm
102 lb-in

Fig 1

TCR1000-2 MAIN BODY

88 Kg·cm
76 lb-in

295 Kg·cm
256 ln-in

118 Kg·cm 102 lb-in

118 Kg·cm
102 lb-in

Fig 2

TCR1000 MAIN BODY
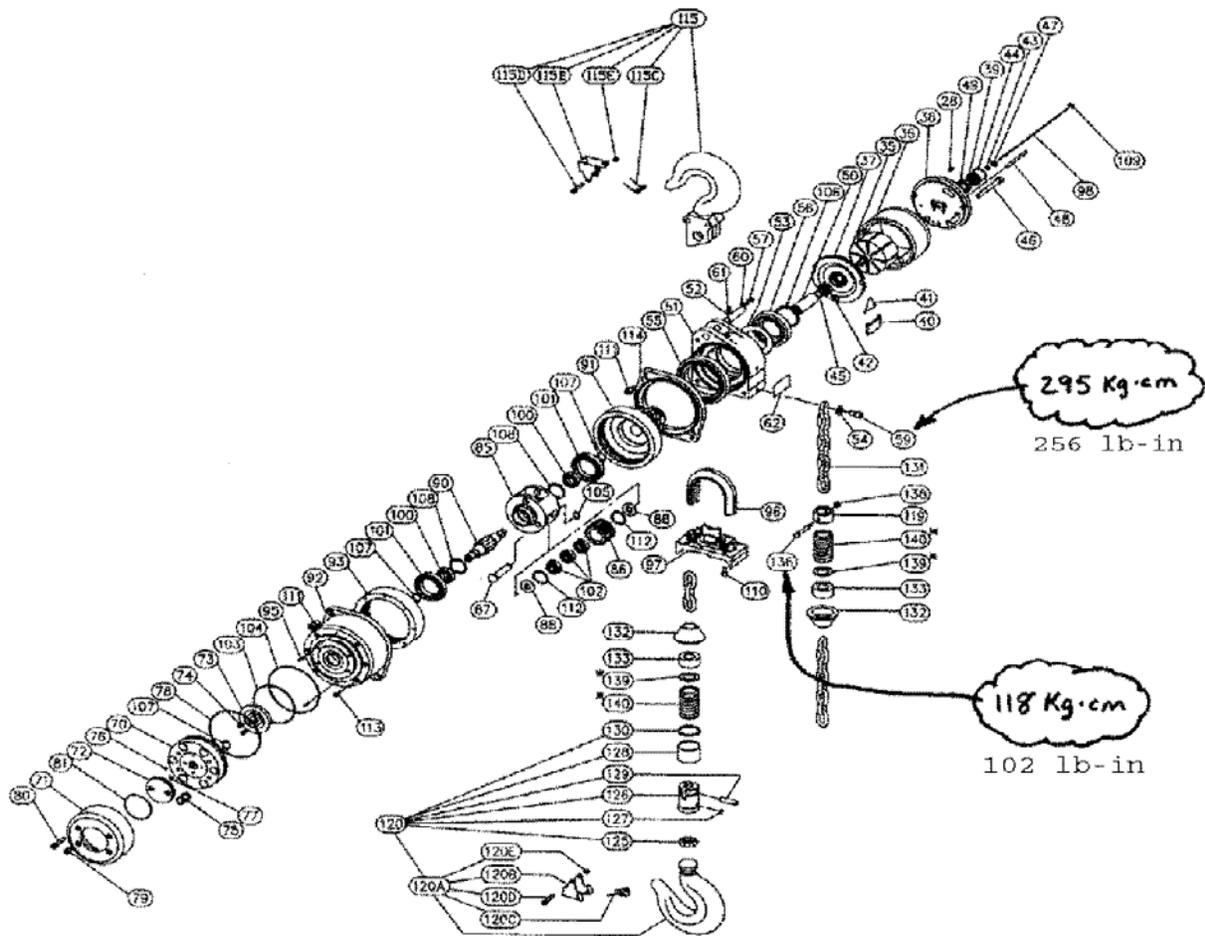
295 Kg·cm
256 lb-in

118 Kg·cm
102 lb-in

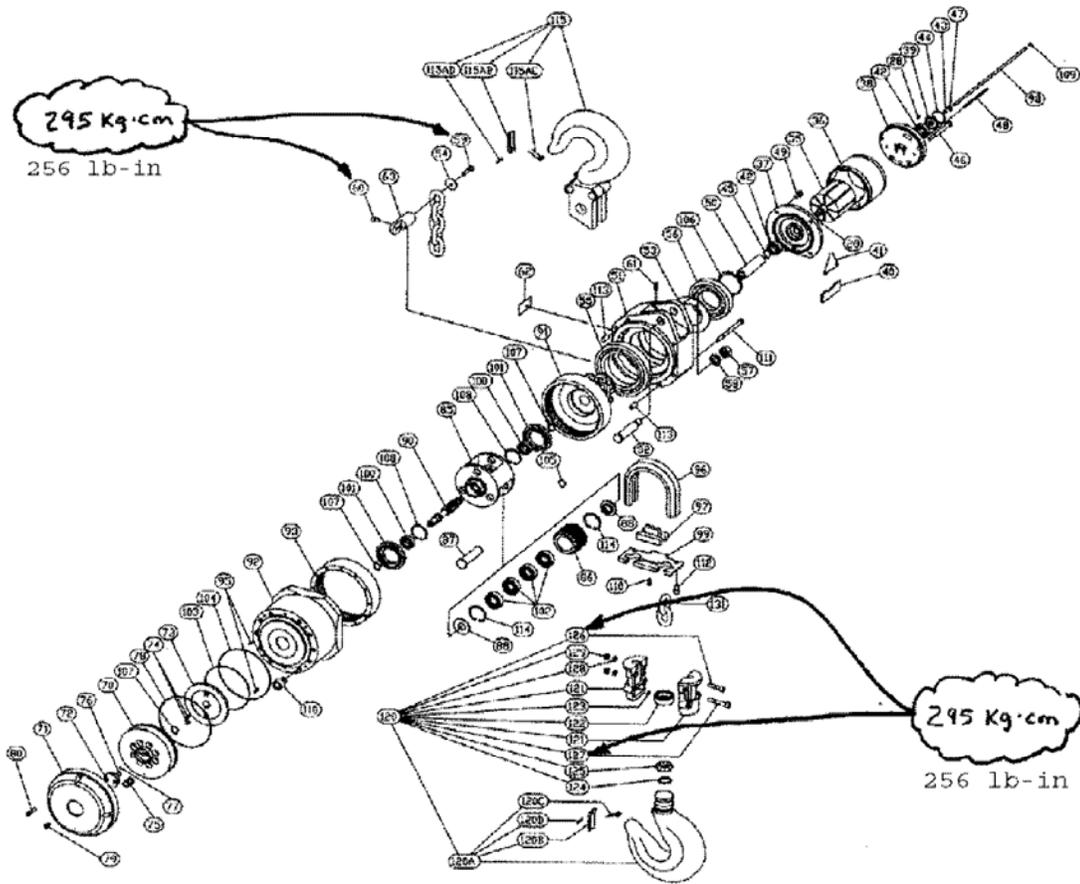Fig 3

TCR2000-2 MAIN BODY

Fig 4

TCR3000 MAIN BODY

Fig 5

TCR6000-2 MAIN BODY

373 lb-in
430 Kg·cm

215 Kg·cm
187 lb-in

295 Kg·cm
256 lb-in

373 lb-in
430 Kg·cm

Fig 6