

# Change Bulletin

No: CB016

Rev: 0

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## Description: Addition of Valve Relief Cartridge and Pressure Gauge



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### BACKGROUND INFORMATION:

On a number of EMI 400 top drives the lube oil pressure gauge (Item 44 in Figure 1) was damaged from overload. Investigation of this issue revealed that the original pressure relief valve (Item 41 in Figure 1) was adjustable from 150-5000 psi, but would not open fully at 150 psi resulting in over pressuring of the lube oil pressure gauge which was only rated to 200 psi. The cartridge has been changed to one that is adjustable from 100 to 1000 psi (TPN 510221) and the gauge changed to 600 psi max (TPN 2045). This change is fully documented in ECN-130-0011.

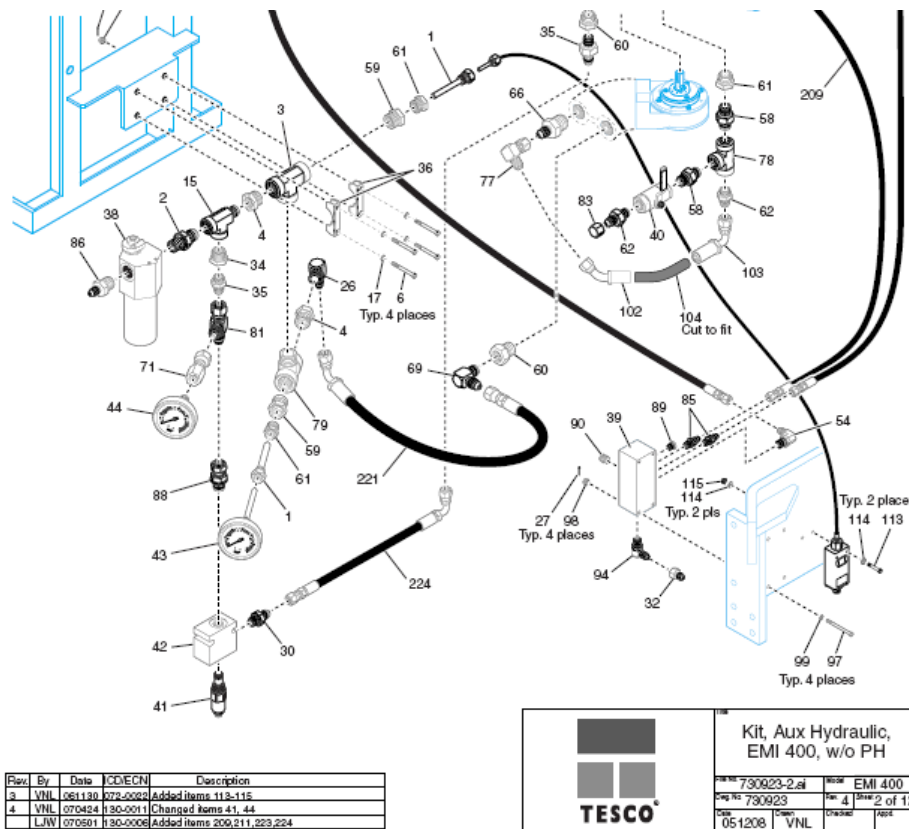


Figure 1 – EMI 400 Lube system

### AFFECTED PRODUCT:

This change is applicable to all 150T and 250T EMI400 top drives manufactured prior to March 2007.

### ACTION REQUIRED:

The change of the cartridge and pressure gauge is a non-essential upgrade that may be added to the top drive when a unit is brought into a TESCO Service Centre for routine maintenance.

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**Contact your local TESCO Parts and Service Center for further information regarding this bulletin and or supply of affected components noted above.**