

Reference Number	Bulletin 02 - 2016
Affected Product	177-7860 Hose assembly
Risks Identified	Potential risk of injury and/or property damage due to failure of defective 177-7860 hose assembly
Release Date	August 4 2016

Potential Failure of 177-7860 Hose Assembly

Overview

The 177-7860 hose assembly is a Caterpillar 'dealer tool' and is specified for use in a large number Caterpillar service procedures. A report has been received that a hose purchased by a customer failed when oil pressure was applied to hose. Examination showed that one end fitting had not been crimped during the manufacturing process, allowing hose to separate from fitting - refer Illustration 1.

Potential Risk

The use of a 177-7860 hose assembly that has not had an end fitting crimped may result in personal injury and/or property damage, should the hose separate from the fitting during use.

Actions Required

1. On receipt of this bulletin, identify any 177-7860 hose assemblies that may be in parts and tool stores, personal tool kits, and service vehicles. When located, carry out a visual inspection of the hose assembly to establish whether both end fittings have been crimped as shown in Illustration 2.
2. If a fitting has not been crimped – refer Illustrations 1 & 3 for examples, **do not use** the 177-7860 hose assembly. Return the hose assembly to a Hastings Deering parts department, and make a reference to this bulletin.



Illustration 1. Hose separated from fitting due to missed crimping process during manufacture.



Illustration 2. Correctly crimped fitting – no action required.



Illustration 3. Fitting has not been crimped – **Do not use.**



This bulletin is to inform you of the recommendations of the supplier in respect of issues dealt with in the bulletin and should not be used as specific advice in respect of any particular events. Advice from a qualified repairer should be sought in respect of any particular events and Hastings Deering (Australia) Limited accepts no responsibility for any loss or damage occasioned by a party using this general bulletin.