

INSTALLATION MANUAL

REF NO. BA01015

DATE Oct. 16, 2001

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SUBJECT: IMPROVED TORQUE CONVERTER HOSE

PURPOSE: To introduce improved torque converter hoses with increased durability

APPLICATION: 330M Dump Trucks, S/N BFP41-A thru BFP41-DA AND 24120 thru 24605
330M-2 Dump Trucks, S/N A10190 thru A10232 AND A10225 THRU A10227
HD785-3 Dump Trucks, S/N 2001 thru 2574
HD785-5 Dump Trucks, S/N 4001 thru 4250
HD785-5LC Dump Trucks, S/N A10144, A10224, A10228 Thru A10261
HD985-3 Dump Trucks, S/N 1001 thru 1020
HD985-5 Dump Trucks, S/N 1021 thru 1054

FAILURE CODE: 6BM1FA

DESCRIPTION:

Introduction:

On the dump trucks, peak pressure caused by pulsations in the hydraulic pressure discharged by a torque converter charge pump may lessen the durability of hoses connecting a pump and filter, and the filter and torque converter valve.

This **INSTALLATION MANUAL** introduces improved hoses with increased durability and an installation procedure.

LIST OF PARTS:

No.	Part No.	Part Name	Qty	Remarks
1	07110-01408 (07290-01408)	Hose (Hose)	2 (2)	
2	07000-F3048	O-Ring	4	Consumable parts

3. Contents of the modification

The specification of the hoses have been changed to 14 MPa {143 kg/cm²} of resisting pressure from 3 MPa {30.6 kg/cm²} of resisting pressure.

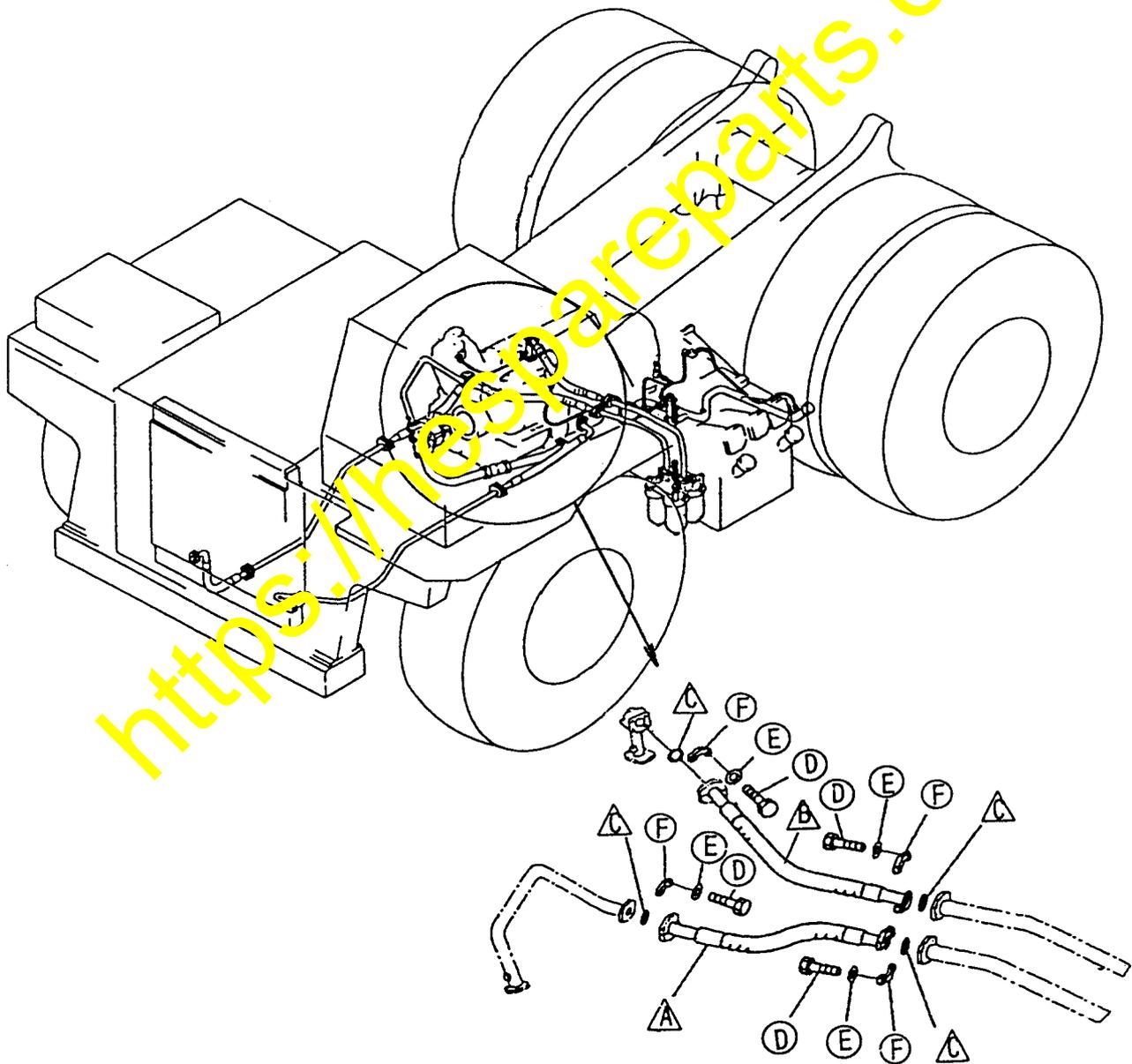
4. Installation procedure

Numbers in parentheses and numbers given in an illustration in the following page correspond to the item numbers in the list of parts.

4.1 Removing of parts

Parts shown in circles ○ are to be reused after removal and shown in triangles △ are not to be reused after removal.

Disconnect and remove the hose (A) connecting the torque converter charge pump and the filter, and the hose (B) connecting the filter and the torque converter valve.



4.2 Installation of new parts.

Install the newly prepared hoses (1).

Replace O-rings (2) with new ones.

Bolt tightening torque should be 59 – 74 Nm {6.0 - 7.5 kgm}.

