

DKP

DERBY

# Engineering Instruction

No. MD/276  
ISSUE 1

**TITLE**  
LIFTING OF LEYLAND 680 ENGINES

**LOCOMOTIVES, VEHICLES OR EQUIPMENT**

Description	Serial Nos.	Lot Nos.
All Leyland 680/1, 680/13 and 680/1595 DMU Engines	Various	Various

**INSTRUCTION** **WORKS** **DEPOTS**

Damage has been caused to Leyland 680 engine cylinder blocks by incorrect lifting practice. In some cases this is due to a lifting hook that is too large and thus applies a bending moment to the lifting bar causing the cylinder block to fracture through to the water space. In other cases the lifting hook pivots on the high pressure fuel pipe bracket causing distortion of the fuel pipes.

In future, at Main Works and Depots all Leyland 680 Engines shall be lifted only by the application of a suitable wire sling or lifting shackle to the lifting bar. Under no circumstances shall the lifting hook be applied directly to the lifting bar.

The Leyland 680 Engine mass shall be taken as 1 000 kg (2 205 lb), wet.

This Instruction is to be implemented - Immediately.

Signed M. Petros Corres. Ref. TDM/177-204-110(AFB) Date 18 Aug 77  
for C.M. & E.E. (B.R.B.) H.Q.

FOR B.R.E.L. H.Q. USE ONLY				
B.R.E.L. Eng. Inst. No.	Type of Instruction		Estimates of unit cost change are/are not required	
	Recurring	Non-Recurring	Recurring	Non-Recurring

Redistribution Panel

To :- \* Divisional/Works Manager -----  
\* Works/Depot -----  
Please acknowledge receipt of this Engineering Instruction

Signed \_\_\_\_\_ Corres. Ref. \_\_\_\_\_ Date \_\_\_\_\_  
for C.M. & E.E./M.D., B.R.E.L.

\* Delete whichever is not applicable.