

**TRUCK, UTILITY, LIGHTWEIGHT, MC2 – ALL TYPES
ADJUSTMENT OF ENGINE VALVE CLEARANCES
MISCELLANEOUS INSTRUCTION**

Introduction

1. Instances have been recorded of exhaust valves burning out in the engine of the subject vehicle. This instruction stresses the importance of ensuring that the adjustments are carried out.

Detail

2. Contributing factors to exhaust valve failure are considered to be:
 - a. Exhaust valve tappet clearances difficult to adjust due to their location.
 - b. Adjustments not being carried out during the initial running in period of the engine.
3. It is extremely important that workshop personnel are fully aware of the problem and consequently are to ensure that the valve clearances are adjusted when specified.

Valve Adjustment

4. Exhaust and inlet valve tappet clearances are to be adjusted during:
 - a. Initial Service.
 - b. The first minor service only. This adjustment is to be recorded in section 4 of the Equipment Record Book AAB-140.
 - c. Major Service.

Valve Clearances

5. All subject vehicles are to have their exhaust and inlet valve tappet clearances set to the following specifications:
 - ~~a. Inlet valves .20 mm (.008 inches) Hot.~~
 - b. Exhaust valves .35 mm (.014 inches) Hot.
6. Technical specification plates fitted to the engine which record clearances contrary to those detailed in this instruction, are to have the erroneous information defaced and the correct clearance recorded.
7. Amend Note 2 of VEH G 309 (Issue 2) to comply with this instruction.

LEYLAND AUSTRALIA - CORRECTION

5a Inlet Valve Specification is 0.15mm (0.006 in) not 0.20mm (0.008 in)

5b Exhaust Valve Specification is OK at 0.35mm (0.014 in)

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