

KES

Engineering & Test Engineering

Torque Converter Piston Pressure Strength Test

KES T – F040

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1. Scope of Application

This shall be applied to the Q and P type torque converter of F4E automatic transmission.

2. Purpose

This shall be for the purpose of checking the bending amount of the torque converter piston at lock up.

3. Test Condition and Equipment

Air pressure : 1~7 kgf/cm² (per 0.1)

Maintaining time : 5 minutes

Temperature : Normal temperature

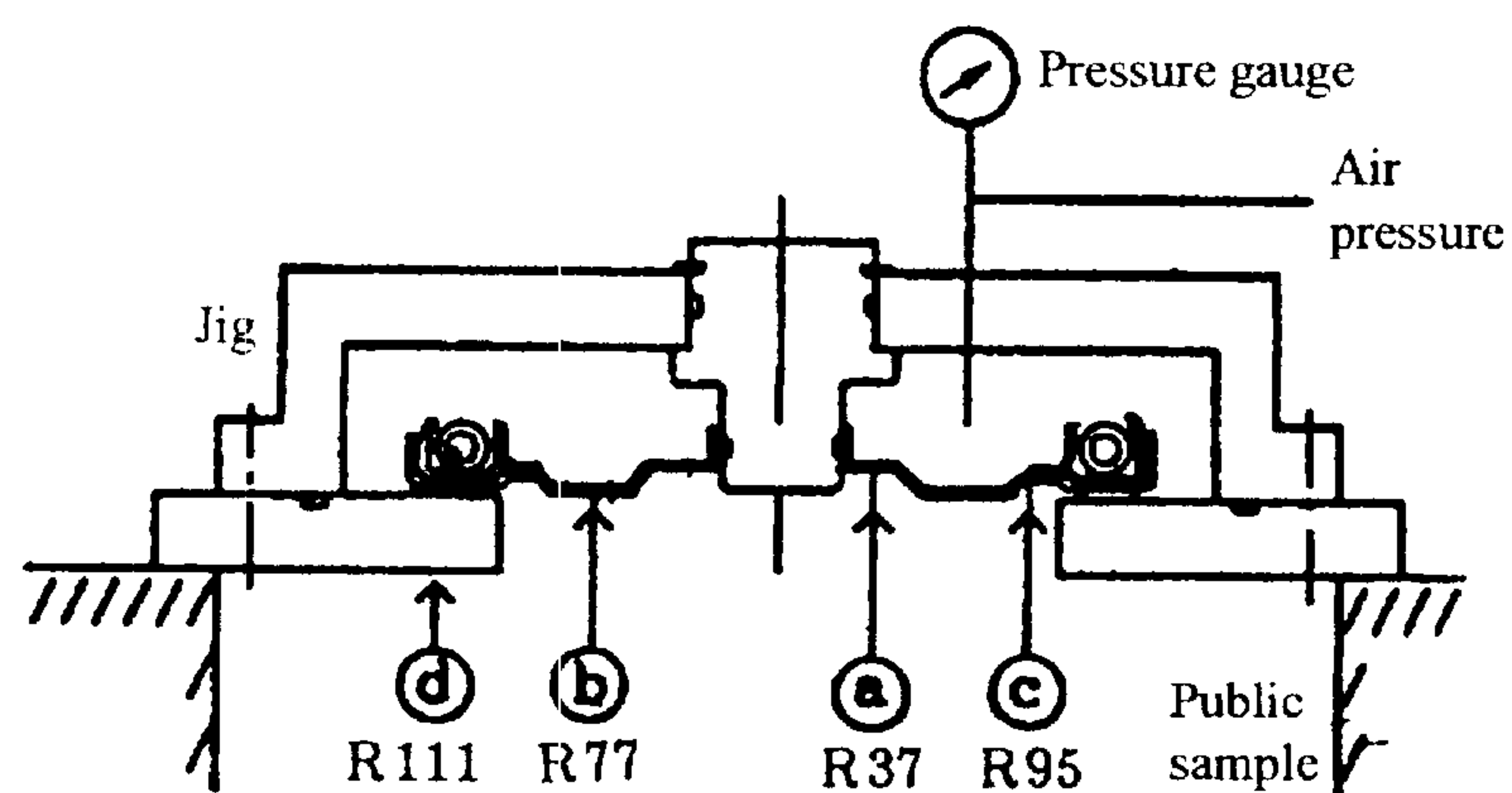


Figure 1 Test equipment diagram

4. Measurement Item

4.1 Piston deflection amount according to pressure

4.2 Thickness of piston plate