

## TECHNICAL BULLETIN

### P/N LSPV001– Extension Nut LSPV Adjustment

**Subject: TOYOTA HILUX 150 Series Build date: 3/05 on - Brake Bias**  
Revision A- 18<sup>th</sup> November 2008

Lovells Springs Pty Ltd publish this information in order to maintain safety standards and to assist in correct application and performance of Lovells products.

When fitting Lovells Raised or Raised H/Duty rear leaf springs to Toyota Hilux, it is essential to adjust the LSPV (Load Sensing Pressure Valve) if fitted to ensure correct braking performance.

The connecting link at standard height with Original Equipment rear leaf springs is 160mm (measured from the centre of the eye to the bracket on the valve). When raised rear leaf springs are fitted, this needs to be lengthened to 200mm.

**Prior to fitment**



**LSPV001**



**Adjustment**



**LSPV001 Fitted**

1. Disconnect the LSPV link from the vehicle. Reusing the existing nut as a lock nut, fit the Extension Nut (LSPV001).
2. Adjust the Extension Nut until the overall length measures 200mm, from the centre of the eye to the end of the link.
3. Re-fit the link to the vehicle.

Lovells strongly recommend that this part number be fitted when using Raised or Raised Heavy Duty rear leaf springs.

Brake line pressure testing and brake inertia testing must be performed after fitment of this part number to ensure correct braking performance.

Brake line Pressures after fitting:

Front: 9,000 kPa

Rear: 8,000 kPa

Brake testing (line pressures and inertia) should be performed with vehicle loaded.