PROPORTIONING VALVE (P VALVE)

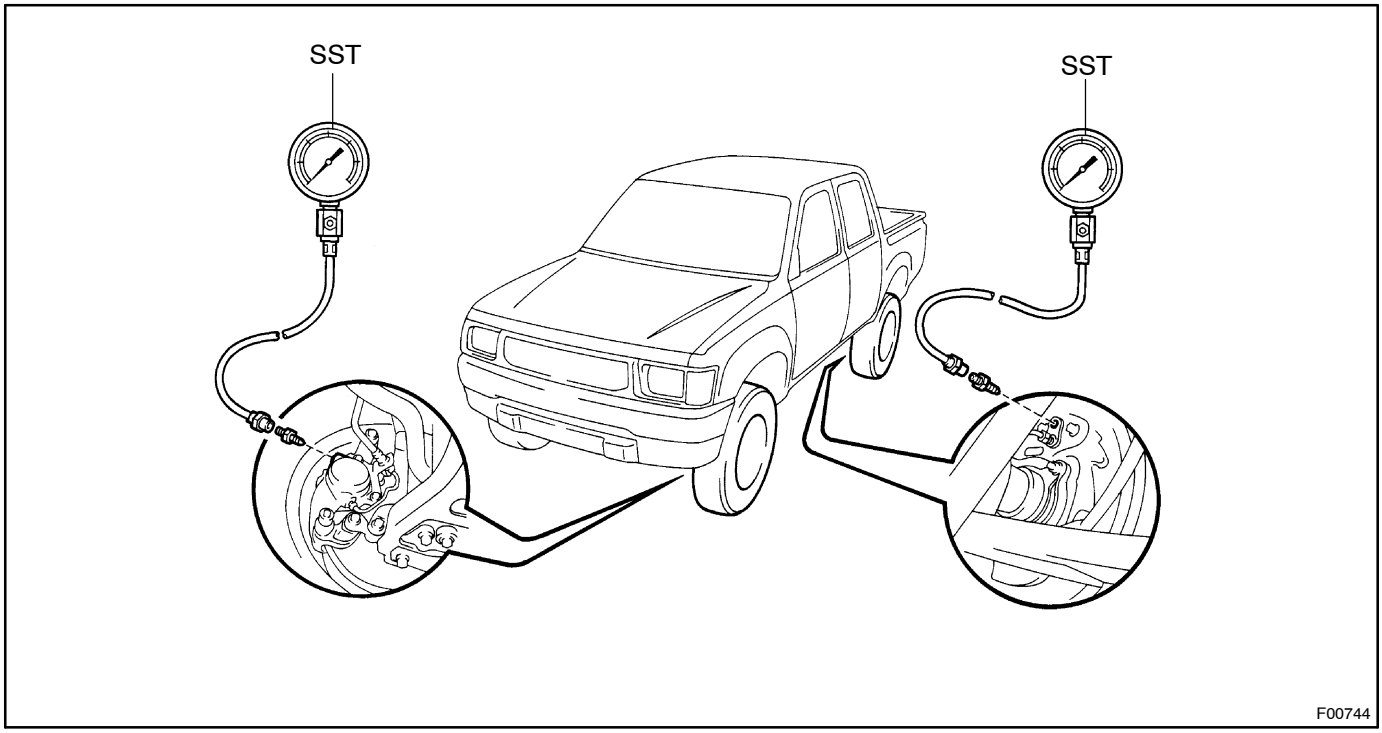
BR0FP–02

ON–VEHICLE INSPECTION

HINT:

Prerunner is the model described below.

RZN19_, series, KDN19_, series, LN19_, series



1. **INSTALL LSPV GAUGE (SST) AND BLEED AIR**
   SST 09709–29018
2. **RAISE MASTER CYLINDER PRESSURE AND CHECK REAR WHEEL CYLINDER OR CALIPER PRESSURE**

2WD

Master cylinder fluid pressure	Rear brake cylinder fluid pressure
2,942 kPa (30 kgf/cm^2, 427 psi)	2,942 kPa (30 kgf/cm^2, 427 psi)
5,884 kPa (60 kgf/cm^2, 853 psi)	4,729 kPa (48.2 kgf/cm^2, 686 psi)
7,845 kPa (80 kgf/cm^2, 1,138 psi)	5,226 kPa (53.3 kgf/cm^2, 758 psi)

4WD and Prerunner

Master cylinder fluid pressure	Rear brake cylinder fluid pressure
2,942 kPa (30 kgf/cm^2, 427 psi)	2,942 kPa (30 kgf/cm^2, 427 psi)
5,884 kPa (60 kgf/cm^2, 853 psi)	4,469 kPa (45.5 kgf/cm^2, 647 psi)
7,845 kPa (80 kgf/cm^2, 1,138 psi)	4,962 kPa (50.6 kgf/cm^2, 719 psi)

If the rear brake caliper pressure is incorrect, replace the P valve assembly.

3. **BLEED BRAKE SYSTEM (See Pub. No. RM585E on page BR–4)**
4. **CHECK FOR LEAKS**