

# **Component Procedures: Vacuum Brake Booster**

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# Component Procedures: Vacuum Brake Booster

## Parts and Labor (itype\_189)

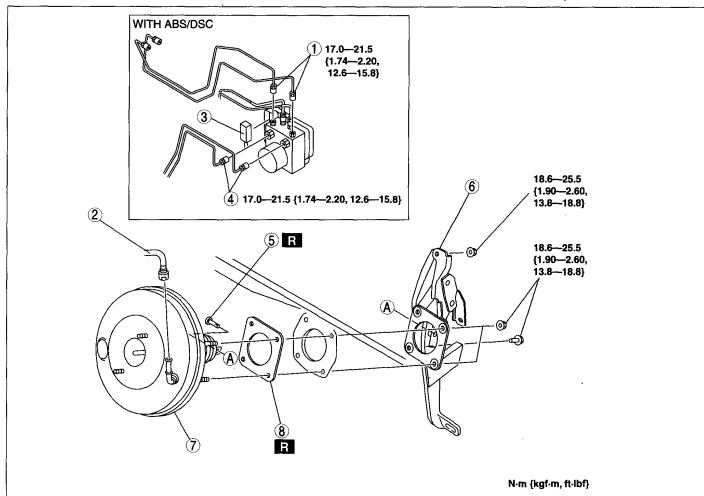
### Parts

Qualifier	Part #	Name	Price	Note
Brake Booster > Without ABS	BNYR4380ZD	Brake Booster	321.72	
Brake Booster > With ABS	BPYL4380ZE	Brake Booster	314.49	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Brake Booster, R&R	B	2.0	1.6

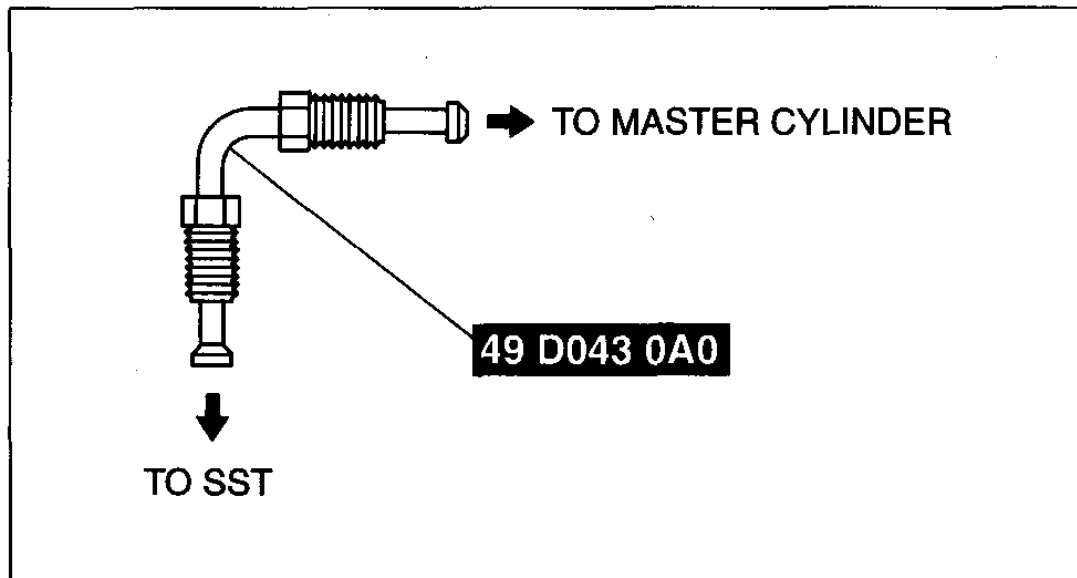
## Power Brake Unit Removal/Installation (Article 1364889)

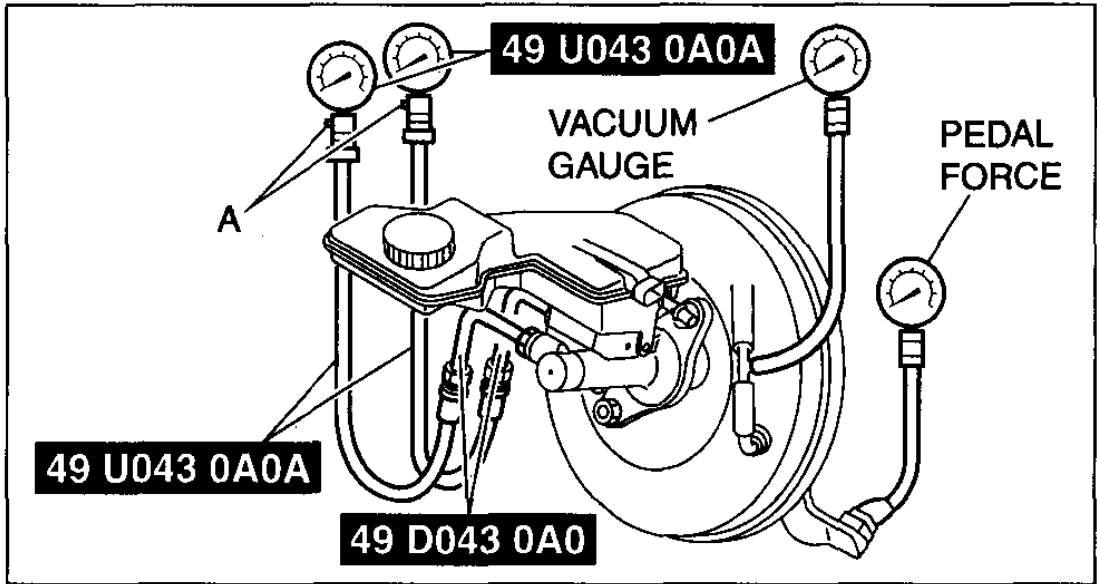


1	Brake pipe
2	Vacuum hose
3	Connector
4	Brake pipe

5	Joint pin
6	Brake pedal component (See Brake Pedal Component Removal Note.)
7	Power brake unit
8	Gasket

## Power Brake Unit Inspection (Article 1361979)





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**Master cylinder fluid pressure**

<b>Vacuum amount at 0 kPa {0 mmHg, 0 inHg}</b>	
<b>Pedal force (N {kgf, lbf})</b>	<b>Fluid pressure (kPa {kgf/cm<sup>2</sup>, psi})</b>
200 N {20.4kgf, 44.9lbf}	500 kPa {5.10 kgf/cm <sup>2</sup> , 72.6 psi} or more

**Master cylinder fluid pressure (except L3 WITH TC)**

<b>Vacuum amount at 66.7 kPa {500 mmHg, 19.7 inHg}</b>	
<b>Pedal force (N {kgf, lbf})</b>	<b>Fluid pressure (kPa {kgf/cm<sup>2</sup>, psi})</b>
200 N {20.4kgf, 44.9lbf}	6,500 kPa {66.29 kgf/cm <sup>2</sup> , 942.8 psi} or more

**Master cylinder fluid pressure (L3 WITH TC)**

<b>Vacuum amount at 66.7 kPa {500 mmHg, 19.7 inHg}</b>	
<b>Pedal force (N {kgf, lbf})</b>	<b>Fluid pressure (kPa {kgf/cm<sup>2</sup>, psi})</b>
200 N {20.4kgf, 44.9lbf}	7,000 kPa {71.39 kgf/cm <sup>2</sup> , 1,016 psi} or more