

## Secondary Circuit Failure In Master Cylinder Under Extremely Cold Conditions

Subaru of America, Inc. has determined that in extremely cold weather conditions (approximately 20 degrees below zero Fahrenheit and colder) with normal light brake application, there is a possibility that the brake pedal on certain Subaru models may have increased pedal travel and increased stopping distances. This is caused by an internal supply valve, which is part of the secondary piston of the master cylinder of the master cylinder, that may momentarily stick in the open position and allow a decreased braking pressure in the secondary circuit. The primary circuit of the master cylinder continues to operate properly.

The affected vehicles include 1998 and some 1999 Subaru Legacy and Forester models equipped with ABS. 1999 model year Legacy vehicles with 2.2 liter engines are excluded. Production dates for the affected vehicles run from April 11, 1997 through March 10, 1999. Refer to the chart below for a listing of model years, body styles, and VIN ranges for the affected vehicles.

### Vehicles Involved

Model Year/Body Style	VIN Range
1998 Legacy Sedan	4S3BD**5*W*200003 — W*214372
1998 Legacy Station Wagon	4S3BK**5*W*300004 — W*322287
1998 Legacy Outback	4S3BG**5*W*600003 — W*662151
1998 Forester	JF1SF**5*W*700001 — W*783968
1999 Legacy Sedan	4S3BD**5*X*250001 — X*262715
1999 Legacy Station Wagon	4S3BK**5*X*300001 — X*315308
1999 Legacy Outback	4S3BG**5*X*600001 — X*652006
1999 Legacy SUS	4S3BD**5*X*700001 — X*736572

**Note 1:** Although the involved vehicles are within the above VIN ranges, not all vehicles in this range were sold in the U.S.

**Note 2:** Various characters may occupy the VIN positions identified by “\*”.

**Note 3:** Affected vehicles are listed in the chart. However, some vehicles may have already been repaired prior to distribution. Vehicles with replaced master cylinder assemblies will have a black or green dot on the front end of the master cylinder and no further repairs are necessary.

Owners of the affected vehicles have been notified by Subaru of America, Inc. However, some vehicle owners may not respond to the notification letter. If any of your customers own an affected vehicle and have not responded, advise them to contact an authorized Subaru service department to schedule an appointment.