

## Bulletin CQB 03-07

**Subject:** Water intrusion may cause rear wheel bearing noise.

**Vehicle Involved:** The following models equipped with ABS:  
1999-2001 Mitsubishi Galant  
2000-2001 Mitsubishi Eclipse  
2001 Mitsubishi Spyder

**Condition:** Rear wheel bearing noise or damage may result from water intrusion through the ABS sensor to knuckle. When servicing rear wheel bearings, rear ABS sensors, or rear knuckles the procedures in this bulletin may help to improve sealing.

**Repair Procedure:** Vehicles manufactured after 5-4-01 are equipped with rear knuckles that have a machined groove for an o-ring at the ABS speed sensor mounting point. Install the o-ring seal in the groove before installing the ABS sensor to the knuckle. Be sure the o-ring is properly seated in the groove. On vehicles built before 5-4-01 or with vehicles that do not have the o-ring seal, install a light coating of RTV silicone sealant to the mating surface of the ABS speed sensor mounting point. See illustration below. Note: excessive amounts of RTV may actually "lift" the sensor increasing the non-adjustable air gap. This in turn may cause false ABS modulation.



