

Tech Help

Applications: All Subaru vehicles

GSP Part Numbers: NCV66002, NCV66005, NCV66011, NCV66013, NCV66037, NCV66053, NCV66059, NCV66501, NCV66505, NCV66901, NCV66903, NCV66904, NCV66916, NCV66920, NCV66001, NCV66003, NCV66004, NCV66007, NCV66008, NCV66503, NCV66511, NCV66512, NCV66907, NCV66921, NCV66922, NCV66924, NCV66925

It is very important to check **motor mounts** on any vehicle prior to replacing a CV Axle. If a motor mount is worn or broken it may cause excessive engine movement that could result in the axle exceeding its plunge distance and pulling out of the transmission. Subaru axles are designed to operate at a greater angle of declination than most vehicles. In addition to a possible separation with the transmission these axles may create a vibration or noise if they continue to operate at the maximum plunge distance. Worn or broken motor mounts may cause this action. In addition Subaru have a third mount referred to as the Transmission mount (see Fig. 2). If the rubber in the cradle is worn or cracked it may also contribute to excessive engine pitch. The engine pitching stopper (see Fig. 1) also has two rubber isolators that need to be checked for wear, stiffness or cracking. On some models of Subaru a heat shield and exhaust pipes may interfere with checking these components.

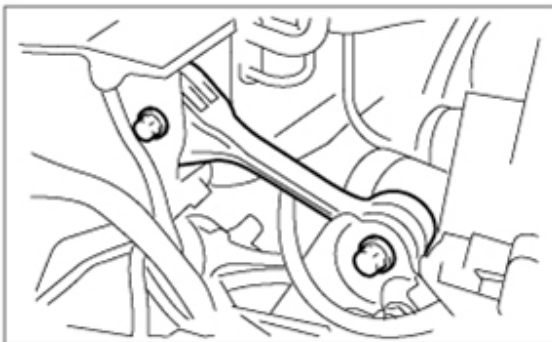


Figure 1

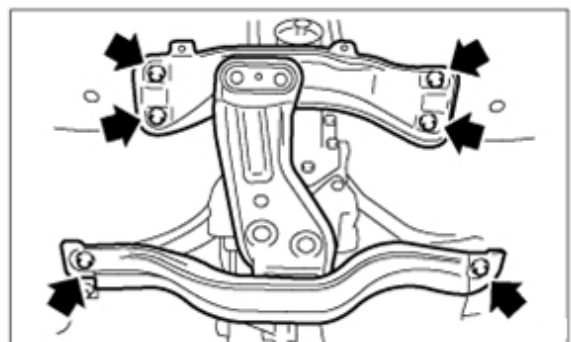


Figure 2