

Nissan 350Z 370Z Infiniti G35 G37

Clutch Pedal and Clutch Master Cylinder Adjustment

Procedures here should be done by a qualified automotive technician. We hold no responsibility for this free advice.

Adjustment of the clutch stopper is necessary whenever you adjust the clutch master cylinder rod length. The stopper is either the cruise control switch or a stopper bolt, Models "without" cruise control may just have a bolt in place of the cruise control switch. This stopper is located at the top side of the pedal assy and stops the pedal from traveling towards the driver.

To adjust master cylinder rod, Loosen 12mm nut located directly behind the clevis fork.

To gain more pedal stroke in the clutch and raise the engagement point of the clutch first loosen the cruise control switch (or stopper bolt if you do not have cruise) by first breaking loose the lock nut and turning it out COUNTER CLOCKWISE until you see the black plunger start to protrude from the switch or you start to get a gap between the rubber bumper and bolt. We recommend starting with a 1/2-1 full turn out on the switch or bolt to start with.

Now loosen the 12mm nut on the master cylinder adjustment rod behind the clevis , Turn rod CLOCKWISE with long needle nose pliers JUST until the cruise switch closes completely or until the rubber bumper touches stopper bolt, do not go any further.

A half a turn of adjustment on the rod will make a big difference. We recommend adjusting in small increments until you get your desired engagement point.

After final adjustment, tighten lock nuts and make sure there is free play in the clevis pin when pedal is in the full up position. You can test this by looking at the clevis pin and slightly depressing the pedal. The pin should be "free" when you first press the pedal

"Quick Adjustment Check"

Loosen nut on Cruise Switch or Stopper Bolt, Turn SW or Stopper bolt Counter Clockwise until it comes off the rubber pad (green pad in picture below) Now screw SW or bolt back in just until it touches the rubber pad or threaded body of switch just touches the rubber pad. This ensures master cylinder is getting fully extended out and ensures pressure in the clutch system is released to the reservoir when the pedal is up.

