

Technical Bulletin

Model
911C2/C4/t

Group
3

Subject: Clutch Pedal Adjustment

Part Identifier
3005

Number
9202

ATTENTION: Service Manager/Service Technician

This bulletin supersedes Technical Bulletin Group 3, Number 9003, Book G, page 81.

Models Affected:

**911 Carrera 2/4, from model year 1989 (K)
911 turbo, from model year 1991 (M)**

Concern:

Clutch does not disengage fully. Clutch pedal adjustment procedure.

General Information:

Some preconditions for proper clutch operation are:

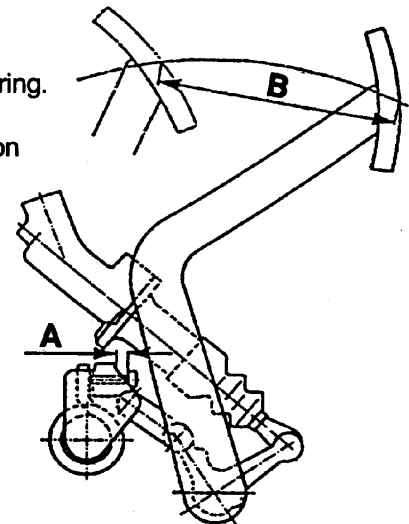
- No leaks in the hydraulic system.
- Properly bled hydraulic system.
- Properly adjusted pedal servo spring.
- Pedal return to stop position.
- Correct pedal travel adjustment on floor plate.
- Original pedal linkage.

Repair Information:

The following work steps should be performed first to avoid unnecessary clutch component replacement.

**1. Checking pedal rest position
(Pedal return force)**

Pull back pedal to stop position with at least 30N (7 ft. lbs.) (use spring scale). Pedal should not move back when pulling. If pedal moves back, pedal return force is insufficient and servo spring tension must be adjusted.



A = 6mm
B = 145 + 10mm

Figure 1

2. Adjusting servo spring

Distance "A" (Figure 1) between bolt and lever should be 6mm. Adjustment is made by turning Allen head bolt (arrow in Figure 2). Turning Allen head bolt counter clockwise reduces servo spring tension and, therefore, increases pedal return force.

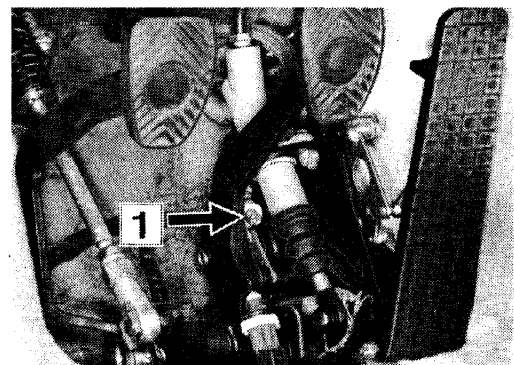


Figure 2

PORSCHE CARS NORTH AMERICA INC.



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Repair Information (cont.):

3. Checking pedal travel

Pedal travel up to the stop must be 145 + 10mm. Pedal travel must be measured at the center of the pedal plate (B in Figure 1). The pedal stop can be adjusted on the floor plate.

4. Clutch free play

Free play is not adjustable. The clutch master cylinder has an internal stop. If the servo spring is adjusted correctly, the clutch pedal rests against the stop in the clutch master cylinder. Clutch free play cannot be checked on the clutch pedal because of the automatic hydraulic adjustment.

Warranty Information:

Damage Code: 3005110001

Labor Operations:

30056700 Check and adjust clutch pedal 50 Time Units
per Technical Bulletin

