

By repeated slight correction of the position of the idle mixture adjustment screws (9), check whether the idle can be further improved. Then, if necessary, adjust the idle speed once more with the idle adjustment screws (8).

**Note:** When the idle is adjusted, the mechanical throttle valve of Stage 2 and the start mechanisms of both carburetors must be completely closed.

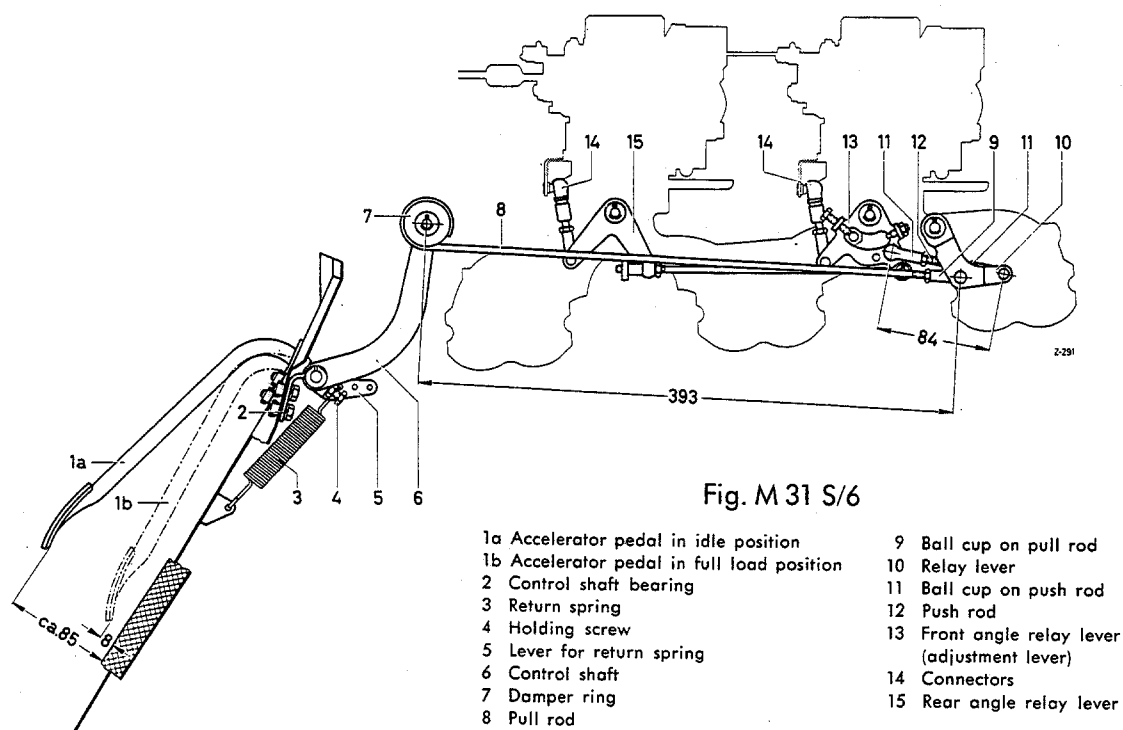
## E. Adjustment of Accelerator Pedal

1. Check the position of the accelerator pedal in the idle position and in the full load position. The distance of the accelerator pedal from the rubber floor mat should be appr. 85 mm in the idle position, and appr. 8 mm in the full load position (Fig. M 31 S/6).

**Note:** A minimum distance of appr. 8 mm in the full load position is necessary, since otherwise there is a danger that the accelerator pedal may come to rest against the rubber floor mat too early with the result that the throttle valves are not fully opened.

The check must be made by a second mechanic.

The distance of appr. 85 mm in the idle position is necessary for correct foot position.



2. To correct the position of the accelerator pedal (1) check the length of the pull rod (12). The distance from ball cup connector center to ball cup connector center must be 84 mm. After adjustment lock the ball cup connectors (11) by means of the hexagon nuts.
  3. Check the length of the push rod (8). The distance from bolt center on lever of control shaft (10), to ball cup connector center must be 393 mm. After adjustment lock the ball cup connectors (9) by means of the hexagon nuts.
  4. After adjustment of the push rod and pull rod recheck the position of the accelerator pedal (1).
- Note:** If after adjustment the distance is still not correct check whether the accelerator pedal (1) is bent. If that is the case the pedal must be straightened.