

Turn Signal Switch adjustment

1963 thru 1968 Sunbeams using LUCAS repair kit # 54325591

- Tiger Tom (7-26-18)

British cars using this repair kit design have a high turn signal mechanism failure rate, in part, because of a design factors. The failures are exacerbated by miss adjustment, especially when replacement plastic arms are installed.

This tech tip focuses on the critical details required to adjust the canceling “Striker plate” to reduce turn signal switch failures.

This tip assumes the turn signal assembly has the turn signal kit correctly installed and mounted on the steering column. That means:

- no play in the pivot pin
- a dab of synthetic grease on arms
- the complete mechanism is mounted securely on the steering column with no play of the switch assembly
- the arms snap positively and with equal force from center position to activation in both directions (Up and Down), and finally,
- the cancelling “STRIKER BLADE” is centered between the two plastic arms when the steering wheel is centered.

The basic tool needed for this tip is a robust needle nose pliers. Finesse and attention to detail is important. Your mission is to assure the STRIKER BLADE has the minimum contact to just barely activate the arm in the “cancel direction” to center the arms.

Step 1. Bend STRIKER BLADE so that it does NOT cancel.

Step 2. Bend STRIKER BLADE so it just barely cancels when turned slowly.

Step 3. Adjust cancel in opposite direction. See step 2.

Step 4. Twist STRIKER BLADE so Step 2 is equal in both directions.

