

# Subsequent Installation of Guard Plates

Job No.
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52 — 1
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(Optional, SA 10 146/1)

## A. General

The pedal system and the front part of the fuel and brake fluid lines are protected by a guard plate on the standard model.

For cars which operate under unfavorable conditions and on rough roads, an additional set of guard plates has been designed. These plates give under-chassis protection against damage to the front axle support, the radiator, the oil pan, the transmission, the rear axle and the fuel and brake fluid lines etc. and prevent sand and dirt from penetrating.

This protective system consists of several parts which can be subsequently ordered and fitted, either individually or as a complete assembly.

The assembly consists of the following parts:

- a) Protective plate for front axle support and oil pan
- b) Cover plates for radiator
- c) Cover caps at sides for front axle support
- d) Guard plate for brake master cylinder
- e) Guard plate for clutch and transmission
- f) Protective rails for the brake lines and the fuel lines
- g) Guard plates for the step bearings of the torque arm mounting
- h) Guard plate for the rear axle (with towing hook)
- i) Rubber grommet for sealing the channel of the flexible drive shaft (speedometer drive) in the right fork support.

**Note:** The guard plate for clutch and transmission must be removed from time to time and cleaned since it is impossible to prevent mud and sand from collecting under this plate.

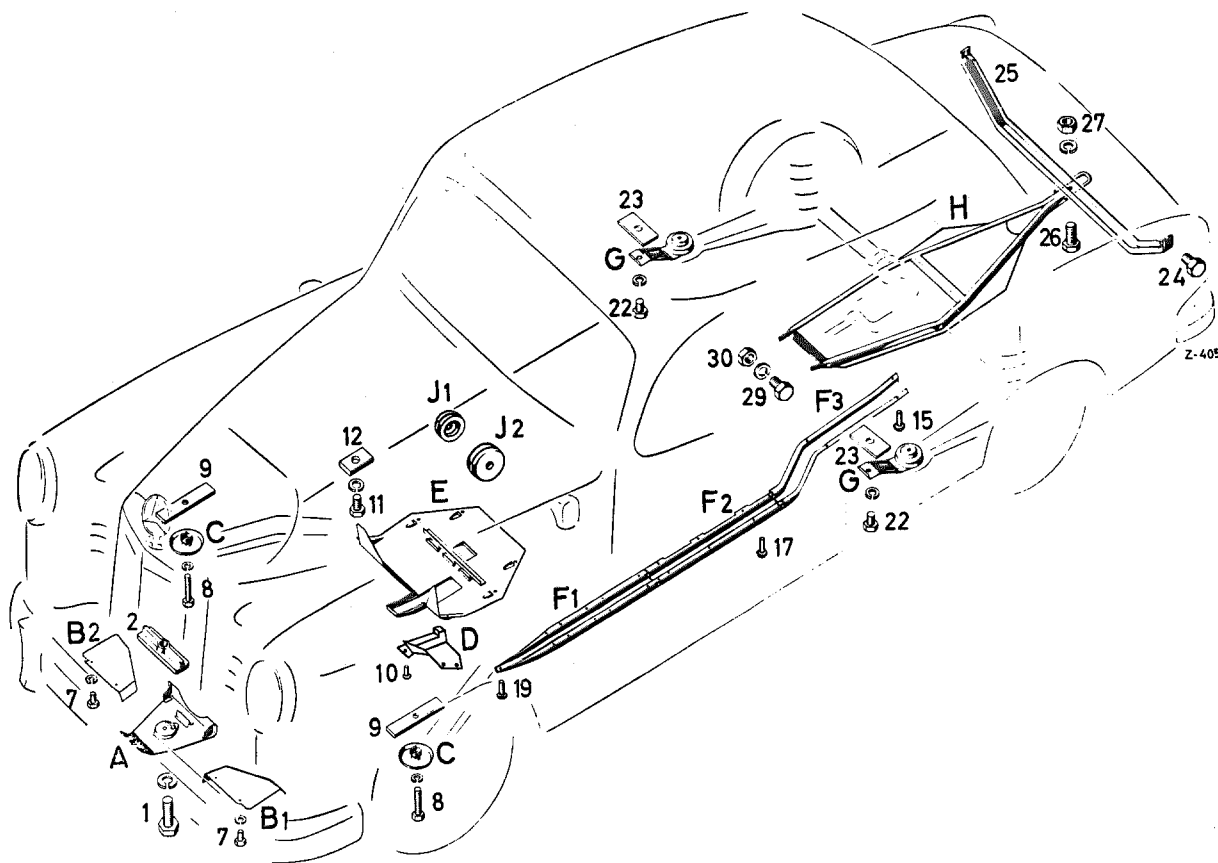


Fig. 52 — 1/1

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|---|--------------------------------------|
| A Protective plate for oil pan and front axle support       | 8 Hexagon screw M 6×35               |
| B1 Cover plate for radiator, left                           | 9 Fixing plate 120 331 01 75         |
| B2 Cover plate for radiator, right                          | 10 Oval-head tapping screw Z 3.9×9.5 |
| C Cover caps for the two openings in the front axle support | 11 Hexagon screw M 8×15              |
| D Guard plate for brake master cylinder                     | 12 Reinforcing plate 120 524 01 12   |
| E Guard plate for clutch and transmission                   | 15 Oval-head tapping screw S 4.2×9.5 |
| F1 Protective rail, front                                   | 17 Oval-head tapping screw S 4.2×9.5 |
| F2 Protective rail, center                                  | 19 Oval-head tapping screw S 4.2×9.5 |
| F3 Protective rail, rear                                    | 22 Hexagon screw M 8×12              |
| G Guard plate for torque arm mounting                       | 23 Reinforcing plate 120 352 02 60   |
| H Guard plate for rear axle                                 | 24 Hexagon screw M 10×30             |
| J1 Rubber grommet, inner                                    | 25 Supporting sling                  |
| J2 Rubber grommet, outer                                    | 26 Hexagon screw M 10×20             |
| 1 Hexagon screw M 10×25                                     | 27 Hexagon nut M 10                  |
| 2 Fixing plate 180 331 00 75                                | 29 Hexagon screw M 10×20             |
| 7 Oval-head tapping screw S 4.8×9.5                         | 30 Hexagon nut M 10                  |

## B. Installation of Guard Plates

### a) Protective Plate for Front Axle Support and Oil Pan

1. Hold the protective plate (A) against the front axle support and check for fitting; if necessary, adjust (see Fig. 52 — 1/2).

**Note:** Recently, an extended protective plate, Part No. 121 330 03 83, has been brought into use. This plate affords protection over the whole length of the oil pan. This protective plate is shown in broken lines in Fig. 52 — 1/2.

2. Insert the hexagon screw (1) M 10 × 25 with lock washer in the bore of the protective plate (A) from underneath (see Fig. 52 — 1/1) and screw the fixing plate (2) from the other side, about 3 turns onto the hexagon screw (1).