



# RENAULT All types

Type and version

S/Section

All types

85

06

*This note cancels and replaces Technical Note 1953*

85

## REMOVING WIPER ARM

Other sub-section concerned :

06

• Engine: XXX

• Gearbox : XXX

Basic manual :

M.R. ALL TYPES

T.N. 2142

This note covers :

- The new tool for removing wiper arms Elé 1294-01.
- The hinged wiper arms on the Safrane.
- the new tightening torques for wiper arms.

The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared

The methods may be modified as a result of changes by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed"

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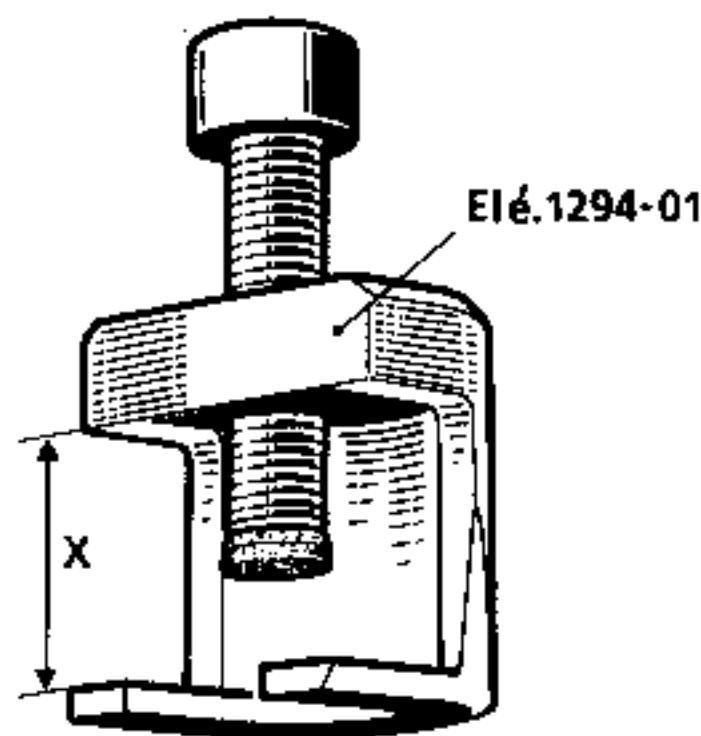
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### TOOL FOR REMOVAL

In order to be able to remove the hinged wiper arm on the Safrane tool Elé. 1294 has been replaced by tool Elé 1294-01 (dimension X increased)



96826R

### Reminder

When removing it is essential to :

- Clean the splines on the shaft and arm.
- Replace the arm in the same position.
- Change the nut and retighten it to the specified torque.

### Hinged arm on Safrane

In future Safrane wiper arms will be hinged. The arm hinge mechanisms will be above the bonnet. (The arms can therefore be lifted with the bonnet closed so that the windscreen can be washed.)

This type of arm will gradually replace the old arm as a spare part.

It will be necessary to use tool Elé 1294-01 to remove it (base of arm is thicker).

### NEW TIGHTENING TORQUES

Vehicle	Front wiper arm $\pm 15\%$	Rear wiper arm $\pm 10\%$
R5/Extra	11 N.m	10 N.m
Twingo	main 16,5 N.m secondary 12 N.m	12 N.m
Clio	15 N.m	15 N.m
R19	17 N.m	18 N.m
R21	20 N.m	20 N.m
R25	20 N.m	20 N.m
Laguna	16.5 N.m	20 N.m
Safrane	18 N.m	20 N.m
Espace	12 dia. 18 N.m 14 dia. 40 N.m	12 N.m
Trafic	20 N.m	—
Master	20 N.m	—

**ATTENTION :** These torques should be used only when refitting an arm and should not be used when simply checking the arm without removing it.