



**Haynes**  
shows you how

**BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.**

## 15 Wiper arm - removal and installation

### Removal

- 1 Operate the wiper motor then switch it off so that the wiper arm returns to the “at rest” position.
- 2 Stick a piece of masking tape along the edge of the wiper blade to use as an alignment aid on installation.
- 3 Pry off the wiper arm spindle nut cover then remove the spindle nut. Lift the blade off the glass and pull the wiper arm off its spindle. If necessary the arm can be levered off the spindle using a suitable flat-bladed screwdriver or suitable puller (see illustration) . **Note:** *If both windshield wiper arms are to be removed at the same time, mark them for identification; the arms are not interchangeable.*

#### 15.3 Remove the wiper spindle nut and pull or pry off the wiper arm



### Installation

- 4 Ensure that the wiper arm and splines are clean and dry then install the arm to the spindle, aligning the wiper blade with the tape installed on removal. Note that if the knurled-tapered sleeves on the arms are loose, they must be replaced. Install the spindle nut, tightening it to the torque listed in [this Chapter's Specifications](#) , and clip the nut cover back in position. If the wipers are being installed to a new front windshield, position the wipers arms as shown (see illustration) .

**15.4 The distance from the top edge of the wiper blade to the top edge of the trim should be 44 mm on the driver's side, and 24 mm on the passenger side**



© 2024 Haynes Manuals, Inc. Contact us