

AR82.30-P-6100-01T	Adjust wiper arms		
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MODEL 140, 170, 171, 172, 203 up to 5/31/03, 211, 215, 217, 220, 222, 230, 231, 240

Test and adjustment values of wiper arms

Number	Designation			MODEL 140	MODEL 170
BE82.30-P-1003-01E	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	-3,0...-7,0	+2,0...+6,0
		Right-hand drive vehicle	∠°	+3,0...+7,0	-2,0...-6,0

Test and adjustment values of wiper arms

Number	Designation			MODEL 171	MODEL 172
BE82.30-P-1003-01E	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,0...+6,0	+2,0...+6,0
		Right-hand drive vehicle	∠°	-2,0...-6,0	-2,0...-6,0

Test and adjustment values of wiper arms

Number	Designation			MODEL 203.2	MODEL 203.0/7
BE82.30-P-1003-01E	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	+1,5...+5,5	+1,5...+5,5
		Right-hand drive vehicle	∠°	-1,5...-5,5	-1,5...-5,5

Test and adjustment values of wiper arms

Number	Designation			MODEL 211.2	MODEL 211.0/6
BE82.30-P-1003-01E	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,5...+6,5	+2,5...+6,5
		Right-hand drive vehicle	∠°	-2,5...-6,5	-2,5...-6,5

Test and adjustment values of wiper arms

Number	Designation			MODEL 215	MODEL 220
BE82.30-P-1003-01E	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,0...+6,0	+2,0...+6,0
		Right-hand drive vehicle	∠°	-2,0...-6,0	-2,0...-6,0

Test and adjustment values of wiper arms

Number	Designation			MODEL 230	MODEL 240
BE82.30-P-1003-01E	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,0...+6,0	+3,0...+5,0
		Right-hand drive vehicle	∠°	-2,0...-6,0	-3,0...-5,0

Wiper arm test and adjustment values

Number	Designation			MODEL 231
BE82.30-P-1003-01L	Angle of incidence of driver-side wiper arm in parked position	Left-hand drive vehicle	∠°	+3...+5
		Right-hand drive vehicle	∠°	-3...-5

Test and adjustment values for wiper arm

Number	Designation			MODEL 217	MODEL 222
BE82.30-P-1003-01M	Angle of incidence of wiper arm on driver-side in parked position	Left-hand drive vehicle	∠°	+3,6...+5,4	+3,6...+5,4
		Right-hand drive vehicle	∠°	-3,6...-5,4	-3,6...-5,4

Test and adjustment values of wiper arms

Number	Designation			MODEL 140	MODEL 170
BE82.30-P-1004-01E	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	-3,0...-7,0	+2,0...+6,0
		Right-hand drive vehicle	∠°	+3,0...+7,0	-2,0...-6,0

Test and adjustment values of wiper arms

Number	Designation			MODEL 171	MODEL 172
BE82.30-P-1004-01E	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	+4,0...8,0	+4,0...+8,0
		Right-hand drive vehicle	∠°	-4,0...-8,0	-4,0...-8,0

Test and adjustment values of wiper arms

Number	Designation			MODEL 203.2	MODEL 203.0/7
BE82.30-P-1004-01E	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,5...+6,5	+2,5...+6,5
		Right-hand drive vehicle	∠°	-2,5...-6,5	-2,5...-6,5

Test and adjustment values of wiper arms

Number	Designation			MODEL 211.2	MODEL 211.0/6
BE82.30-P-1004-01E	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,5...+6,5	+2,5...+6,5
		Right-hand drive vehicle	∠°	-2,5...-6,5	-2,5...-6,5

Test and adjustment values of wiper arms

Number	Designation			MODEL 215	MODEL 220
BE82.30-P-1004-01E	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,0...+6,0	+2,0...+6,0
		Right-hand drive vehicle	∠°	-2,0...-6,0	-2,0...-6,0

Test and adjustment values of wiper arms

Number	Designation			MODEL 230	MODEL 240
BE82.30-P-1004-01E	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	+2,0...+6,0	+3,0...+5,0
		Right-hand drive vehicle	∠°	-2,0...-6,0	-3,0...-5,0

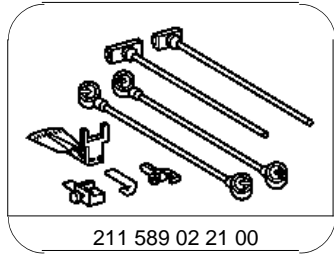
Wiper arm test and adjustment values

Number	Designation			MODEL 231
BE82.30-P-1004-01L	Angle of incidence of passenger-side wiper arm in parked position	Left-hand drive vehicle	∠°	+3...+5

		Right-hand drive vehicle	∠°	-3...-5
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Test and adjustment values for wiper arm

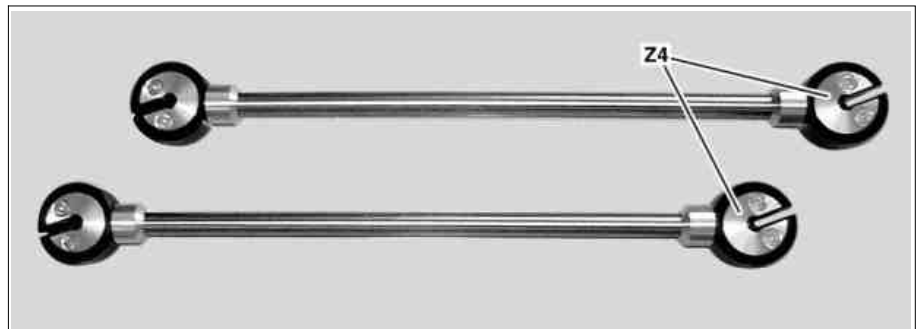
Number	Designation			MODEL 217	MODEL 222
BE82.30-P-1004-01M	Angle of incidence of wiper arm on front passenger side in parked position	Left-hand drive vehicle	∠°	+3,4...+5,6	+3,4...+5,6
		Right-hand drive vehicle	∠°	-3,4...-5,6	-3,4...-5,6



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Adjusting tool set

i The setting of the angle of incidence on the driver-side wiper arm and passenger-side wiper arm is always done in the park position and only when the check values differentiate from the tolerance range in the reverse or park position. In doing so, the driver-side wiper arm or front passenger-side wiper arm is distorted by at least the value of the tolerance deviation in reversing position.
 Use adjustment levers (Z4) from adjustment tool set.



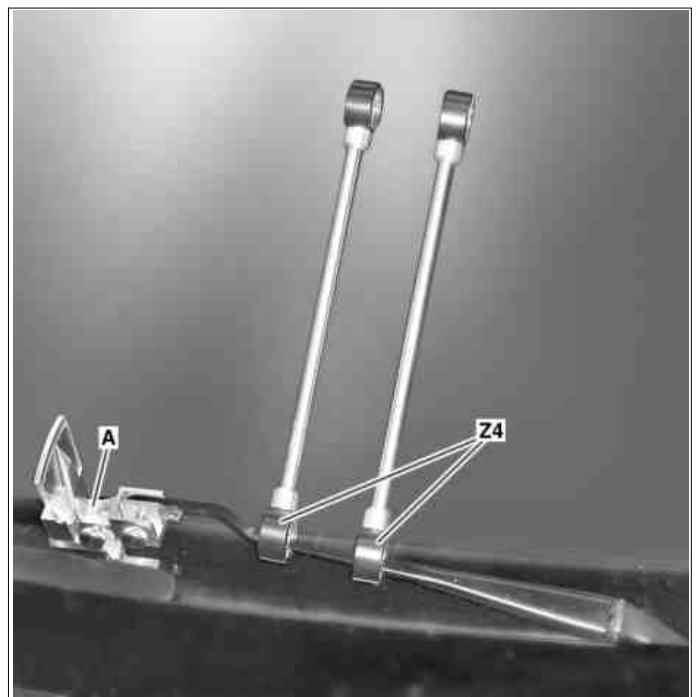
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- Install angle gauge (A) with adapter on wiper arm to be adjusted.
- Lower wiper arm to be adjusted until all three support points on the base of angle gauge (A) make contact with the windshield.
- Place adjustment levers (Z4) as far from each other as possible on the wiper arm to be adjusted.

i The wiper arm is twisted with the aid of the adjustment lever (Z4) that was positioned close to the angle gauge (A). The second adjustment lever (Z4) is used as a counterholder.



- Press adjustment lever (Z4) in required direction until the wiper arm to be adjusted is at least distorted by the value of the tolerance deviation in the reversing position.

Shown with driver-side wiper arm in park position, MODEL 203

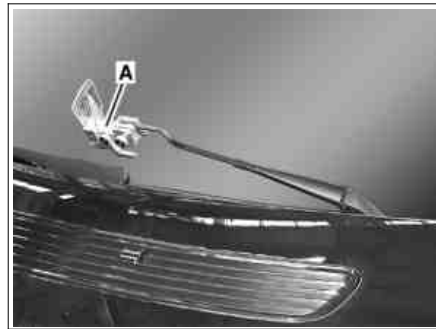


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- Remove adjustment lever (Z4) from wiper arm to be adjusted.

- 6 Read off angle of incidence for adjusted wiper arm on scale of  angle gauge (A), write it down, and compare it to the test and adjustment values.
- 7  Detach angle gauge (A) with adapter from adjusted wiper arm.

Shown with driver-side wiper arm in park position, MODEL 203



P82.30-2307-01