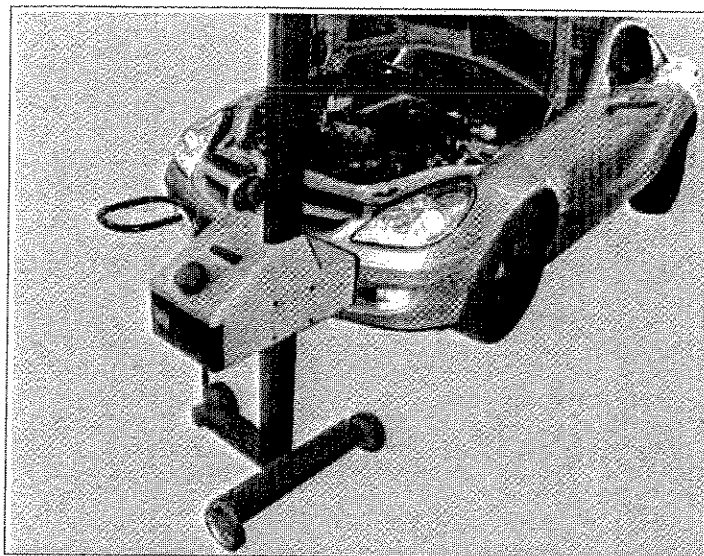





MODEL 171, 172

Model 171 shown



P82.10-3462-11

☐	Check		
⚠ Danger !	Risk of death due to high voltage in xenon headlamps. Risk of explosion /risk of fire caused by highly flammable materials in the vicinity of damaged xenon bulbs. Risk of injury caused by UV light, hot components at xenon headlamps and glass splinters produced by bursting xenon bulbs. Risk of poisoning caused by inhalation of mercury vapors and by toxic salts and mercury compounds being ingested or coming into contact with skin	Do not touch parts conducting high voltage. Persons with active electronic implants (e.g. cardiac pacemakers) must never work on xenon headlamps. Switch off the entire lighting system. Wear insulated safety shoes, safety glasses and protective gloves. Remove highly inflammable materials from the hazard area. Ensure sufficient ventilation in the working area.	AS82.10-Z-0001-01A
⚠ Danger !	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
1	Park the vehicle on a horizontal, level surface		
2	Put vehicle in read-to-drive condition	i Vehicle in ready-to-drive condition means: <ul style="list-style-type: none"> - Curb weight - Correct tire pressure - Vehicle at normal level - Steering is in straight-ahead position 	
3 🔧 AR	Open engine hood		AR88.40-P-1000V
4 i	Prepare headlamp aimer Notes on determining headlamp aiming values	i Align headlamp aimer approx. 10 to max. 30 cm in front of the headlamps parallel to the vehicle at the height of the light source. Adjust specified headlamp inclination on scale of headlamp aimer. Headlamp aimer <i>gotis://E 82 01.0</i>	AH82.10-P-1005-01A
5	Occupy driver seat with a person or load the seat with 75 kg	On vehicles with halogen headlamps and without level control system at front and rear axle	
6	Check fill level of fuel tank	On vehicles with halogen headlamps and without level control system at front and rear axle	

		 If fuel tank is not full, compensate for missing weight by placing appropriate additional weights in luggage compartment.	
7	Switch on low beam at exterior lights switch	 Turn signals, rear fog lamp may not be switched on!	
8	Check headlamp range control for proper function	For vehicles with halogen headlamps, after completion of function test of headlamp range adjustment: ↓ Move headlamp range controller to 0 position.	AP82.10-P-8250EW
9	Switch on ignition		
10	Check low beam setting and adjust if necessary	On vehicles with xenon or LED headlamps: ↓ Conduct zero position adjustment of headlamp subject to separate repair order.	AP82.10-P-8260-01V
11	Check setting of high beam		AP82.10-P-8260-02V
12	Check fog lamp setting and adjust if necessary	On vehicles with front fog lamps	AP82.10-P-8260-04V
13	Switch off lights and ignition	 Put vehicle back in its original condition.	
14	Adjust headlamp range controller to load condition	On vehicles with halogen headlamps	
15	Close engine hood		AR88.40-P-1000V

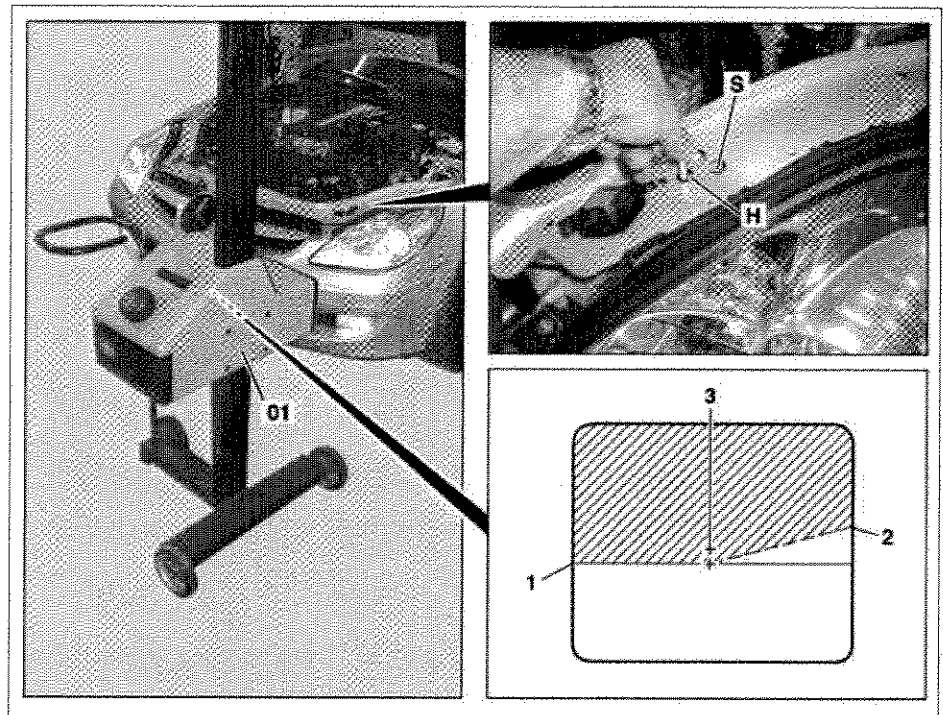
 AR

AP82.10-P-8260-01V	Set low beam		
⚠ Danger !	Risk of death due to high voltage in xenon headlamps. Risk of explosion /risk of fire caused by highly flammable materials in the vicinity of damaged xenon bulbs. Risk of injury caused by UV light, hot components at xenon headlamps and glass splinters produced by bursting xenon bulbs. Risk of poisoning caused by inhalation of mercury vapors and by toxic salts and mercury compounds being ingested or coming into contact with skin	Do not touch parts conducting high voltage. Persons with active electronic implants (e.g. cardiac pacemakers) must never work on xenon headlamps. Switch off the entire lighting system. Wear insulated safety shoes, safety glasses and protective gloves. Remove highly inflammable materials from the hazard area. Ensure sufficient ventilation in the working area.	AS82.10-Z-0001-01A

MODEL 171, 172

Model 171 shown

- 01 Headlamp aimer
- 1 Broken line
- 2 Line
- 3 Central mark
- H Adjustment screw for height adjustment
- S Adjustment screw for side adjustment



P82.10-3477-06

- 1 Check adjustment of low beam headlamps.

For the height adjustment the light-dark boundary of the light beam must be coincident with the horizontal separating line (1) in the headlamp aimer (01). When carrying out the lateral setting, the bent line (2) of the light bundle must lie below the central mark (3) and start on the horizontal broken line (1).

- 2.2 For vehicles equipped with xenon or LED headlamps, when low beam headlamp setting is not OK Conduct zero position adjustment of headlamp subject to separate repair order.

To do so, connect STAR DIAGNOSIS and perform zero position adjustment of axle and level sensors.

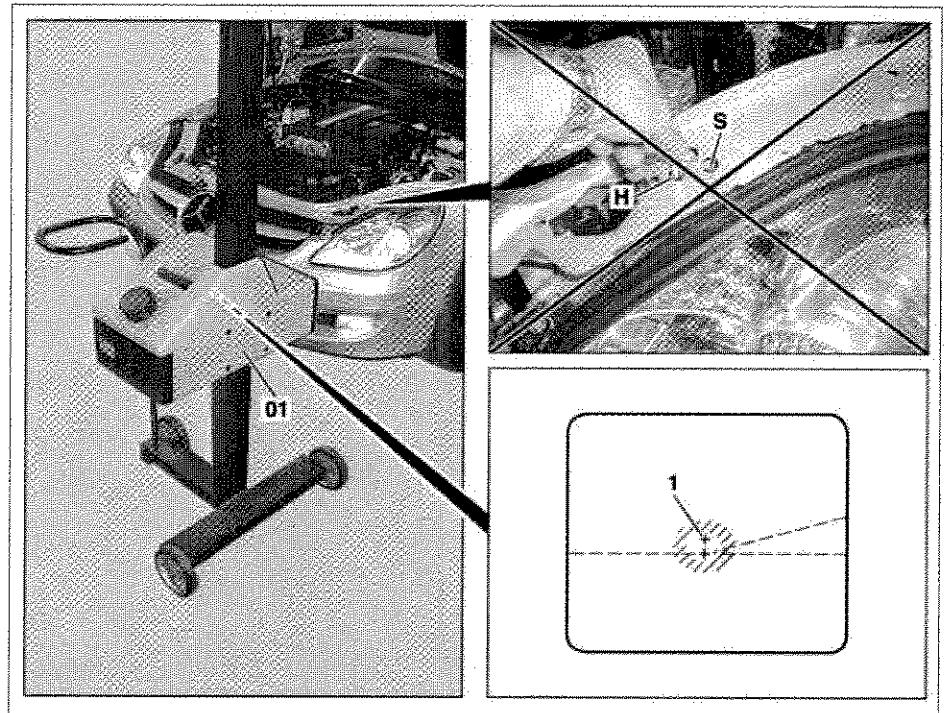
- 2.1 For vehicles equipped with halogen headlamps, when low beam headlamp setting is not OK Correct adjustment of low beam headlamps by turning the adjustment screws (H, S).

AP82.10-P-8260-02V	Check setting of high beam		
<p>⚠ Danger !</p>	<p>Risk of death due to high voltage in xenon headlamps. Risk of explosion /risk of fire caused by highly flammable materials in the vicinity of damaged xenon bulbs. Risk of injury caused by UV light, hot components at xenon headlamps and glass splinters produced by bursting xenon bulbs. Risk of poisoning caused by inhalation of mercury vapors and by toxic salts and mercury compounds being ingested or coming into contact with skin</p>	<p>Do not touch parts conducting high voltage. Persons with active electronic implants (e.g. cardiac pacemakers) must never work on xenon headlamps. Switch off the entire lighting system. Wear insulated safety shoes, safety glasses and protective gloves. Remove highly inflammable materials from the hazard area. Ensure sufficient ventilation in the working area.</p>	AS82.10-Z-0001-01A

MODEL 171, 172

Model 171 shown

- 01 Headlamp aimer
- 1 Central mark
- H Height adjusting screw
- S Side position adjusting screw



P82.10-3478-06

i The center of the light beam must be positioned on the central mark (1) in the headlamp aimer (01).

1 **⏪** Check setting of high beam.

i In event of deviation, check that bulb is seated correctly in headlamp.

i Do **not** make any correction to the adjustment screws for the headlamp height adjustment (H) and the adjustment screws for the headlamp side adjustment (S), as this would adjust the previously set low beam.