

71 63 151 Installing LED turn signal light

+ 71 63 651

Preparatory work

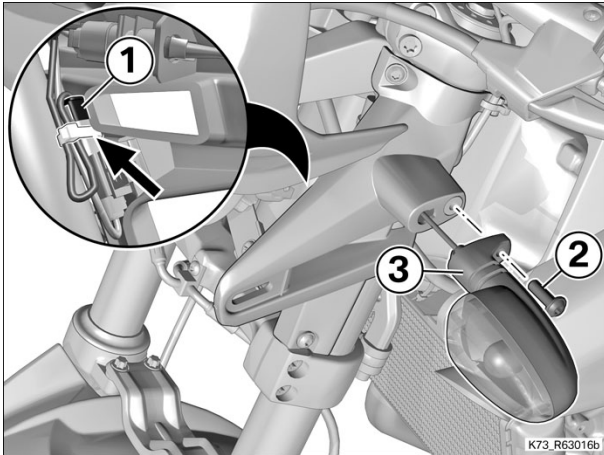
=> Removing and installing the rear-wheel stand special tool (motorcycles without centre stand) (Description in item: 46 52 510, Billed as a separate item)

Removing headlight

Removing seat

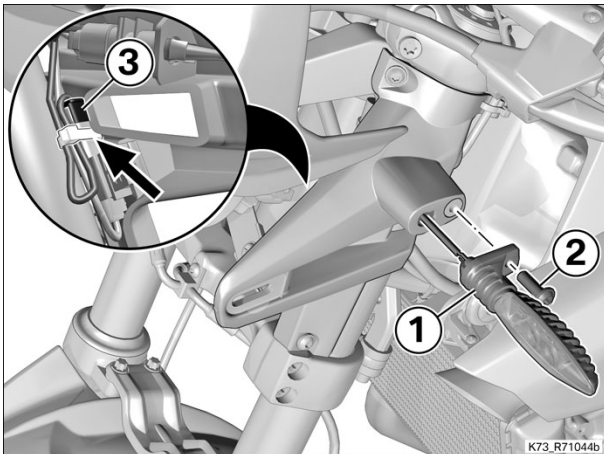
Core activity

(-) Removing flashing turn indicator with cable and plug



- Open the cable tie (arrow).
- Disconnect plug (1).
- Remove screw (2).
- Remove flashing turn indicator (3), carefully working the plug clear of the motorcycle.

(-) Installing complete LED front flashing turn indicators



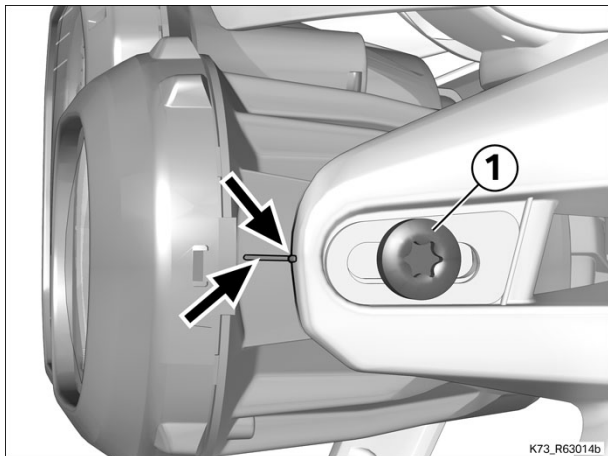
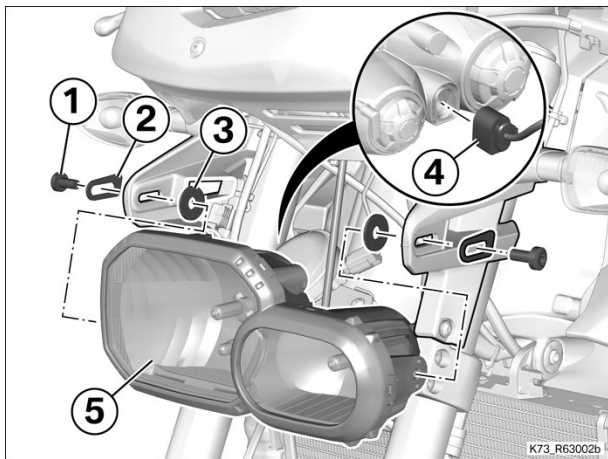
- On each side, work the LED turn-indicator cable complete with plugs into position.
- Hold turn indicator (1) in position and install screw (2).

Tightening torques		
Flashing turn indicator to headlight housing		
M6 x 20	3 Nm	


- Connect plug (3) and use a cable tie (arrow) to loop back the excess length of cable at the point of disconnection.

(-) Installing headlight

- Connect plug (4) and install headlight (5) with rubber washers (3).
- Install screws (1) with profile washers (2) and tighten until hand-tight.



- Adjust the headlight with the aid of the marks (arrows) and tighten screws (1).

 Tightening torques		
Headlight to headlight bracket		
M8 x 16	8 Nm	

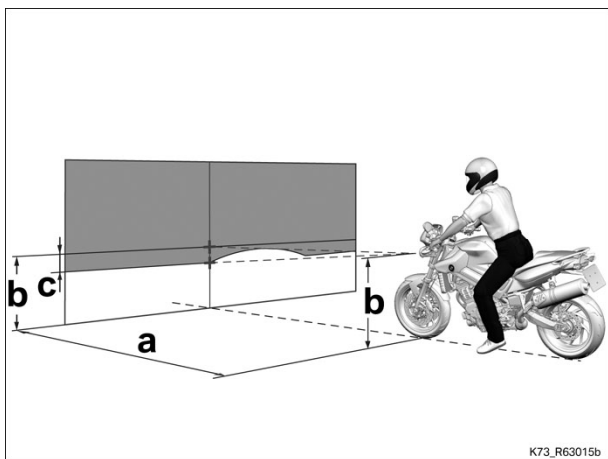
» The marks (arrows) are for provisional adjustment only.


► **Checking headlight beam throw**

- Stop the motorcycle on a smooth, level surface.
- Set the spring preload to the basic setting.
- Apply the rider's weight to the motorcycle.

Test

- Settings for headlight beam throw aiming device:
 - (a): Distance between headlight and vertical surface
 - (b): Height of centre of headlight
 - (c): Distance to light/dark cut-off



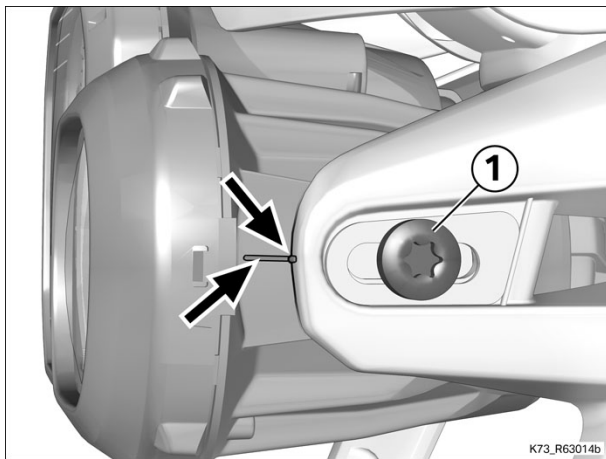
 Technical data			
Distance between headlight and vertical surface		10 m	
For headlight adjustment			
Distance between light/dark cut-off and mark at height of centre of headlight	Suspension set to basic setting and motorcycle loaded with 85 kg	15 cm	

Result: Headlight beam angle not correct.


Measure:

▷ **Correcting headlight beam angle**


- Start the engine.
- Apply the rider's weight to the motorcycle.



- Bear in mind the setting for spring-strut preload.
- Slacken screws (1) on left and right **slightly**.
- » The headlight can be moved; apply sufficient pressure to overcome the slight resistance.
- Adjust the height of the beam throw by tilting the headlight housing.

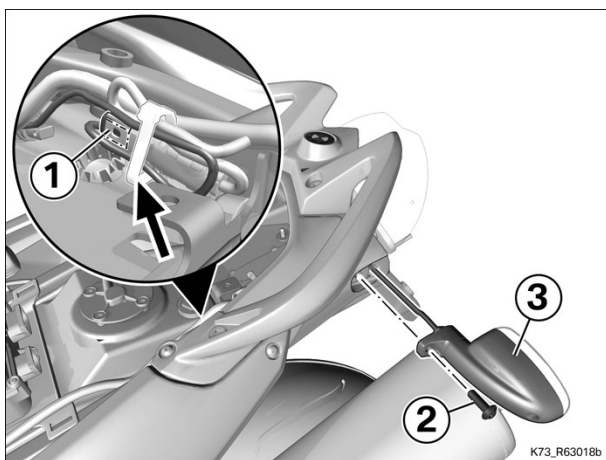
 Technical data			
Distance between light/dark cut-off and mark at height of centre of headlight	Suspension set to basic setting and motorcycle loaded with 85 kg	15 cm	

- » The marks (arrows) are for provisional adjustment only.
- If necessary, adjust lateral throw by pivoting the headlight housing.
- Tighten screws (1) on left and right.

 Tightening torques		
Headlight to headlight bracket		
M8 x 16	8 Nm	

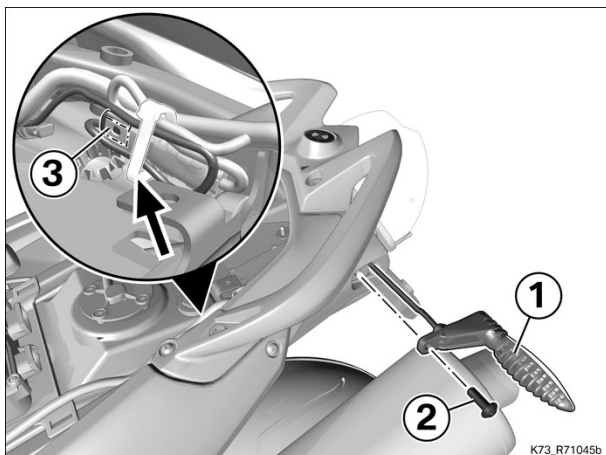


(-) Removing rear flashing turn indicator




- Open cable tie (arrow).
- Disconnect plug (1).
- Remove screw (2).
- Remove flashing turn indicator (3), carefully working the plug clear of the motorcycle.

(-) Installing complete LED rear flashing turn indicators



- On each side, work the LED turn-indicator cable complete with plugs into position.
- Hold turn indicator (1) in position and install screw (2).

 Tightening torques		
Flashing turn indicator to rear trim panel		
M6 x 20	3 Nm	

- Connect plug (3) and use a cable tie (arrow) to loop back the excess length of cable at the point of disconnection.

Finishing work

Preparing motorcycle for **CIP** (coding, individualisation and programming)

Installing seat

Final check of work performed