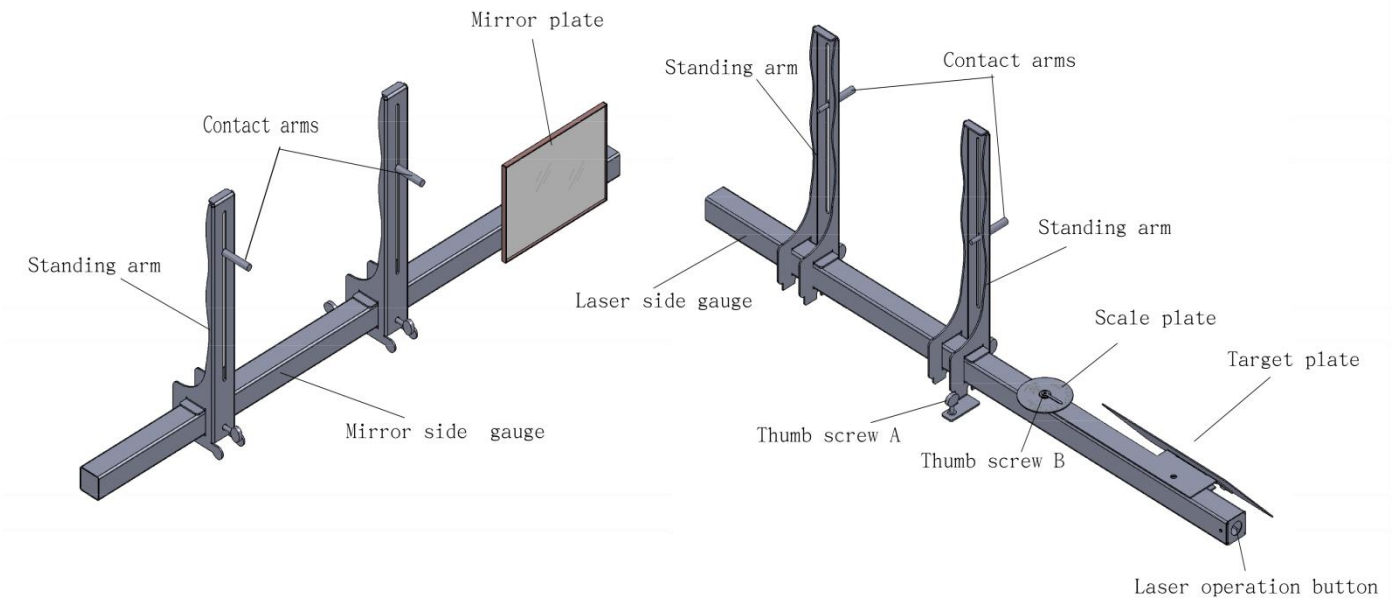
Instruction of JA1000WH

Laser Wheel Alignment Gauge



Preparation

1. Ensure the vehicle is standing on level ground and that the tire pressure is correct.
2. Place the Laser side Gauge against the offside front wheel.
3. Adjust the height of the Contact arms for the Laser side Gauge as near as possible to the wheel center.
4. Adjust the width of the two Standing arm for the laser side gauge so that the contact arms are the same width as the wheel rim.

Calibration

1. Move the Laser side Gauge away from the wheel and place on a level surface.
2. Place the Mirror side Gauge opposite the Laser side Gauge. Adjust the contact arms on the mirror side to the same height and width you have set for the Laser side by the four Contact arms touching.
3. Turn on the Laser operation button and the beam will project on to the mirror and return to the Target plate. If the laser beam is not on the Mirror, the angle of projection can be adjusted by thumb screws A on the Laser side gauge.
4. If the laser beam is on the Mirror but not return on the Target plate, the angle of projection can be adjusted by thumb screws A on the Mirror side gauge.
5. After the above step, when the laser beam is on the target plate but not on the center white line of the Target plate, turn around the scale plate to adjust it. Check that the pointer is exactly over the zero of the scale plate. If the pointer is not exactly on zero, the Scale plate may be adjusted by slackening the thumb screw B and turn the pointer until the reading is exactly zero. Then re-tighten thumb screw B.

Operation

1. Place the Laser side Gauge against the offside front wheel of the vehicle with both contact arms just touching the wheel rim.
2. Place the Mirror side Gauge against the near side front wheel with both contact arms just touching the wheel rim.
3. Turn on the Laser button and the laser beam will project across the front of the vehicle, on to the Mirror, and back on to the Target plate.
4. Turn around the Scale plate until the laser beam is on the center line of the target plate. Be careful when adjusting the Scale plate, not to disturb the positioning of the gauge against the wheel rim.
5. When the Laser beam is exactly on the center line of the Target plate, the combined toe angle (tracking) of the vehicle can be read directly from the Scale plate in degrees/minutes, (each division on the Scale plate is 10 minutes)
6. To allow for possible lateral run out of the wheels, move the vehicle forwards until the wheels have turned 180°(one half of one revolution) and repeat the procedure.
7. If there is any difference in the result, average the two readings. Then check with the vehicle manufacturer's recommended tolerance.

Important Notes

1. We recommend that any adjustments to tracking should only be carried out by competent person.
2. Never point the laser beam at a person.
3. Never stare into the laser beam.
4. Park with the front wheels pointing straight ahead.

TOBY

Shenzhen Toby Technology Co., Ltd.

10/F., A Block, Jiada R & D Bldg., No.5 Songpingshan Road,
Science & Technology Park, Nanshan District, Shenzhen, China

CERTIFICATE OF CONFORMITY

No.: TB12042851

Applicant	:	
Address	:	
Manufacturer	:	
Address	:	
Product	:	Laser
Models	:	FU63511L5-GC15,FU650AD5-C4,FU650AD5-C8,FU635AD5-C9, FU650L5-BD10,FU650C5-BD12,FU63511L100-BD16, FU63511L5-BD22,FU63511C5-BD22,FU65011L100-BD22, FU-TSDZ,FU-MINI02,FU-MINI03,FU-LPT-012,FU-LPT-021, FU-LPT-031,FU-LPT-041,FU-PD-23,FU-PD-54,FU-PD-56, FU-PD-58,TM330,TM550,FU-GC3008,FU-GC3005A
Laser Class	:	Class 2

Test Standards:

EN 60825-1:2007.

The EUT described above has been tested by us with the listed standards and found in compliance with Directive 2006/95/EC, It is possible to use CE marking to demonstrate the compliance with these LVD Directives.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the Laser test report number: TB-LA123790.

CE

(Manager)
Apr.17, 2012