

KTC TIRE AIR GAUGE (AGT231, AGT232) Instruction Manual

Thank you for purchasing KTC Tire Air Gauge (AGT231, AGT232). To use the instrument safely and appropriately, please be sure to read this handling instruction before use. (Please store it with the instrument.)

This is a measuring instrument used for adjustment of air pressure of car tires (measurement, compression, decompression).

Cautions in Handling

- This gauge is provided with air coupler (20PM made by Nitto Kohki Co., Ltd.) as a standard equipment.
- When replacing air coupler, fix the adaptor with box end wrench to protect the packing between the grip and the adaptor.
- Do not use anything other than air from the air compressor.
- Use clean air. (Remove water from air compressor tank and air filter.)
- Do not disassemble or scratch the instrument.
- Do not use near fire, or in place where water or oil may be splashed. It may cause failure.
- Look at the gauge front ways to read measurement.
- Do not use gasoline, thinner, etc., for cleaning the gauge to avoid deformation.
- If dropped or cracked, or depending on the condition of use, check the accuracy of the gauge.
- Compress within the standard range of air pressure of the tire. Compressing beyond the range may cause tire blowout.

Application

AGT231

- Applicable to passenger cars or commercial vans (Max. measurable value: 500 kPa)

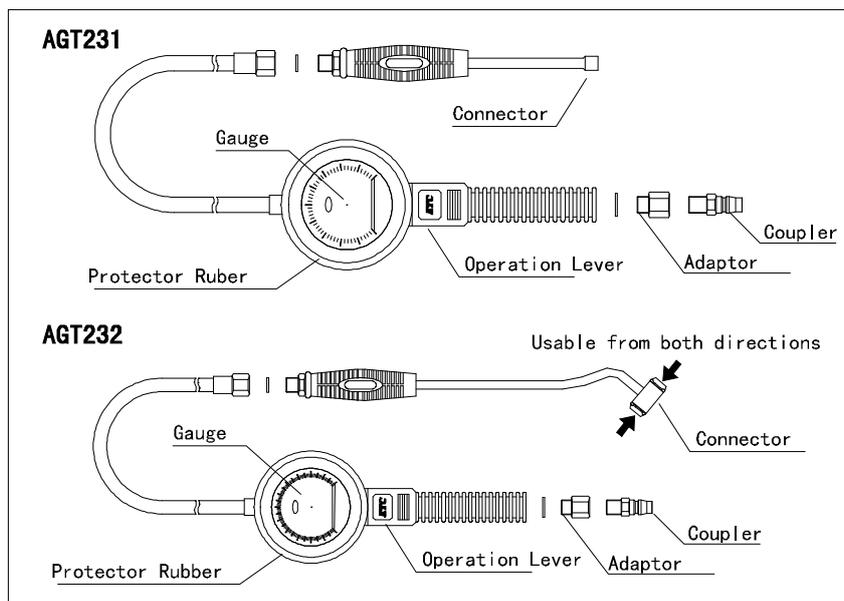
AGT232

- Applicable to motorcycles, passenger cars, trucks and buses (Max. measurable value : 1200 kPa)

Specifications

No.	Measurement Range	Minimum Scale Value	Main Body Length x Width x Height (Including Adaptor)	Connector Length (Including Hose)	Weight	Connector Shape
AGT231	0~500kPa (0~5kgf/cm ²)	10kPa (0.1kgf/cm ²)	270 × 100 × 95mm	670mm	800g	Straight
AGT232	0~1200kPa (0~12kgf/cm ²)	10kPa (0.1kgf/cm ²)	270 × 100 × 95mm	750mm	800g	Double

Shape and Names of Parts

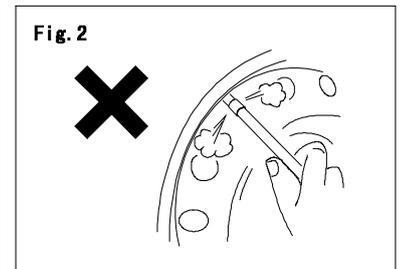
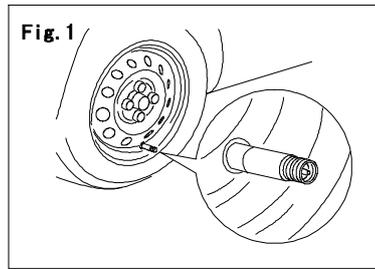


How to Use

Air Pressure Measurement

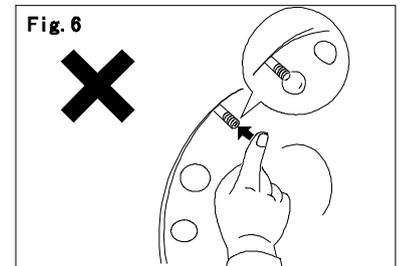
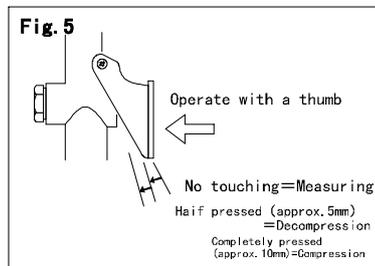
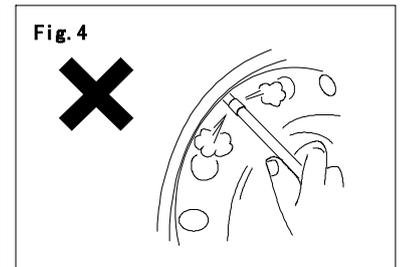
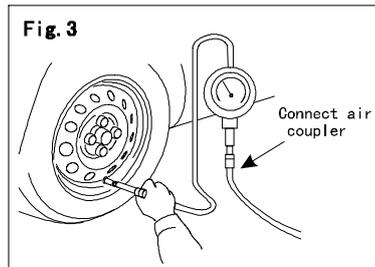
- ① Remove valve cap. (Fig.1)
- ② Press the valve with the connector avoiding air leakage from between tire valve and connector (Fig.2).

(Note) Do not move the operation lever.



Compression / Decompression (Air Pressure Adjustment)

- ① Attach air hose. (Fig.3)
- ② Remove the valve cap.
- ③ Press the tire valve avoiding air leakage from between the valve and the connector (Fig.2).
- ④ Press the operation lever half way (approx. 5 mm) to decompress. (Fig.5)
- ⑤ Press the operation lever completely (approx. 10 mm) to compress. Tire air is decompressed by gradually releasing the lever from the compression position. (Fig.5)
- ⑥ Air pressure in the tire is displayed on the gauge with release of the operation lever. Adjust the air pressure until it reaches the standard value.



(Note) For the standard air pressure value of the tire, refer to the label on the driver side door of the automobile.

(Note) After air pressure adjustment, check with soap water, etc. if air is leaking or not (Fig. 6).

See the following table for the relation between requirement for lever operation/hose connection and each function.

Function	Operation Lever	Display of Tire Air Pressure	Air Hose Connection
Measurement	No touch	Displayed	Not required
Decompression	Press halfway	No (Displayed if lever released)	Not required
Compression	Press completely	No (Displayed if lever released)	Required

Others

List of used parts

No.	Product Name	Characteristics	Illustration
AGT23-A1	Straight Connector	Thin connector with $\phi 11$ mm tip.	
AGT23-A2	Double Connector	Double connector - usable from either direction.	
AGT23-A3	Clip Connector	With clip for valve fixing	