



COMBINATION TORQUE WRENCH

TA771WT-23

INSTRUCTION MANUAL



Thank you for purchasing TA771WT-23 torque wrench.

Please read this instruction manual carefully before use so that you can use the product properly.



ICHINEN **TASCO** CO.,LTD.

Safety Instructions

Notes contained in this manual are classified as [⚠️ **WARNING**] and [⚠️ **CAUTION**].

Instructions given in the [⚠️ **WARNING**] column summarize and refer to those that may result in a death or serious injury if they are neglected. However, instructions classified as [⚠️ **CAUTION**] may also lead to serious consequences depending on the circumstance if neglected. Observe all instructions without fail because they refer to important matters concerning safety.

Please understand that we are not responsible for the cases which are improperly used, the occurrence of fault during operation, and/or any other problem when this unit is used by customer or a third party, unless the Japanese law or regulation is forced to do so.

⚠️ **CAUTION** Read through the instruction manual before operation for correct and safe usage. Please store and retain this instruction manual for future reference.

⚠️ **WARNING** Avoid using or storing the unit near fire and heat.

[If neglected] Can cause serious accidents

⚠️ **CAUTION** Do not use or store the unit under the rain, wet areas and places of high humidity.

[If neglected] Can cause unit failure.

⚠️ **CAUTION** Check the working area. Keep the unit on a level, secure enough space for working, and make sure that the working area is well lit.

[If neglected] Causing unit failure and operator may suffer an injury.

⚠️ **CAUTION** Do not use the unit in a dusty area.

[If neglected] Can cause unit failure.

⚠️ **WARNING** **Do not alter the torque wrench.** Altering the torque wrench undermines its strength and precision, which could cause an accident or injury.

[If neglected] Causing unit failure and operator may suffer an injury.

⚠️ **WARNING** Wear proper personal protective equipment such as safety goggles, shoes and gloves.

[If neglected] The operator may suffer an injury.

⚠️ **CAUTION** Do not operate if you are under the following condition.

· When you are unable to concentrate due to over-fatigue, sick, under the influence of drugs or any other reason.

[If neglected] The operator may suffer an injury.

⚠️ **CAUTION** For ensuring a safe operation, only a qualified technician who understands this instruction manual should operate the gauge manifold.

[If neglected] Causing unit failure and operator may suffer an injury.

⚠️ **CAUTION** Check applicable size and torque before starting the operation.

[If neglected] Can cause unit failure and operator may suffer injury.

⚠️ **WARNING** Check before and after use. (for deformation, damage, corrosion or any missing parts)

[If neglected] It can lead the risk of injury due to accident by poor maintenance or an abnormality with the product.

⚠️ **CAUTION** Do not store in a place where there is direct sunlight, where the room temperature and/or humidity goes above 40°C, outside where there is risk of the wrench getting wet, or any place in reach of children or animals. Be sure to wipe away any traces of trash, dust,

dirt, oil or water before storage.

[If neglected] Can cause unit failure.

CAUTION Do not drop or handle the wrench roughly.

[If neglected] Can cause unit failure.

If an abnormality occurs with the product, please stop operation immediately and contact the sales distributor from whom you purchased the product to repair or for maintenance.

· If you keep on using it, it may lead the risk of injury or accident

CAUTION If an abnormality occurs with the product, please stop operation immediately and contact the sales distributor from whom you purchased the product to repair or for maintenance.

[If neglected] If you keep on using it, it may lead the risk of injury or accident

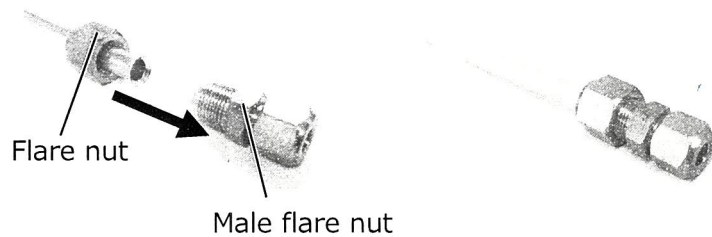
Specification

Flare nut size	Caliber × Tightening torque *	Length
1/4"	17mm × 17.2N·m	300mm
3/8"	22mm × 39.9N·m	

*Accuracy : ±4%

Operating instructions

1. Connect and tighten the flare nut with hand.



2. Hold and secure the male flare nut with a spanner whilst applying a torque wrench of the appropriate size and torque value to the flare nut.

CAUTION Try the torque wrench out 3 times before use. This is necessary because the first few times it may deviate from the correct torque value.

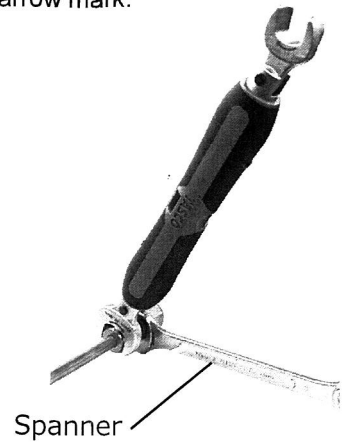
3. Move the torque wrench in the direction of the arrow mark.

⚠ CAUTION Strong torque in the opposite direction could cause damage to the torque wrench.

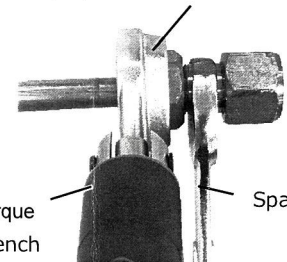
⚠ CAUTION Make sure to hold the grip handle at the grip line, farthest away from the nut. Do not hold it short, or use extension. It will not be able to achieve the correct torque.

⚠ CAUTION Do not add unnecessary speed, but perform the torque slowly. When done with unnecessary speed or force, it will not be able to torque with normal power.

⚠ CAUTION The direction of force must be perpendicular to the torque wrench. If not perpendicular, the correct torque will not be made.

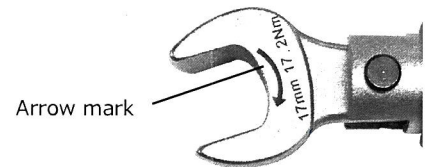


Unique head to support perpendicular force



4. Stop tightening when hearing the grip click.

⚠ CAUTION Further tightening results in excessive torque.



⚠ CAUTION

The torque wrench requires regular inspection.

(Recommend to check the torque value once a year.)



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