

KTC Tie Rod End Separator (AS201) Instruction Manual

Thank you for purchasing KTC Tie Rod End Separator (AS201). In order to use this tool safely and appropriately, please be sure to read this handling instruction before use. (And store it with the tool.)

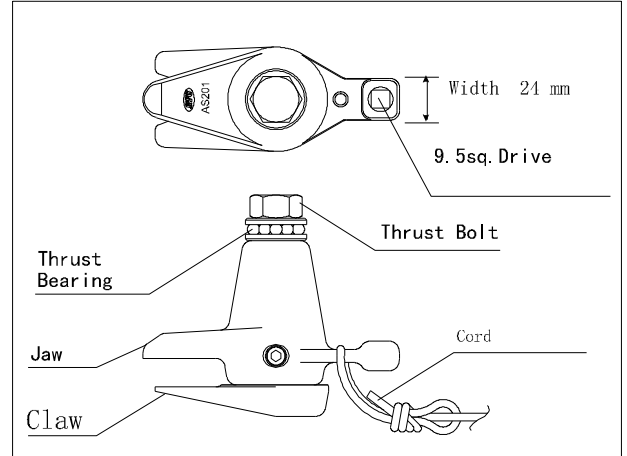
This tool is exclusively for separating the ball joint of tie rod end on mini-cars to passenger cars

Cautions in Handling



- Do not use the tool for any purpose other than that intended.
- Do not use the tool if it is cracked, damaged, worn, malformed, or displays any other abnormalities.
- Do not attempt to modify the tool. If it is heated, re-shaped or otherwise modified, quality and reliability will be greatly degraded.
- Do not inflict impact by striking the tool with a hammer, etc.
- Do not use impact wrench on the tool.
- Be sure to tie the fall off prevention cord to a rigid section of the car tightly so that it will not loosen during use of the tool.
- Be careful of rebound of arms, etc. for separation of the ball joint when using the tool.
- Do not drop this product.
- Do not turn the thrust bolt in loosening direction with large force.
- Turn the thrust bolt with hand except when applying load (opening adjustment, etc.).
- Apply lithium grease on the plane of contact between the claw and the jaw so that the grease film is not worn off.

Shape and Name of Each Part



Confirmation of Application

Applicable to tie rod ends in mini-cars to passenger cars (3 liter class or smaller).

(Pulling out the taper fitting section in ball joints with screw size of M10 – M14)

Car Type	Applicable Section	Tie Rod End	Suspension Arm	
			Lower	Upper
Mini-car		○	×	○
PassengerCar		○	×	△(applicable except some specific types of car)

How to Operate

- ① Pull out the split pin from the nut which fixes the ball joint and loosen the lock nut.
- ② Attach the tool to the ball joint by turning the thrust bolt to adjust the opening.
(Note) Attach the tool so that the claw touches the ball joint section on a plane.
(Note) Be careful not to damage the ball joint dust boots or push out the grease when attaching the tool to the ball joint section.
- ③ Push in the thrust bolt until it reaches the back of claw and tighten it. Set the tie rod end separator.
- ④ Tie the fall off prevention cord securely to a rigid section of the car such as the chassis.
- ⑤ Stop rotation with a 9.5sq. driving tool, monkey wrench, etc.
- ⑥ Confirm that the bolt tip of the ball joint is inserted into the depression at the jaw tip, and tighten the thrust bolt with a box wrench, etc. until ball joint is pulled out.
(Note) Do not touch the claw, jaw tip, or the contact plane between the claw and the jaw or their circumference, when tightening the thrust bolt.

