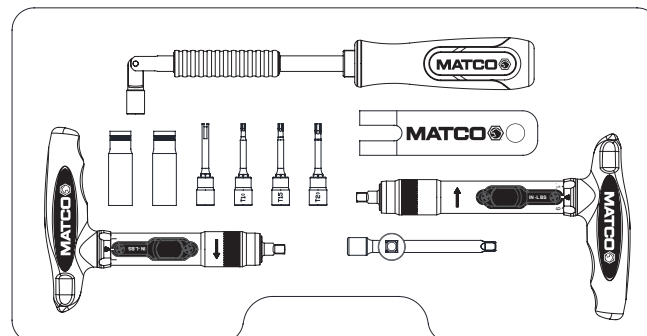




TPMS INSTALLATION TOOL KIT

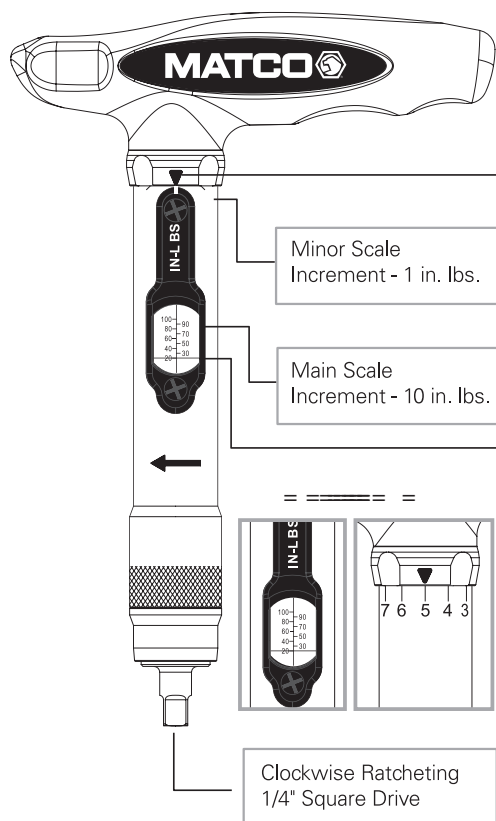
TPMS999

Model no.	Description
TPMS999-1	Ratcheting Adjustable Torque Tool
TPMS999-2	Ratcheting Adjustable Torque Tool
TPMS999-3	1/4" drive valve inlet bit socket
TPMS999-4	1/4" Drive T10 Bit Socket
TPMS999-11	1/4" Drive T15 Bit Socket
TPMS999-5	1/4" Drive T20 Bit Socket
TPMS999-6	1/4" Drive 10mm Extension Bar
TPMS999-7	1/4" Drive 11mm Deep Socket
TPMS999-8	1/4" Drive 12mm Deep Socket
TPMS999-9	Steel Plate Spacer Ring
TPMS999-10	Valve Puller



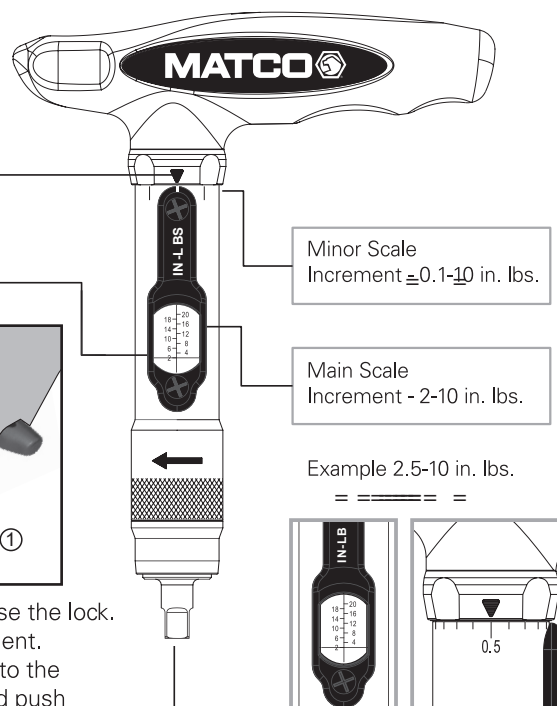
TPMS999-1

Ratcheting Adjustable Torque Tool, **20-100 in. lbs.**



TPMS999-2

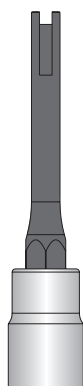
Ratcheting Adjustable Torque Tool, **2-20 in. lbs.**



The calibration certificates of TPMS999-1 and TPMS999-2 are included.
Guaranteed to meet ISO 6789, U.S. Fed.GGG-W-686D and ANSI Spec.B107.14M.

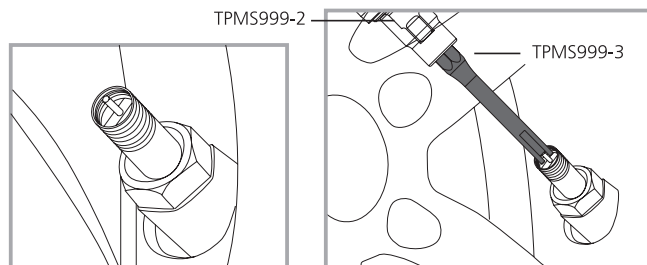
TPMS999-3

1/4" drive valve
inlet bit socket



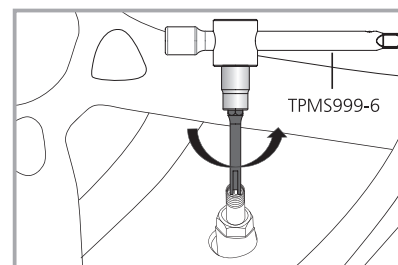
Application 1

This is used together with TPMS999-2 (**2~20 in. lbs.**) torque tool. Usually, the valve should be set by **2.5~4 in. lbs.** according to the technical instruction of different TPMS system.



Application 2

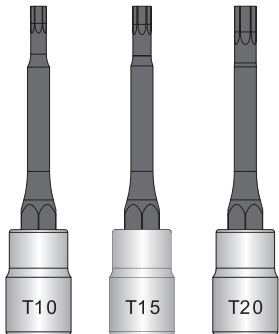
This is used together with TPMS999-6, to remove the valve from the TPMS system. Counter-clockwise to remove the valve.



1611279-30/16098

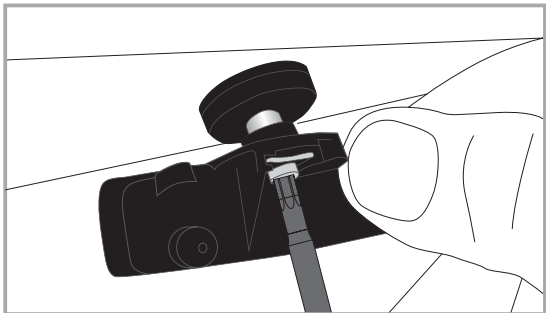
TPMS999-4, TPMS999-11, TPMS999-5

1/4" drive T10 bit socket
1/4" drive T15 bit socket
1/4" drive T20 bit socket



Application

These 3 bit sockets are used together with TPMS999-1 or TPMS999-2 to fix the valve on the sensor. Usually it requires **12.5~35 in. lbs.**, but please refer to your TPMS technical instruction for correct value.



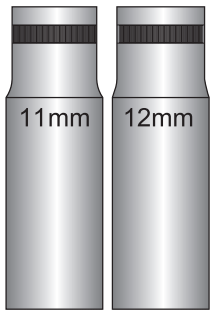
TPMS999-6

1/4" Drive 10mm Extension Bar



TPMS999-7, TPMS999-8

1/4" drive 11mm deep socket
1/4" drive 12mm deep socket

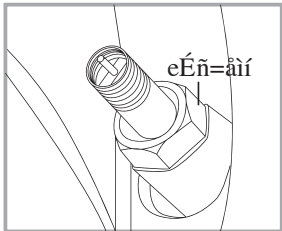


Application

These 3 bit sockets are used together with TPMS999-1 or TPMS999-2 to fix the valve on the sensor. Usually it requires **12.5~35in. lbs.**, but please refer to your TPMS technical instruction for correct value.

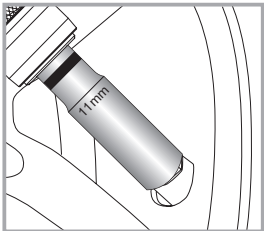
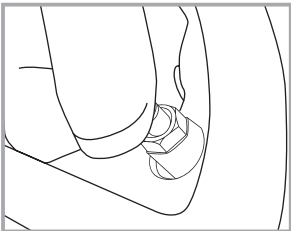
Step 1

Use fingers to install the hex nut first.



Step 2

Use together with TPMS999-1, set at required torque to fix the hex nut.



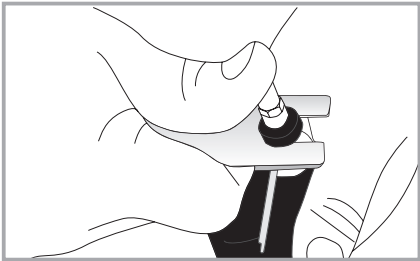
TPMS999-9

Steel plate spacer ring and grommet

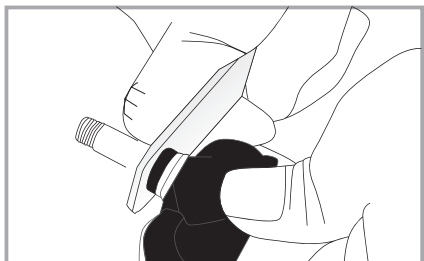


Application

To remove or install the spacer ring and the rubber grommet.



Remove

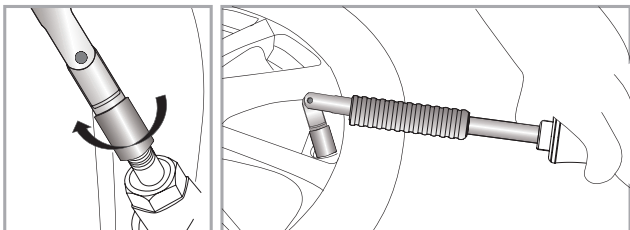
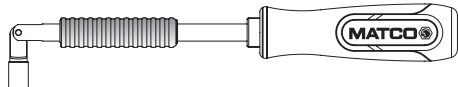


Install

TPMS999-10

Valve Puller - installing a mounted valve

Application = = = =
To pull the mounted valve into the wheel.



1611279-30/16098



TPMS INSTALLATION TOOL KIT

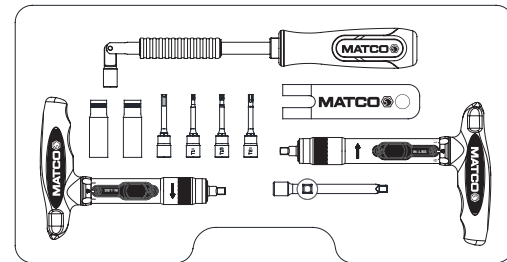
TPMS999

Model no.

TPMS999-1
TPMS999-2
TPMS999-3
TPMS999-4
TPMS999-11
TPMS999-5
TPMS999-6
TPMS999-7
TPMS999-8
TPMS999-9
TPMS999-10

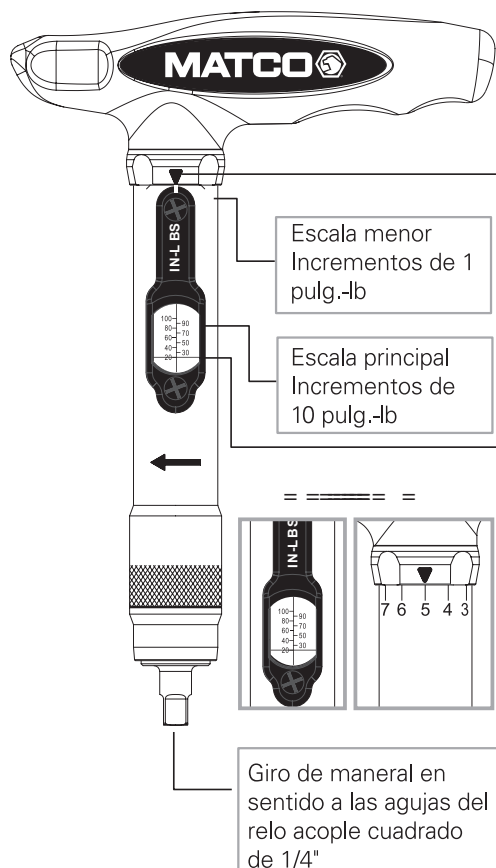
Description

Trinquete Herramienta de par ajustable, 20-100 in-lb
Trinquete Herramienta de par ajustable, 2-20 in-lb
1/4" drive valvula de toma de bits de entrada
1/4" drive Socket poco T10
1/4" drive Socket poco T15
1/4" drive Socket poco T20
1/4" drive 100mm ampliacion de la unidad de deslizamiento
1/4" drive 11mm de profundidad zocalo
1/4" drive 12mm de profundidad zocalo
Placa de acero para el anillo espaciador y la arandela
Valvula Puller - la instalcion de una valvula montada



TPMS999-1

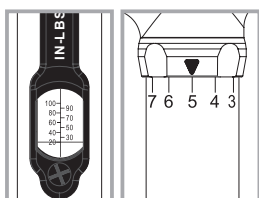
Trinquete Herramienta de par ajustable, **20-100 in-lb**



Flecha del mango

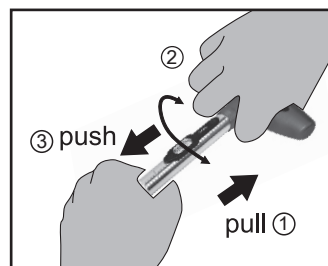
Escala menor
Incrementos de 1
pulg.-lb

Escala principal
Incrementos de
10 pulg.-lb



Giro de maneral en
sentido a las agujas del
relo acople cuadrado
de 1/4"

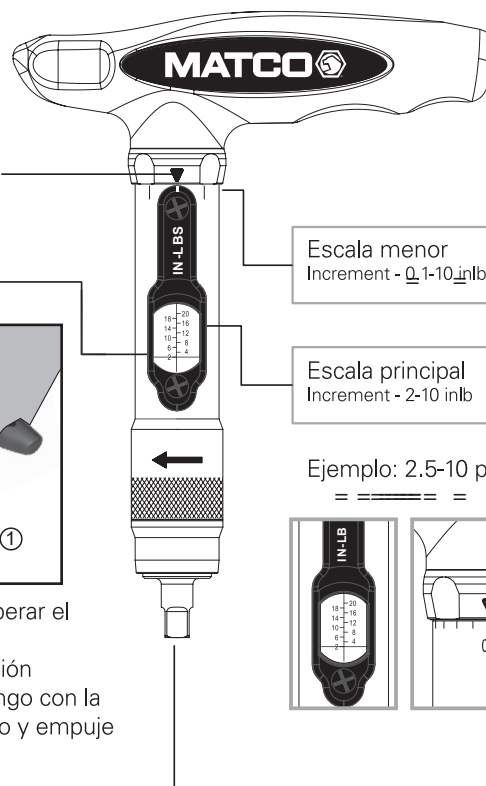
Línea roja del
índice



- ① Hale del mango para liberar el seguro.
- ② seguro.
- ③ Gire para ajustar la torsión
Alinee la flecha del mango con la
escala menor en el tubo y empuje
para bloquear.

TPMS999-2

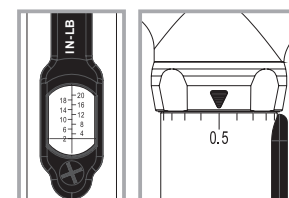
Trinquete Herramienta de par ajustable, **2-20 in-lb**



Escala menor
Increment - 0.1-10 inlb

Escala principal
Increment - 2-10 inlb

Ejemplo: 2.5-10 pulg.-lb



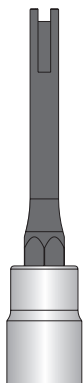
Se incluyen los certificados de calibración de TPMS999-1 y TPMS999-2.
Garantizado para cumplir con las normas ISO 6789, US Fed.GGG-W-686D y ANSI Spec.8107.14M.

TPMS999-3

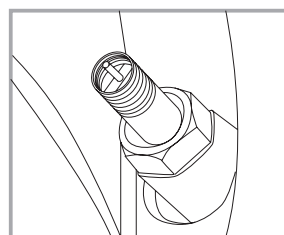
1/4" drive valvula de toma de bits de entrada

Aplicación 1

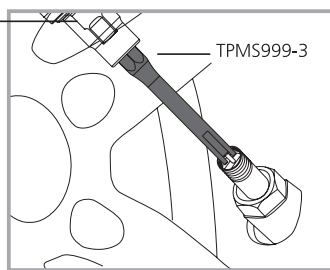
Esto se utiliza junto con la herramienta de torsión TPMS999-2 (2 ~ 20 pulg.-lb). Por lo general, la válvula se debe fijar en 2.5 ~ 4 pulg.-lb según las instrucciones técnicas de los diferentes sistemas de monitoreo de presión de las llantas (TPMS).



TPMS999-2

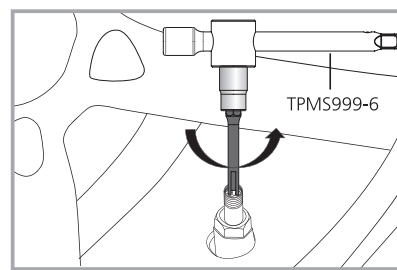


TPMS999-3



Aplicación

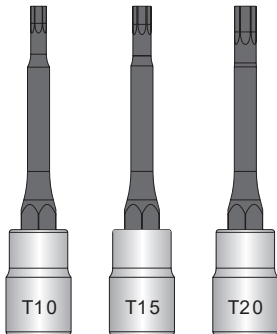
Esto se utiliza junto con la herramienta de torsión TPMS999-6, para extraer la válvula del sistema TPMS. Girar en sentido contrario a las agujas del reloj para extraer la válvula.



1611279-30/16098

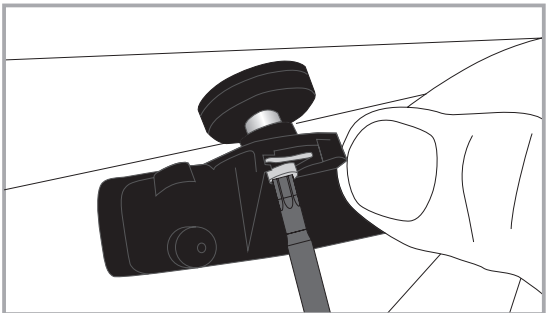
TPMS999-4, TPMS999-11, TPMS999-5

1/4" Drive Socket poco T10
1/4" Drive Socket poco T15
1/4" Drive Socket poco T20



Aplicación

Estas 3 copas de brocas se utilizan junto con la herramienta TPMS999-1 o TPMS999-2 para fijar la válvula en el sensor. Por lo general requiere de 12.5 ~ 35 pulg.-lb, pero consulte las instrucciones técnicas de su TPMS para conocer el valor correcto.



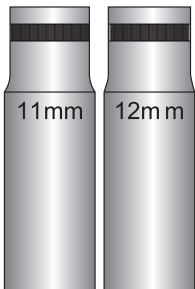
TPMS999-6

1/4" Drive 10mm Extension Bar



TPMS999-7, TPMS999-8

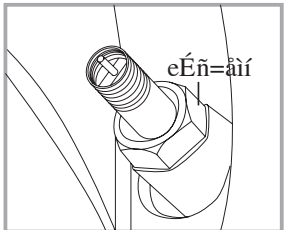
1/4" Drive 11mm de profundidad zocalo
1/4" Drive 12mm de profundidad zocalo



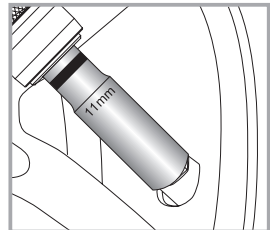
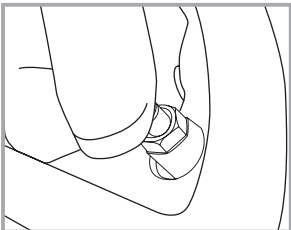
Aplicación

Estas 2 copas profundas se utilizan junto con la herramienta TPMS999-1 para instalar y fijar la tuerca hexagonal a la llanta. Por lo general requiere de 71 pulg.-lb, pero consulte las instrucciones técnicas de su TPMS para conocer el valor correcto.

Paso 1
Utilice los dedos para instalar la tuerca hexagonal primero.



Paso 2
Utilice junto con la herramienta TPMS999-1; coloque a la torsión requerida para fijar la tuerca hexagonal.



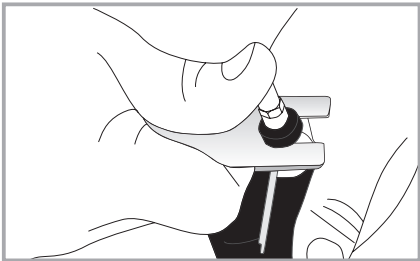
TPMS999-9

Placa de acero para el anillo espaciador y la arandela

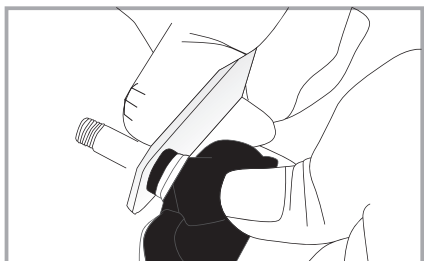


Aplicación

Para extraer o instalar el anillo espaciador y el ojal de goma



Remove

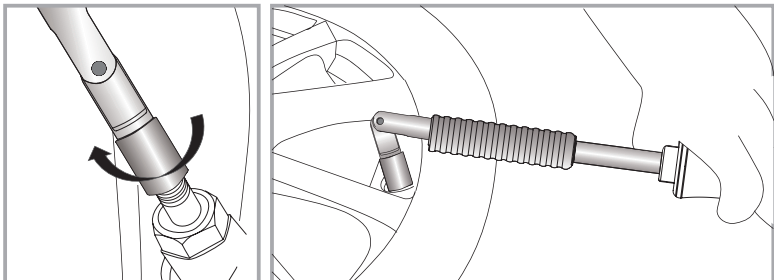
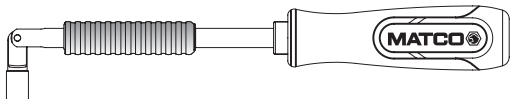


Install

TPMS999-10

Halador de la válvula - para instalar una válvula montada

Aplicación
Para halar la válvula montada hacia la rueda.



1611279-30/16098