



# DYNAMIC CROSS DRIVE CABLE REPAIR AND MAINTENANCE

## YOU WILL NEED:

### AVAILABLE FROM YOUR DYNAMIC DISTRIBUTOR:

- DYNAMIC FOOD GREASE
- LOCTITE 243
- CABLE HEAD BEARING SET
- DYNAMIC TRANSMISSION CABLE 120CM
- M4 BOLT

### YOU WILL ALSO NEED:

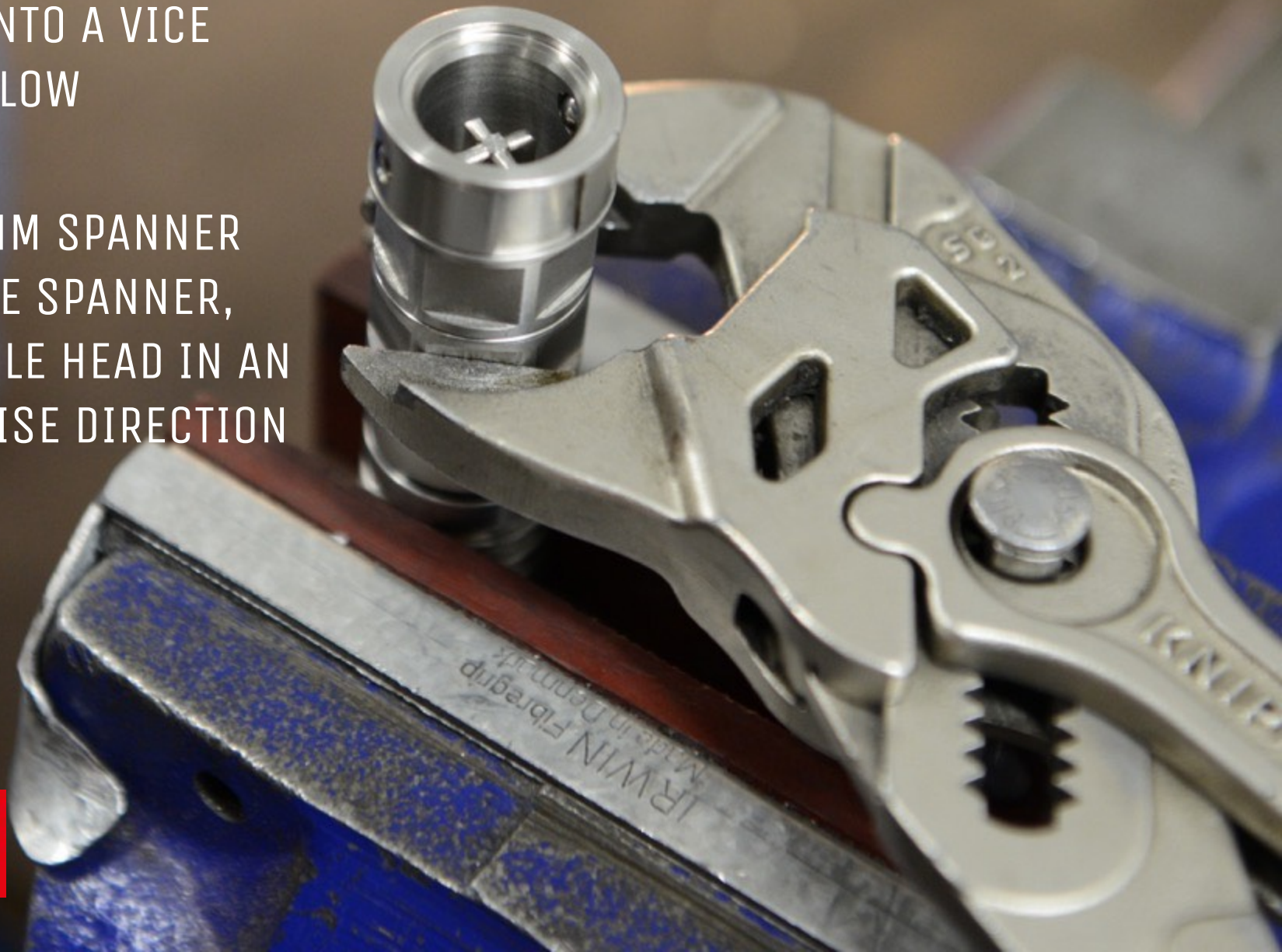
- VICE
- HEAT GUN
- TWO 18MM SPANNERS
- SMALL PAIR OF LONG NOSE PLIERS
- SMALL PAIR OF MOLE GRIPS
- 7MM SCREWDRIVER SOCKET


- GENTLY HEAT USING A HEAT GUN AROUND THE AREA HIGHLIGHTED IN THE PICTURE.



- PLACE THE BASE OF THE CABLE HEAD INTO A VICE AS SHOWN BELOW

- USING A 18MM SPANNER OR ADJUSTABLE SPANNER, UNDO THE CABLE HEAD IN AN ANTI-CLOCKWISE DIRECTION





▪ ONCE CABLE HEAD IS  
UNDONE, STRETCH THE  
CABLE HEAD SO THE  
INNER CABLE IS  
EXPOSED.

▪ THEN ATTACH THE MOLE GRIPS TO THE INNER CABLE WHICH IS EXPOSED. ATTACH THE LONG NOSE PLIERS AS SHOWN AND THEN ROTATE IN A ANTI CLOCK WISE ROTATION.



- REMOVE MOLE GRIPS FROM THE TRANSMISSION INNER CABLE.



- THEN PULL THE INNER CABLE OUT FROM THE BASE END.

- PLACE TRANSMISSION CABLE IN VICE SECURELY. ATTACH ADJUSTABLE SPANNER TO MALE SLOT AND UNSCREW IN AN ANTI-CLOCKWISE DIRECTION. THIS WILL RELEASE THE RACE BEARING TO BE REPLACED, THEN REASSEMBLE AND TIGHTEN IN A CLOCKWISE ROTATION.

• CHANGING THE TRANSMISSION CABLE RACE BEARING IS ONLY NECESSARY WHEN SERVICING THE CABLE ANNUALLY, THIS IS NOT NECESSARY WHEN INSERTING A NEW INNER CABLE



- RACE BEARINGS NEED REPLACING IN THE CABLE HEAD ANNUALLY, IF SERVICING PLEASE DO AS FOLLOWS.

- GENTLY HEAT USING A HEAT GUN AROUND THE AREA HIGHLIGHTED IN THE PICTURE



- THEN USING TWO 18MM SPANNERS TO DISMANTLE CABLE HEAD, UNDO IN AN ANTICLOCKWISE DIRECTION AS SHOWN PICTURE

- THE DISMANTLED CABLE HEAD WILL SEPARATE INTO THESE THREE COMPONENTS



- USING THE LONG NOSE PLIERS TO SECURE THE MALE CROSS DRIVE PIECE, UNDO THE NUT IN AN ANTICLOCKWISE DIRECTION USING A 7MM SCREWDRIVER SOCKET.

▪ CROSS DRIVE INTERNAL QUICK RELEASE HEAD  
ASSEMBLY CONSISTS OF:

A: NUT

B: RACE BEARING 1

C: RACE BEARING 2

D: MALE CROSS DRIVE





- REPLACE BEARINGS B AND C AND THEN DO UP THE CROSS DRIVE INTERNAL ASSEMBLY

- USING THE LONG NOSE PLYERS, SECURE THE MALE CROSS DRIVE PIECE AND TIGHTEN THE NUT IN A CLOCKWISE DIRECTION USING A 7MM SCREWDRIVER SOCKET

- THOROUGHLY CLEAN THE QUICK RELEASE CABLE HEAD INTERNALLY AND EXTERNALLY.



- INSERT THE CROSS DRIVE INTERNAL QUICK RELEASE HEAD ASSEMBLY AS SHOWN IN PICTURE

- PLACE 243 LOCTITE ONTO THE THREAD OF THE TOP OF THE QUICK RELEASE HEAD



- TIGHTEN THE TWO COMPONENTS BY HAND INITIALLY AND THEN TIGHTEN USING TWO 18MM SPANNERS IN A CLOCK-WISE DIRECTION.

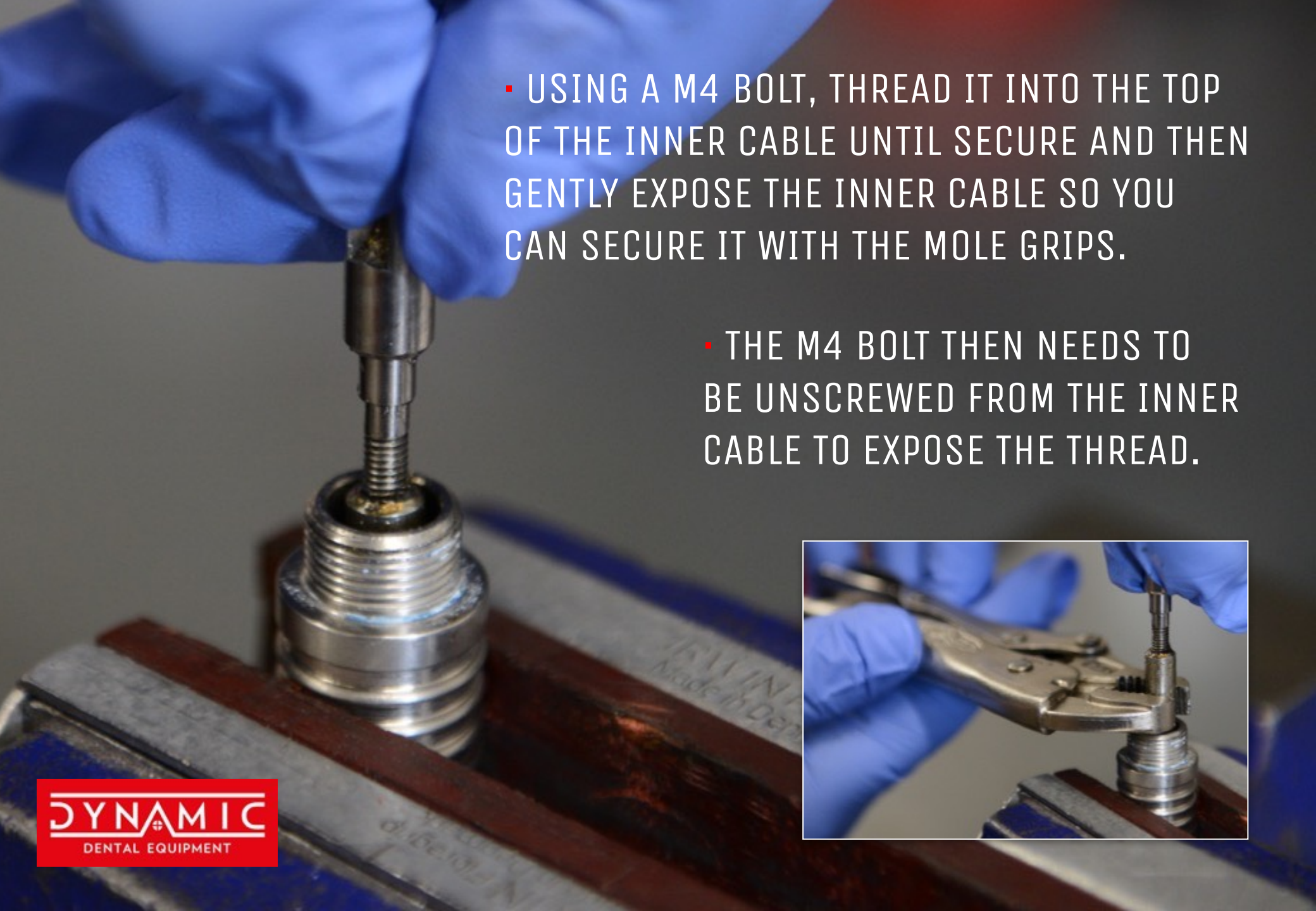
▪ GREASE THE TRANSMISSION CABLE  
WITH DYNAMIC FOOD GREASE



- IF THE BLACK COLLAR HAS FALLEN OFF THE DRIVE CABLE, DO NOT FORGET TO PLACE IT BACK ON BEFORE REASSEMBLING THE COMPONENTS.



- INSERT THE GREASED TRANSMISSION CABLE BACK INTO THE DRIVE CABLE OUTER SHEATH UNTIL BEARING IS FLUSH WITH THE BASE.



- USING A M4 BOLT, THREAD IT INTO THE TOP OF THE INNER CABLE UNTIL SECURE AND THEN GENTLY EXPOSE THE INNER CABLE SO YOU CAN SECURE IT WITH THE MOLE GRIPS.

- THE M4 BOLT THEN NEEDS TO BE UNSCREWED FROM THE INNER CABLE TO EXPOSE THE THREAD.



- USING THE LONG NOSE PLIERS, OFFER THE HEAD TO THE INNER CABLE AND THEN ROTATE IN A CLOCKWISE ROTATION UNTIL THE HEAD IS FULLY ENGAGED



- PLACE SOME 243 LOCTITE ONTO THE THREAD OF THE OUTER SHEATH

- REATTACH THE QUICK RELEASE CABLE HEAD USING A VICE AND 18MM SPANNER IN A CLOCK-WISE DIRECTION.