



KEY DRIVE CABLE REPAIR AND MAINTENANCE

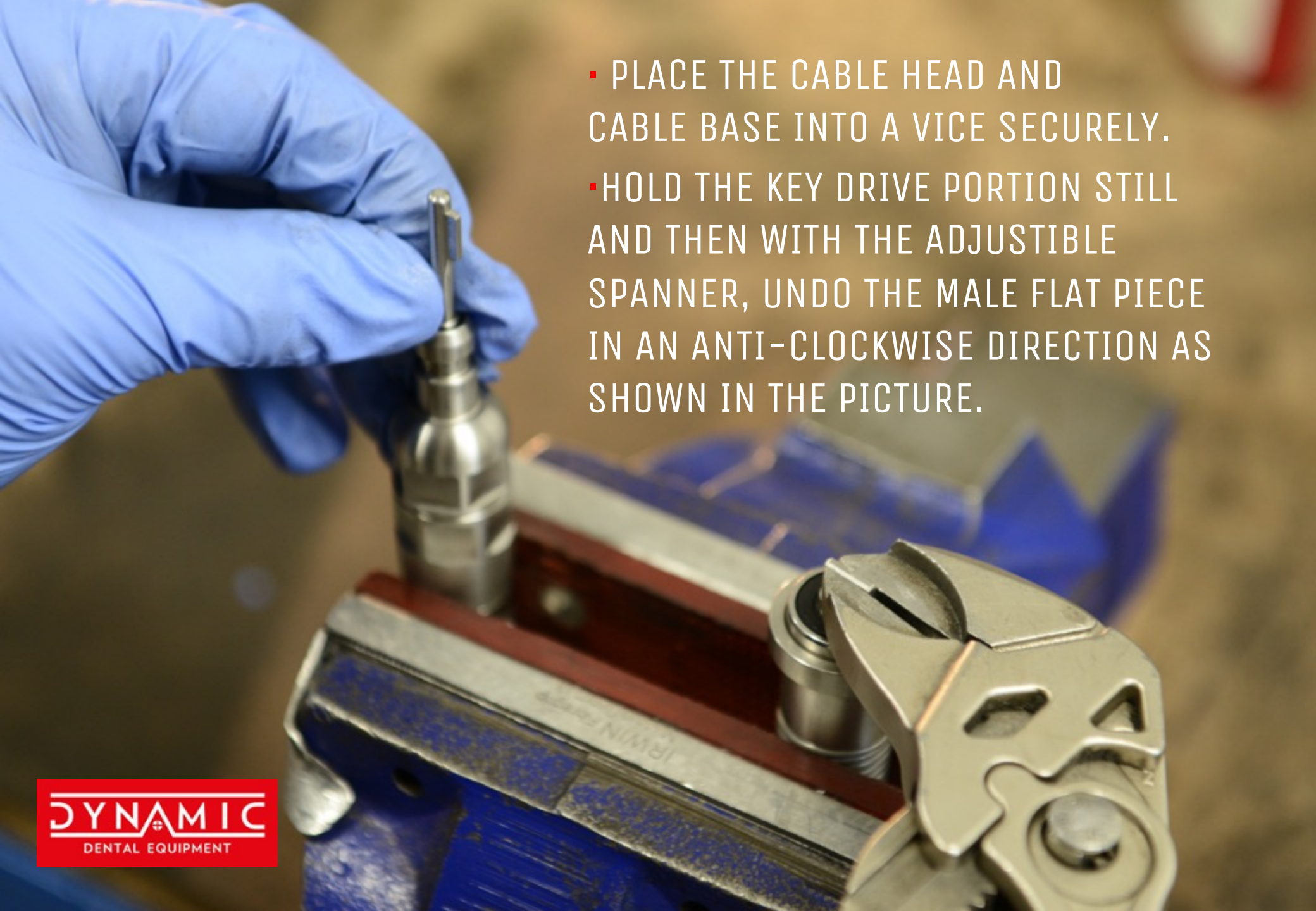
YOU WILL NEED:

AVAILABLE FROM YOUR DYNAMIC DISTRIBUTOR:

- FOREDOM CABLE GREASE
- LOCTITE 243
- TRANSMISSION CABLE BEARING (IF REQUIRED)
- CABLE HEAD BEARING SET
- DYNAMIC TRANSMISSION CABLE 120CM (IF BROKEN AND THEN WILL NOT NEED THE TRANSMISSION CABLE BEARING)


YOU WILL ALSO NEED:

- VICE
- HEAT GUN
- TWO ADJUSTIBLE SPANNERS
- SMALL PAIR OF MOLE GRIPS
- 7MM SCREWDRIVER SOCKET

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- A close-up photograph showing a person's hand wearing a blue nitrile glove. The hand is holding a metal key and turning a cylindrical metal component that is held in a blue bench vice. The component has a flat top surface. The background is a blurred workshop environment.
- PLACE THE CABLE HEAD AND CABLE BASE INTO A VICE SECURELY.
 - HOLD THE KEY DRIVE PORTION STILL AND THEN WITH THE ADJUSTIBLE SPANNER, UNDO THE MALE FLAT PIECE IN AN ANTI-CLOCKWISE DIRECTION AS SHOWN IN THE PICTURE.

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





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

• USING AN ADJUSTIBLE SPANNER,
UNDO THE CABLE HEAD IN AN ANTI-
CLOCKWISE DIRECTION

- ONCE THE CABLE HEAD IS UNDONE, STRETCH THE CABLE HEAD SO THE INNER CABLE IS EXPOSED. THEN ATTACH THE SMALL MOLE GRIPS TO THE INNER CABLE WHICH IS EXPOSED.

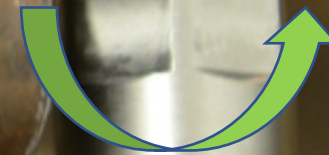


- HOLD THE KEY DRIVE END AND TWIST THE MOLE GRIPS IN AN ANTI-CLOCKWISE UNTIL CABLE HEAD IS DETACHED

- REMOVE THE MOLE GRIPS FROM THE TRANSMISSION INNER CABLE AND THEN PUSH THE CABLE DOWN TO RELEASE THE TRANSMISSION CABLE BEARING.



- GENTLY HEAT USING THE HEAT GUN, THE AREA HIGHLIGHTED IN THE PICTURE



- USING TWO ADJUSTIBLE SPANNERS, DISMANTLE THE CABLE HEAD AS SHOWN IN PICTURE

▪ THE DISMANTLED CABLE HEADS WILL
SEPARATE INTO THESE THREE COMPONENTS



- USING YOUR FINGERS TO SECURE THE KEY DRIVE PIECE, UNDO THE NUT USING A 7MM SCREWDRIER SOCKET.

▪ SLOT DRIVE INTERNAL QUICK RELEASE HEAD
ASSEMBLY CONSISTS OF:

A: NUT

B: RACE BEARING 1

C: RACE BEARING 2

D: MALE KEY DRIVE





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

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

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

- DO UP THE TWO COMPONENTS BY HAND INITIALLY AND THEN TIGHTEN USING TWO ADJUSTIBLE SPANNERS IN A CLOCK-WISE DIRECTION.



- IF NEEDED REPLACE THE TRANSMISSION CABLE BEARING ON TO THE TRANSMISSION CABLE AND TIGHTEN MALE FLAT PIECE BACK ONTO THE TRANSMISSION CABLE



- GREASE THE TRANSMISSION CABLE WITH FOREDOM GREASE

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



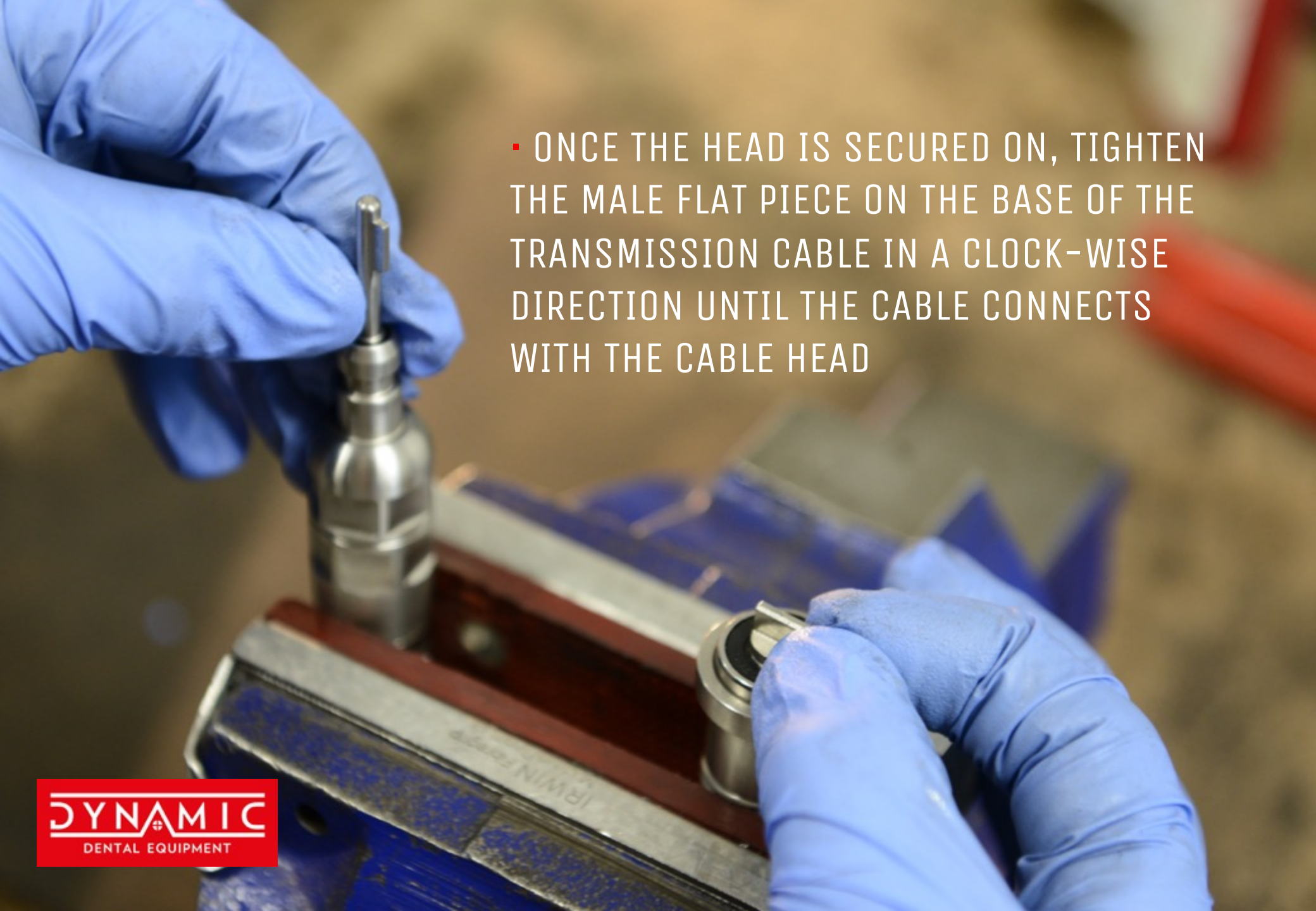
- INSERT THE GREASED TRANSMISSION CABLE BACK INTO THE DRIVE CABLE OUTER SHEATH UNTIL BEARING IS FLUSH WITH THE BASE.

- PLACE SOME 243 LOCTITE ONTO THE THREAD OF THE OUTER SHEATH AND REATTACH THE KEY DRIVE QUICK RELEASE HEAD



- TIGHTEN THE QUICK RELEASE CABLE HEAD ONTO THE OUTER SHEATH USING A VICE AND ADJUSTABLE SPANNER IN A CLOCK-WISE DIRECTION.





- ONCE THE HEAD IS SECURED ON, TIGHTEN THE MALE FLAT PIECE ON THE BASE OF THE TRANSMISSION CABLE IN A CLOCK-WISE DIRECTION UNTIL THE CABLE CONNECTS WITH THE CABLE HEAD



▪ USING YOUR FINGERS AND AN
ADJUSTIBLE SPANNER, SECURE THE KEY
DRIVE AND TIGHTEN THE MALE FLAT
PIECE OF THE TRANSMISSION CABLE