

ACTIVITY 3: THE MAIN PIECES IN SPARE PARTS

a) OPEN THE FOLLOWING LINKS AND EXPLORE THE SPARE PARTS IN EACH LANGUAGE:

<https://www.boschtoolservice.com/es/es/boschprof/spareparts/cizalla-gsc-2-8-0601506103>

<https://www.boschtoolservice.com/gb/en/boschprof/spareparts/shears-gsc-2-8-0601506103>

b) HOW DO YOU SAY **RECAMBIOS** IN ENGLISH? USE CAPITAL LETTERS:

c) FIND THE FOLLOWING WORDS IN THE SPANISH MANUAL AND THEN FIND THE ENGLISH TRANSLATION TO **MATCH THE WORDS** BELOW:

ROTOR O INDUCIDO

BEARING BOLT

RUEDA DENTADA

RING GEAR

PERNO DE COJINETE

ARMATURE

ÁRBOL DE LA EXCÉNTRICA

BEARING SLEEVE

CORONA DENTADA

ADJUSTING SCREW

BIELA

CYLINDRICAL GEAR

MANGUITO DE COJINETE

LIFTING ROD

ÉMBOLO PORTAUTIL

ECCENTRIC SHAFT

TORNILLO DE REGULACIÓN

CONNECTING ROD

d) READ THE FOLLOWING TEXT AND EXPLAIN HOW THE DEVICE WORKS IN SPANISH:

How the device works :

The rotation from the **motor shaft** is transmitted to the **two cylindrical gears** linked to the internal **ring gear** and to the **eccentric shaft** using a planetary gear mechanism. This rotation is transmitted to the **connecting rod** that transforms the rotation in a lineal alternative movement and it's the way to move the upper **blade** of the machine, in the same way as the sewing machine in the picture:

c) CAN YOU TRANSLATE THE WORDS IN BOLD INTO SPANISH? WRITE THE WORDS IN CAPITAL LETTERS:

MOTOR SHAFT -

CYLINDRICAL GEARS -

RING GEAR -

ECCENTRIC SHAFT -

CONNECTING ROD -

BLADE -

