

REMOVING A BROKEN SCREW

MOST OF OUR EQUIPMENT USES METRIC HEX KEY SCREWS OR BOLTS:

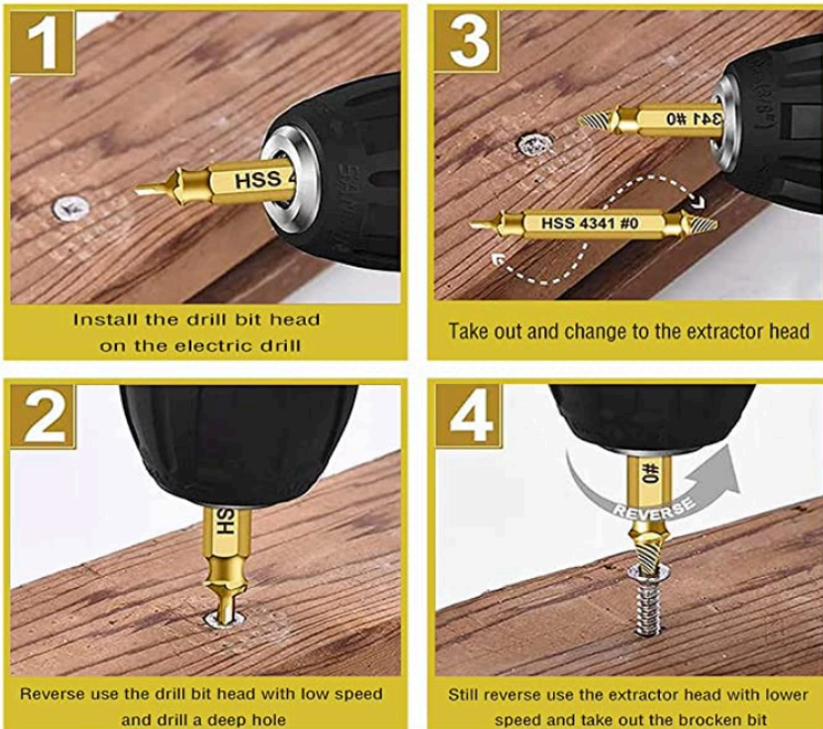
NEVER ATTEMPT TO REMOVE A SCREW WITH AN SAE HEX KEY SET

ONLY USE METRIC HEX KEY SETS

IF A SCREW OR BOLT IS TIGHT USE PENETRATING LUBRICANT SUCH AS LIQUID WRENCH AND ALLOW 10-20 MINUTES OR LONGER PENETRATE INTO SCREW ASSEMBLY (REPEAT IF NEEDED) IF STILL HARD TO REMOVE HEAT THE OUTER PART OF AREA (AVOID HEATING SCREW) WITH A HEAT GUN TO EXPAND METAL THEN CAREFULLY REMOVE BOLT/SCREW TURNING IT JUST A BIT THEN BACK A BIT UNTIL LOOSE. USE A LIBERAL AMOUNT OF LUBRICANT

IF YOU BREAK OR STRIP SCREW OR BOLT YOU WILL NEED TO FIND A WAY TO EXTRACT IT. THE FOLLOWING METHODS SHOULD HELP BUT IN RARE CASES YOU MAY NEED TO TAKE PART TO A MACHINE SHOP FOR REPAIR:

1. LUBRICATE AREA AROUND SCREW WITH LIQUID WRENCH OR THE LIKE (DO NOT USE PRODUCTS SUCH AS WD-40 THEY ARE NOT PENETRATING LUBRICANTS)
2. USING A SMALL STEEL DRILL BIT DRILL A SMALL HOLE IN TIP OF BROKE SCREW
3. USING A SCREW EXTRACTOR KIT FOLLOWING THE DIRECTIONS THEY PROVIDE TO EXTRACT SCREW
4. IF UNABLE TO REMOVE YOU MAY CHOOSE TO TAKE PART TO A LOCAL MACHINE SHOP OR JUST USE A HEAVY DUTY STEEL DRILL BIT AND DRILL OUT ENTIRE SCREW THEN USING A THREADING TAP & DIE SET TO RETHREAD SCREW HOLE. IF DOING THIS PROCESS BE SURE TO MATCH THE THREAD SIZE AND SCREW WITH THE NEW HOLE



USING A TAP & DIE SET:

(Check online videos on YouTube & follow MFG instructions)

