

DEWALT® INDUSTRIAL TOOLS

PRODUCT SERVICE DIVISION

SB 6028

TECHNICAL SERVICES DEPARTMENT

Page 1 of 2

SUBJECT: SERVICING NEXT GENERATION XRP CORDLESS TOOLS

Issued: 10-01

UNITS: DW980K-2, DW983K-2, DW984K-2, DW985K-2, DW987K-2,
DW988K-2, DW989K-2

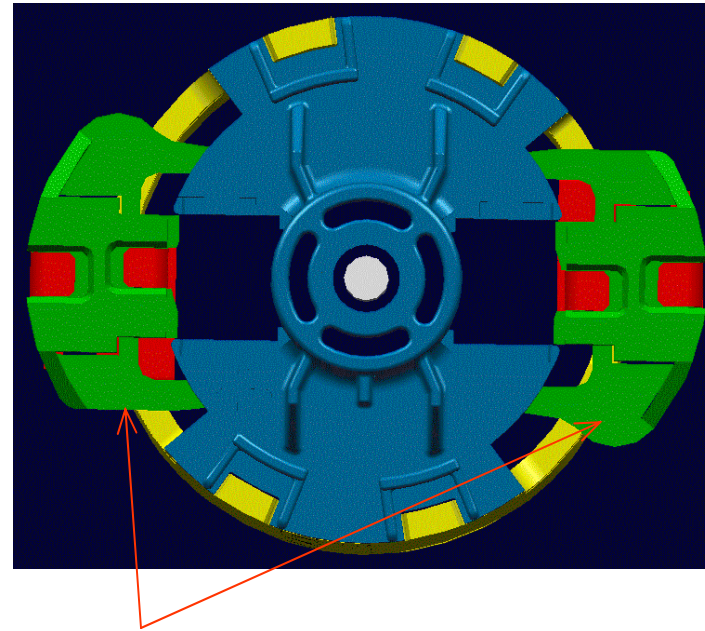
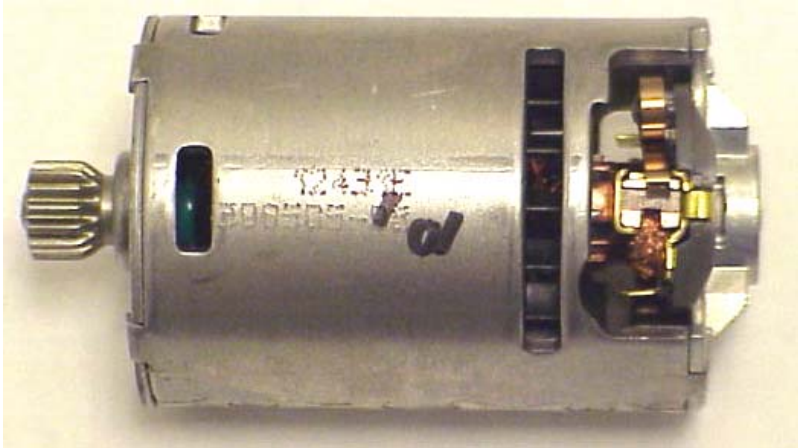
Reissued:

DATE CODE RANGE: Starting 2001

By: R. Armacost

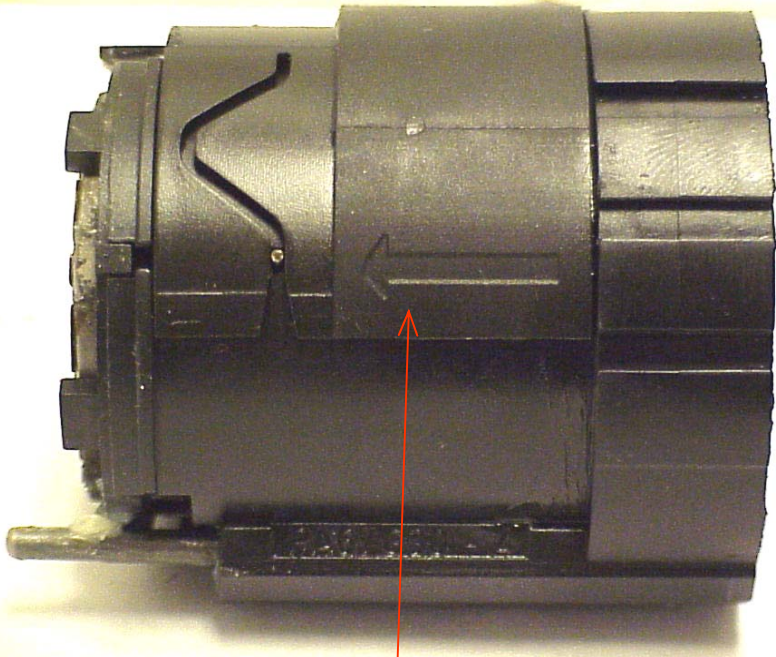
This Service Bulletin also introduces a service repair tool for removing chucks on these new cordless tools. Order P/N 605693-00 Chuck Removal Fixture.

MOTOR AND PINION



TO CHANGE BRUSHES - REMOVE BRUSH BOX AND REPLACE. SIMILAR TO COMPACT POWER BRUSH SERVICING

TRANSMISSION



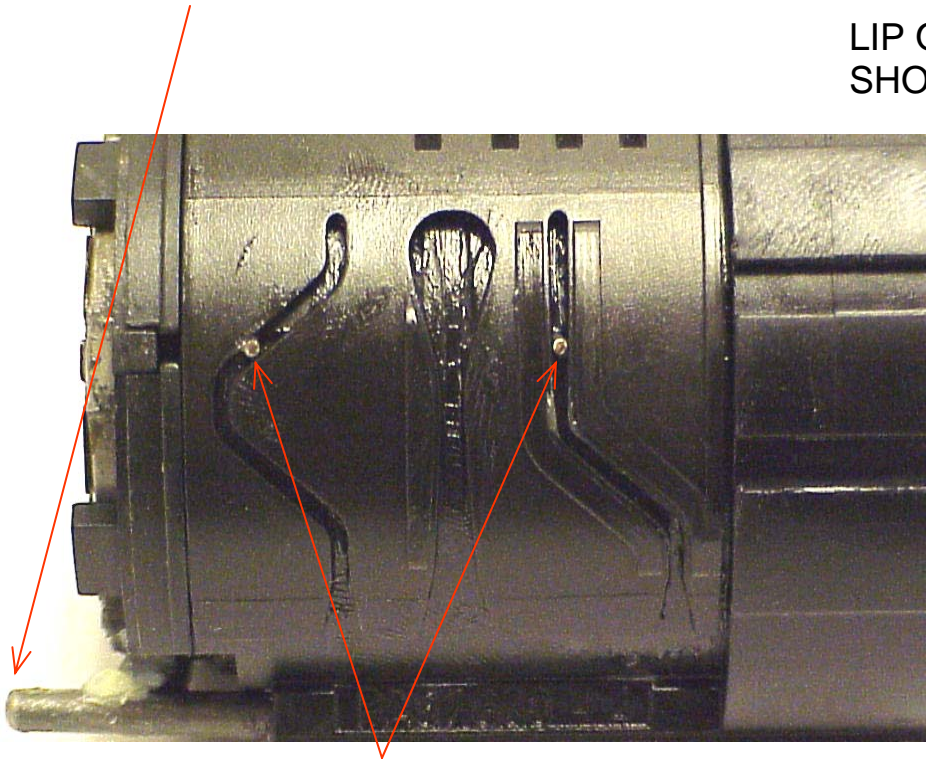
SHROUD ARROWS MUST POINT FORWARD



TRANSMISSION PLATE SHOULD BE DEPRESSED INTO GEARBOX

TRANSMISSION (CONT'D)

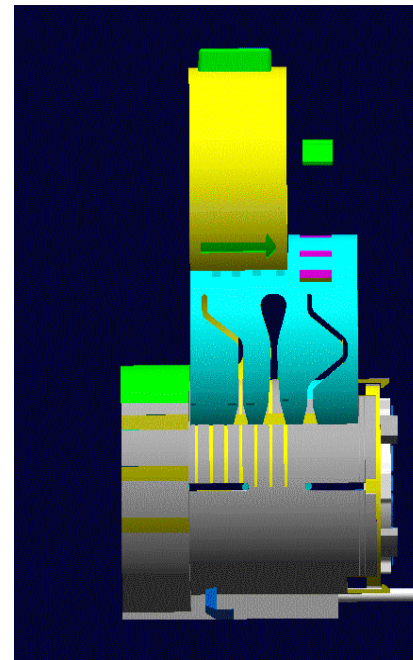
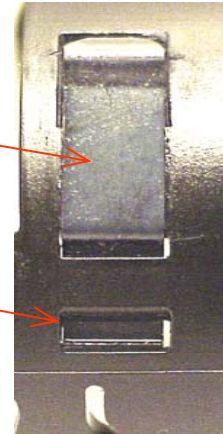
GREASE MUST BE APPLIED TO END OF COLLAR PIN



BE SURE THAT WIRE ENDS ARE IN ALLOTTED CHANNELS OF CAM-RING SHIFTER AFTER ASSEMBLY.

DETENT SHIFTER

LIP OF DETENT SPRING MUST SHOW THROUGH



TRANSMISSION INSTALLATION



IF INSTALLING
TRANSMISSION WITH
MOTOR ALREADY
ASSEMBLED -SLOWLY
TURN MOTOR TO ALIGN
PINION AND PLANETS
IN TRANSMISSION.

TRANSMISSION MIDDLE GROOVE WILL FIT INTO RIB IN HOUSING.

GEAR CASE ASSEMBLY

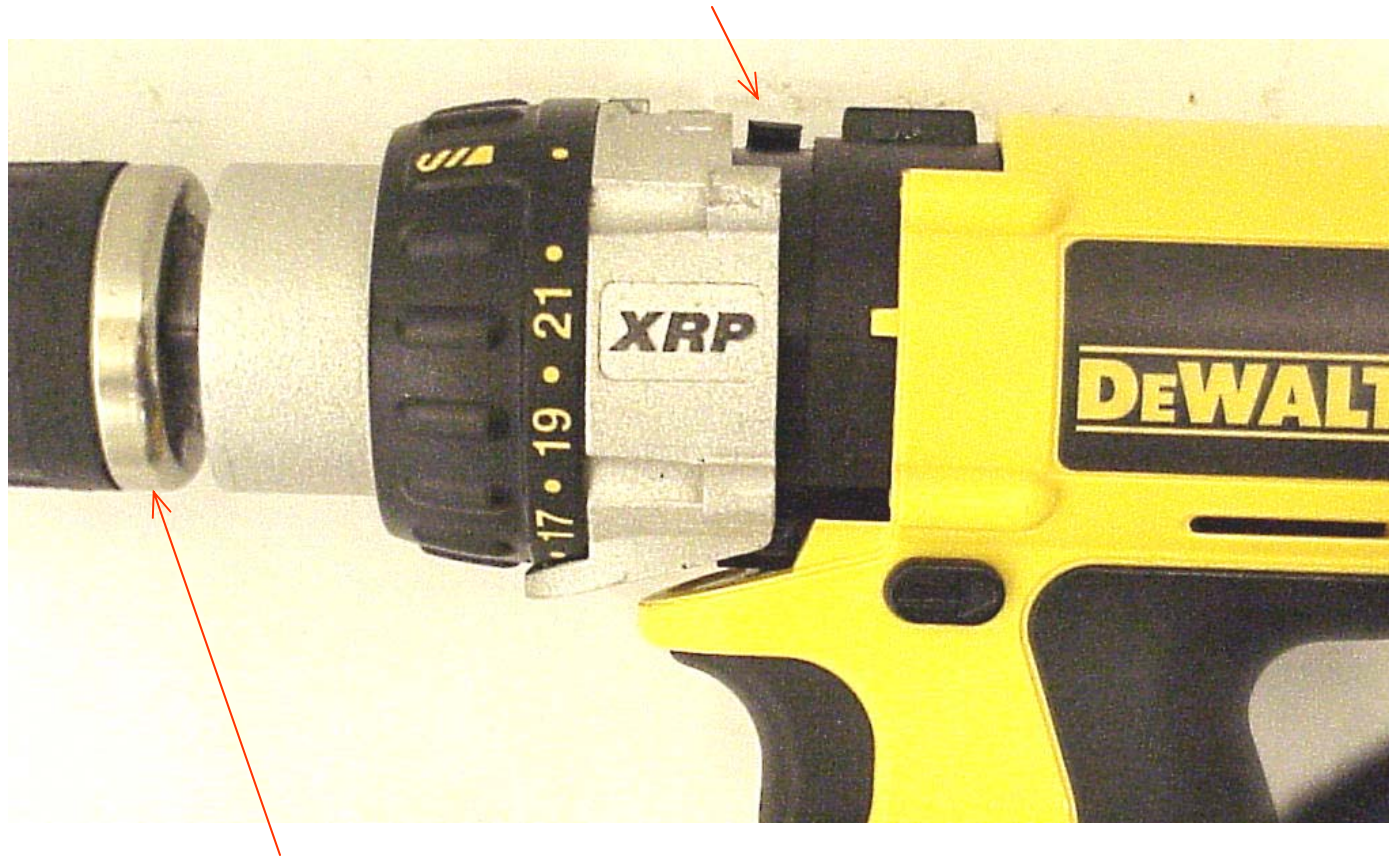


TO REMOVE CHUCK: TAKE OUT
CHUCK SCREW USING A T20 TORX BIT
(LEFT HAND THREADS).
NEXT, USE A CHUCK FIXTURE TO
LOCK SPINDLE AND REMOVE CHUCK
BY UNSCREWING IT FROM SPINDLE.

CHUCK REMOVAL
FIXTURE: 605693-00

GEAR CASE INSTALLATION

MUST DEPRESS DETENT SPRING



WHILE APPLYING LIGHT AMOUNT OF PRESSURE ROTATE
CHUCK TO ENGAGE SPINDLE IN TRANSMISSION