



Fan Clutch Rebuild. by Eric Stegall



78 FJ40 2F fan clutch assembly.



Fan clutch with silicone fluid.



Use an impact screwdriver to remove the philips screws.



Separate the two half's and be careful not to damage the O-ring. The O-ring always seems to get stretched out.



The manual says to use 50mL of 3000Cst of silicone fluid to refill the fan clutch. Each bottle is 18mL. Toyota P/N 08816-03001



After cleaning out all of the old silicone from the fan clutch halves, add about 50mL of silicone to the lower half of the clutch. This should be just enough to fill the holes and not overflow into the O-ring groove.



The fan clutch is full of silicone and the



I placed the top of the clutch on the



Reinstall the outer philips screws to

t
hammer
screwdriver
#3 phillips he
Impact Screw
3 bottles of s

- if you strip
you can repla
fastner.

- be careful n
that seals the

- brake clean
the remaining
parts.

O-ring is in the back half of the groove. Note how the O-ring has stretched. Some people cut out a small section of the O-ring and super glue it back together, but I didn't do that.

back of the O-ring and used a small flat blade screwdriver to push the O-ring back into it's groove. You must apply some pressure on the top piece to prevent the O-ring from popping out of the groove.

secure the cover, install the fan, and you are all done.