

Greasy Stuff 'Out'

... B-BUT HOW WAS I T'KNOW I SHOULDN'T GREASE TH' DRIVE GEAR?

BY READING THE CAUTION IN TH' TM, SMEDLEY!

When mounting the fuel control on a T-53 engine, never use grease on the drive gear or the mating

splines in the accessory drive gearbox.

The installed drive gear is lubricated and cooled by engine oil. The oil flows thru an oil hole in the gear to lube the splines.

If the oil hole is plugged up by grease, tho, you'll get excessive wear. The result will be spline failure, followed by engine flameout.

So leave the gear dry, as indicated in the CAUTION on Page 6-17 of TM 55-2840-229-23.

