

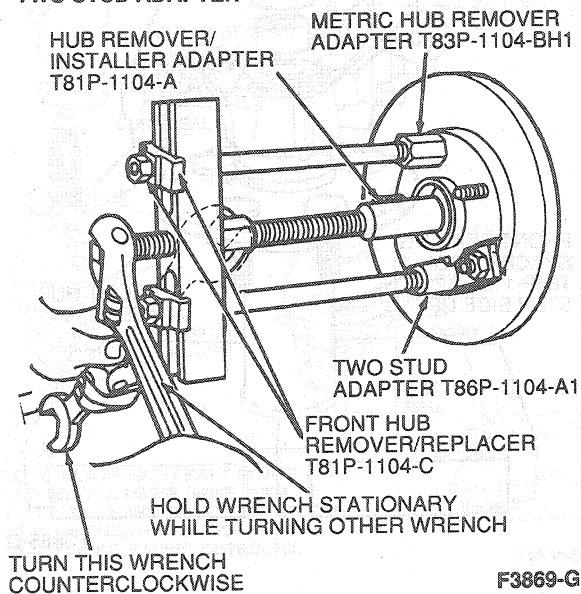
## REMOVAL AND INSTALLATION (Continued)

6. Remove rotor from hub by pulling it off the hub bolts. If rotor is difficult to remove from hub, strike rotor sharply between studs with a rubber or plastic hammer.

If rotor will not pull off, apply Rust Penetrant and Inhibitor D7AZ-19A501-AA (ESR-M99C56-A) or equivalent to inboard and outboard rotor hub mating surfaces. Install 3-Jaw Puller D80L-1013-A or equivalent and remove rotor by pulling on rotor outside diameter and pushing on hub center. If excessive force is required for removal, check rotor for lateral runout prior to installation.

7. Lateral runout must be checked with nuts clamping stamped hat section of rotor.
8. Remove rotor splash shield. Refer to Section 06-03.
9. Disconnect lower control arm and tie rod from knuckle (leave strut attached) as outlined.
10. Loosen two strut top mount-to-apron nuts.
11. Install Hub Remover / Installer Adapter T81P-1104-A with Front Hub Remover / Replacer T81P-1104-C and Wheel Bolt Adapters T83P-1104-BH1 and Two Stud Adapter T86P-1104-A1 and remove hub, bearing and knuckle assembly by pushing out CV joint outer shaft until it is free of assembly.

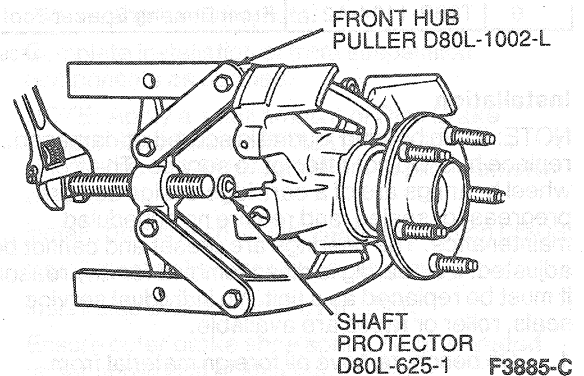
**MAKE SURE THE HUB REMOVER ADAPTER IS FULLY THREADED ONTO THE HUB STUD AND IS POSITIONED OPPOSITE THE TWO STUD ADAPTER**



12. Support knuckle with a length of wire, remove strut bolt and slide hub/bearing/knuckle assembly off strut.
13. Carefully remove support wire, and carry hub/bearing/knuckle assembly to a bench.

14. On the bench, install Front Hub Puller D80L-1002-L and Shaft Protector D80L-625-1 or equivalent, with jaws of puller on knuckle bosses and remove hub.

NOTE: Ensure the shaft protector is centered, clears the bearing ID, and rests on the end face of the hub journal.



15. Remove snap ring, which retains bearing in knuckle assembly, with snap ring pliers and discard.
16. Using a hydraulic press, place Front Bearing Spacer T86P-1104-A2 step side up on press plate and position knuckle (outboard side up) on the spacer. Install Front Bearing Remover T83P-1104-AH2 centered on the bearing inner race and press bearing out of the knuckle.
17. Discard bearing.

