TECHNICAL MANUAL

AVIATION UNIT AND AVIATION INTERMEDIATE MAINTENANCE MANUAL

ENGINE, GAS TURBINE MODEL T55-L-714 NSN 2840-01-353-7635

HEADQUARTERS, DEPARTMENT OF THE ARMY
1 DECEMBER 1994

Technical Manual

NO. 1–2840–252–23

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D.C., 1 December 1994

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve these procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA–NP, Redstone Arsenal, AL 35898–5000. A reply will be furnished to you. You may also rpovide DA Form 2028 information to AMCOM via e–mail, fax, or the World Wide Web. Our fax number is: DSN 788–6546 or Commercial 256–842–6546. Our e–mail address is: 2028@redstone.army.mil. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028. For the World Wide Web use: https://amcom2028.redstone.army.mil.

OZONE DEPLETING CHEMICAL INFORMATION

This document has been reviewed for the presence of class I ozone depleting chemicals. As of the basic, dated 1 December 1994, all references to Class I ozone depleting chemicals have been removed from this document by substitution with chemicals by the Engineering, Environment, and Logistics Oversight Office that do not cause atmospheric ozone depletion.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited

NOTE

This manual is printed in three volumes as follows:
TM 1–2840–252–23–1, consisting of Table of Contents, Chapter 1, Chapter 2, pages 2–1 through 2–322
TM 1–2840–252–23–2, consisting of Table of Contents, Chapter 2, pages 2–323 through 2–425/(2–426 blank), Chapter 3, Chapter 4, Chapter 5, Chapter 6, pages 6–1 through 6–182.
TM 1–2840–252–23–3, consisting of Table of Contents, Chapter 6, pages 6–183 through 6–265/(6–266 blank), Chapter 7, chapter 8, and Chapter 9, Appendix A through Appendix G, and an Alphabetical Index.
The Appendices and Index are applicable to Volumes 1 through 3.

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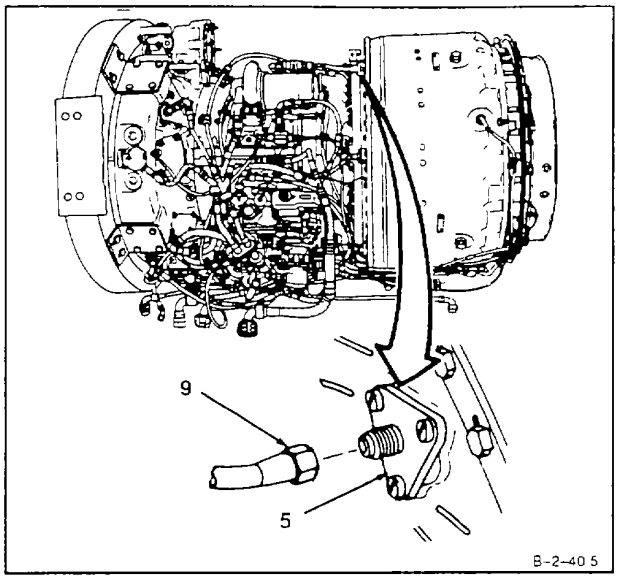
3. **Repair leaking or cracked connector (5)** as follows

   a. Disconnect hose assembly (9) from connector (5)

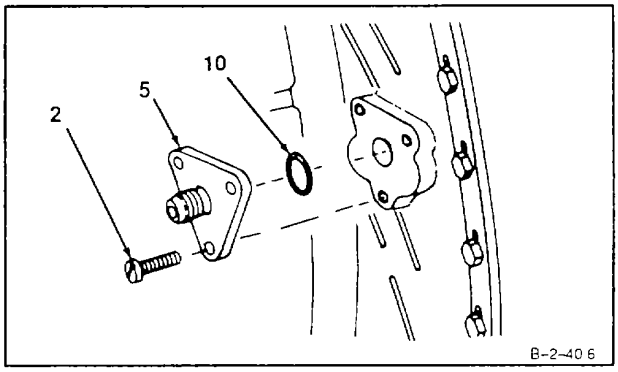


   b. Remove lockwire and three screws (2)

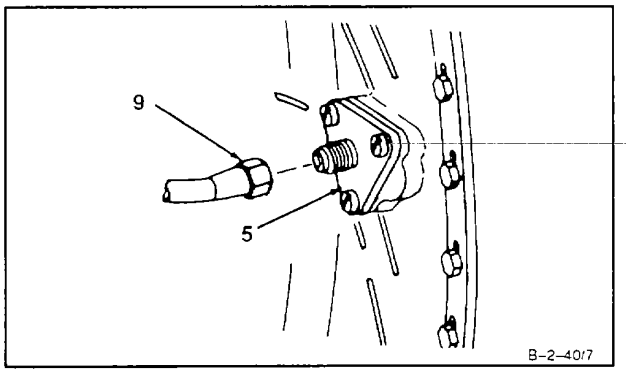
   c. Remove connector (5) and gasket (10)

   d. Install gasket (10), serviceable connector (5), and three screws (2)

   e. Lockwire three screws (2) Use lockwire (E33)



   f. Connect hose assembly (9) to connector (5)



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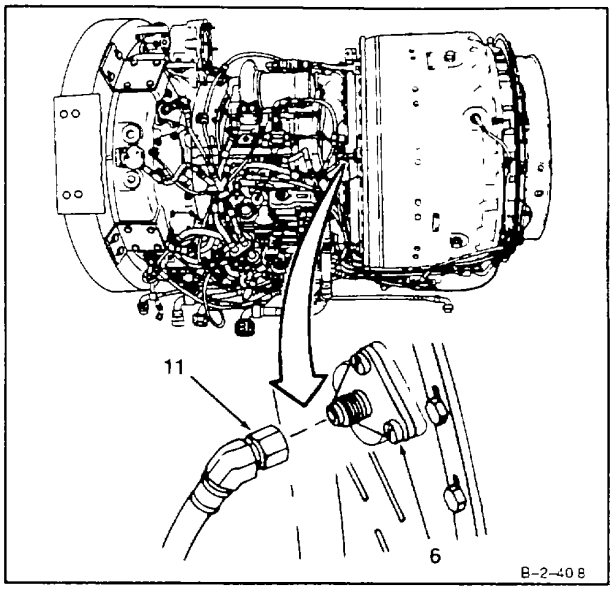
4. **Repair leaking or cracked flange (6)** as follows

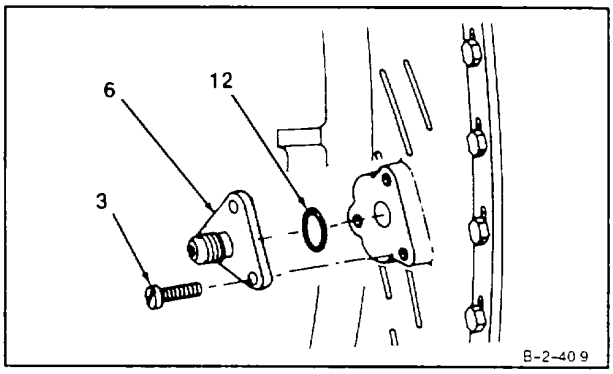
   a. Remove lockwire and disconnect hose assembly (11) from flange (6)



   b. Remove three screws (3)

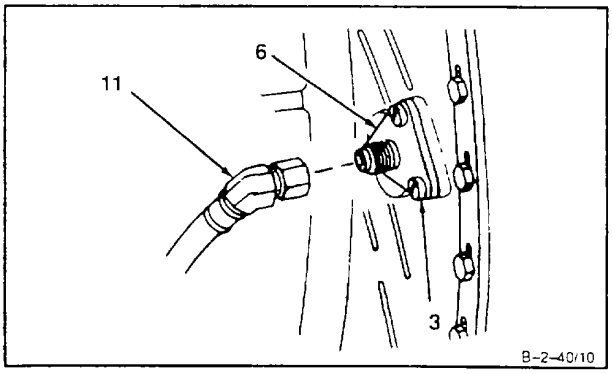
   c. Remove flange (6) and gasket (12)

   d. Install gasket (12), serviceable flange (6), and three screws (3)



   e. Connect hose assembly (11 to flange (6)

   f. Lockwire three screws (3) Use lockwire (E33)



INSPECT

FOLLOW-ON MAINTENANCE
None

END OF TASK

SECTION VIII

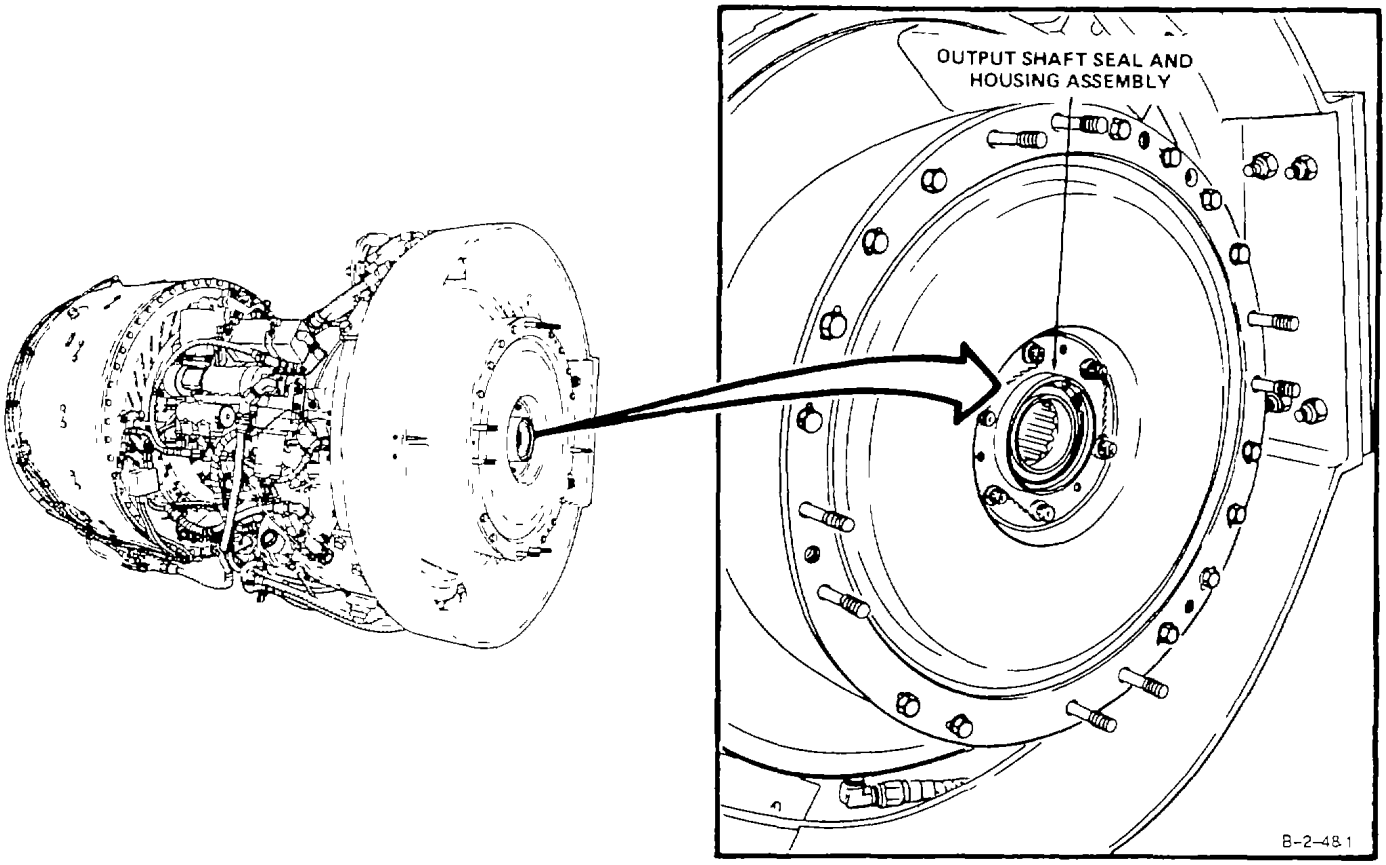
OUTPUT SHAFT SEAL AND HOUSING ASSEMBLY

2-39 REMOVE OUTPUT SHAFT SEAL AND HOUSING ASSEMBLY 2-39

INITIAL SETUP

Applicable Configurations:
All
Tools:
Powerplant Mechanic's Tool Kit, NSN 5180-00-323-4944
Handling Tool (T26) (3)

Materials
Wiping Rag (E64)
Personnel Required:
Aircraft Powerplant Repairer
References:
Task 2-41



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