4000 PRODUCT FAMILIES SERVICE MANUAL—ALLISON 4th GENERATION

 Removal of Rear Cover and Output Shaft Module (4700 and 4800 Models)

(Figure 4-11 and Figure 4-12)

- Remove fourteen bolts 4 (Figure 4–12). Remove five bolts 5.
- 2. If used, remove the rear support bracket.
- Thread an M14 eye bolt into output shaft 7 (Figure 4–11) and lift upward to remove rear cover module 6.
- Remove rear cover gasket 3 from C6 adapter housing module 2 or from rear cover module 6.

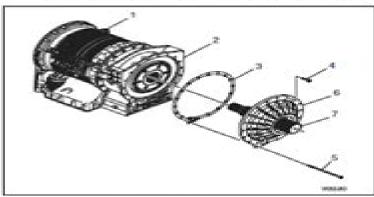


Figure 4–11. Removal of Rear Cover and Output Shaft Module

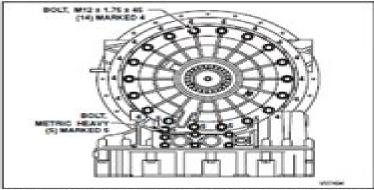


Figure 4-12. Rear Cover and Output Shaft Module Bolts

- m. Removal of C6 Adapter Housing Module (4700 and 4800 Models) (Figure 4–13)
 - Remove fourteen bolts 3 that secure the C6 adapter bousing module 4 to main housing module 1 using special tool J 43046.

WARNING!

Get help when lifting the C6 adapter housing module. Assistance from a hoist or another person may be required. The C6 adapter housing module weighs approximately 68 kg (150 lb).

- Attach a sling to the C6 adapter housing module 4 with the legs of the sling equally spaced on the module. Using a chain hoist, carefully lift the C6 adapter housing module 4 from the transmission.
- Remove and discard C6 adapter housing gasket 2.
- Remove and discard eleven tolerance rings 5.

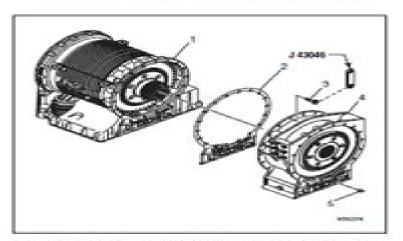


Figure 4-13. Removal of C6 Adapter Housing Module (4700 and 4800 Models)

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Rachel S Tattersall

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