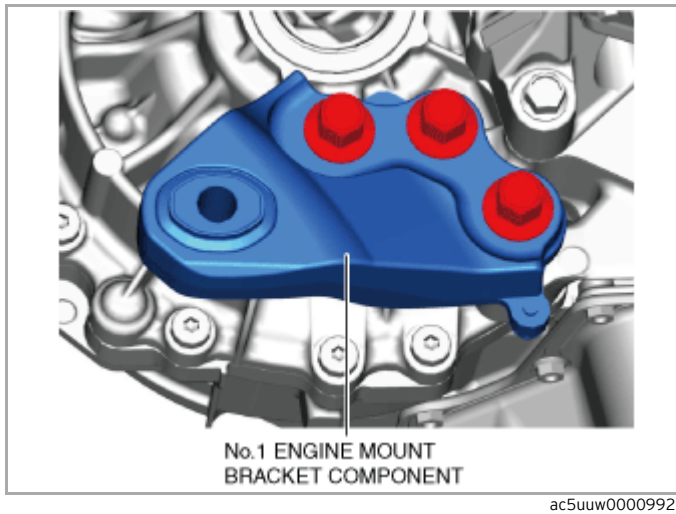


Your Ultimate Source for OEM Repair Manuals

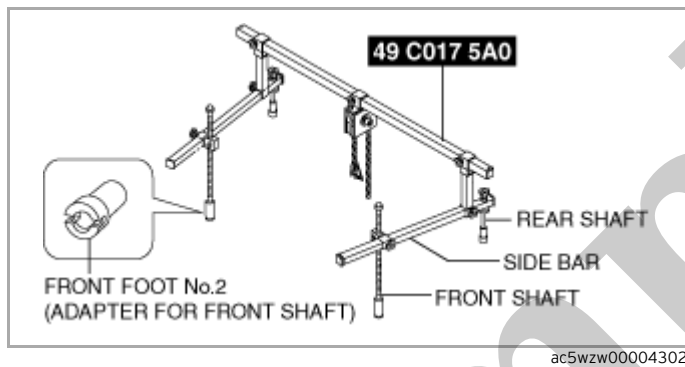
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2013 MAZDA Flairwagon OEM Service and Repair Workshop Manual

[Go to manual page](#)



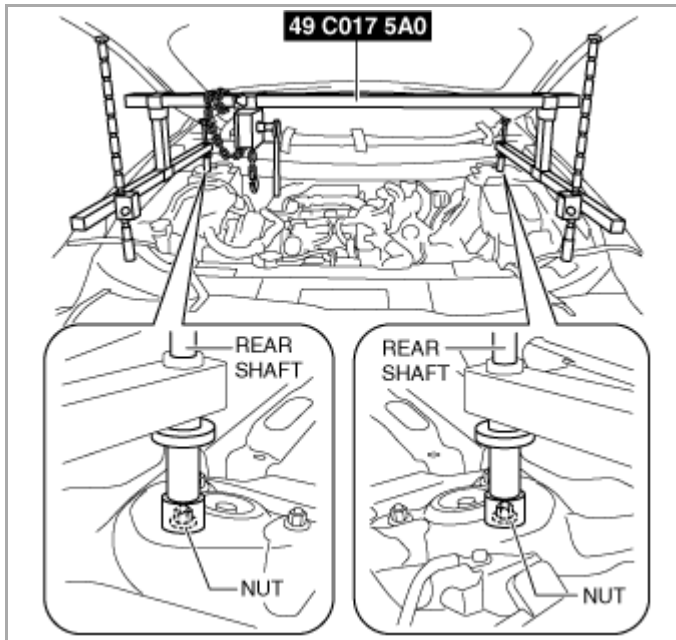
38. Install the SST using the following procedures.



Caution

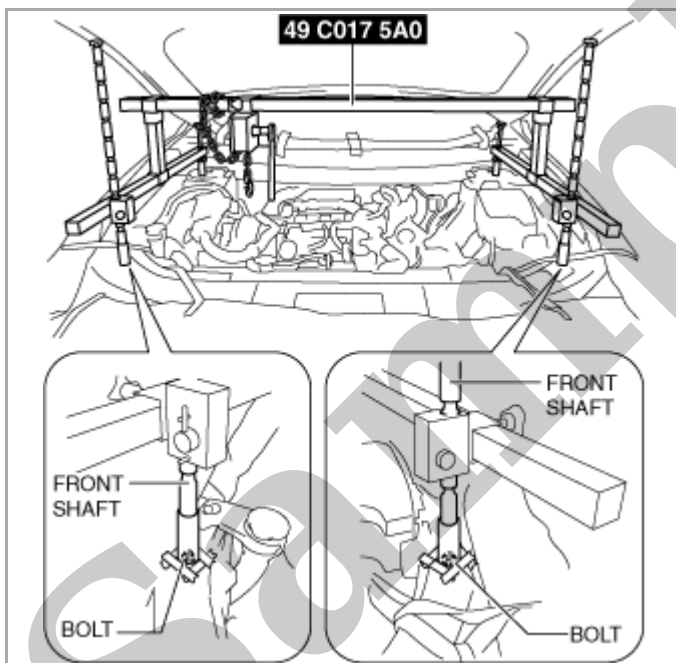
- Refer to the SST instruction manual for the basic handling procedure.

- (1) Remove the windshield wiper arm and blade. (See [WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.](#))
- (2) Remove the cowl grille. (See [COWL GRILLE REMOVAL/INSTALLATION.](#))
- (3) Remove the windshield wiper motor and link. (See [WINDSHIELD WIPER MOTOR AND LINK REMOVAL/INSTALLATION.](#))
- (4) Remove the keyless beeper. (with advanced keyless entry system) (See [KEYLESS BEEPER REMOVAL/INSTALLATION.](#))
- (5) Remove the cowl panel. (See [COWL PANEL REMOVAL/INSTALLATION.](#))
- (6) Protect the positions shown in the figure using tape.



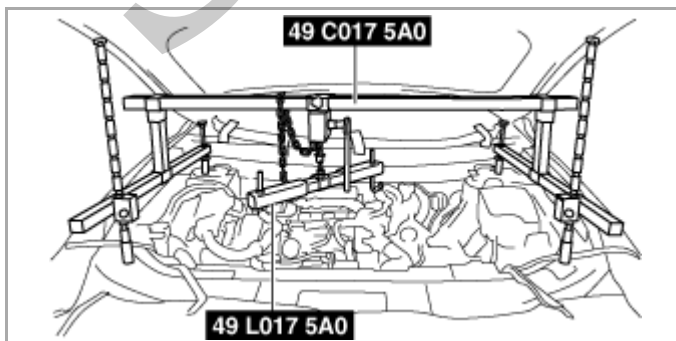
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(11) As shown in the figure, set the front shafts of the SST to the left and right bolts.



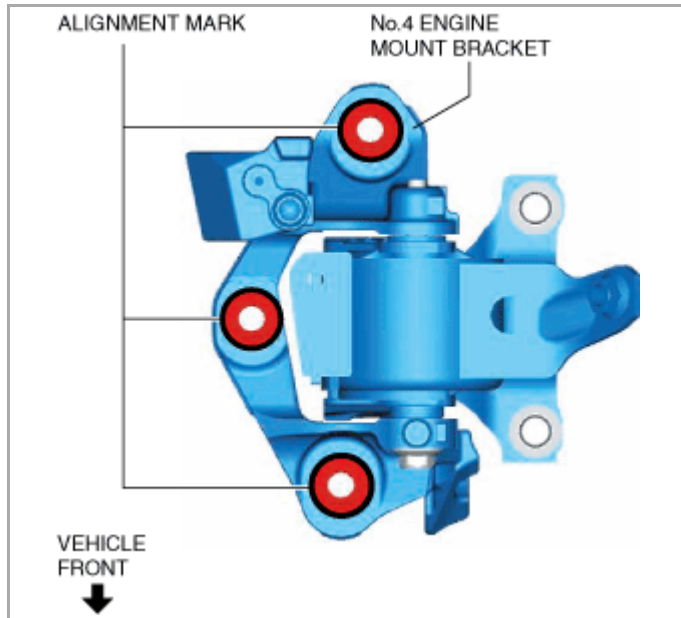
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(12) Install the SST (49 L017 5A0) to the SST (49 C017 5A0) as shown in the figure.



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(13) Install the SST (49 L017 5A0) to the SST (49 UN30 3050) with the hook of the SST (49 L017 5A0) facing outward.



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Note

- Paint so that the outline of the nut is framed on the bracket side.

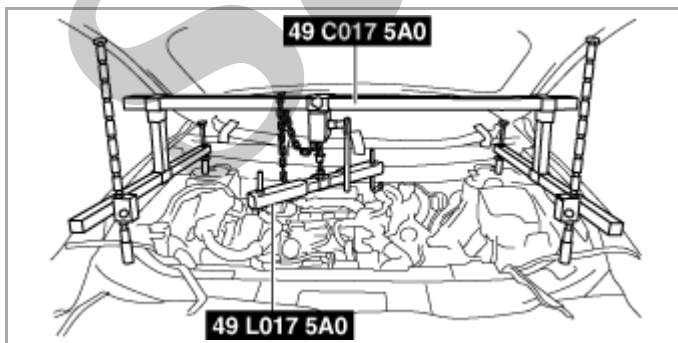
2.Remove the No.4 engine mount bracket.

Transaxle mounting bolt removal note

Warning

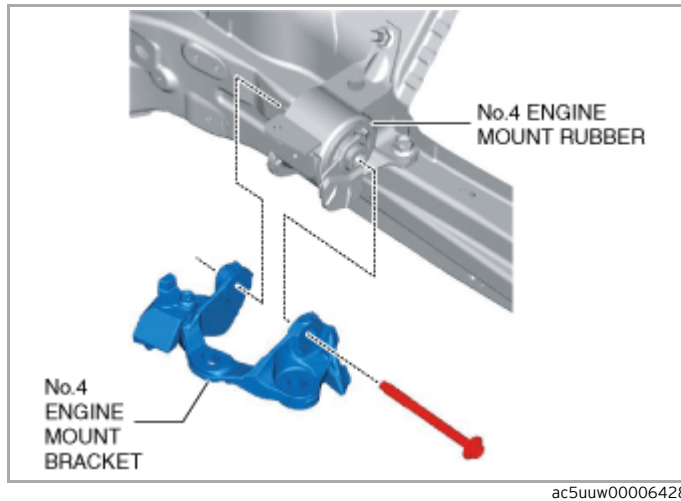
- Remove the transaxle carefully, holding it steady. If the transaxle falls it could be damaged or cause injury.

1.Adjust the SST and lean the engine toward the transaxle.

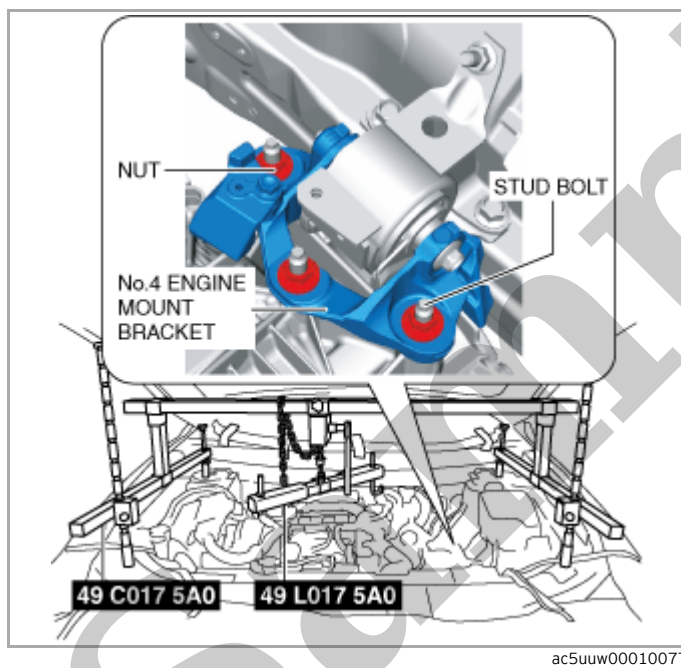


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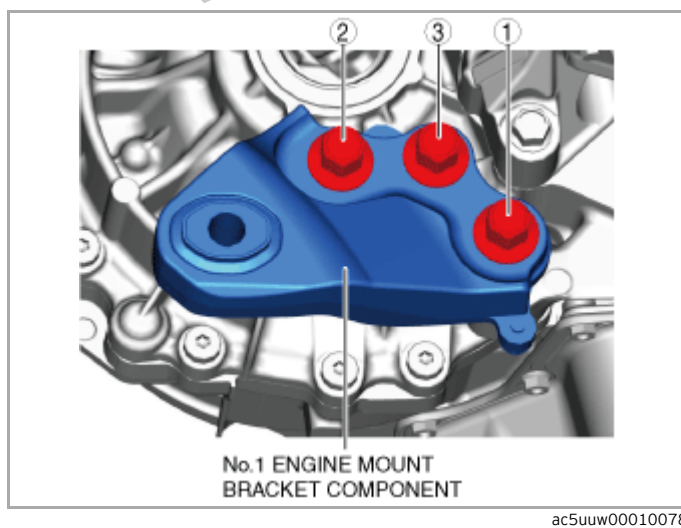
2.Support the transaxle on a jack.



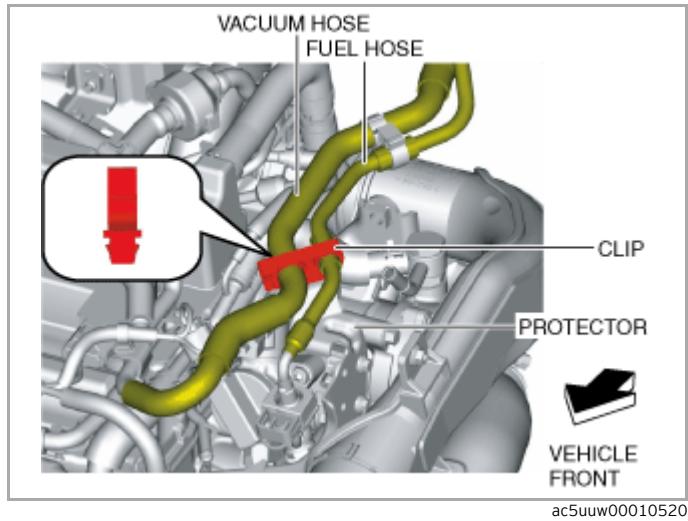
6. Lift up the transaxle using the SSTs, pass the transaxle stud bolts through the No.4 engine mount bracket, and temporarily tighten the No.4 engine mount bracket installation nuts.



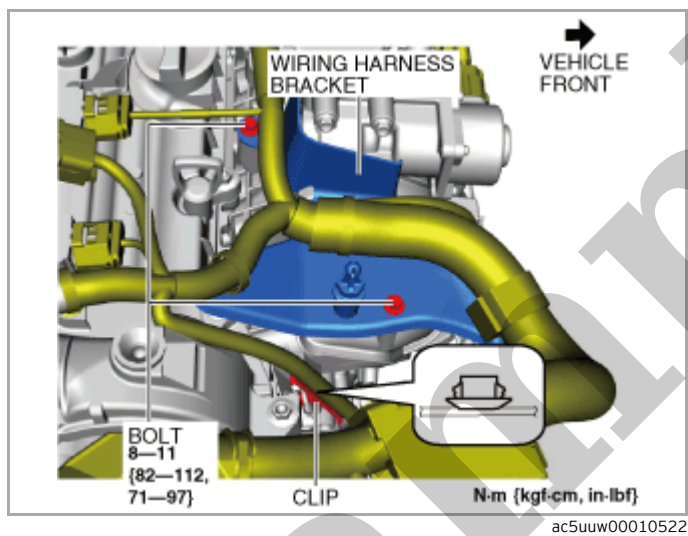
7. Install the No.1 engine mount bracket component, and tighten the installation bolts in the order shown in the figure.



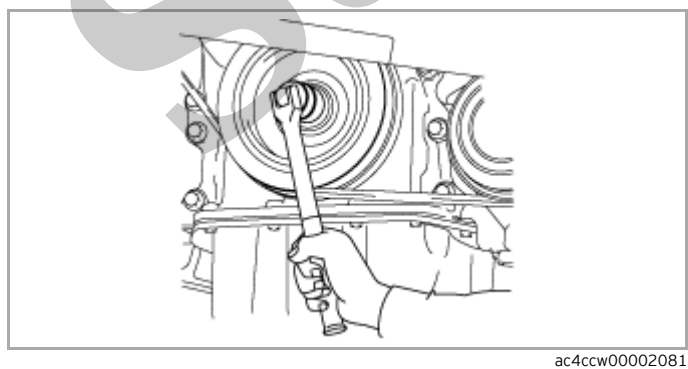
Tightening torque



20. Install the bolts and clip shown in the figure.



21. Fix the crankshaft pulley to lock the torque converter against rotation.



Caution

- After temporarily tightening the torque converter installation nut uniformly, tighten it to the specified torque.

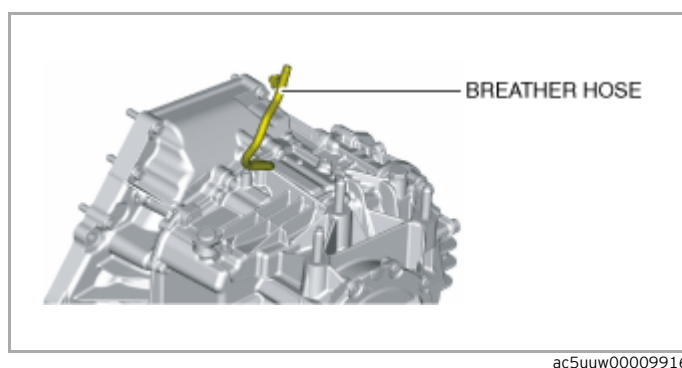
22. Tighten the torque converter installation nut.

Note

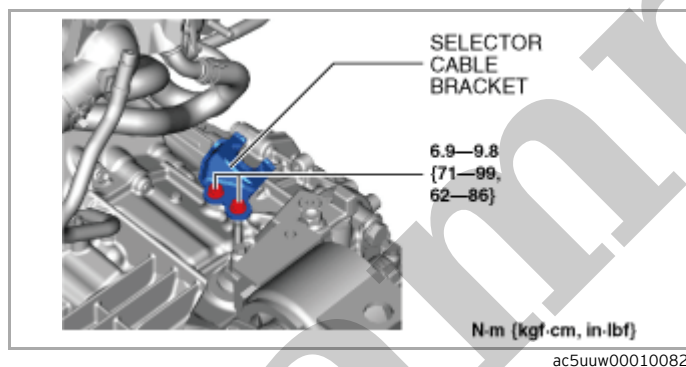
39. Install the intermediate shaft to the steering gear and linkage. (See [STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.](#))

40. Install the joint cover. (See [STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.](#))

41. Connect the breather hose to the transaxle.

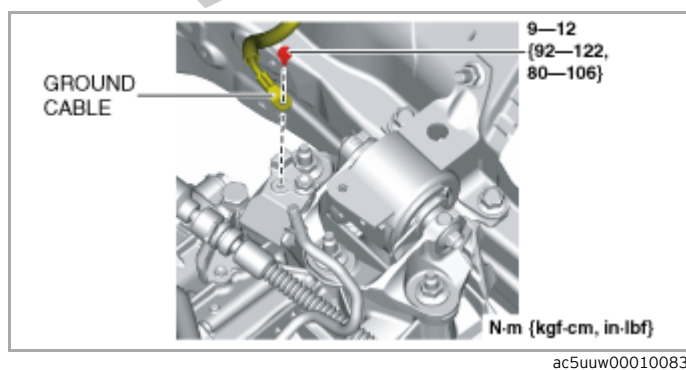


42. Install the selector cable bracket.



43. Connect the selector cable to the transaxle. (See [SELECTOR CABLE REMOVAL/INSTALLATION.](#))

44. Connect the ground cable as shown in the figure.



45. Connect the control valve body connector.

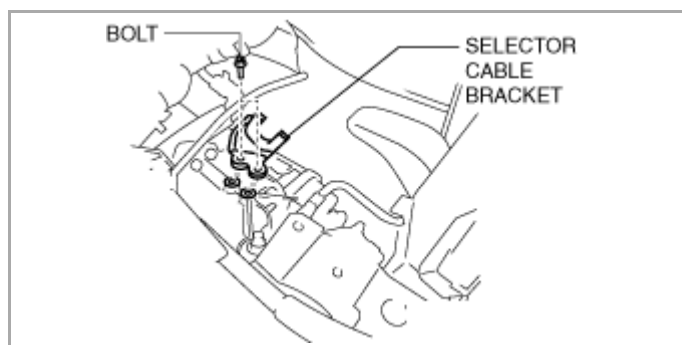
Caution

59.Perform the “Mechanical System Test”. (See **MECHANICAL SYSTEM TEST [GW6A-EL, GW6AX-EL].**)

Sample

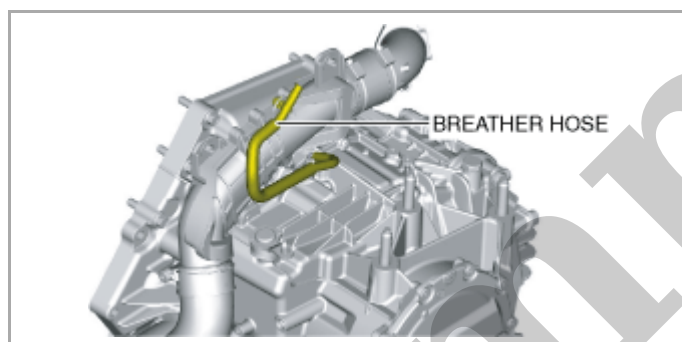
9. Disconnect the selector cable from the transaxle. (See [SELECTOR CABLE REMOVAL/INSTALLATION](#).)

10. Remove the selector cable bracket.



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11. Disconnect the breather hose from the transaxle.



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12. Remove the joint cover. (See [STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION](#).)

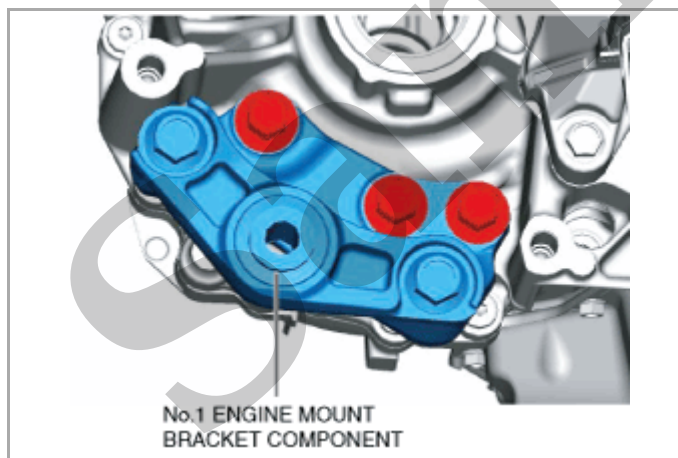
13. Disconnect the intermediate shaft from the steering gear and linkage. (See [STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION](#).)

14. Drain the engine coolant. (See [ENGINE COOLANT REPLACEMENT \[SKYACTIV-D 2.2\]](#).)

15. Remove the EGR cooler. (See [EGR COOLER REMOVAL/INSTALLATION \[SKYACTIV-D 2.2\]](#).)

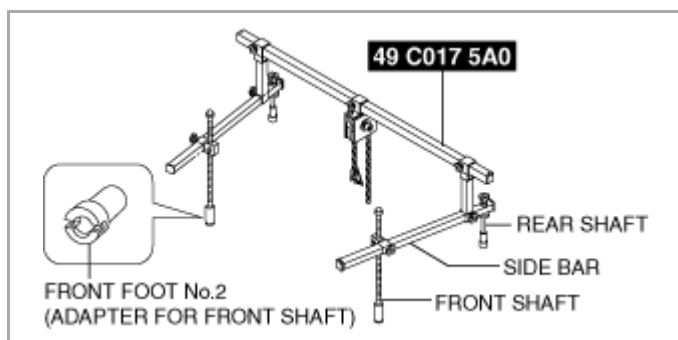
16. Disconnect the solenoid valve connectors and the wiring harness from the solenoid valve component. (See [COMPRESSOR BYPASS SOLENOID VALVE REMOVAL/INSTALLATION \[SKYACTIV-D 2.2\]](#).) (See [REGULATING SOLENOID VALVE REMOVAL/INSTALLATION \[SKYACTIV-D 2.2\]](#).) (See [WASTEGATE SOLENOID VALVE REMOVAL/INSTALLATION \[SKYACTIV-D 2.2\]](#).)

30. Disconnect the tie-rod ends from the steering knuckles. (See [STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION.](#))
31. Disconnect the front lower arms from the steering knuckles. (See [FRONT LOWER ARM REMOVAL/INSTALLATION.](#))
32. Disconnect the front stabilizer control links from the front stabilizer. (See [FRONT STABILIZER REMOVAL/INSTALLATION.](#))
33. Disconnect the front drive shaft (LH) from the transaxle. (See [FRONT DRIVE SHAFT REMOVAL/INSTALLATION.](#))
34. Remove the front drive shaft (RH) from the transfer. (See [FRONT DRIVE SHAFT REMOVAL/INSTALLATION.](#))
35. Remove the propeller shaft. (See [PROPELLER SHAFT REMOVAL/INSTALLATION.](#))
36. Remove the front crossmember component and No.1 engine mount rubber as a single unit. (See [FRONT CROSSMEMBER REMOVAL/INSTALLATION.](#))
37. Remove the transfer. (See [TRANSFER REMOVAL/INSTALLATION \[GW6AX-EL \(SKYACTIV-D 2.2\)\].](#))
38. Remove the No.1 engine mounting bracket component.



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39. Install the SST using the following procedures.



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