

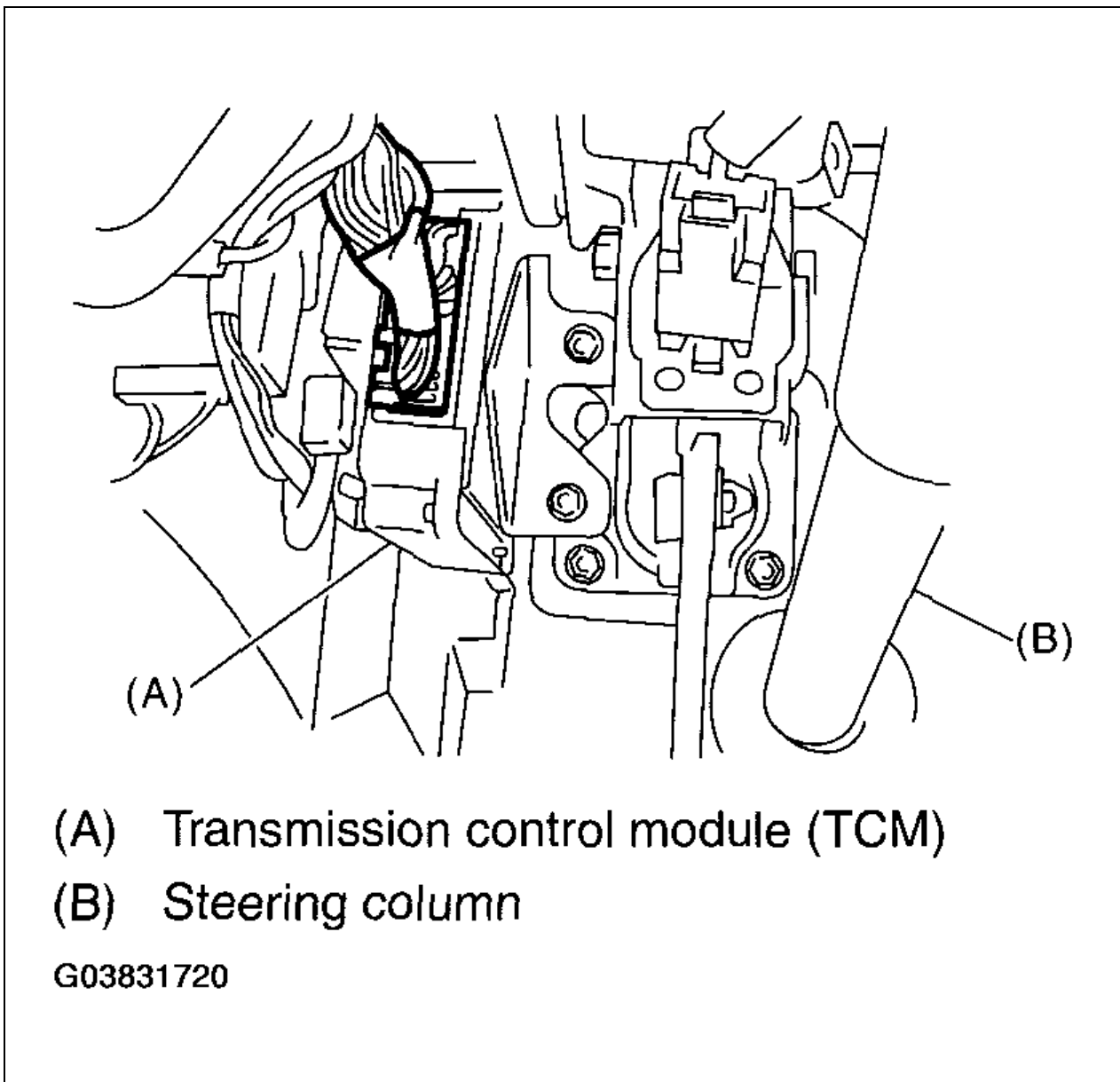
YMMS: 2005 Subaru Outback R L.L. Bean Edition  
Engine: 3.0L Eng  
VIN: 4S4BP86C754343100

Apr 14, 2021  
License:  
Odometer:

## REMOVAL

1. Disconnect the ground cable from battery.
2. Remove the lower cover and then disconnect the connector.
3. Disconnect the connector from TCM.

Fig 1: Disconnecting Connector From TCM



Courtesy of SUBARU OF AMERICA, INC.

4. Remove the relay from TCM body.

5. Remove the TCM.

## INSTALLATION

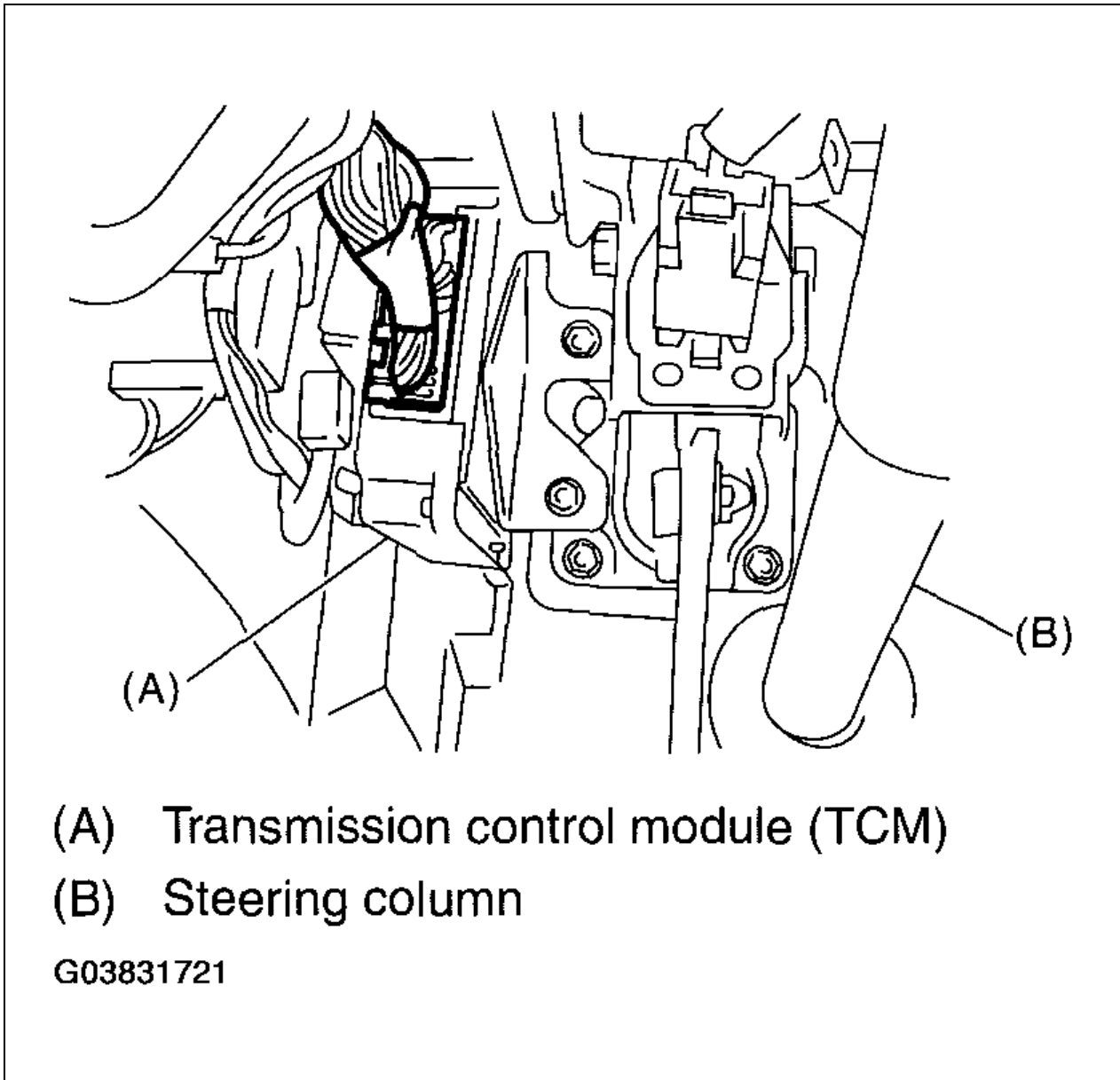
1. Install the relay to TCM body.

2. Install the TCM.

**Tightening torque:**

**7.5 N.m (0.76 kgf-m, 5.5 ft-lb)**

Fig 2: Installing Transmission Control Module



Courtesy of SUBARU OF AMERICA, INC.

3. Connect the connector to TCM.

4. Install in the reverse order of removal.

5. Perform the Clear Memory 2. < Ref. to , CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor. >

- a. Connect the Subaru Select Monitor to data link connector.
  - b. Turn ignition switch to ON (engine OFF) and turn Subaru Select Monitor switch to ON.
  - c. Ensure that the select lever is in "P" range.
  - d. On the << Main Menu>> display screen, select the {Each System Check} and press the [YES] key.
  - e. On the << System Selection Menu>> display screen, select the {Transmission} and press the [YES] key.
  - f. Press the [YES] key after the information of transmission type has been displayed.
  - g. On the << Transmission Diagnosis>> display screen, select the {Clear Memory 2} and press the [YES] key.
6. Perform the inspection with driving the vehicle at the end of repair work, and make sure there is no faulty as below;
1. Excessive shift shock
  2. Oil leakage from transmission proper and etc.
  3. Occurrence of noise caused by interference etc.

**NOTE:** *If excessive shift shock is felt, execute the advance operation of learning control. < Ref. to , PROCEDURE, Learning Control. >*