

TRANSMISSION REMOVAL & INSTALLATION - A/T

1992 Subaru SVX

1992-94 TRANSMISSION SERVICING
Subaru - Transmission Removal & Installation

SVX

AUTOMATIC

Removal

1) Open hood fully. Disconnect negative battery terminal. Remove throttle body cover and air intake boot. Remove torque strut. Disconnect transmission air vent hoses from torque strut bracket and remove bracket from transmission case.

2) Disconnect PCV valve hose and hose from crankcase to collector. Disconnect transmission harness connectors. Disconnect transmission ground terminal connector. Disconnect vehicle speed sensor. Disconnect left and right O2 sensors.

3) Raise and support vehicle. Remove lower starter nut. Lower vehicle. Disconnect starter wiring. Remove starter. Remove torque converter service hole plug. Remove torque converter-to-drive plate bolts. Rotate engine to bring bolts to service plug hole. Install Engine Support (927670000), in place of torque strut. Remove bolts holding right upper side of transmission to engine. Remove transmission and differential dipsticks.

4) Raise vehicle and remove engine undercover. Remove O2 sensor harness from clip. Remove front exhaust pipes and rear catalyst converter. Remove front exhaust cover.

5) Remove drive shaft-to-companion flange bolts of rear differential. Remove bolts holding drive shaft center support bearing to body. Remove drive shaft from transmission. Plug opening in transmission after removal of drive shaft. Remove selector cable from selector lever assembly. Remove selector cable bracket from body.

6) Remove ball joint of lower control arm from knuckle arm of housing. Remove stabilizer link from mounting bracket. Remove brake hose and ABS sensor harness from starter bracket. Remove spring pin holding axle shaft into front differential drive shaft. Remove axle shaft from transmission.

7) Disconnect ATF cooler hoses from pipes and transmission side. Remove nuts holding lower side of transmission to engine. Support transmission with transmission jack. Remove bolts securing rear crossmember to body. Ensure torque converter stays with transmission, pull transmission away from engine and remove transmission from vehicle.

Installation

Reverse removal procedure. Always use NEW roll pins when installing axle shafts. Tighten bolts to specification. Refer to the TORQUE SPECIFICATIONS table.

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS TABLE

Application	Ft. Lbs. (N.m)
Crossmember Bolts	27-49 (37-66)
Engine Mount Bracket Bolts	27-49 (37-66)
Engine Mount-To-Body Bolts	27-49 (37-66)
Torque Converter-To-Drive Plate Bolts	17-20 (23-27)
Torque Strut Bolt	31-46 (42-62)

Transaxle-To-Engine Bolts	34-40	(46-54)
Transaxle Mount-To-Body Bolts	27-49	(37-66)
Transverse Link-To-Crossmember	54-69	(73-94)
