

TOYOTA

SERVICE BULLETIN

TOYOTA MOTOR SALES, U.S.A., INC.

VOLUME

10

REFERENCE	HEATING & AIR CONDITIONING
NUMBER	009
DATE	05-11-90
MODEL	'90 ST

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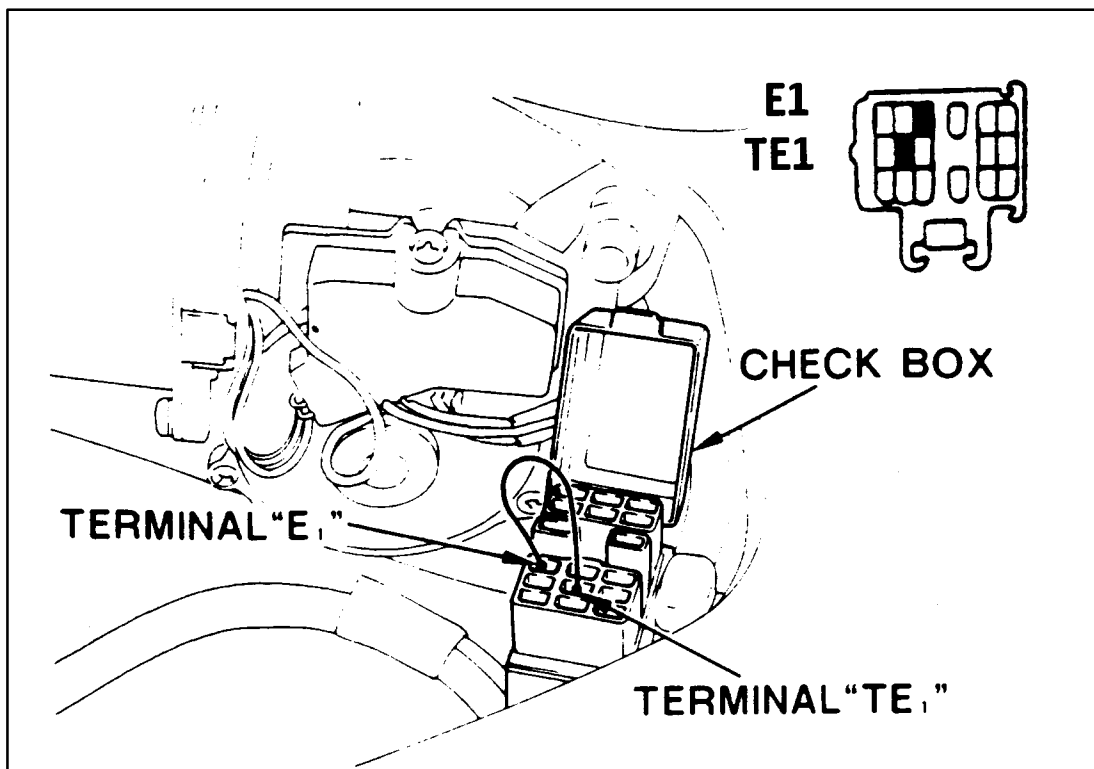
'90 CELICA ENGINE IDLE ADJUSTMENT AFTER A/C INSTALLATION

To adjust idle speed after installation of Air Conditioning on a 1990 Celica with 5S-FE engine, use the following procedure:

ADJUSTING PROCEDURE:

Before starting the adjustment procedure, warm-up the engine by holding it above 2500 rpm for a minimum of 2 minutes.

1. With the engine off, connect terminal "TE1" and "E1" by using a shorting pin SST P/N 09843-18020. Terminals "TE1" and "E1" are located in the Diagnostic Check Connector near the power brake cylinder.



'90 CELICA ENG. IDLE ADJUSTMENT AFTER A/C INSTALLATION (CONT'D)

2. Set the parking brake, put the transmission in "Park" or "N," then start the engine.
3. Remove vacuum hose marker "#*" from the top port of the ASV as shown in figure 1. Remove vacuum hose marked "#0" from the VSV, and connect it to the top port of the ASV as shown in figure 2.

NOTE: This will activate A/C idle-up.

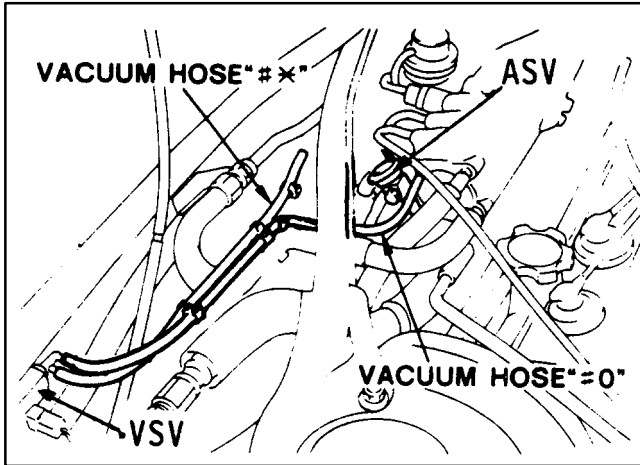


Figure 1

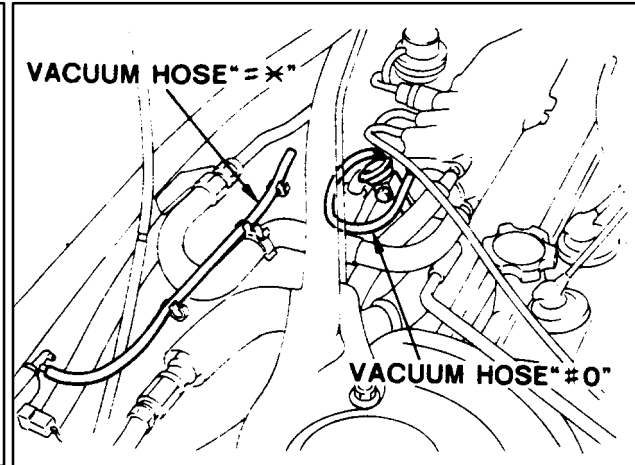
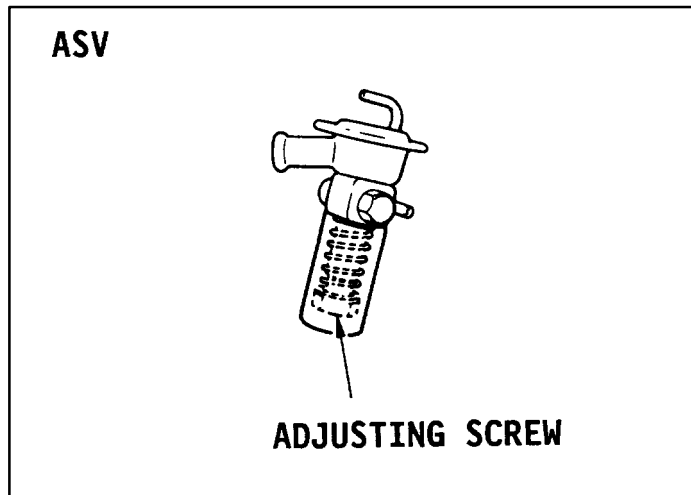


Figure 2

4. Adjust the following Components/Accessories:
 - All electrical load off.
 - Tires straight to alleviate power steering pump load.
 - Switch the "A/C" button "OFF."
 - Set Blower Fan Speed Control switch to "OFF."
5. With the condenser fan not running, check that the idle speed is 1200 ± 50 rpm.

'90 CELICA ENG. IDLE ADJUSTMENT AFTER A/C INSTALLATION (CONT'D)

6. If the idle speed is out of this range, use a screwdriver to adjust the ASV engine idle speed adjustment screw so that it is 1200 ± 50 rpm.



7. Restore Vacuum Hoses to their original positions as shown below, turn off engine, remove the SST and close the cover to the Diagnostic Check Connector.

