

TOYOTA

SERVICE BULLETIN

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

VOLUME

10

REFERENCE ENGINE _____

NUMBER 022 _____

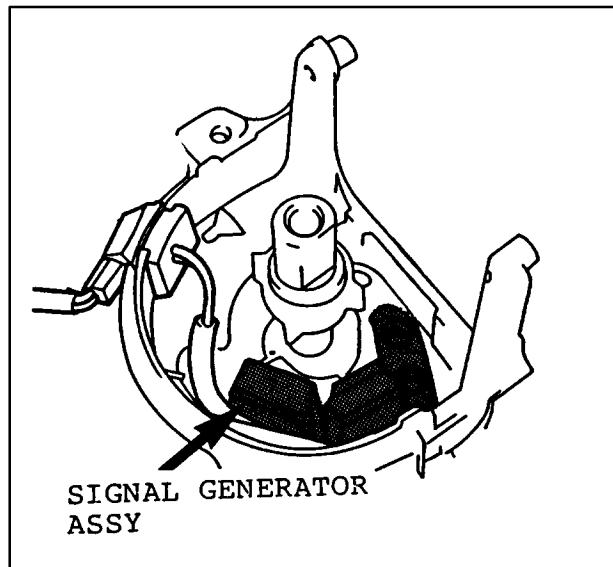
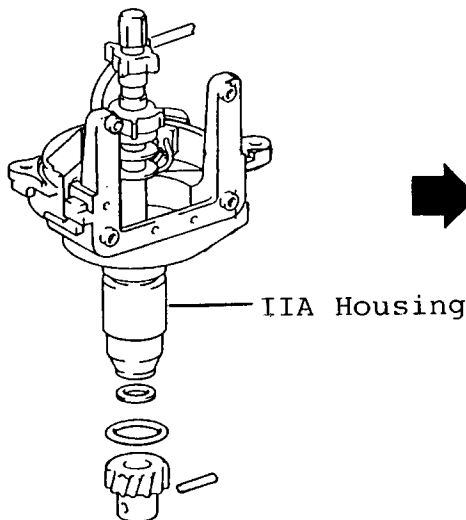
DATE 05-11-90 _____

MODEL RN, RA, SV, ST, YR _____

Page 1 of 2

22R-E, 2S-E, 4Y-E SIGNAL GENERATOR AVAILABLE AS SEPARATE PART

For improved serviceability, the signal generator is now available as a separate part. It is no longer necessary to replace the entire distributor assembly in the event of a signal generator failure.



PART NUMBER INFORMATION:

ENGINE	PREVIOUS P/N	NEW P/N	PART NAME
22R-E	N/A	19250-35180	Signal Generator Assembly
2S-E	N/A	19250-74010	
4Y-E	N/A	19250-73010	
22R-E	19100-35180	<— same	Distributor Assembly (includes Signal Generator)
2S-E	19040-74010	<— same	
4Y-E	19040-73010	<— same	

NOTE: The distributor assembly is unchanged. The part number is included for reference only.

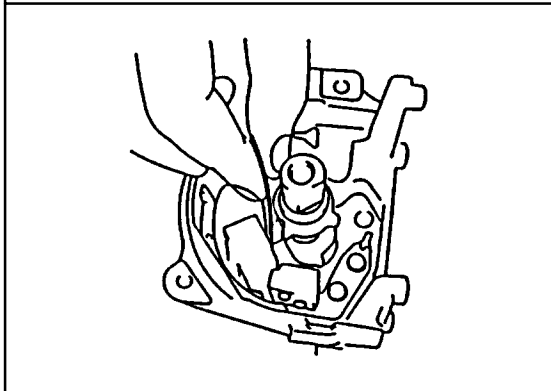
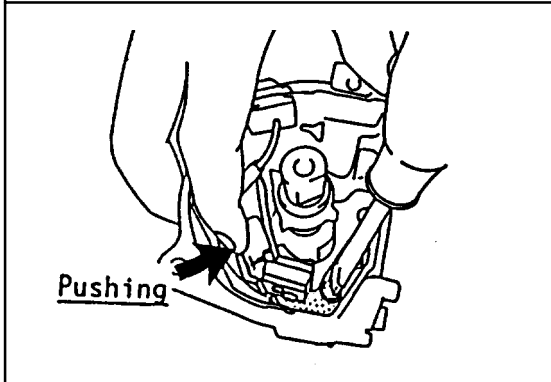
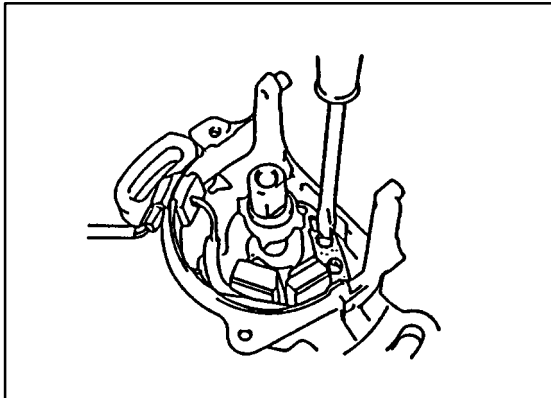
22R-E, 2S-E, 4Y-E SIGNAL GENERATOR AVAILABLE AS SEPARATE PART (CONT'D)

INSTALLATION INSTRUCTIONS:

The instructions below have been inserted in the box along with the signal generator to explain the replacement procedure.

NOTICE

Replacement Procedure for Signal Generator Assembly



1. Disassemble the Integrated Ignition Assembly (IIA) from the housing.
2. Remove the two screws (painted white) and remove the signal generator assembly.
3. Install the new signal generator into the housing and temporarily tighten it using the new screws in the parts kit.
4. Set the tooth of the signal rotor at a right angle to the pickup coil projection of the signal generator, and insert a feeler gauge (0.25 mm, 0.010") between the tooth of the signal rotor and the pickup coil projection.
5. Tighten the two screws while lightly pushing the pickup coil toward the signal rotor.
6. Remove the feeler gauge.
7. Check the gap between the signal rotor and pickup coil projection with a non-ferrous feeler gauge.
 Air gap: 0.2 – 0.3 mm
 (0.008 – 0.012 inch)
8. Assemble the IIA.