

2002 ENGINE PERFORMANCE

Toyota Introduction

2002 MODEL COVERAGE

MODEL	ENGINE	ENGINE ID ⁽¹⁾	FUEL SYSTEM ⁽²⁾	IGNITION SYSTEM
Avalon	3.0L V6 (1MZ-FE)	F	SFI	DIS ⁽³⁾
Camry	2.4L 4-Cyl. (2AZ-FE)	D	SFI	DIS ⁽³⁾
.....	3.0L V6 (1MZ-FE)	F	SFI	DIS ⁽³⁾
Camry Solara	2.4L 4-Cyl. (2AZ-FE)	D	SFI	DIS ⁽³⁾
.....	3.0L V6 (1MZ-FE)	F	SFI	DIS ⁽³⁾
Celica	1.8L 4-Cyl. (1ZZ-FE)	R	SFI	DIS ⁽³⁾
.....	1.8L 4-Cyl. (2ZZ-GE)	Y	SFI	DIS ⁽³⁾
Corolla	1.8L 4-Cyl. (1ZZ-FE)	R	SFI	DIS ⁽³⁾
ECHO	1.5L 4-Cyl. (1NZ-FE)	T	SFI	DIS ⁽³⁾
Highlander	2.4L 4-Cyl. (2AZ-FE)	D	SFI	DIS ⁽³⁾
.....	3.0L V6 (1MZ-FE)	F	SFI	DIS ⁽³⁾
Land Cruiser	4.7L V8 (2UZ-FE)	T	SFI	DIS ⁽³⁾
MR2	1.8L 4-Cyl. (1ZZ-FE)	R	SFI	DIS ⁽³⁾
Prius ⁽⁴⁾	1.5L 4-Cyl. (1NZ-FXE)	B	SFI	DIS ⁽³⁾
RAV4	2.0L 4-Cyl. (1AZ-FE)	K	SFI	DIS ⁽³⁾
Sequoia	4.7L V8 (2UZ-FE)	T	SFI	DIS ⁽³⁾
Sienna	3.0L V6 (1MZ-FE)	F	SFI	DIS ⁽³⁾
Tacoma	2.4L 4-Cyl. (2RZ-FE)	L	SFI	DIS ⁽³⁾
.....	2.7L 4-Cyl. (3RZ-FE)	M	SFI	DIS ⁽³⁾
.....	3.4L V6 (5VZ-FE)	N	SFI	DIS ⁽³⁾
Tundra	3.4L V6 (5VZ-FE)	N	SFI	DIS ⁽³⁾
.....	4.7L V8 (2UZ-FE)	T	SFI	DIS ⁽³⁾
4Runner	3.4L V6 (5VZ-FE)	N	SFI	DIS ⁽³⁾

(1) Engine may be identified by Vehicle Identification Number (VIN). VIN is located on VIN plate on driver's side of instrument panel. See **Fig. 2 -Fig. 4** . Engine serial number is stamped on cylinder block. See **Fig. 5 -Fig. 15** .

(2) Fuel injection system is a Sequential Multiport Fuel Injection (SFI) system.

(3) Application uses a Distributorless Ignition System (DIS).

(4) This is the hybrid vehicle which uses a gasoline engine along with the AC electric motor for vehicle

operation. Only service procedures for the gasoline engine are covered.

VIN DEFINITION

4 T 1 B F 2 2 P 5 2 U 0 9 8 8 9 5

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰

- ①②③ Indicates World Make Identifier.
- ④ Indicates Body Type.
- ⑤ **Indicates Engine Code.**
- ⑥ Indicates Series.
- ⑦ Indicates Restraint System.
- ⑧ Indicates Carline.
- ⑨ Indicates Check Digit.
- ⑩ **Indicates Model Year.**
- ⑪ Indicates Assembly Plant.
- ⑫⑬⑭⑮⑯⑰ Indicates Plant Sequence Number.

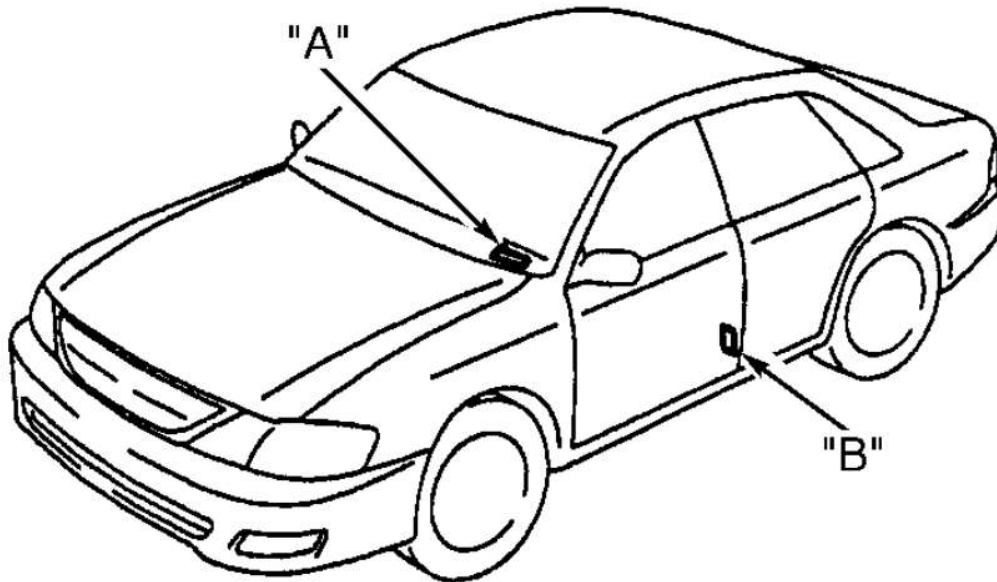
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Fig. 1: VIN Definition
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

MODEL/YEAR VIN CODE APPLICATIONS

MODEL/YEAR VIN CODE APPLICATION

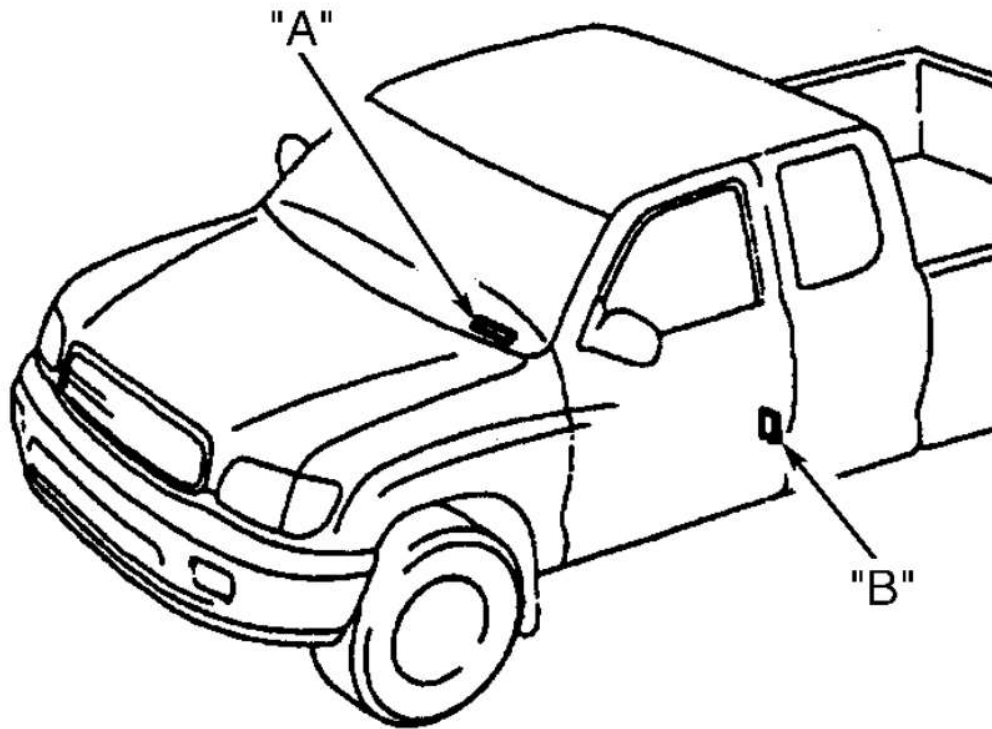
VIN Code	Model Year
Y	2000
1	2001
2	2002



"A" - VIN Plate
"B" - Certification Label

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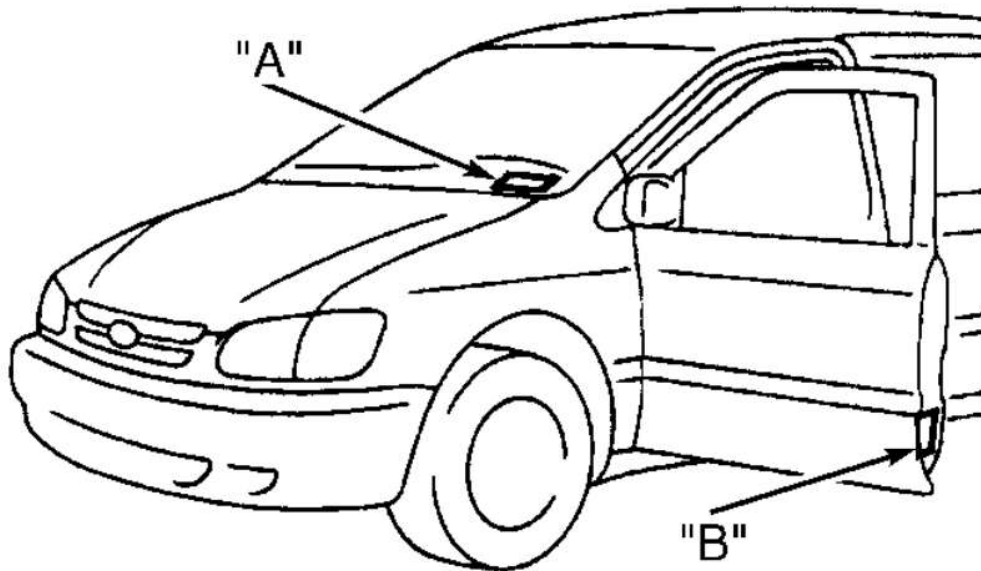
Fig. 2: Locating Typical Vehicle Identification Number Plate & Certification Label (Avalon, Camry, Camry Solara, Celica, Corolla, ECHO, MR2 & Prius)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



"A" - VIN Plate
"B" - Certification Label

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Fig. 3: Locating Typical Vehicle Identification Number Plate & Certification Label (Highlander, Land Cruiser, RAV4, Sequoia, Tacoma, Tundra & 4Runner)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



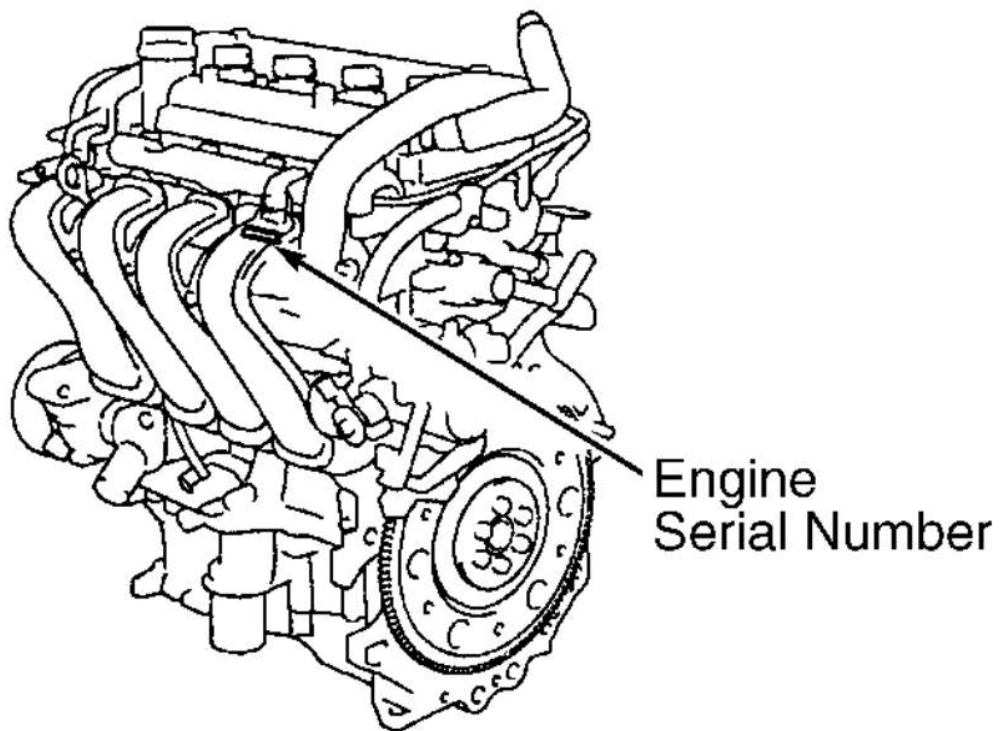
"A" - VIN Plate
"B" - Certification Label

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Fig. 4: Locating Vehicle Identification Number Plate & Certification Label (Sienna)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

ENGINE SERIAL NUMBER LOCATION

Engine serial number is located on cylinder block. See **Fig. 5 -Fig. 15** .



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Fig. 5: Locating 1.5L Engine Serial Number (ECHO)
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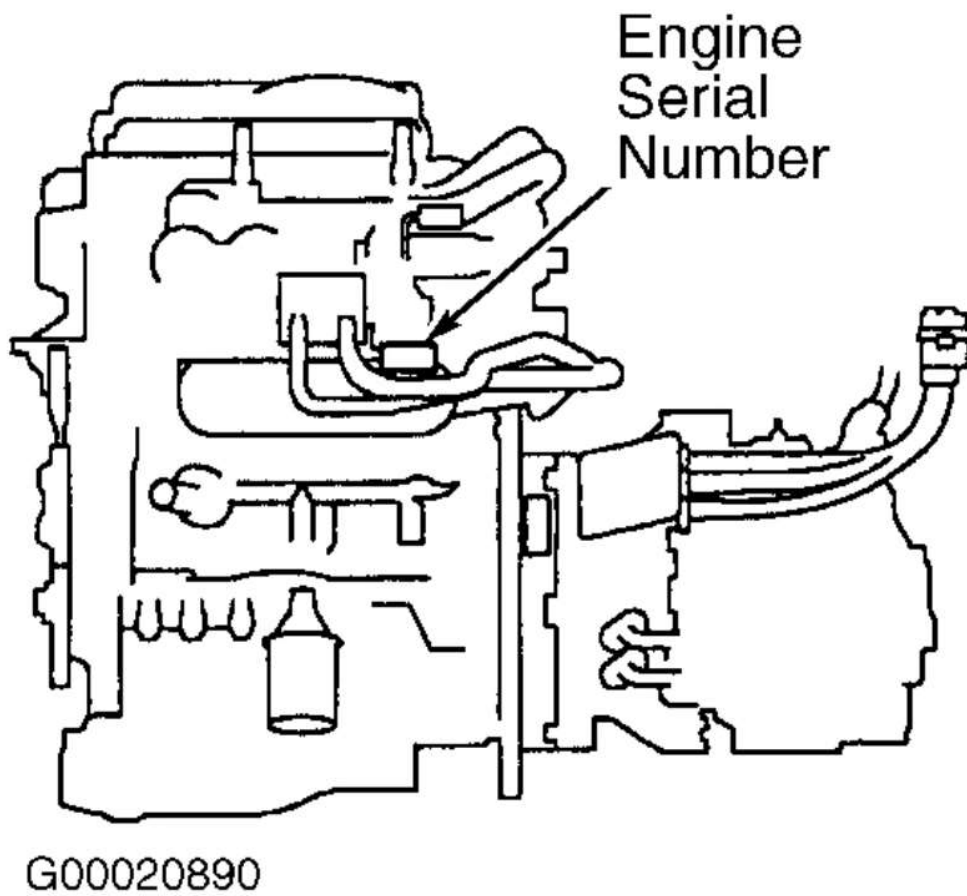
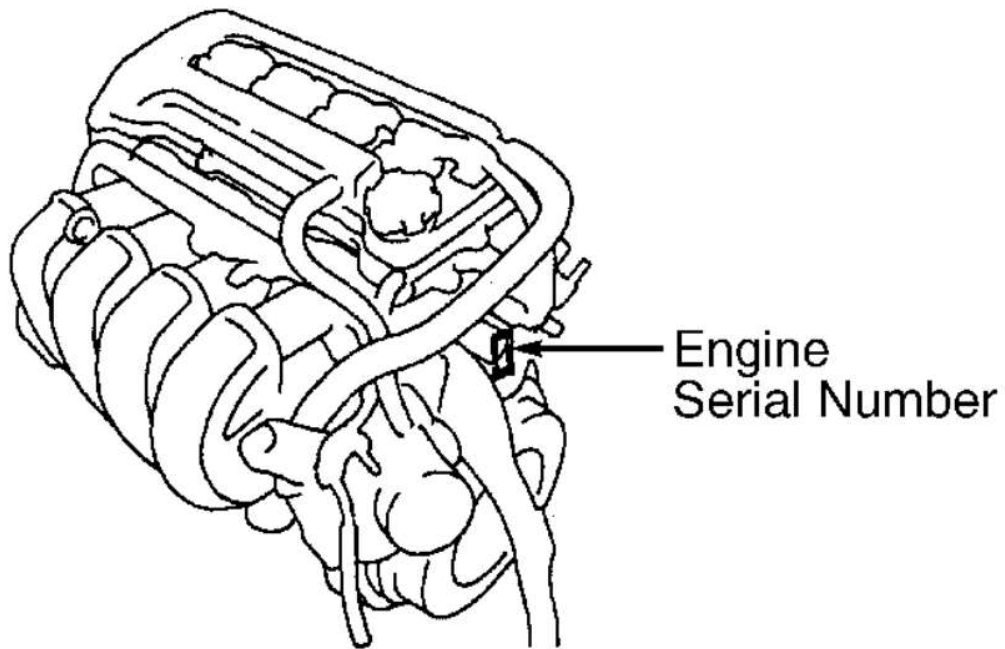
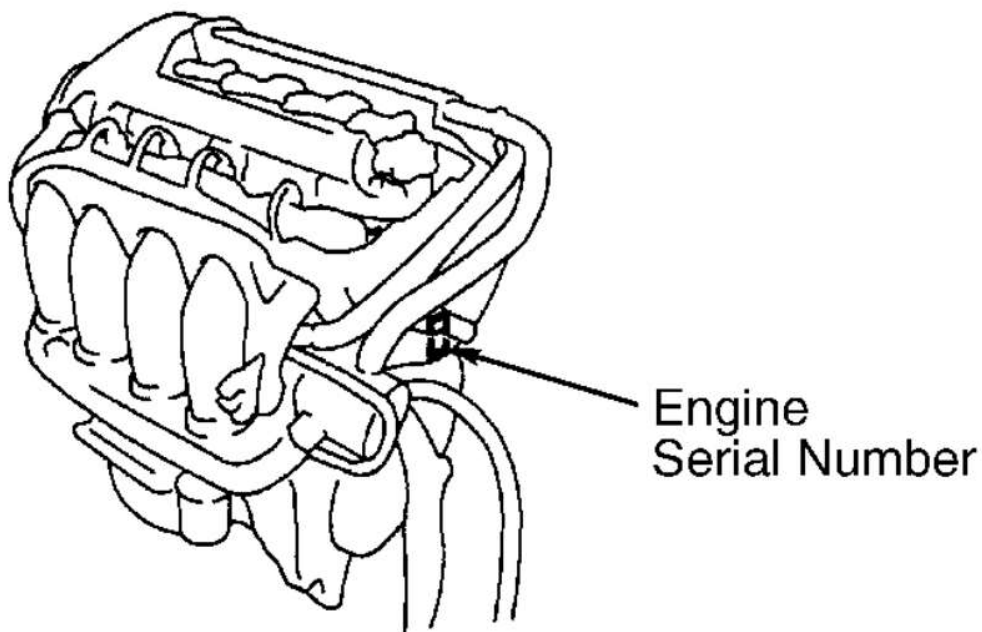


Fig. 6: Locating 1.5L Engine Serial Number (Prius)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



1ZZ-FE ENGINE



2ZZ-GE ENGINE

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Fig. 7: Locating 1.8L Engine Serial Number (Celica)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

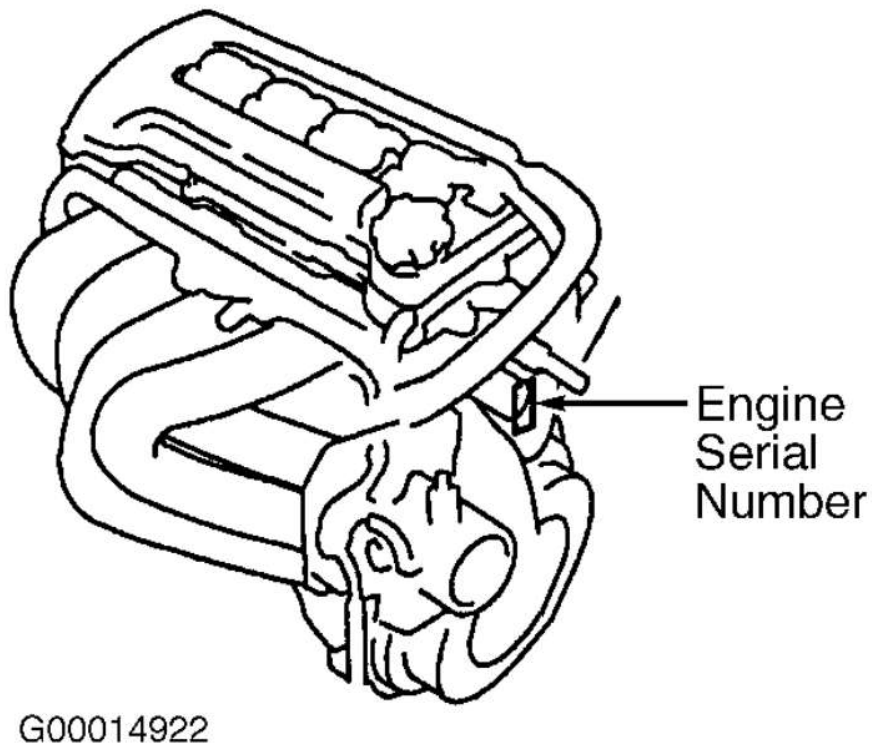


Fig. 8: Locating 1.8L Engine Serial Number (Corolla)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

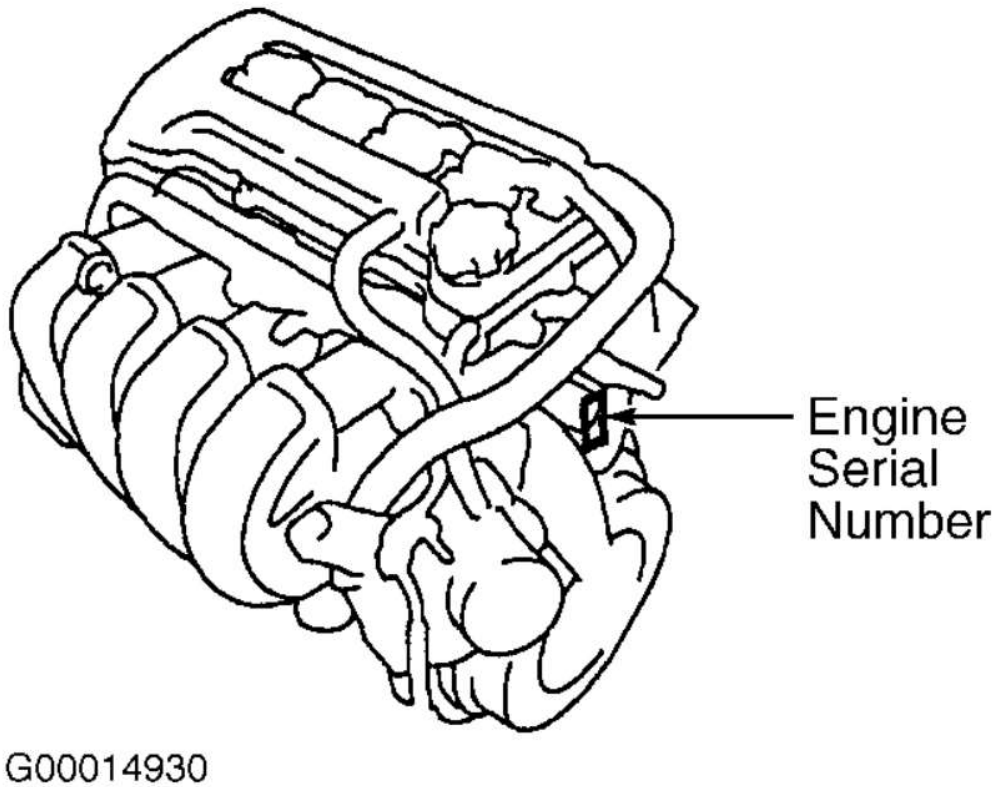


Fig. 9: Locating 1.8L Engine Serial Number (MR2)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

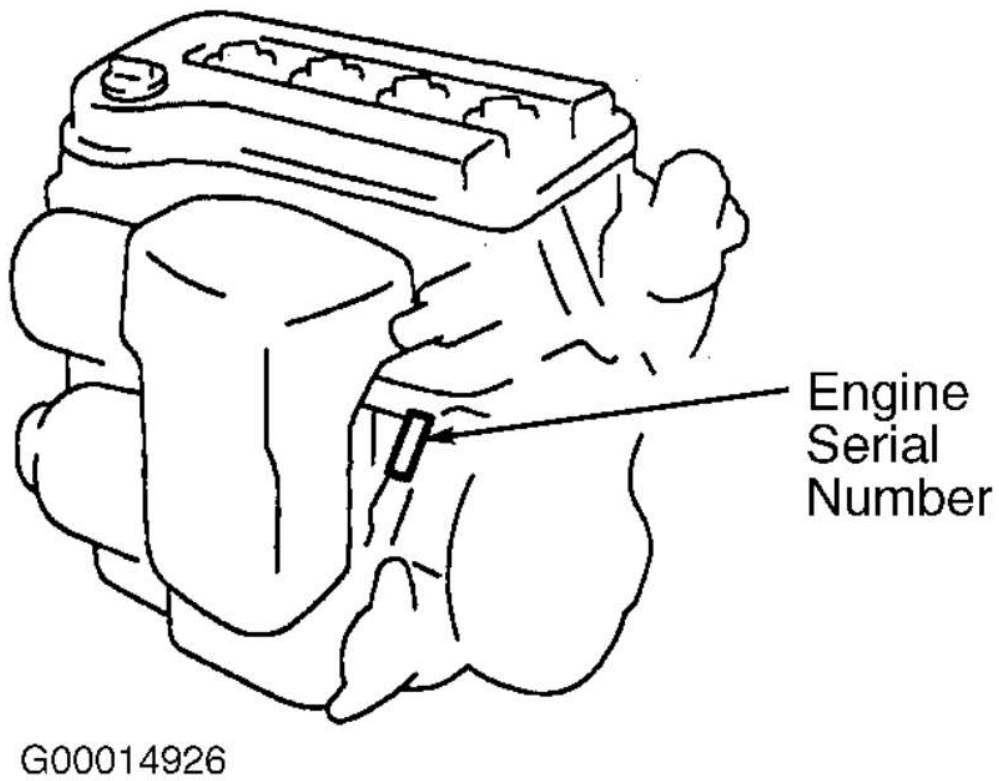
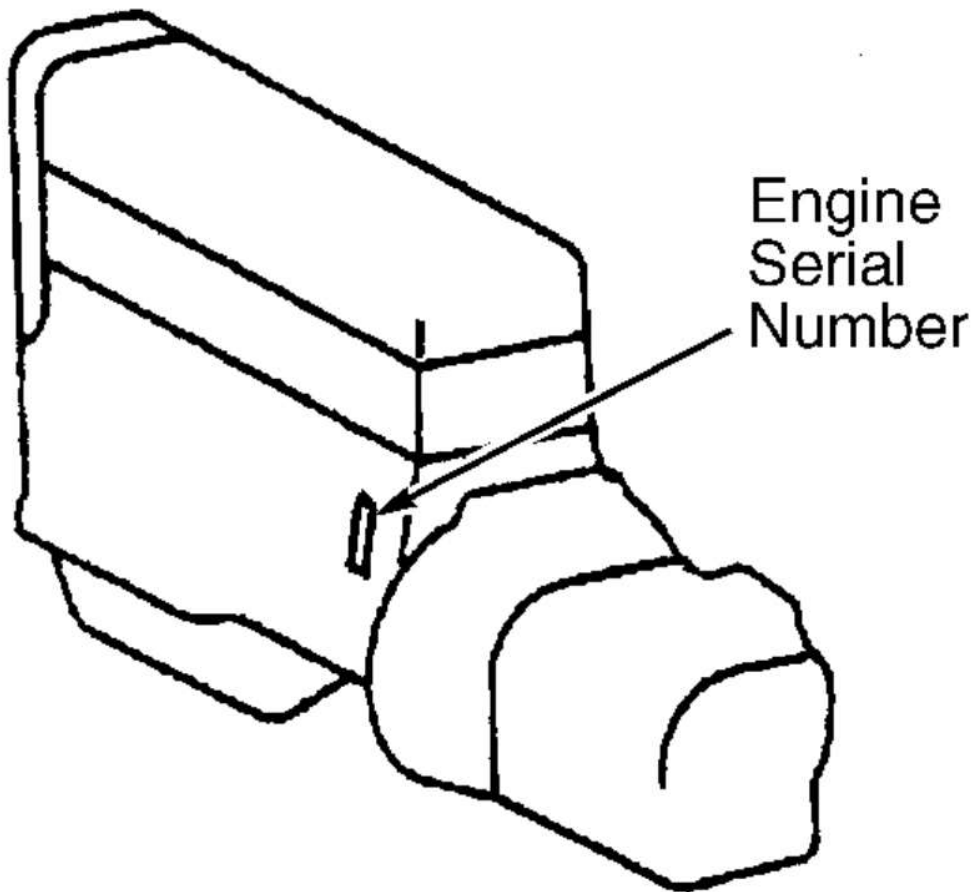


Fig. 10: Locating 2.0L Engine Serial Number (RAV4)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



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Fig. 11: Locating 2.4L Engine Serial Number (Camry, Camry Solara & Highlander)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

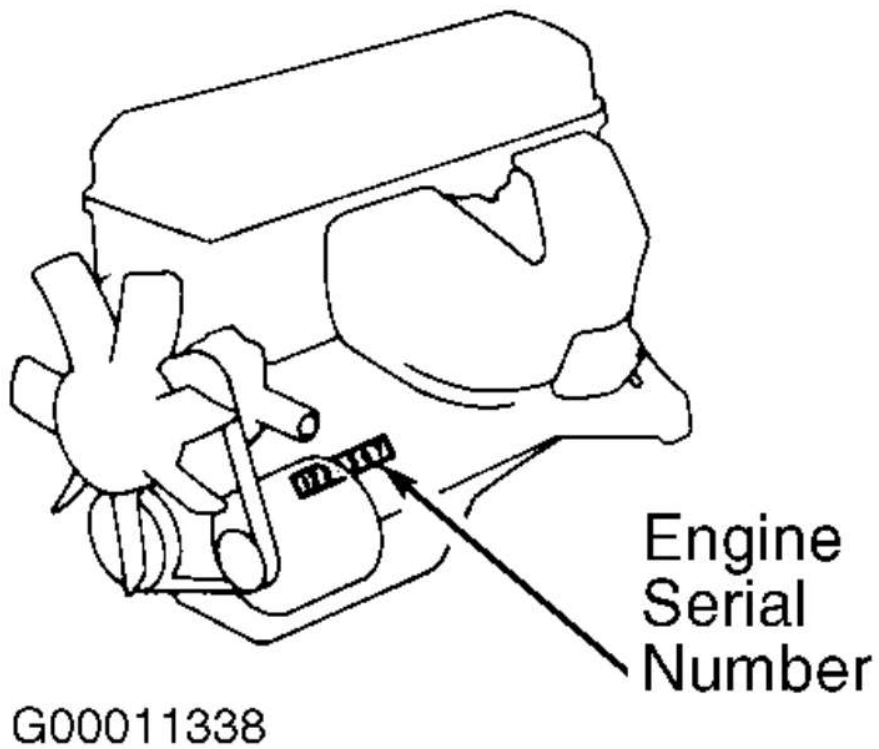
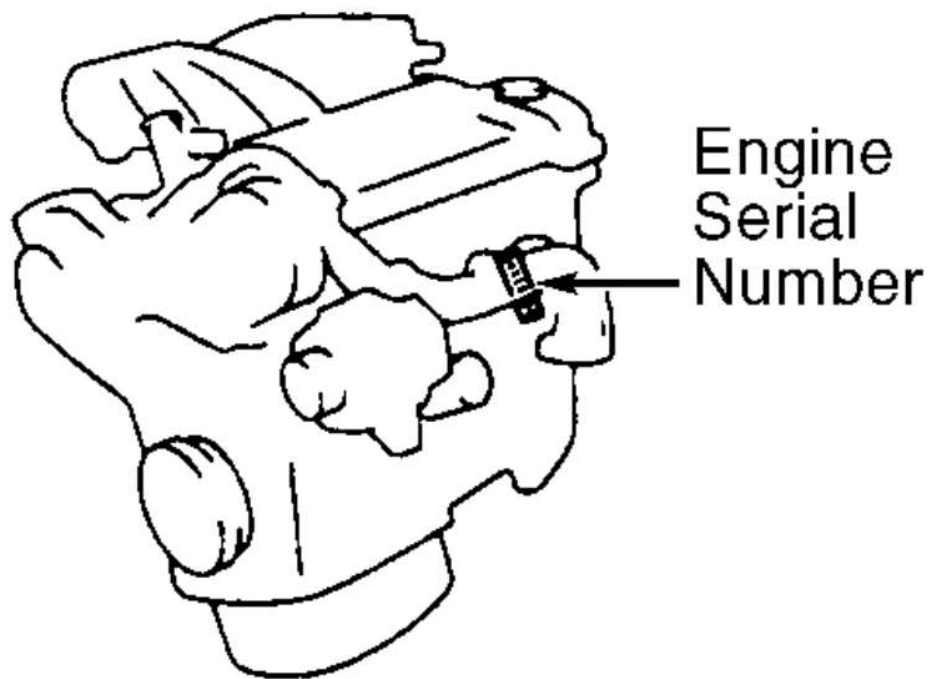


Fig. 12: Locating 2.4L & 2.7L Engine Serial Number (Tacoma)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



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Fig. 13: Locating 3.0L Engine Serial Number (Avalon, Camry, Camry Solara, Highlander & Sienna)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

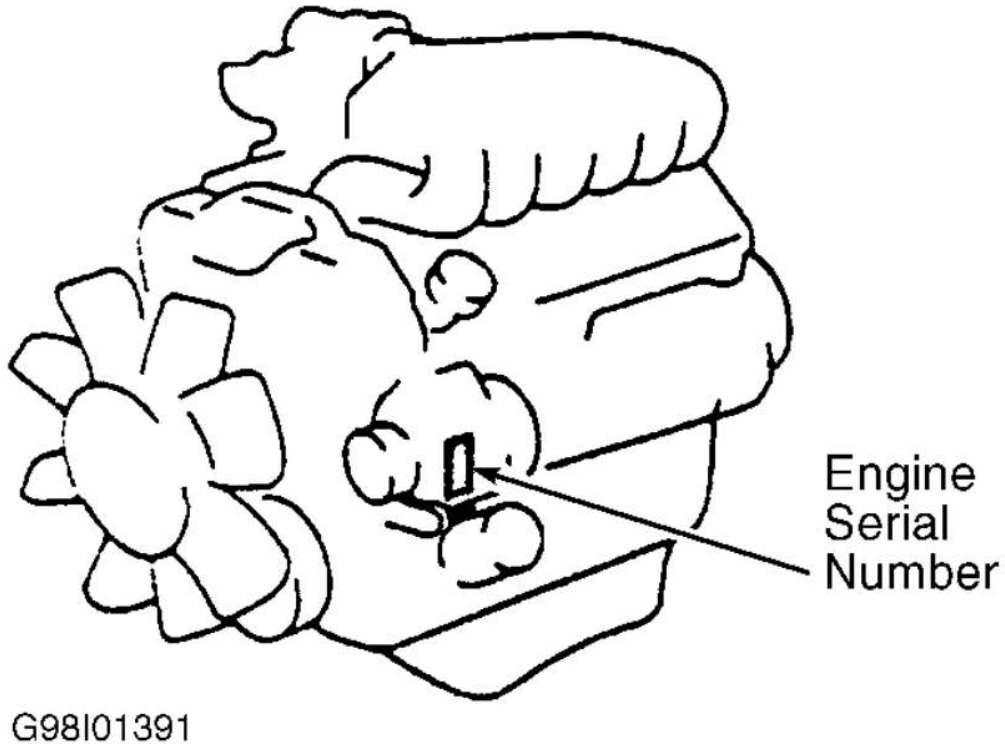


Fig. 14: Locating 3.4L Engine Serial Number (Tacoma, Tundra & 4Runner)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

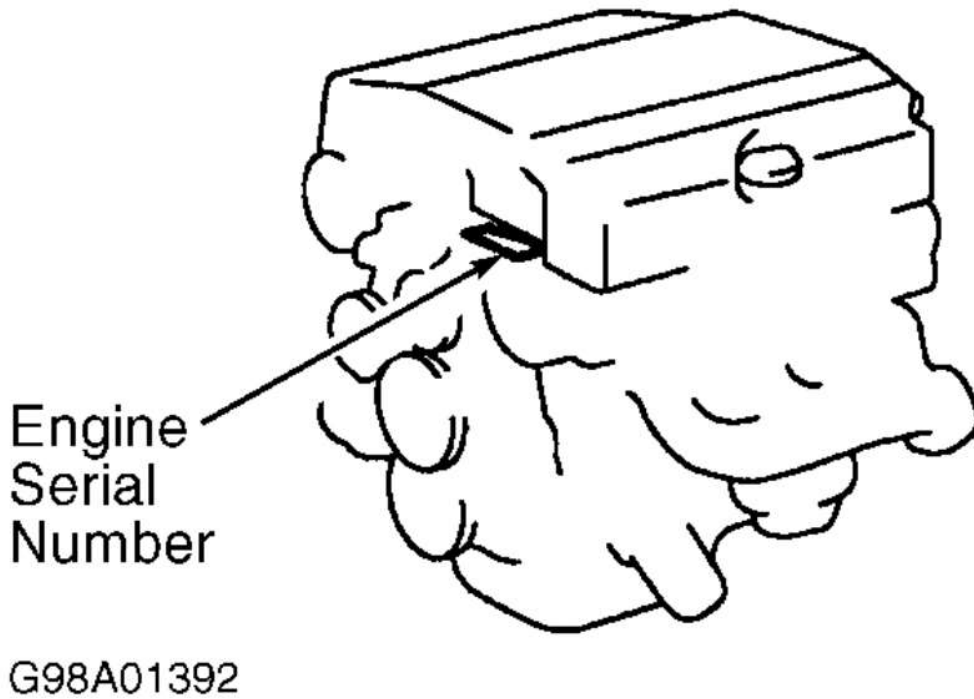


Fig. 15: Locating 4.7L Engine Serial Number (Land Cruiser, Sequoia & Tundra)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.