

VEHICLE SPEED SENSOR (VSS)

Component Index

Dash Fuse Box

[2.2L](#)

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[Engine or Powertrain Control Module \(ECM or PCM\)](#)

[Immobilizer Control Unit \(ICU\)](#)

[Intelligent Suspension Control Unit](#)

[Meter Assembly](#)

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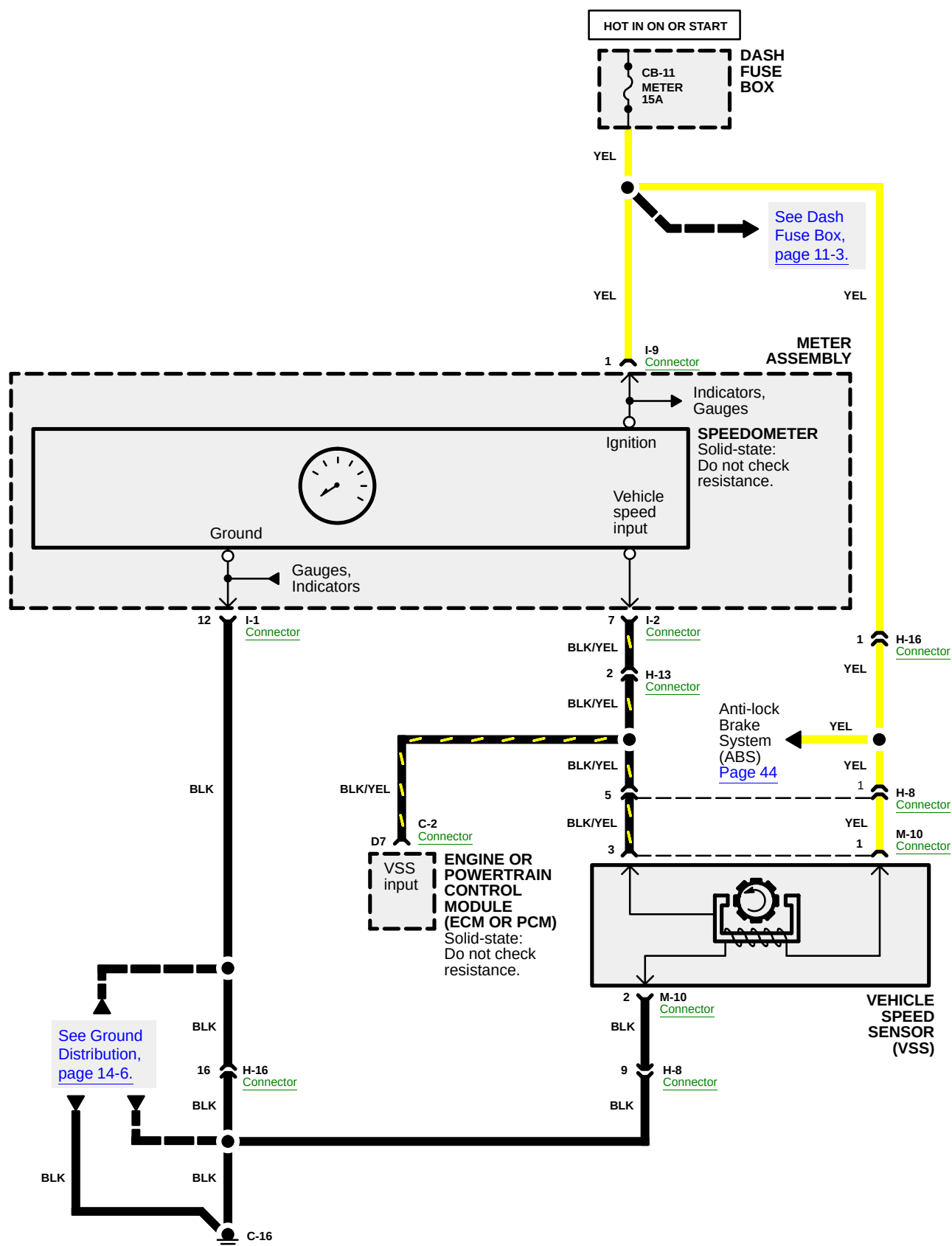
Vehicle Speed Sensor (VSS) (2.2L)

[2.2L](#)

[3.2L](#)

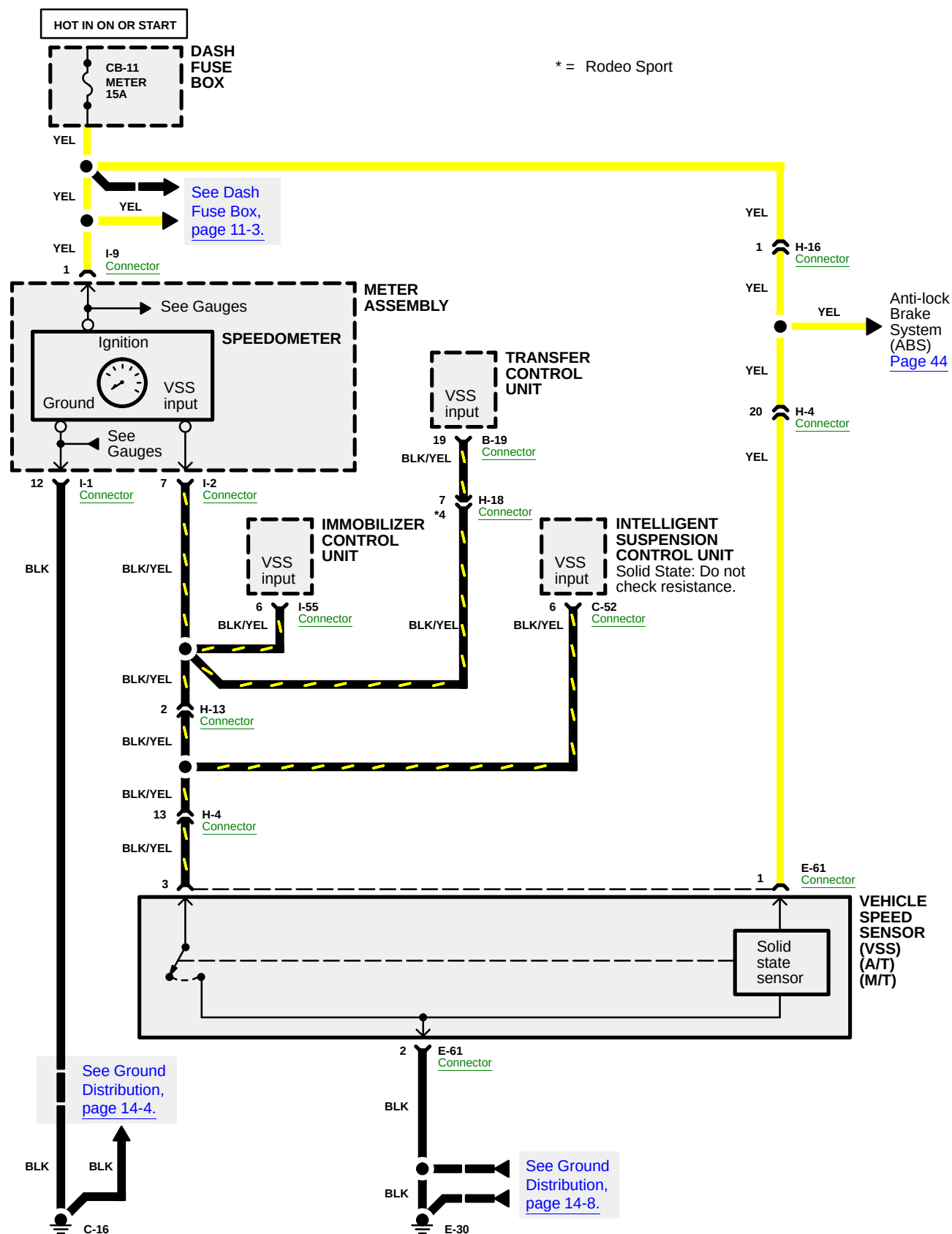
VEHICLE SPEED SENSOR (VSS): 2.2L

Circuit Schematic



VEHICLE SPEED SENSOR (VSS): 3.2L

Circuit Schematic



VEHICLE SPEED SENSOR (VSS)

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Dash Fuse Box Left side of I/P, behind panel	58
Engine or Powertrain Control Module	
(ECM or PCM) (2.2L) Below center of I/P	73
Engine Control Module	
(ECM) (3.2L) Left side of engine compartment	44
Fuse/Relay Box Right side of engine compartment, on inner fender panel	14
Immobilizer Control Unit	
(ICU) Under left side of dash	149
Intelligent Suspension Control Unit	
Below center of I/P	75
Transfer Control Unit Below center console	81
Vehicle Speed Sensor (VSS)	
(2.2L) Underside of vehicle, on transmission	114
Vehicle Speed Sensor (VSS)	
(3.2L M/T) Beneath center of vehicle, rear of transmission	120
(3.2L A/T) Beneath center of vehicle, rear of transmission	154
Connector	
H-4 (52-GRY) Left side of engine compartment	27
H-8 (16-BLU) Lower right rear of engine compartment	18
H-13 (16 or 20-WHT) Below right side of I/P, behind kick panel	82
H-16 (22-BLK) Behind left kick panel	62
H-18 (22-WHT) LWB Behind right kick panel	80
H-18 (12-WHT) SWB Behind right kick panel	80
I-1 (30-GRN) Behind left side of I/P, on top of meter assembly	86
I-2 (16-GRN) Behind left side of I/P, on top of meter assembly	86
I-9 (14-GRN) Behind left side of I/P, on top of meter assembly	86
Ground	
C-16 Left rear corner of engine compartment, on inner fender panel	43
E-30 Right side of intake manifold	21

Circuit Operation

With the starter switch in ON or START, the VSS receives power. For every rotation, the VSS outputs four pulses to the engine (M/T) or powertrain (A/T) control module (ECM or PCM), and the speedometer to gauge speed.