Remove, install tumble flap position sensor at intake manifold

ENGINE 272.920 in MODELS 203.052 /252 /752
ENGINE 272.940 in MODELS 203.054 /254, 209.354 /454
ENGINE 272.960 in MODELS 203.056 /256 /756, 209.356 /456
ENGINE 272.970 in MODELS 203.087 /287
ENGINE 272.941 in MODELS 203.092 /292
ENGINE 273 in MODEL 209

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<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
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<tbody>
<tr>
<td>1</td>
<td>Electrical connector B28/9 Left intake manifold tumble flap position sensor</td>
</tr>
<tr>
<td>2</td>
<td>Bolt B28/10 Right intake manifold tumble flap position sensor</td>
</tr>
<tr>
<td>3</td>
<td>Resonance intake pipe</td>
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**Danger!**
Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, tailgates or sliding roof.

Keep body parts and limbs well clear of moving parts.

AS00.00-Z-0011-01A

**Notes on avoiding damage to electronic components due to electrostatic discharge**

Turn key in ignition switch to position “0”.

Model 203
AR88.40-P-1000P
Model 209
AR88.40-P-1000Q

Remove air filter housing
AR09.10-P-1150QB

Release and disconnect electrical connector (1) at left intake manifold tumble flap position sensor (B28/9) or right intake manifold tumble flap position sensor (B28/10)

Remove bolt (2)

Remove left intake manifold tumble flap position sensor (B28/9) or right intake manifold tumble flap position sensor (B28/10) from resonance intake manifold (3)

Install in the reverse order

Read out fault memory

Connect STAR DIAGNOSIS and read out fault memory

STAR DIAGNOSIS diagnosis system

WH58.30-Z-1048-13A
AD00.00-P-2000-04A

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Bolt connecting tumble flap position sensor to resonance intake manifold

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**Commercially available tools**

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