

ON-VEHICLE INSPECTION

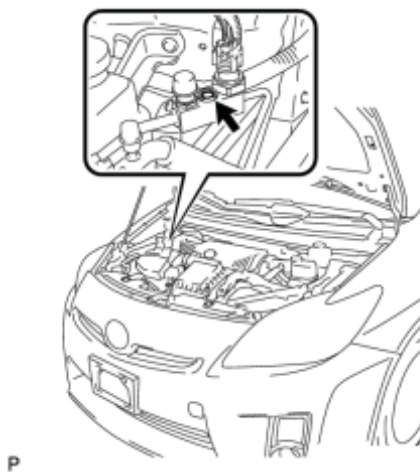
1. INSPECT REFRIGERANT VOLUME

(a) Check the sight glass on the air conditioning tube and accessory.

(1) Prepare the vehicle according to the chart below.

Item	Condition
Vehicle door	Fully open
Temperature setting	MAX COOL
Blower speed	HI
A/C	on

(2) Compare the sight glass to the following chart.



Item	Symptom	Amount of Refrigerant	Corrective Action
1	Bubbles exist	Insufficient*	<ol style="list-style-type: none"> 1. Check for gas leaks and repair if necessary 2. Recharge with a proper amount of refrigerant
2	No bubbles exist	Empty, insufficient, or excessive	Refer to 3 and 4
3	No temperature difference between compressor inlet and outlet	Empty or nearly empty	<ol style="list-style-type: none"> 1. Check for gas leaks and repair if necessary 2. Evacuate the AC system and recharge with a proper amount of refrigerant
4	Considerable temperature difference between compressor inlet and outlet	Proper or excessive	Refer to 5 and 6
5	Immediately after air conditioning is turned off, refrigerant remains clear	Excessive	<ol style="list-style-type: none"> 1. Recover refrigerant 2. Evacuate the AC system and recharge with a proper