

COROLLA GR


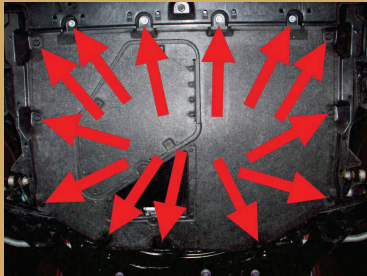
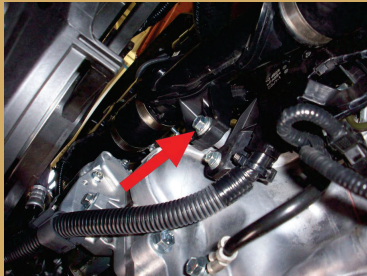

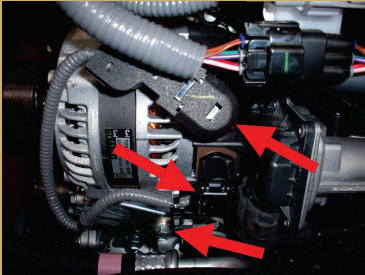
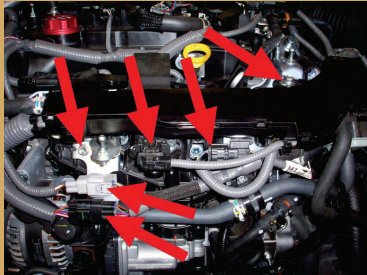

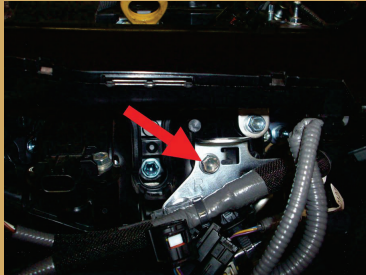
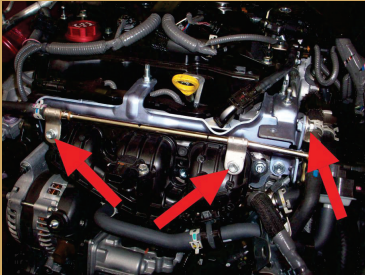
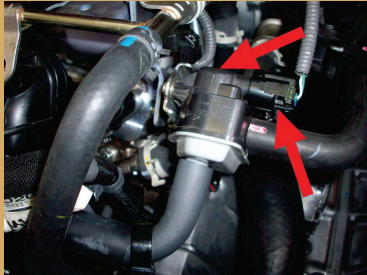
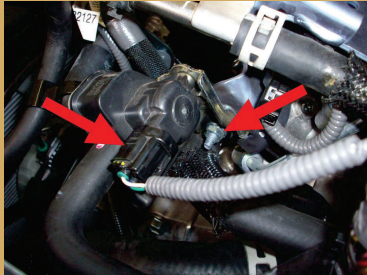
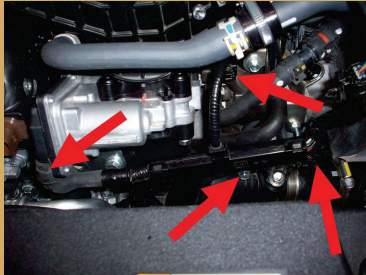
INTAKE AND TB SPACER

TOOLS REQUIRED

M10 socket
M10 short socket
M12 socket
M10 box wrench
M12 box wrench
5 MM allen wrench
6 MM allen wrench
E 10 tool bit
Wire cutters
Flat screw driver

TOOLS REQUIRED

MATERIALS REQUIRED

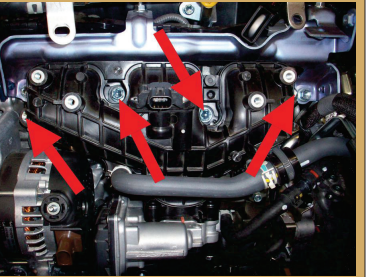
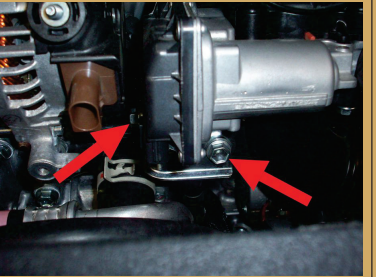
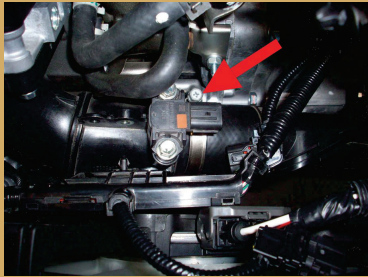
<p>1</p>	<p>Disconnect the battery.</p>	<p>2</p>	<p>Remove the screws holding the undertray.</p>
			<p>4</p> 
<p>5</p>	<p>Disconnect the alternator harness. Remove the harness support bracket.</p>	<p>6</p>	<p>Remove the engine cover.</p>
	<p>Disconnect the wire harness. Remove the screw holding the wire harness guide.</p> 	<p>7</p> 	<p>8</p> 
<p>9</p>	<p>Remove the coolant line.</p>	<p>10</p>	<p>Remove the support bracket. Move the harness to the side.</p>
	<p>Disconnect the vacuum valve plug and remove the valve.</p> 	<p>11</p> 	<p>12</p> 

13 Loosen the air hose clamp.

14 Remove the air hose.

15 Remove the throttle body support bracket.

16 Remove the intake manifold.

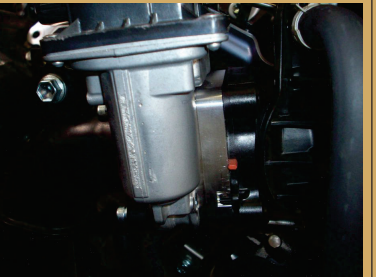
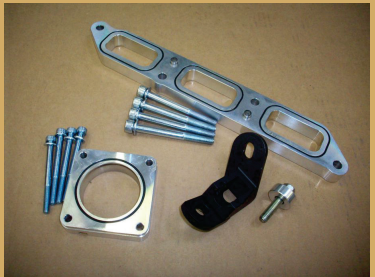
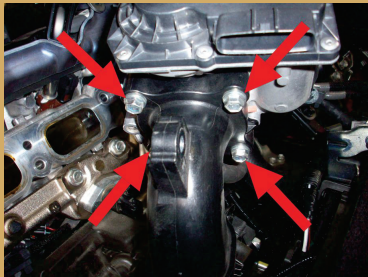


17 Remove the throttle body.

18 Prepare the Boomba Racing throttle body and intake manifold spacers for installation.

19 Install the throttle body spacer and secure the intake elbow and the throttle body to the intake manifold.

20 Disassemble the throttle body support bracket.

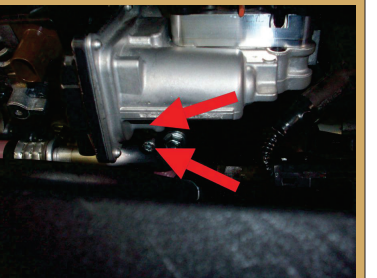
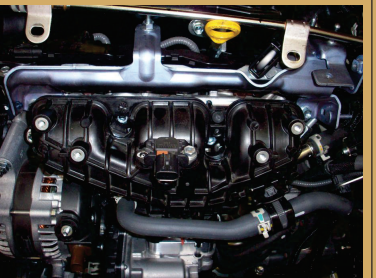
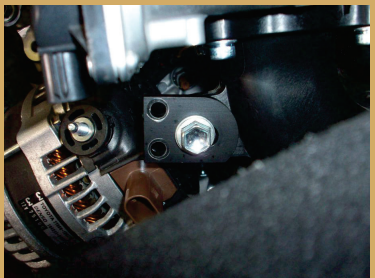
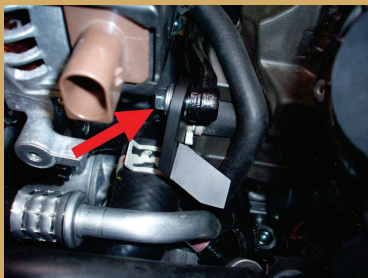


21 Attach one side of the throttle body support to the engine block bracket. Leave a significant amount of play to be able to move the bracket.

22 Attach the other side of the throttle body support bracket to the charge elbow. Finger tight only.

23 Install the intake manifold spacer and secure the intake manifold to the engine head.

24 Connect both sides of the throttle support bracket. Finger tight only.

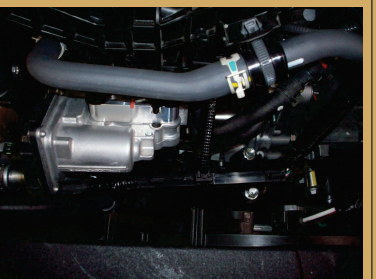
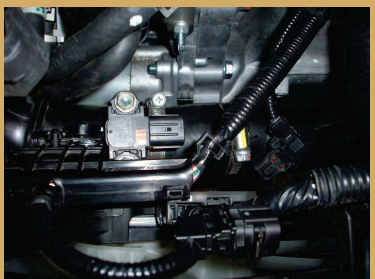
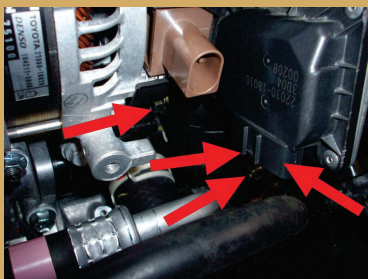


25 Tighten all of the screws of the engine support bracket.

26 Reattach the charge pipe to the elbow.

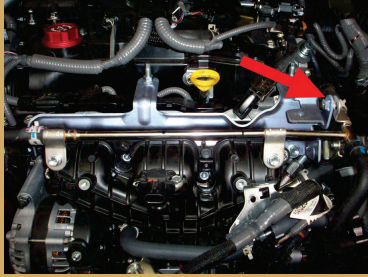
27 Reconnect the throttle body harness. Attach the harness guide to the charge elbow.

28 Reinstall the vacuum valve.



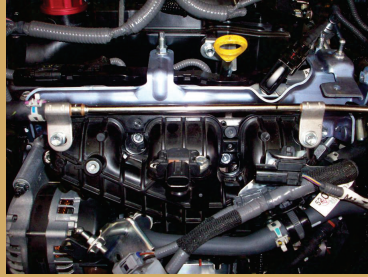
29

Reinstall the coolant line.



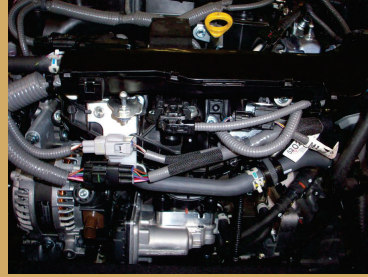
30

Reinstall the connector support bracket.
Attach the connector.



31

Reinstall the wire harness guide.
Reconnect the electrical connectors.



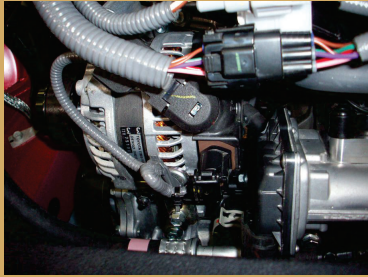
32

Secure the harness guide to the bracket
with the provided zip tie.



33

Reinstall the cable support bracket.
Connect the alternator's harness.



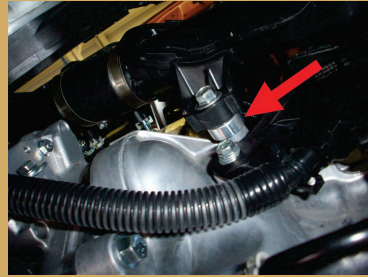
34

Install the engine cover.



35

Secure the charge pipe to the
transmission using the provided screw
and the spacer.



36

Install the under tray. Reconnect the
battery.

