


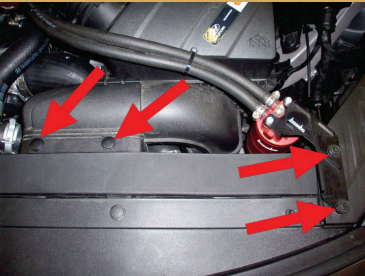
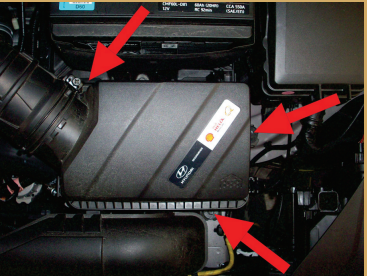
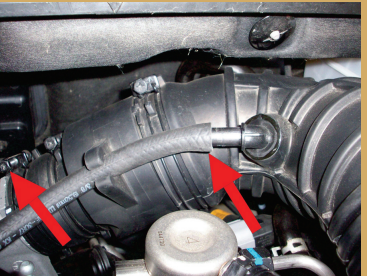
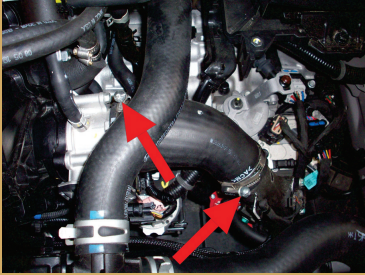
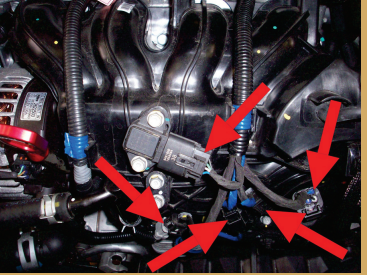
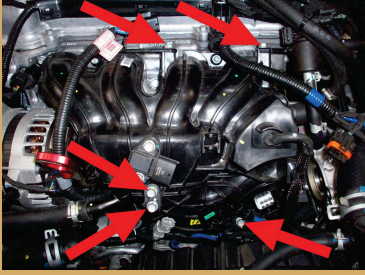
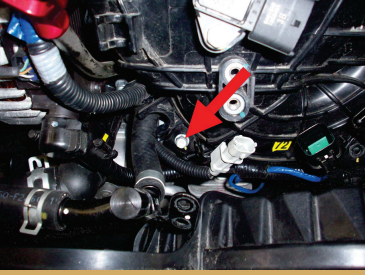
ELANTRA GT N LINE TB AND INTAKE SPACERS

TOOLS REQUIRED

M10 socket wrench
M12 socket wrench
5 MM allen wrench
6 MM allen wrench
Flat screw driver

Pliers
Vise grips
Dremel rotary tool

MATERIALS REQUIRED

<p>1</p> <p>Remove the engine cover.</p>	<p>2</p> <p>Remove the air filter snorkel clips and the catch can bracket.</p>	<p>3</p> <p>Remove the air filter box.</p>	<p>4</p> <p>Remove the vent hose. Loosen the air intake clamp.</p>
			
<p>5</p> <p>Use the vise grips to loosen the hose clamps on the charge pipe elbow. Remove the elbow.</p>	<p>6</p> <p>Disconnect the electrical connector. disconnect the vent hose. Remove the throttle body.</p> <p>IF INSTALLING THE THROTTLE BODY SPACER ONLY SKIP TO THE STEP 19</p>	<p>7</p> <p>Disconnect the electrical connectors on the top of the intake manifold.</p>	<p>8</p> <p>Disconnect the electrical connectors on the top of the intake manifold.</p>
			
<p>9</p> <p>Remove the support brackets on the top of the intake manifold.</p>	<p>10</p> <p>Remove the support bracket on the bottom of the intake manifold.</p>	<p>11</p> <p>Remove the support bracket on the top of the valve cover.</p>	<p>12</p> <p>Remove the bottom bolt holding the intake manifold.</p>
			

13	Remove the intake manifold screws.	14	Use the vise grips to loosen the intake manifold threaded studs. Remove the studs.	15	Prepare the Boomba Racint intake and throttle body spacers for the installation.	16	Place the intake manifold over the spacer. Align it with the two holes on the top. Use the provided screws and washers. Install the top screws first and then follow with three bottom screws. Finger tight only.
							
17	Tighten the screws securing the intake manifold to the head.	18	Reinstall the harness support brackets. Use only the bottom threaded hole for the front bracket.	19	Reinstall and reconnect the wire harness.	20	Use Dremel to cut slots into the hose clamp's screws for flat screw driver.
							
21	Secure the throttle body and the spacer to the intake manifold. Reinstall the charge pipe elbow. Secure it with the hose clamps. Reconnect the electrical connector. Reconnect the vent line.	22	Reinstall the air filter box. Reinstall the intake and the vent line. Reinstall the catch can. Reinstall the engine cover.				
							