
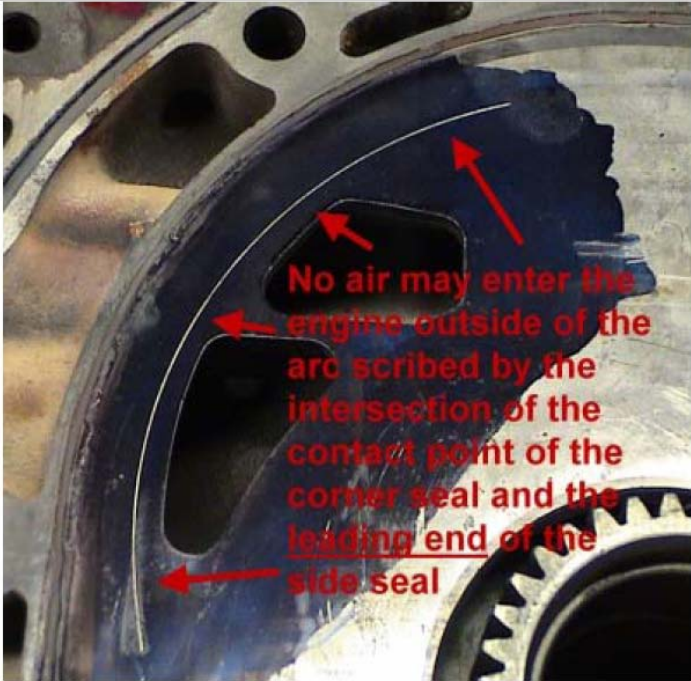


A Rotary Engine Street Port Intake Port shall not allow any air to enter the engine from outside of the arc traced by the point of intersection of the corner seal and the leading end of the side seal.

Rotors modifications are free, but the unmodified rotor must be available through Mazda Corporation. Side seal location must remain as original on the rotor as available through Mazda.

Note: Tech inspection of intake ports can easily be done by removal of the intake manifold, and then viewing inside the port with either a borescope or small flex-head mirror and penlight. Rotate the engine by hand (clockwise when viewed from the front) and watch as the corner seal passes the intake port. If the point of contact of the corner seal and the leading end of the side seal (which is at the lower edge of the corner seal) can be seen at any time in the rotation, then the port is not legal. Additionally, if there are ANY holes, notches, slots, arcs, etc. that would allow air to enter from further out on the intake runner (from the corner seal/side seal point), then the port is not legal.

Street Port Definition

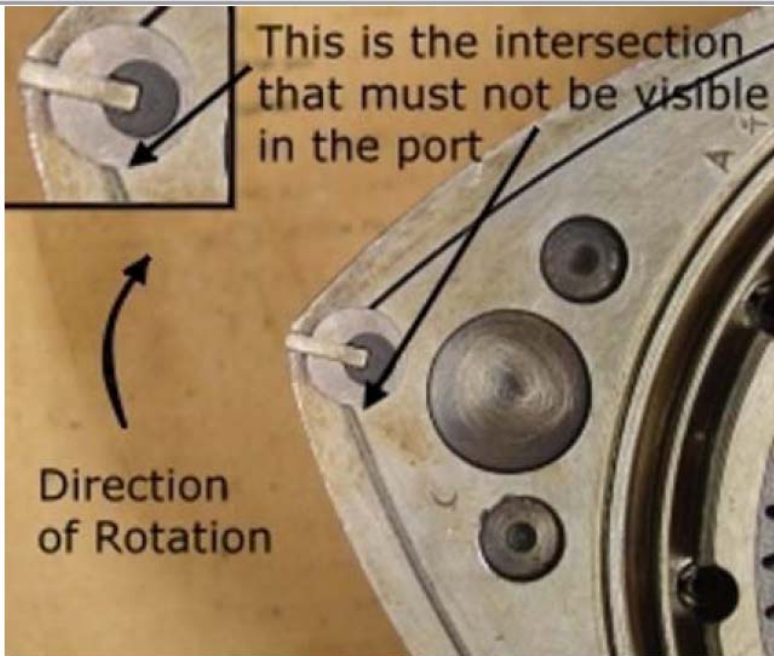
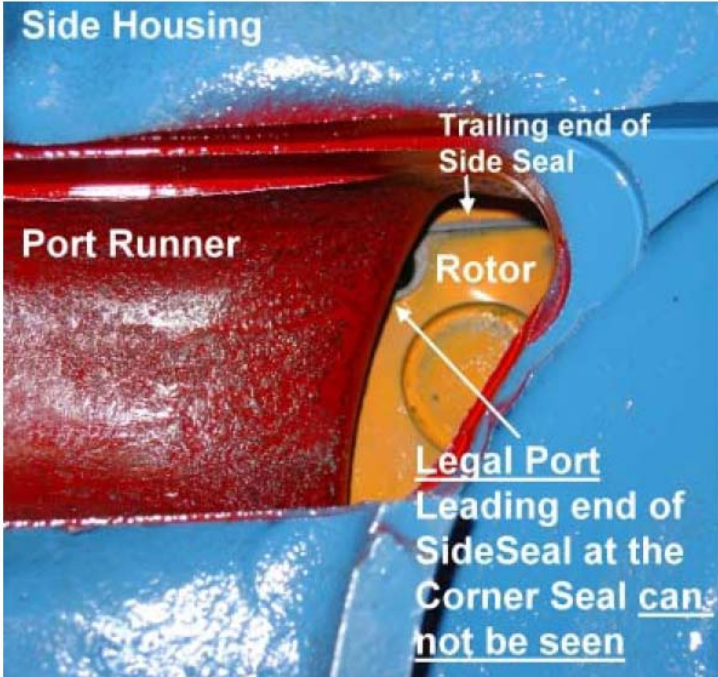
Image	Description
	<p>Arc on 4-Port Side Housing.</p>
	<p>Arc on 6-Port Front/Rear Side Housing.</p>

Date Issued: 3/21/07 Revision #: n/a Revision Date: n/a

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Street Port Definition

	<p>Close-up of the side of the Rotor showing the "point" of contact between the Corner Seal and the LEADING end of the Side Seal.</p>
	<p>Cut-away view of what the Tech Inspectors will be seeing with borescope or mirror and penlight.</p>

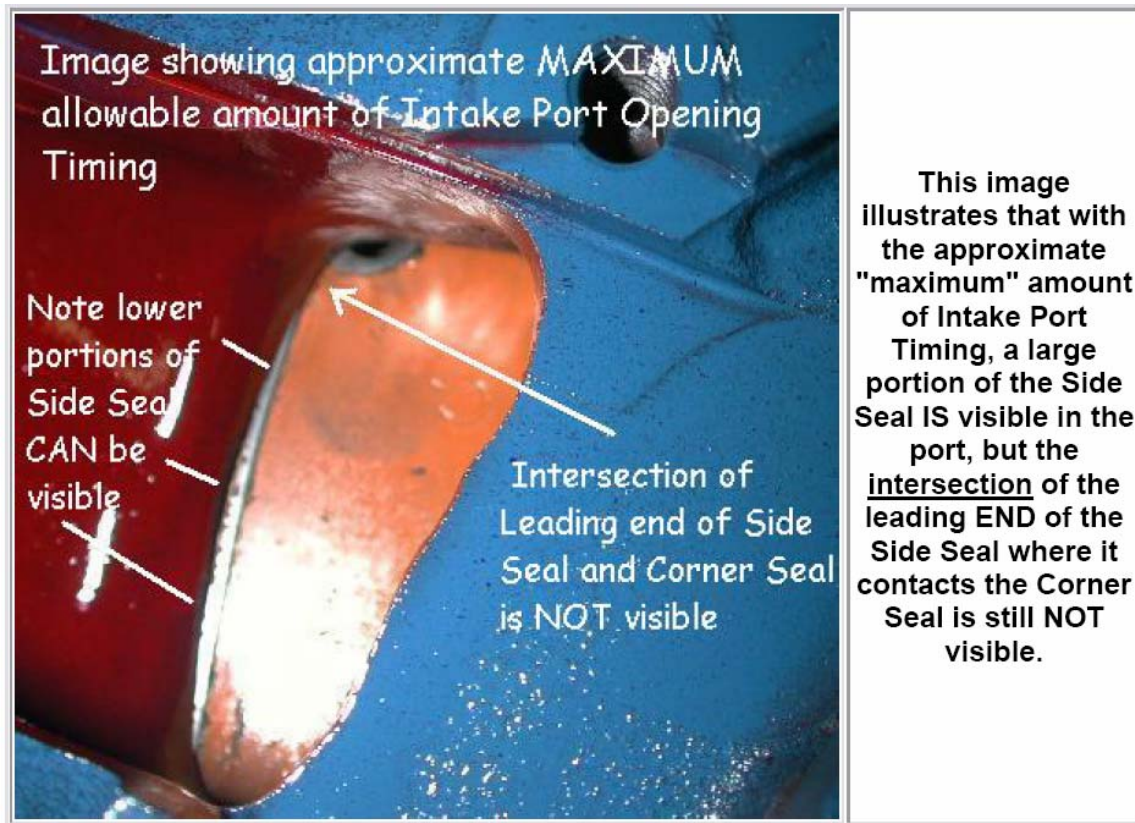
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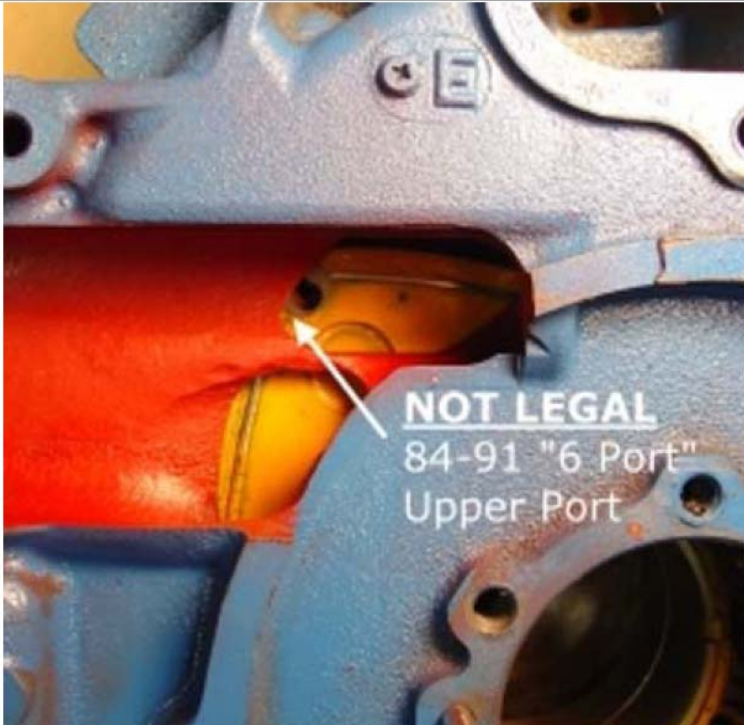
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Street Port Definition



Street Port Definition

 <p>NOT LEGAL 84-91 "6 Port" Lower Port</p>	<p>Cut-away of intake port showing port wall moved beyond the scribed arc. Image is actual 84-91 13B "6-Port" lower intake port, but also applies to all "4-Port" engines.</p>
 <p>NOT LEGAL 84-91 "6 Port" Upper Port</p>	<p>Cut-away of intake port showing port wall moved beyond the scribed arc. (84-91 13B "6-Port" upper port)</p>

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Street Port Definition



A few samples of various port modifications that are NOT legal.

There is almost no limit on the "types" of port modifications that can be attempted.

Justification would/could be attempted on them by the "vague" interpretations of written "eyebrow"/"comb"/"eyelash"/etc. port definition(s).

By using the "No air entering from outside the scribed arc" definition, ALL of these would be illegal, AND be easily "teched" by inspectors.