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## Spears Racing Smog Block Off Plates

Spears Racing Smog Block Off Plates. Spears Racing Smog Block off Plates are designed to seal off the ports on the valve cover used by the air injection system (a.k.a smog pumps or AIS). The air induction system (AIS) burns unburned exhaust gases by injecting fresh air (secondary air) into the exhaust port, reducing the emission of hydrocarbons.

Once these are capped off the air injection system can be safely removed. This Smog Block off Plates is made from CNC'd 6061 billet aluminum and features the Spears Racing logo.

1. If you are using your motorcycle on a closed course (**racing, track days, etc.**) you will want to remove all unnecessary equipment from your bike for reduced weight and ease of maintenance.
2. To get an accurate Air Fuel (A/F) ratio when dynoing the bike. The air injection system pumps fresh air directly into the exhaust stream in order to burn off any unused fuel. Unfortunately by doing this the A/F ratio is thrown off by the extra "fresh air" in the exhaust stream. By removing the air injection system you can achieve an accurate A/F ratio.
3. This addition will typically remove the majority of popping on deceleration that can be experienced with un-burnt gasses within the emission charcoal chamber.
4. **Note: This Product is made for Racing on Close Course Tracks Only!!**  
Proper tuning may be needed and this is general feedback.

Thank you,  
*Spears Racing*

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