

**Professional  
Products®**

## Installation Instructions

For 65mm and 68mm Throttle Bodies for  
1997-'01 Acura Integra Type R  
Catalog Numbers 69602, 69603, 69606, and 69607

**For safety, perform this installation when engine is cold.**

1. Disconnect the negative battery terminal.
2. Remove the air filter duct, all vacuum hoses, water (coolant) hoses and electrical connections from the stock throttle body. It is a good idea to mark all connections so that you can install them back in the proper place on the new throttle body.

**NOTE:** Be careful when disconnecting the coolant lines as water may run out. Put a plug in the end of the hose while it is disconnected to avoid additional coolant loss.

3. Open the throttle manually and disconnect the cable from the throttle body and slip the cable from the cam groove on the linkage.
4. Remove the four nuts holding the throttle body to the manifold and remove the throttle body.
5. Remove the MAP sensor and the Throttle Position Sensor from the stock throttle body and transfer them to the new throttle body. Inspect the MAP sensor O-ring and the TP sensor gasket. If they appear OK you can reuse them. Otherwise they should be replaced if torn or damaged.

**NOTE:** For optimum performance the inlet bore of the manifold should be the same diameter as the throttle body. If you elect to

do this, the manifold should be removed from the engine, port matched, thoroughly cleaned, and re-installed. Note that Professional Products offers a manifold for this engine that already has a 65mm inlet. It can be enlarged to 68mm if required.

6. Clean the surface of the intake manifold where the throttle body mates to it. Use the supplied gasket along with the factory attachment hardware and install the new throttle body to the manifold. Tighten nuts to 20 N•m or 14 lb. ft. of torque.
7. Slip throttle cable onto the linkage arm.
8. While a helper steps on the accelerator pedal, opening and closing the throttle, make sure that the throttle butterfly is opening fully and closing properly and smoothly. You can adjust the throttle cable if necessary to achieve wide open throttle.
9. Re-install the air filter duct, vacuum hoses, coolant hoses and the electrical connectors to the new throttle body.
10. Re-connect the battery terminal.
11. Add coolant if needed.
12. Start the engine and check for any leaks or loose connections.
13. Once the engine is warmed up, check the idle speed. It can be adjusted if necessary.

## Other Professional Products items for the Acura Type R:



WHIRLWIND  
Intake Manifold  
59000- Polished  
59001- Satin



POWERFLOW  
Fuel Rail  
10620



Far Right - POWERFORCE  
Harmonic Damper  
80053

Right - POWERFORCE+PLUS  
Harmonic Damper  
90050



**Professional  
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## Installation Instructions

For 65mm and 68mm Throttle Bodies for  
1994-'01 Acura Integra GSR

Catalog Numbers 69600, 69601, 69604, and 69605

**For safety, perform this installation when engine is cold.**

1. Disconnect the negative battery terminal.
2. Remove the air filter duct, all vacuum hoses, water (coolant) hoses and electrical connections from the stock throttle body. It is a good idea to mark all connections so that you can install them back in the proper place on the new throttle body.

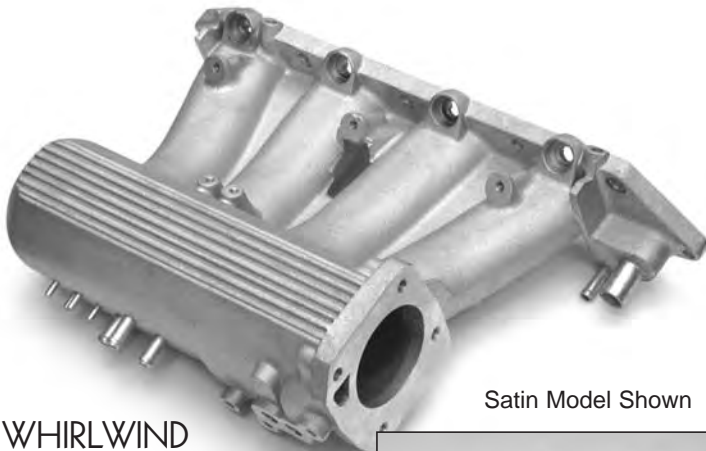
**NOTE:** Be careful when disconnecting the coolant lines as water may run out. Put a plug in the end of the hose while it is disconnected to avoid additional coolant loss.

3. Open the throttle manually and disconnect the cable from the throttle body and slip the cable from the cam groove on the linkage.
4. Remove the four nuts holding the throttle body to the manifold and remove the throttle body.
5. Remove the MAP sensor and the Throttle Position Sensor from the stock throttle body and transfer them to the new throttle body. Inspect the MAP sensor O-ring and the TP sensor gasket. If they appear OK you can reuse them. Otherwise they should be replaced if torn or damaged.
6. Remove the IAC motor (idle air control) from the factory throttle body. Examine the three O-rings. If torn, cut or damaged, replace them. Install the IAC onto the new throttle body. Torque bolts to 10 N•m or 7 lb. ft.

**NOTE:** For optimum performance the inlet bore of the manifold should be the same diameter as the throttle body. If you elect to do this, the manifold should be removed from the engine, port matched, thoroughly cleaned, and re-installed. Note that Professional Products offers a manifold for this engine that already has a 65mm inlet. It can be enlarged to 68mm if required.

7. Clean the surface of the intake manifold where the throttle body mates to it. Use the supplied gasket along with the factory attachment hardware and install the new throttle body to the manifold. Tighten nuts to 20 N•m or 14 lb. ft. of torque.
8. Slip throttle cable onto the linkage arm.
9. While a helper steps on the accelerator pedal, opening and closing the throttle, make sure that the throttle butterfly is opening fully and closing properly and smoothly. You can adjust the throttle cable if necessary to achieve wide open throttle.
10. Re-install the air filter duct, vacuum hoses, coolant hoses and the electrical connectors to the new throttle body.
11. Re-connect the battery terminal.
12. Add coolant if needed.
13. Start the engine and check for any leaks or loose connections.
14. Once the engine is warmed up, check the idle speed. It can be adjusted if necessary.

## Other Professional Products items for the Acura GSR:



Satin Model Shown

**WHIRLWIND**  
Intake Manifold  
59002- Polished  
59003- Satin

Far Right - **POWERFORCE**  
Harmonic Damper  
80052

Right - **POWERFORCE+PLUS**  
Harmonic Damper  
90050



**POWERFLOW**  
Fuel Rail  
10620

