

# Flyin' Miata

## NA Randall cowl intake 05-27000

Cover entrance to fender drain in cowl to prevent losing drilled out plug in your fender. Fit duct to airbox and firewall to determine exact location on firewall for duct flange, then use template to drill two holes with 32 mm (1.25") hole saw. Hydraulic line for clutch must be relocated downward before drilling (see below).



Notice clutch hydraulic line has been moved downward, and plastic clip on clutch line has been moved inboard from its normal position. Take care to prevent kinking bend in clutch line when moving it downward.



Cut straight lines tangent to two holes to make a rectangular hole with rounded corners. This operation is fast if you use an air-powered cutoff saw as shown in photo, but it could also be done with a hacksaw.



Deburr edges with file or Dremel. Touch up to prevent rust.

Notice that firewall hole is placed high, up next to hood. This helps prevent water or leaves from entering intake.

Install duct by snapping it all the way over the inlet on the stock airbox, then snap the top end of the duct into place. This can easily be done by using a spatula or gasket scraper (see photos on the next page) to lever the duct in place.



The duct will rest on the clutch master cylinder. This is perfectly acceptable and will not affect the operation of the clutch.

Fit can be fine-tuned by loosening three hold-down nuts on airbox, moving airbox, then re-tightening. The duct fits tightly between airbox and firewall, locked against flange at top of firewall. The duct flange sits flat against engine side of firewall. We just snap fit ours in so that it's easily removed to access clutch cylinder, but screws could be put in on flange ends.







