COBALT
PRECISION AUTO PARTS ™

904-651

Installation:
1. Open the engine compartment and remove the locknuts that secure the front struts to the shock towers, there are two on each side. Save the nuts, as you will reuse them to install the strut brace.
2. Install the brace loosely over the studs on the shock towers and re-install the locknuts finger tight.
3. Make sure that the firewall portion of the brace fits snuggly against the firewall and that the Vehicle Identification Number is clearly visible through the slot in the firewall portion of the brace. Insure that no part of the brace contacts any of the pipe or lines along the firewall. If so, gently bend them out of the way.
4. Temporarily place the backing plate on the immediate opposite side of the firewall as the strut brace. Visually align the brace and backing plate so that both parts are aligned and flush against their mounting surfaces. Remove the backing plate and mark the firewall for drilling using a marking pen and the strut brace as a template.
5. Remove the strut brace and drill the two 5/16" holes where you marked the firewall. Start with a smaller drill bit first and then gradually work your way up to 5/16".
6. Install the strut brace for the final time. Pass the bolts supplied through the firewall portion of the brace and the firewall itself. On the other side, install the backing plate on the bolts where they pass through the firewall. Install the nuts supplied on the bolts. Using a pen mark the three holes on the horizontal area where the backing plate sits on the firewall floor.
7. Remove the backing plate and drill the three holes previously marked on the firewall floor with a 1/8" drill bit.
8. Reinstall the backing plate on the firewall bolts and tighten the nuts securely. Finally install the three self-tapping sheet metal screws through the backing plate and into the new firewall floor holes. Finally securely tighten the strut tower locknuts.
9. After driving your Miata a few miles, recheck your installation making sure that all fasteners are secure.