

## COMPLAINT

SECONDARY COMPLAINTS

## Overheated converters

• Code P0740

## CAUSE

The main pressure regulator valve allows limited fluid to flow to the converter and cooler. The limited flow of charge oil crossing in front of the TCC piston allows the clutch to drag, creating the overheat condition.

## CORRECTION

Installing the Sonnax lube regulated pressure regulator valve will allow more fluid flow into the converter and cooler circuit. This will help maintain a proper converter operating temperature. The checkball inside the valve ensures converter fluid will not drain back when the vehicle is shut off.

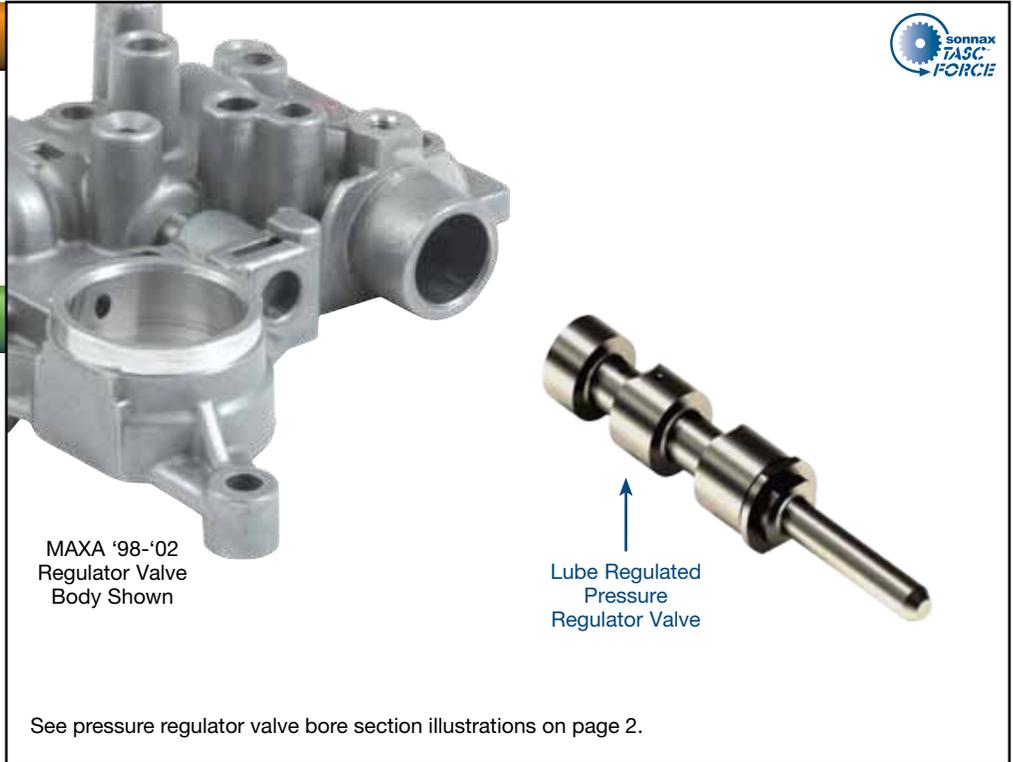
## Lube Regulated Pressure Regulator Valve

98892-04K

Patent Pending

**NOTE:** This kit fits various Honda 4/5 speed models. However, model to model, the appearance of valve bodies and the location of the pressure regulator valve bore may vary. The MAXA '98-'02, 2.3L Accord model is illustrated here.

This kit fits all 4/5 speed Honda/Acuras **except:** A6VA, AOYA, BOYA, MPOA, MPJA, APXA, MPXA, MP1A, PX4B, MPRA, RO, MPZA, M5HA, M1WA, M5DA, MPWA, MPYA.



MAXA '98-'02  
Regulator Valve  
Body Shown

Lube Regulated  
Pressure  
Regulator Valve

See pressure regulator valve bore section illustrations on page 2.

Honda/Acura models equipped with a four- or five-speed automatic transmission may overheat the converter. Insufficient flow to the TCC release circuit at low RPM allows the lockup piston to drag on the cover, generating heat (see **Figure 2** on page 2). This heat glazes the TCC lining and overheats the fluid. Eventually the slip rate cannot be controlled due to lining failure, resulting in code P0740. To prevent this problem, Sonnax offers a drop-in lube regulated pressure regulator valve **98892-04K**. This valve allows more flow to the converter and cooler circuits (see **Figure 3** on page 2), increasing converter charge during low pump output conditions, and includes an internal checkball to prevent converter drain back when the vehicle is off. The same valve design will assist converter charge and TCC apply pressure during low-output/high-load demand situations. Make sure to inspect and replace lockup control valve end-plugs to help ensure maximum TCC apply pressure (refer to **98892-01K** end plug information at [www.sonnax.com](http://www.sonnax.com)).

### Features & Benefits

- Maintains adequate converter charge and cooler flow at low RPM
- Checkball inside valve prevents converter drain back when vehicle is shut off
- Direct drop-in replacement part with no special tools required

# Honda/Acura 4/5 Speed

## Lube Regulated Pressure Regulator Valve

PART NUMBER 98892-04K

PART SUMMARY DATA SHEET

