

COMPLAINT

SECONDARY COMPLAINT

Harsh, bumpy or flare shifts

- Long shift and gear ratio codes

CAUSE

Wear at the 1-2/4-5, 2-3 and/or 3-4 overlap control valve sleeves allows modulating oil pressure to exhaust.

CORRECTION

These modulating sleeves position the valve for proper clutch feed. Sleeve kits correct the wear condition and restore control of clutch pressure apply or exhaust.

Overlap Control Valve Sleeve Kits

NEW PRODUCT!

68942-05K

3 Sleeves 1 for each location
3 O-Rings

Also available separately

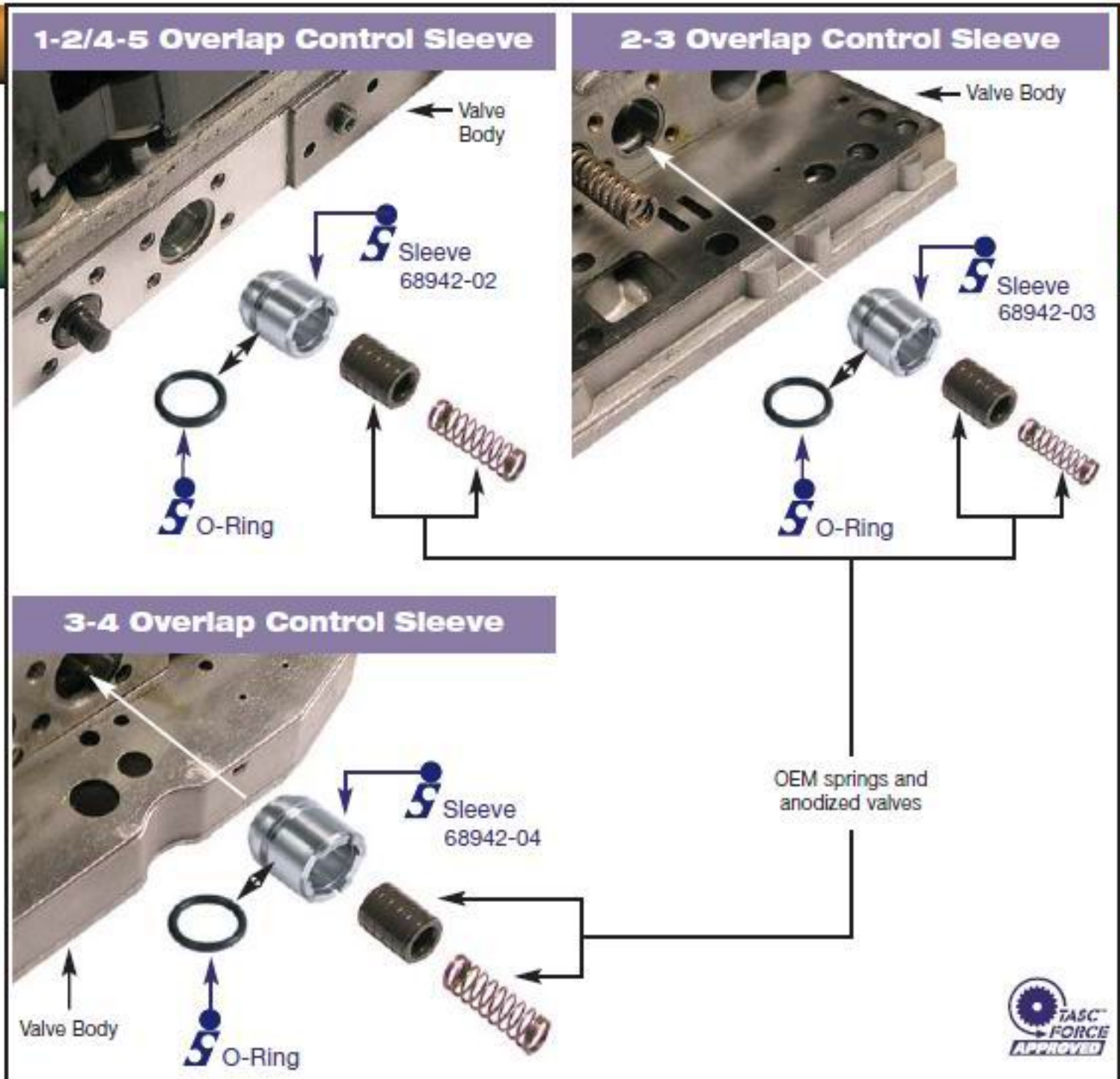
68942-02 1-2/4-5 Overlap Control Sleeve

68942-03 2-3 Overlap Control Sleeve

68942-04 3-4 Overlap Control Sleeve

Each kit includes the following

1 Sleeve
1 O-Ring



Sonnax Part Summary

The 1-2/4-5, 2-3 and/or 3-4 overlap control valve sleeves wear, allowing modulated oil pressure to exhaust or oppose the shift and create numerous shift complaints. The highly wear-resistant Sonnax replacement sleeves restore necessary hydraulic control tolerances, and have external o-rings to provide additional positive sealing in the bore. The OEM springs and anodized valves can be reused.

Features & Benefits

- Highly wear-resistant sleeves restore hydraulic control.
- External o-rings provide additional positive sealing in the bore.
- The OEM springs and anodized valves can be reused.
- End-face grooves aid in easy sleeve identification.

COMPLAINT

Premature planetary failure

Bearing & Seal Kit
for K2 Clutch Drum

NEW PRODUCT!

68410-02K

1 Needle Bearing

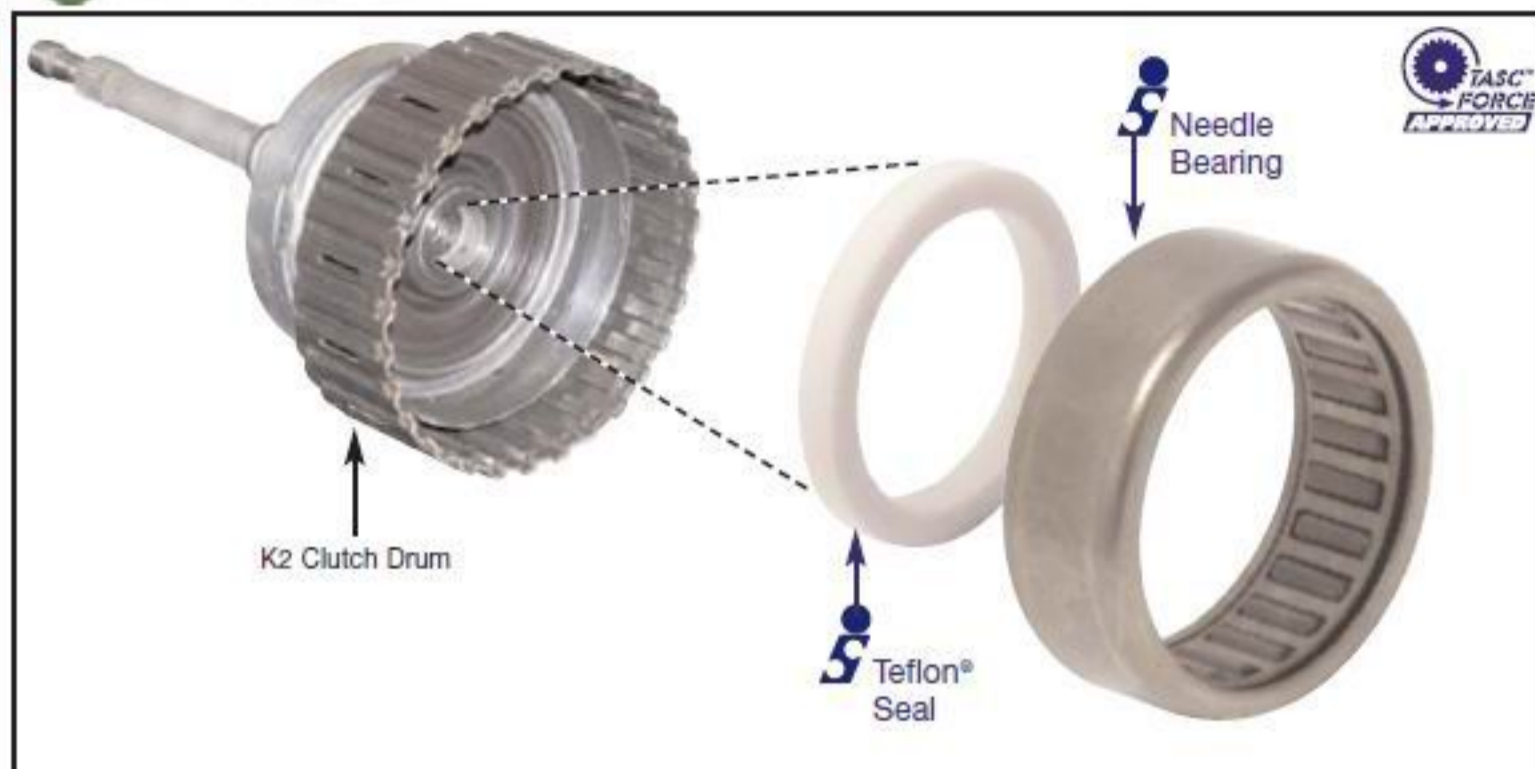
1 Teflon® Seal

CAUSE

Poor lubrication and bearing failure.

CORRECTION

The Sonnax kit is a drop-in replacement that prevents costly planet failure.



MERCEDES 722.6 '99 & Earlier

COMPLAINT

Delayed engagements

SECONDARY COMPLAINT

Solenoid Pressure
Regulator Spring

68942-01

1 Regulating Pressure
Control Valve Spring

Note: Fits '99 & earlier 722.6 units with 2 valves in the control pressure regulator bore. Will not fit later units with single valve line-up and 3.10" spring, body casting #R1402773801.

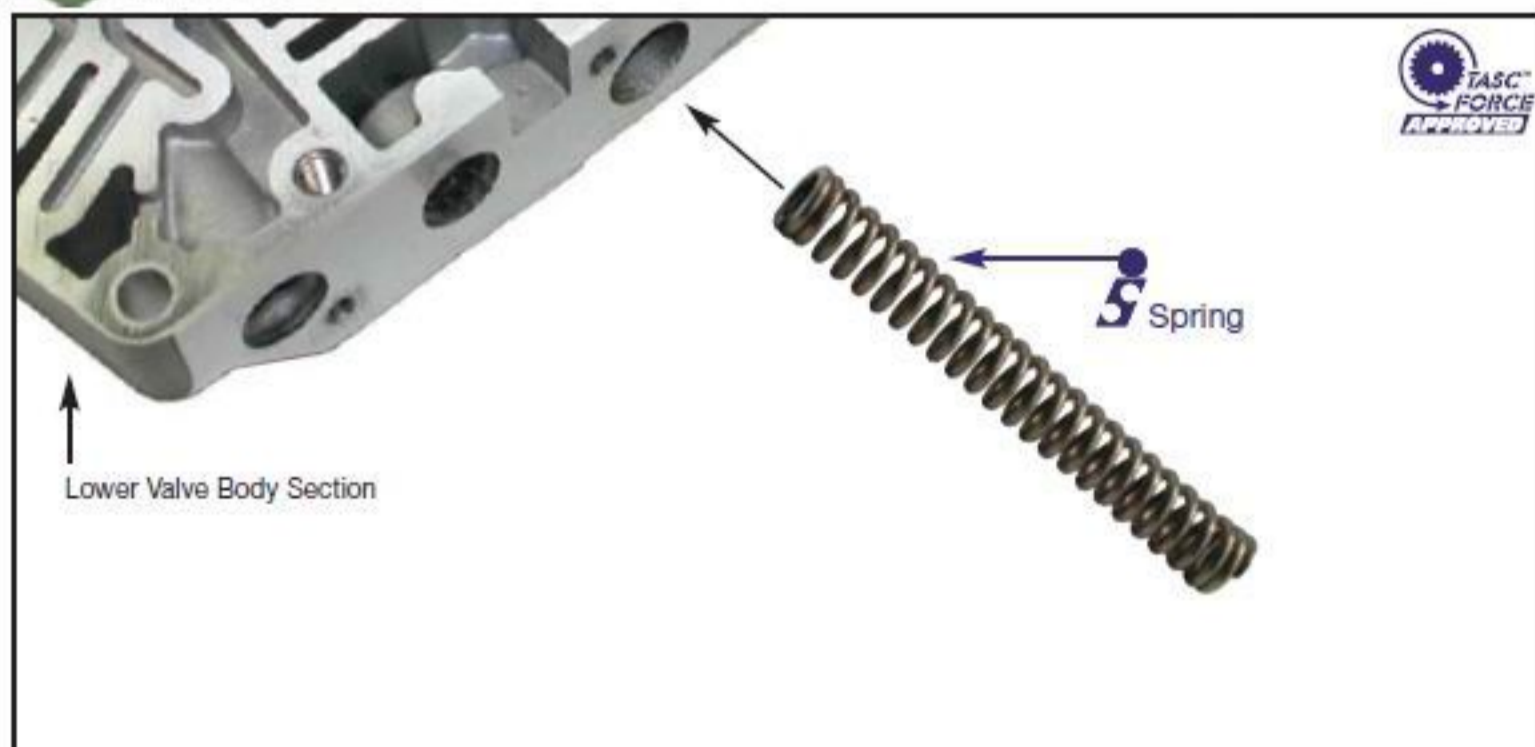
- Flared 2-3, 3-4, or 4-5 shifts

CAUSE

The solenoid pressure regulator valve spring breaks.

CORRECTION

Replace the OEM spring with the more durable Sonnax spring.



COMPLAINT

Normal wear damages bushing

Pump Stator Rear Bushing

68915-01

1 Pump Stator Rear Bushing

CAUSE

Replacements are not available from OEM.

CORRECTION

Sonnax precision bushing replaces the worn-out OEM pump/stator bushing, and is steel-backed with a copper alloy bearing surface for better wear resistance.



MERCEDES 722.3, 722.5, 722.6

COMPLAINT

Pump leaks, worn or spun bushing, loss of pump core

Pump Bushings

NEW PRODUCT!

68004-01

1 Precision Pump Bushing

NEW PRODUCT!

68004-02

1 Oversized Finish-in-Place Pump Bushing



Note: Pump pocket must be machined to accept oversized bushing. Finish in place after installation.

CAUSE

Drive plate, converter pilot or hub run-out causes excessive load on the OEM bushing.

CORRECTION

The Sonnax precision bushing or oversized finish-in-place bushing corrects wear and/or salvages damaged pumps.



COMPLAINT

K2 clutch drum bushing wear, loss of drum or output planet

K2 Clutch Drum Bushing

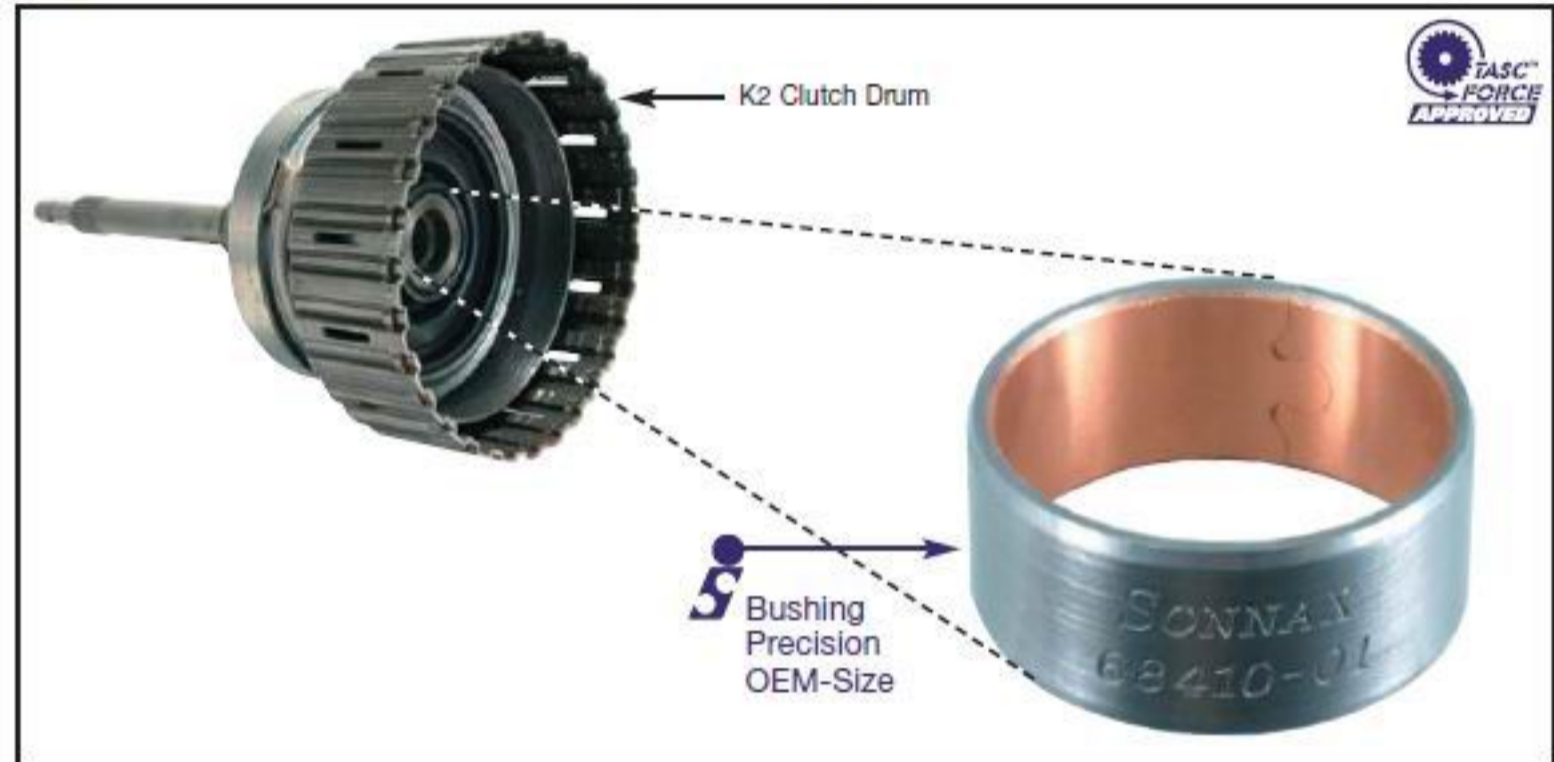
68410-01
1 Bushing

CAUSE

Output shaft pilot wears the bushing and causes the planetary to run off center.

CORRECTION

This bushing allows salvage of early-model drums with worn bushings and is a press-in fix requiring no machining.



MERCEDES 722.6 EARLY RWD

COMPLAINT

Planet failure or bushing failure

SECONDARY COMPLAINT

K2 Clutch Drum Bearing Race

68410-05
1 Bearing Race

NEW PRODUCT!

Note: Early style refers to the bushing-style K2 drum. This race allows early-style shafts to be converted for use with the later (bearing) style K2 replacement drums.

- Early-style output shafts won't work with replacement bearing-style K2 drums

CAUSE

Bushing wear leads to lubrication loss, causing planetary failure.

CORRECTION

This bearing race allows rebuilders to convert early-style output shafts for use with late-style K2 clutch drums. This provides a more durable repair, reducing risk of failure.

