

ALLISON 1000

P0776 SET

COMPLAINT: A 2018 to 2019 Chevrolet or GMC 2500/3500 Truck equipped with the Allison 1000 transmission has the "Service Engine" lamp illuminated with trouble codes P0700 "MIL Illumination Request" and P0776 "Solenoid B Controlled Clutch Stuck Off".

CAUSE: The output speed sensor tone wheel has a chipped tooth, refer to figure 1. Less than one whole tooth was missing, this was enough to cause a disruptive signal causing the above complaints.

CORRECTION: Replace the output speed sensor tone wheel.

NOTE: This condition can occur on both two wheel drive applications and four wheel drive application equipped with the MP1 200 series and MP1 600 series transfer cases.

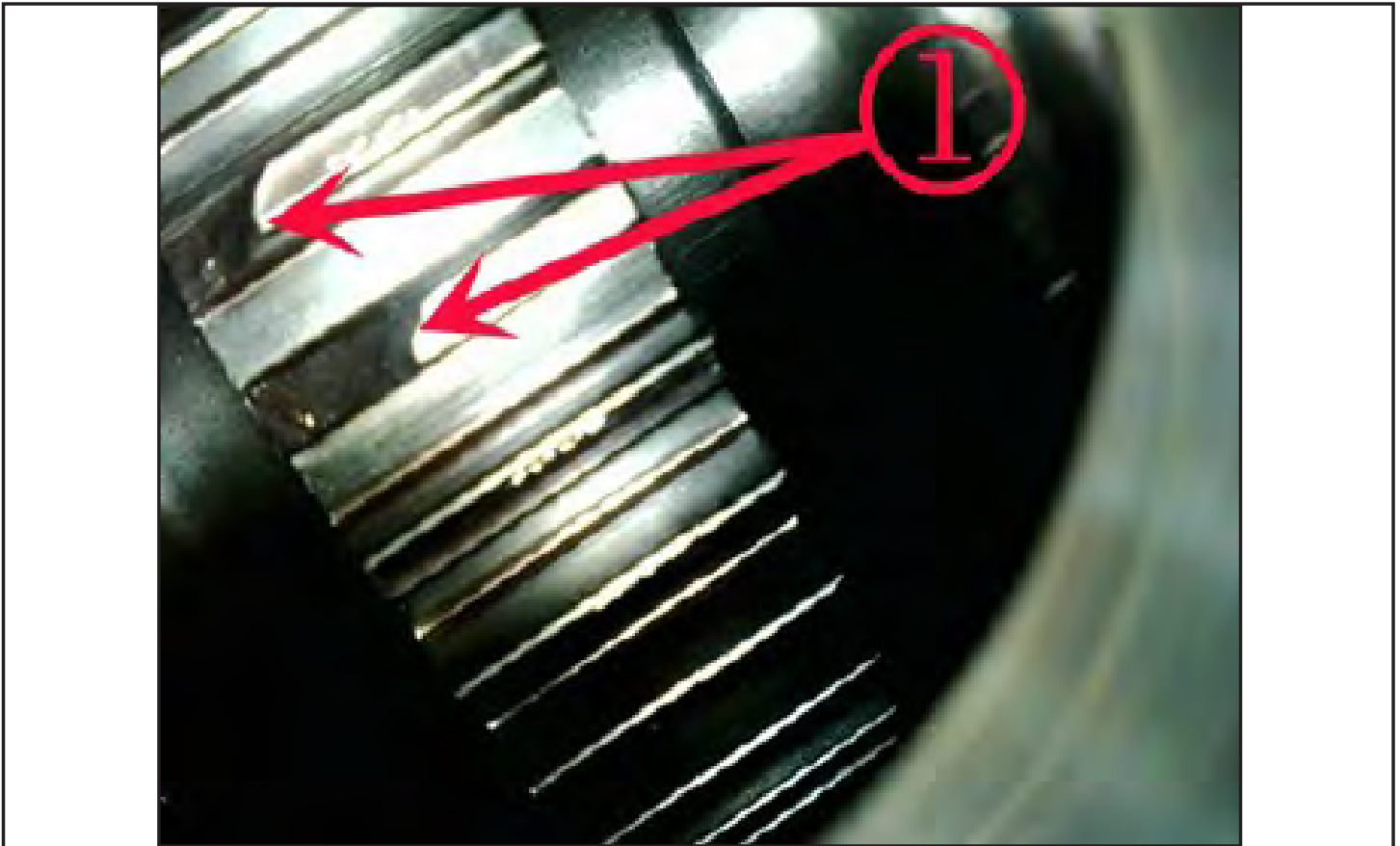


Figure 1