

REF: Production Change #3190  
FOUND IN KIT: Immediately  
TRANS: 02E (DSG)  
DATE: April 29, 2013  
AFFECTED KITS: K40900Q, K40900QX and all related Master & Banner kits

There are three impulsion wheels located on the Input (2) and output (1) shafts of the 02E/DSG. The purpose of these impulsion wheels is to read input and output shaft RPM's and feed that information to the input and output speed sensors. Each impulsion wheel is comprised of steel construction which is then coated with a rubber-metal composition. This coating constitutes a ring of small magnets with north and south poles. There is an air gap between each magnet to create the desired Hall Effect. While quite durable, the coating on these impulsion wheels have tendency to break down over time. Debris in the transmission and/or rough handling during teardown could damage the coating as well---and any contact with a strong magnet will immediately destroy the wheel's functionality. Therefore we are now including all three impulsion wheels in our 02E/DSG kits as follows:

- 1 PC. 40737\* For Input Shaft #1
- 1 PC. 40743\* For Input Shaft #2
- 1 PC. 40725\* For Output Shaft #2

\*Via SUB-K4029