



## Technical Bulletin #1718

Transmission: 6F35

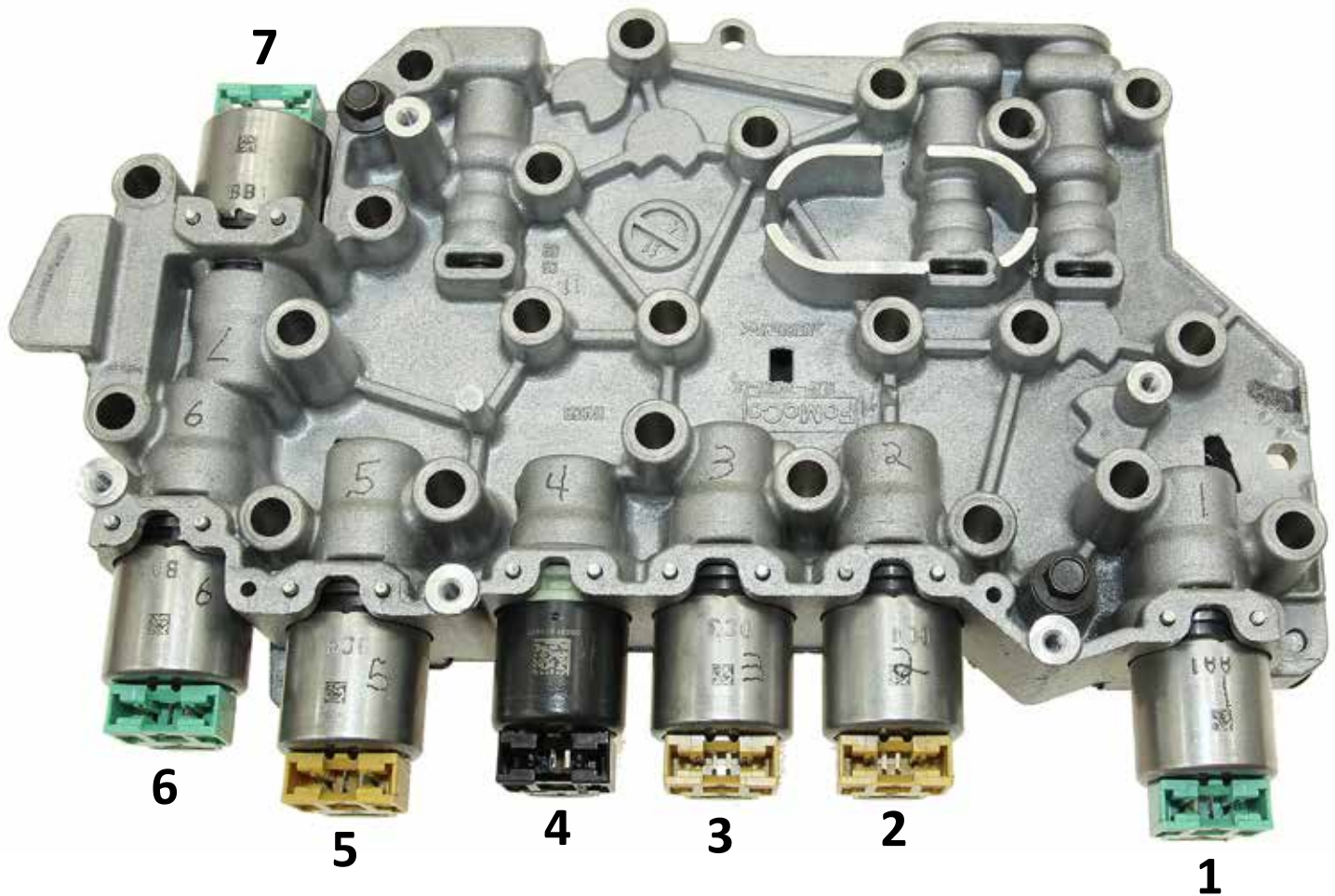
Subject: Solenoid ID & Temperature and Resistance

Application: Ford

Issue Date: January, 2016

# 6F35

## Solenoid ID & Temperature and Resistance



| 6F35 Solenoid Identification Chart |                               |
|------------------------------------|-------------------------------|
| 1                                  | Line Pressure Control (LPC)   |
| 2                                  | Shift Solenoid C (SSC)        |
| 3                                  | Torque Converter Clutch (TCC) |
| 4                                  | On/Off Shift Solenoid E (SSE) |
| 5                                  | Shift Solenoid A (SSA)        |
| 6                                  | Shift Solenoid B (SSB)        |
| 7                                  | Shift Solenoid D (SSD)        |

Solenoid Resistance Values: Shift Solenoid A (SSA), Shift Solenoid B (SSB), Shift Solenoid C (SSC), Shift Solenoid D (SSD), Torque Converter Clutch (TCC) and Line Pressure Control (LPC)

| Temperature and Resistance Chart |           |                   |
|----------------------------------|-----------|-------------------|
| Temperature                      |           | Resistance (ohms) |
| °C                               | °F        |                   |
| -20 to -10                       | -4 to 14  | 3.24 - 5.13       |
| -10 to 0                         | 14 - 32   | 3.43 - 5.32       |
| 0 - 10                           | 32 - 50   | 3.62 - 5.51       |
| 10 - 20                          | 50 - 68   | 3.81 - 5.70       |
| 20 - 30                          | 68 - 86   | 4.00 - 5.89       |
| 30 - 40                          | 86 - 104  | 4.19 - 6.08       |
| 40 - 50                          | 104 - 122 | 4.38 - 6.27       |
| 50 - 60                          | 122 - 140 | 4.57 - 6.46       |
| 60 - 70                          | 140 - 158 | 4.76 - 6.65       |
| 70 - 80                          | 158 - 176 | 4.95 - 6.83       |
| 80 - 90                          | 176 - 194 | 5.13 - 7.02       |
| 90 - 100                         | 194 - 212 | 5.32 - 7.21       |

Solenoid Resistance Values: Shift Solenoid E (SSE) (ON/OFF)

| Temperature and Resistance Chart |           |                   |
|----------------------------------|-----------|-------------------|
| Temperature                      |           | Resistance (ohms) |
| °C                               | °F        |                   |
| -20 to -10                       | -4 to 14  | 15.45 - 24.35     |
| -10 to 0                         | 14 - 32   | 16.35 - 25.25     |
| 0 - 10                           | 32 - 50   | 17.25 - 26.15     |
| 10 - 20                          | 50 - 68   | 18.15 - 27.05     |
| 20 - 30                          | 68 - 86   | 19.05 - 27.95     |
| 30 - 40                          | 86 - 104  | 19.95 - 28.85     |
| 40 - 50                          | 104 - 122 | 20.85 - 29.75     |
| 50 - 60                          | 122 - 140 | 21.75 - 30.65     |
| 60 - 70                          | 140 - 158 | 22.65 - 31.54     |
| 70 - 80                          | 158 - 176 | 23.54 - 32.44     |
| 80 - 90                          | 176 - 194 | 24.44 - 33.34     |
| 90 - 100                         | 194 - 212 | 25.34 - 34.24     |