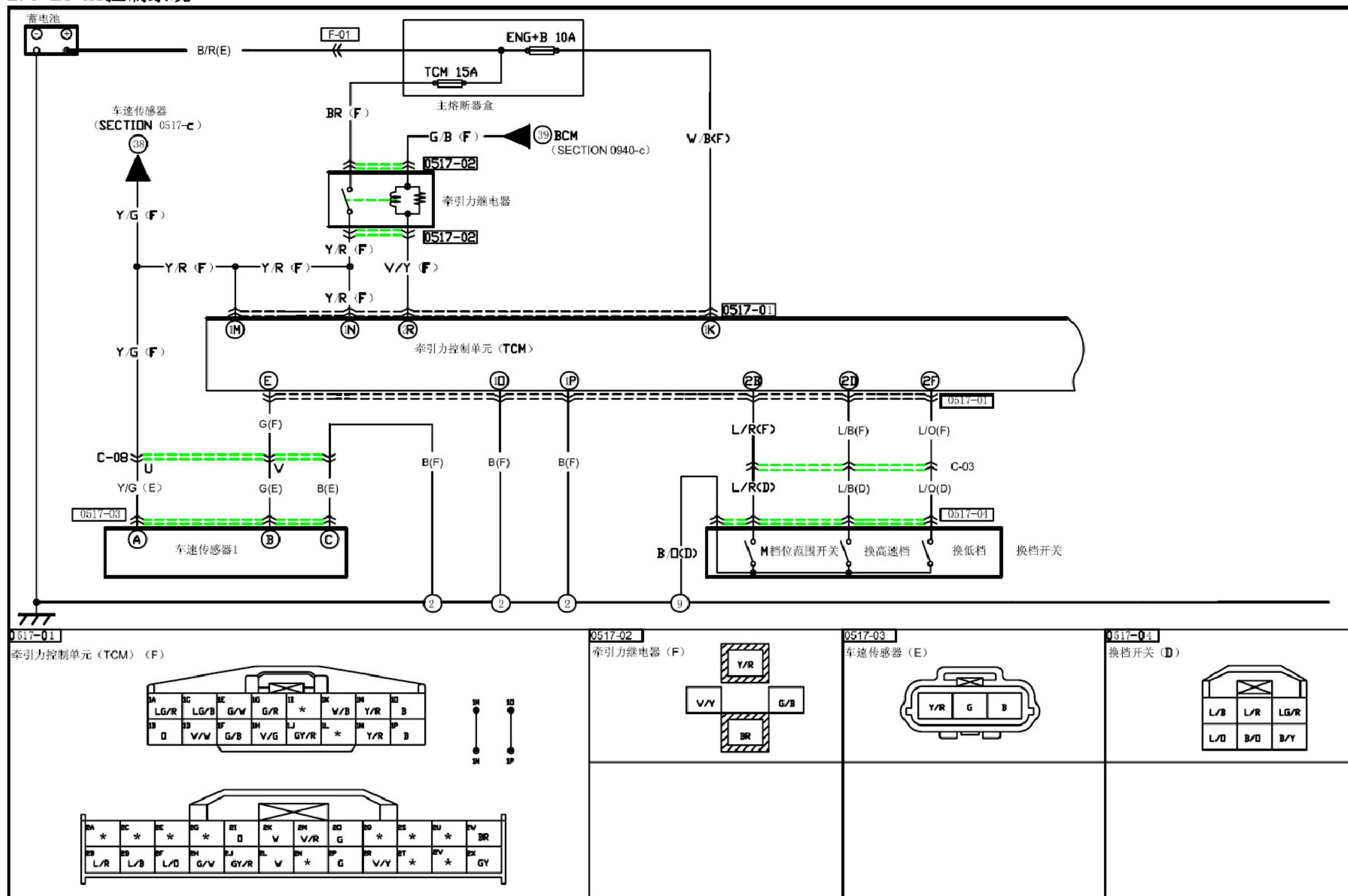
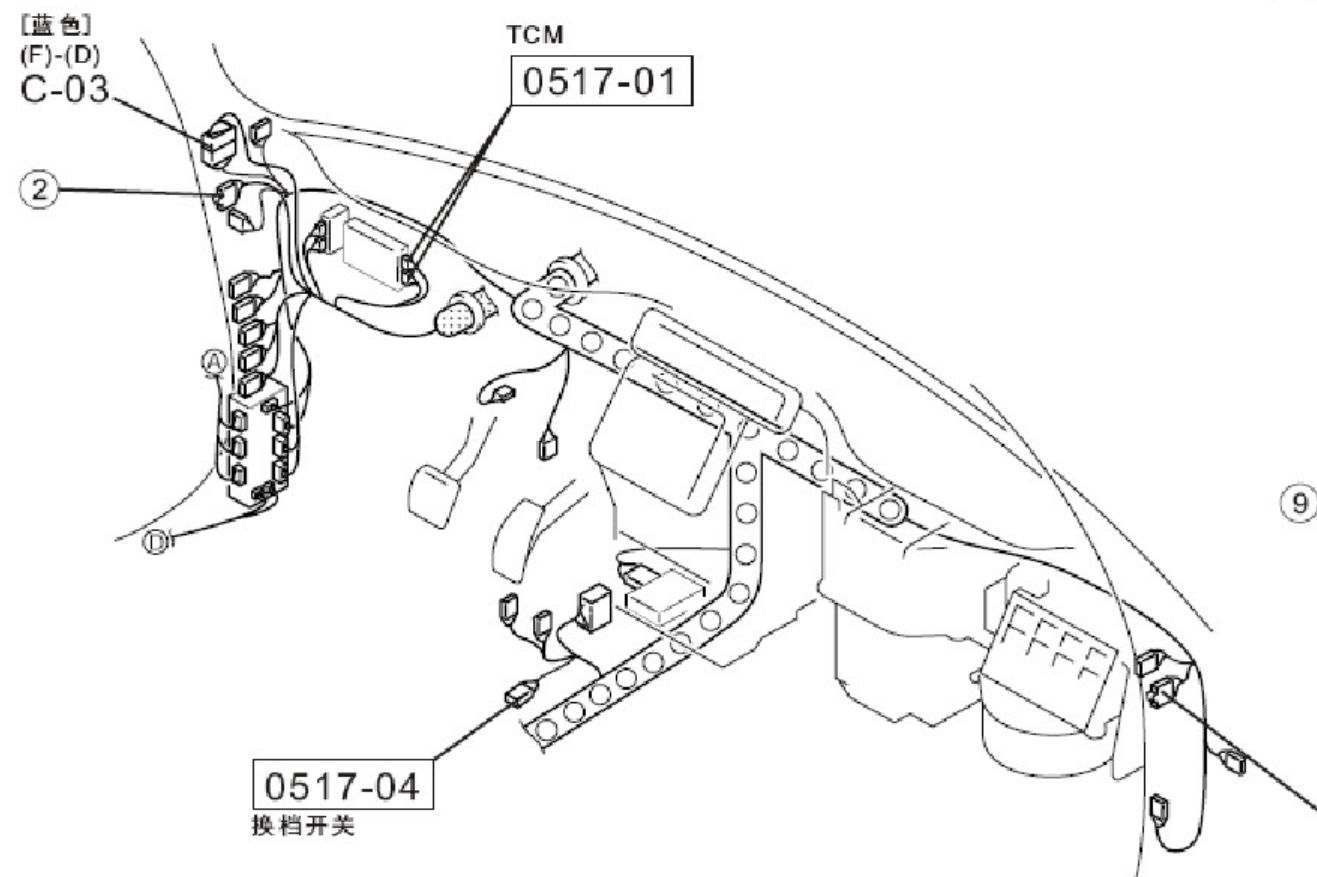
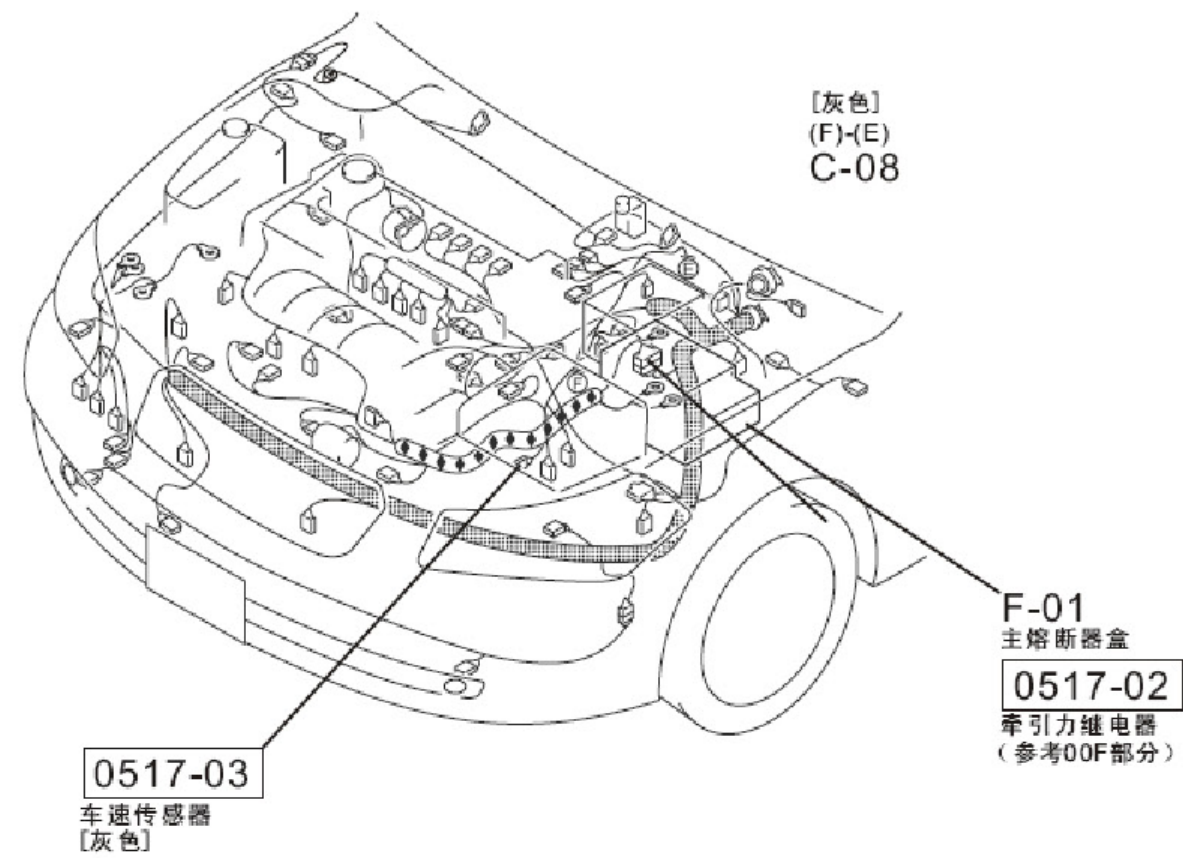


## 2.9 EC-AT控制系统





牵引力控制单元TCM

1A LG/R(F) 1B O(F) 1C LG/B(F) 1F G/B(F) 1H V/G(F) 1G G/R(F) 1E G/W(F) 2MA V/R(F) 1J GY/R(F) 1D V/W(F)

0517-01 0517-06 0517-12 0517-13 0517-13 0517-06

1B 1A 2A 3A 4A

换档电磁阀A 换档电磁阀B 换档电磁阀C 换档电磁阀D 换档电磁阀E 压力控制电磁阀A

TRANSAXLE FLUID TEMPERATURE SENSOR

排挡电磁阀F 压力控制电磁阀B

变速差速器箱

变速差速器档位范围开关 (SECTION 0517-c)

16 22 23

0517-01 TCM (F)

0517-06 前(F)——变速差速器专用线(主)

0517-07 电磁阀(变速差速器专用线)(主)

1B 1A 2A 3A 4A

G L BR L B L O L W R

G/B V/R G G V/G G/R

前(F)——速差速器专用线(副)

(F)

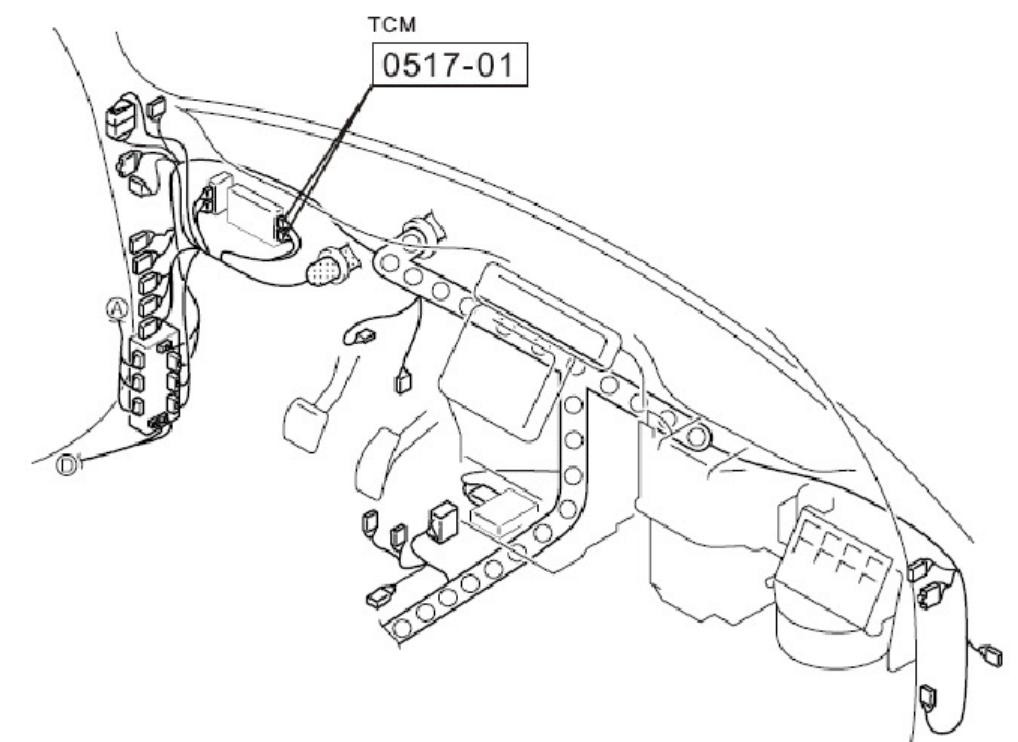
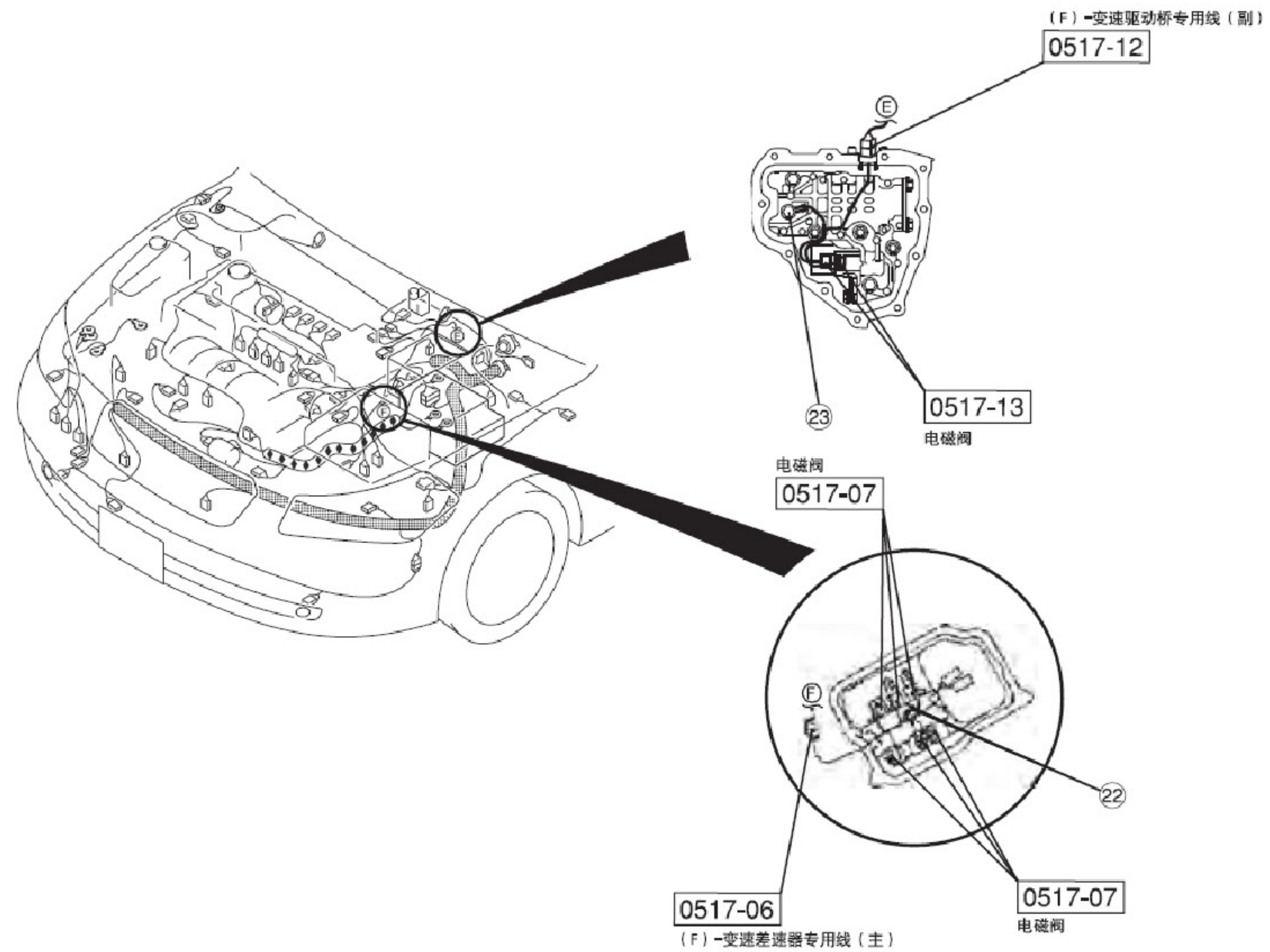
(变速差速器专用线)(副)

4A

G B

4A

G L B





**Legend:**

- 0517-01: TCM (F)
- 0517-08: 前 (F) - 专用线 (Front (F) - Dedicated line)
- 0517-09: 油压开关 - 专用线 (Oil pressure switch - Dedicated line)
- 0517-10: 车速传感器 (F) (Vehicle speed sensor (F))
- 0517-11: 输入/涡轮速度传感器 (Input/Turbine speed sensor)
- 0119-203: 变速差速器档位范围开关 (F) (Transmission/differential range switch (F))

**TCM Pinout Table:**

|      |      |     |     |      |     |     |    |     |    |    |    |    |    |    |    |
|------|------|-----|-----|------|-----|-----|----|-----|----|----|----|----|----|----|----|
| 1A   | 1B   | 1C  | 1D  | 1E   | 1F  | 1G  | 1H | 1I  | 1J | 1K | 1L | 1M | 1N | 1O | 1P |
| LG/R | LG/B | G/W | G/R | *    | V/B | Y/R | B  |     |    |    |    |    |    |    |    |
| 2A   | 2B   | 2C  | 2D  | 2E   | 2F  | 2G  | 2H | 2I  | 2J | 2K | 2L | 2M | 2N | 2O | 2P |
| L/R  | L/B  | L/D | G/V | GY/R | W   | *   | G  | V/Y | *  | *  | GY |    |    |    |    |

**Wiring Details:**

- TCM (F) Connections:**
  - Pin 1A: 21A (SHIELD WIRE)
  - Pin 1B: 21A (SHIELD WIRE)
  - Pin 1C: 21A (SHIELD WIRE)
  - Pin 1D: 21A (SHIELD WIRE)
  - Pin 1E: 21A (SHIELD WIRE)
  - Pin 1F: 21A (SHIELD WIRE)
  - Pin 1G: 21A (SHIELD WIRE)
  - Pin 1H: 21A (SHIELD WIRE)
  - Pin 1I: 21A (SHIELD WIRE)
  - Pin 1J: 21A (SHIELD WIRE)
  - Pin 1K: 21A (SHIELD WIRE)
  - Pin 1L: 21A (SHIELD WIRE)
  - Pin 1M: 21A (SHIELD WIRE)
  - Pin 1N: 21A (SHIELD WIRE)
  - Pin 1O: 21A (SHIELD WIRE)
  - Pin 1P: 21A (SHIELD WIRE)
- BCM (F) Connections:**
  - Pin 1A: 21A (SHIELD WIRE)
  - Pin 1B: 21A (SHIELD WIRE)
  - Pin 1C: 21A (SHIELD WIRE)
  - Pin 1D: 21A (SHIELD WIRE)
  - Pin 1E: 21A (SHIELD WIRE)
  - Pin 1F: 21A (SHIELD WIRE)
  - Pin 1G: 21A (SHIELD WIRE)
  - Pin 1H: 21A (SHIELD WIRE)
  - Pin 1I: 21A (SHIELD WIRE)
  - Pin 1J: 21A (SHIELD WIRE)
  - Pin 1K: 21A (SHIELD WIRE)
  - Pin 1L: 21A (SHIELD WIRE)
  - Pin 1M: 21A (SHIELD WIRE)
  - Pin 1N: 21A (SHIELD WIRE)
  - Pin 1O: 21A (SHIELD WIRE)
  - Pin 1P: 21A (SHIELD WIRE)
- Input/Turbine Speed Sensor (F) Connections:**
  - Pin 1A: 21A (SHIELD WIRE)
  - Pin 1B: 21A (SHIELD WIRE)
  - Pin 1C: 21A (SHIELD WIRE)
  - Pin 1D: 21A (SHIELD WIRE)
  - Pin 1E: 21A (SHIELD WIRE)
  - Pin 1F: 21A (SHIELD WIRE)
  - Pin 1G: 21A (SHIELD WIRE)
  - Pin 1H: 21A (SHIELD WIRE)
  - Pin 1I: 21A (SHIELD WIRE)
  - Pin 1J: 21A (SHIELD WIRE)
  - Pin 1K: 21A (SHIELD WIRE)
  - Pin 1L: 21A (SHIELD WIRE)
  - Pin 1M: 21A (SHIELD WIRE)
  - Pin 1N: 21A (SHIELD WIRE)
  - Pin 1O: 21A (SHIELD WIRE)
  - Pin 1P: 21A (SHIELD WIRE)
- Vehicle Speed Sensor (F) Connections:**
  - Pin 1A: 21A (SHIELD WIRE)
  - Pin 1B: 21A (SHIELD WIRE)
  - Pin 1C: 21A (SHIELD WIRE)
  - Pin 1D: 21A (SHIELD WIRE)
  - Pin 1E: 21A (SHIELD WIRE)
  - Pin 1F: 21A (SHIELD WIRE)
  - Pin 1G: 21A (SHIELD WIRE)
  - Pin 1H: 21A (SHIELD WIRE)
  - Pin 1I: 21A (SHIELD WIRE)
  - Pin 1J: 21A (SHIELD WIRE)
  - Pin 1K: 21A (SHIELD WIRE)
  - Pin 1L: 21A (SHIELD WIRE)
  - Pin 1M: 21A (SHIELD WIRE)
  - Pin 1N: 21A (SHIELD WIRE)
  - Pin 1O: 21A (SHIELD WIRE)
  - Pin 1P: 21A (SHIELD WIRE)
- Oil Pressure Switch (F) Connections:**
  - Pin 1A: 21A (SHIELD WIRE)
  - Pin 1B: 21A (SHIELD WIRE)
  - Pin 1C: 21A (SHIELD WIRE)
  - Pin 1D: 21A (SHIELD WIRE)
  - Pin 1E: 21A (SHIELD WIRE)
  - Pin 1F: 21A (SHIELD WIRE)
  - Pin 1G: 21A (SHIELD WIRE)
  - Pin 1H: 21A (SHIELD WIRE)
  - Pin 1I: 21A (SHIELD WIRE)
  - Pin 1J: 21A (SHIELD WIRE)
  - Pin 1K: 21A (SHIELD WIRE)
  - Pin 1L: 21A (SHIELD WIRE)
  - Pin 1M: 21A (SHIELD WIRE)
  - Pin 1N: 21A (SHIELD WIRE)
  - Pin 1O: 21A (SHIELD WIRE)
  - Pin 1P: 21A (SHIELD WIRE)
- Transmission/Differential Range Switch (F) Connections:**
  - Pin 1A: 21A (SHIELD WIRE)
  - Pin 1B: 21A (SHIELD WIRE)
  - Pin 1C: 21A (SHIELD WIRE)
  - Pin 1D: 21A (SHIELD WIRE)
  - Pin 1E: 21A (SHIELD WIRE)
  - Pin 1F: 21A (SHIELD WIRE)
  - Pin 1G: 21A (SHIELD WIRE)
  - Pin 1H: 21A (SHIELD WIRE)
  - Pin 1I: 21A (SHIELD WIRE)
  - Pin 1J: 21A (SHIELD WIRE)
  - Pin 1K: 21A (SHIELD WIRE)
  - Pin 1L: 21A (SHIELD WIRE)
  - Pin 1M: 21A (SHIELD WIRE)
  - Pin 1N: 21A (SHIELD WIRE)
  - Pin 1O: 21A (SHIELD WIRE)
  - Pin 1P: 21A (SHIELD WIRE)

