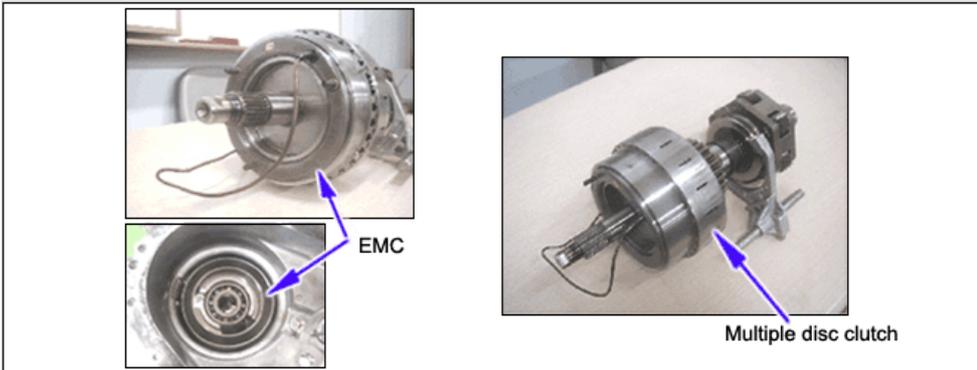


### Component Location



### Troubleshooting Hints

#### Related Items

1. Short to battery in control circuit
2. Open in control circuit
3. Component malfunction

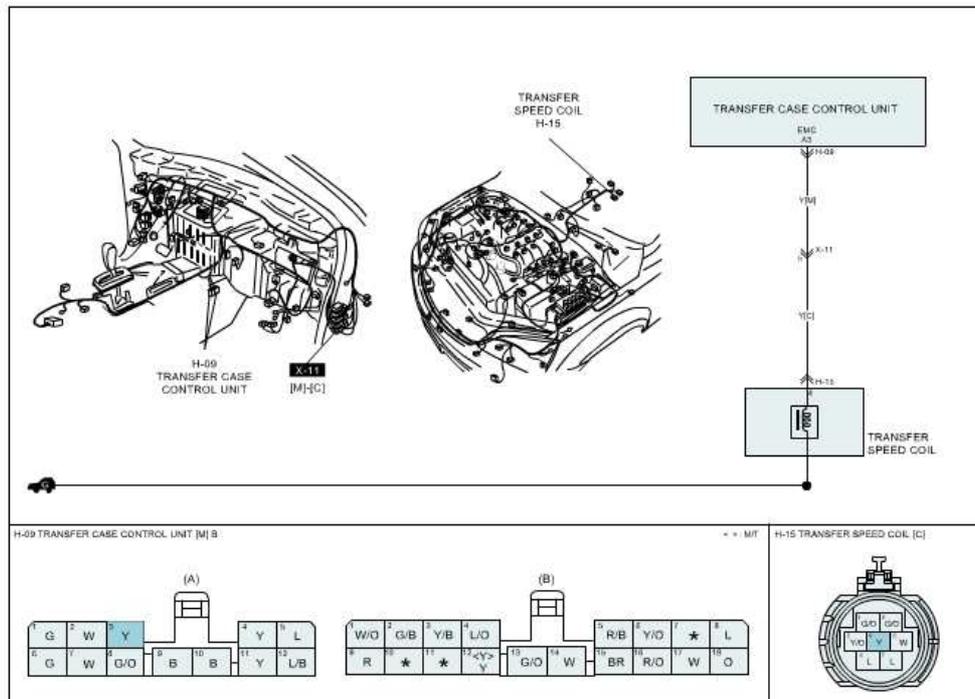
#### Fault Symptoms

1. Warning lamp blinks after 1 sec. since the fault is occurred.
2. Fail at the 'AUTO mode' : AUTO mode holding/4LOW lamp blinks if '4L' is selected
3. Fail at the '4LOW mode' : 4L mode holding/4LOW lamp blinks if 'AUTO' is selected
4. Even though the fault is repaired, shift prevention is still existed. If IG. ON again, system is operated normally

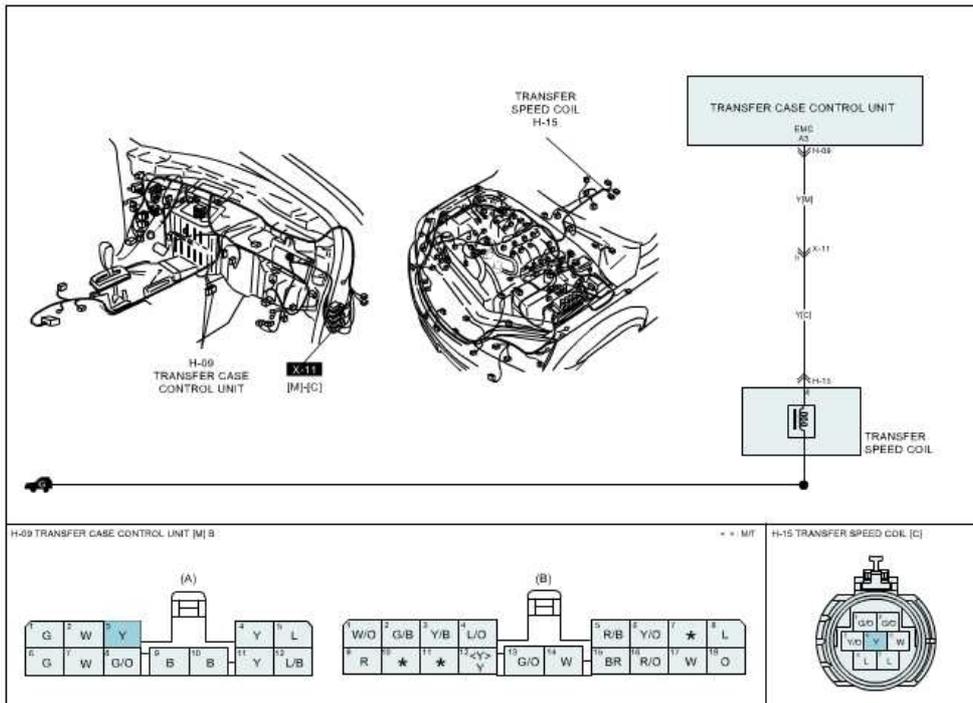
### Description

Driving torque to the rear shaft is transmitted to the front shaft by way of a multiple disc clutch. Output torque through the disc clutch is changeable by the amount of the applied current to the EMC(Electronic Magnetic Clutch). There is a cam with 3 balls Between a multiple disc clutch and a EMC housing. If higher current is applied to the EMC, more magnetic pressure pushes disc clutch via a cam. As a result, more frictional force is generated in a disc clutch assembly allowing a higher torque transmission.

### Schematic Diagram



### Schematic Diagram



**Full Circuit**

