05IK3–02

FAIL–SAFE CHART

When a problem occurs in the electronic motor power steering system, the PS warning is indicated on the multi–display, the master warning light on the combination meter comes on, and steering power assist is stopped, fixed at a particular point, or decreased simultaneously to protect the system.

DTC No.	Malfunction	Fail–safe
C1511 C1512 C1513 C1514 C1517	Torque sensor malfunction	Power assist stops.
C1524	Motor malfunction	Power assist stops.
C1531 C1532	Power steering ECU malfunction	Power assist stops.
C1533	Temperature sensor malfunction in power steering ECU	Amount of power assist is limited.
C1551	IG power source voltage error	Power assist stops.
C1552	PIG power source voltage error	Power assist stops.
C1554	Power source relay malfunction	Power assist stops.
C1555	Motor relay malfunction	Power assist stops.
U0073	CAN bus malfunction	Amount of power assist is fixed for a speed of 70 km/h (43 mph).
U0121	ABS (ECB) ECU communication error	Amount of power assist is fixed for a speed of 70 km/h (43 mph).
–	Extremely high temperature in ECU	Amount of power assist is limited until ECU temperature goes down.
–	Power source voltage drop	Power assist is interrupted, but normal power assist is resumed when voltage returns.

HINT:

Amount of power assist may be decreased to prevent the motor and ECUs from overheating if the steering wheel is continuously turned when the vehicle is either stopped or driven at a low speed, or if the steering wheel is kept at either full lock position for a long time. In that case, amount of power assist returns to normal if the steering wheel is not turned for approximately 10 minutes with the engine idling.