

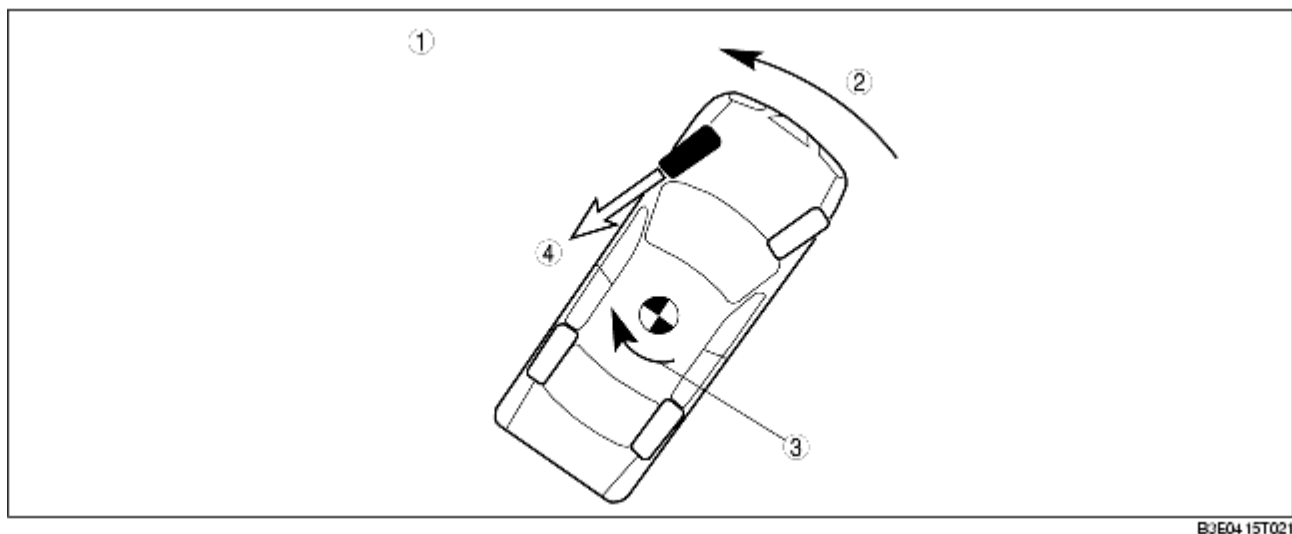
DSC CONTROL OPERATION

B3E041543750T10

- When the DSC HU/CM determines that the vehicle has a strong oversteer or understeer tendency, engine output is lowered and, at the same time, it suppresses the yaw moment by affecting the braking of the front or rear wheels to inhibit the oversteer or understeer tendency.

Oversteer Tendency Suppression

- When a large oversteer tendency is determined, braking is applied the outer front wheel according to the degree of the tendency. As a result, a yaw moment is formed towards the outer side of the vehicle and the oversteer tendency is suppressed.

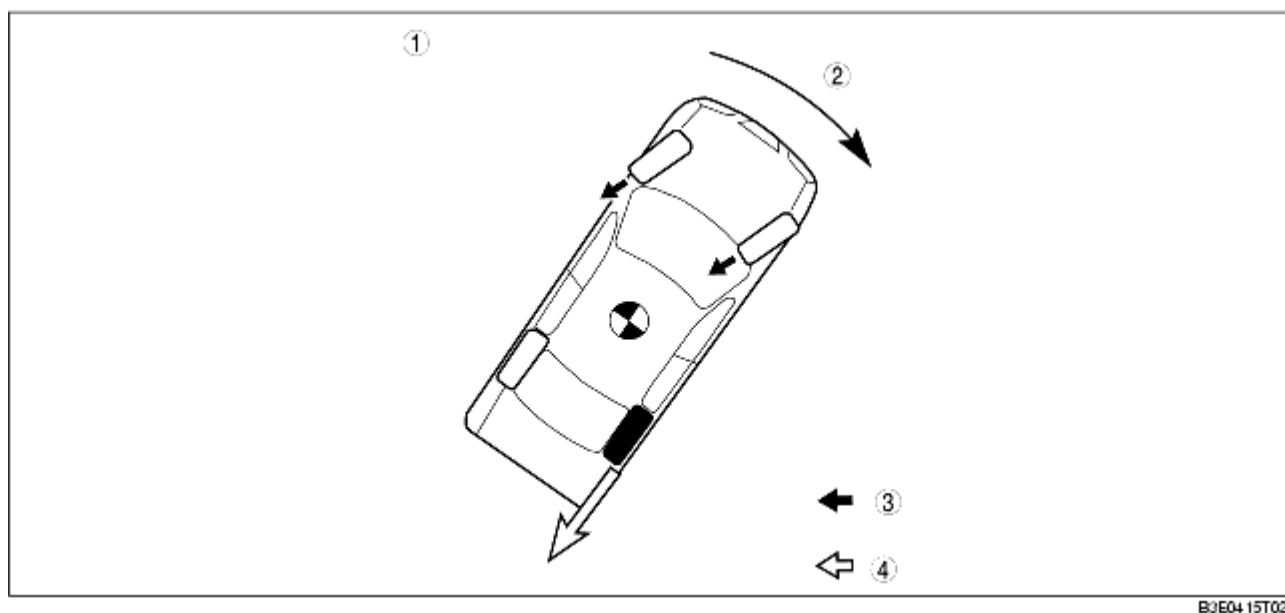


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1	Cornering to right
2	Outward yaw momentum
3	Yaw momentum
4	Brake force from hydraulic brakes

Understeer Tendency Suppression

- When a large understeer tendency is determined, engine output is controlled and braking is applied to the inner front wheel according to the degree of the tendency. As a result, a yaw moment is formed towards the inner side of the vehicle and the understeer tendency is suppressed.



1	Cornering to right
2	Inward yaw momentum
3	Brake force from engine braking
4	Brake force from hydraulic brakes