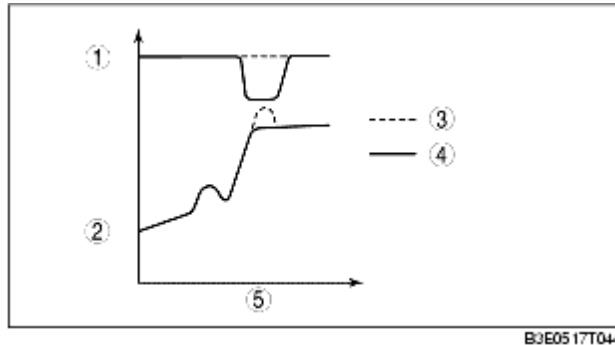


# ENGINE-TRANSAXLE TOTAL CONTROL OPERATION

B3E051701030T25

- When shifting, engine output torque is reduced temporarily and the clutch is engaged smoothly by engine ignition timing retard control to reduce the fluctuation of the output shaft torque during shifting.
- Engine output torque is estimated according to the engine speed, intake air amount, etc., and the clutch engagement pressure is determined according to the engine output torque. Thus the set accuracy of the clutch hydraulic pressure control is improved, realizing smooth shifting.



B3E0517T044

1	Engine output torque
2	Output shaft torque
3	Without engine ignition timing retard control
4	With engine ignition timing retard control
5	Time