

# ELECTRONIC CONTROL ITEMS AND CONTENTS

B3E051701030T15

Item	Content
Line pressure control	<ul style="list-style-type: none"><li>• Using linear type pressure control solenoids, adjusts line pressure according to engine load condition and vehicle driving condition.</li></ul>
Shift control	<ul style="list-style-type: none"><li>• Detects engine load condition and vehicle speed, and switches to the most suitable gear position according to the preset shift diagram.</li><li>• In D range, automatically switches between POWER and NORMAL modes according to accelerator pedal depressing speed.</li></ul>
Clutch pressure direct control (Direct electric shift control)	<ul style="list-style-type: none"><li>• With duty-cycle type shift solenoids A, B, and C, directly performs electronic control for clutch engagement pressure according to engine load condition and vehicle driving condition.</li></ul>
Feedback control	<ul style="list-style-type: none"><li>• Performs real-time feedback correction for clutch engagement pressure to achieve target shifts.</li><li>• Performs optimal correction for clutch engagement pressure to reduce changes in engine performance and/or elapsed transaxle.</li></ul>
Engine-transaxle total control	<ul style="list-style-type: none"><li>• Optimally controls engine output torque when shifting.</li><li>• Operates optimal clutch engagement pressure corresponding to engine output torque.</li></ul>
TCC control	<ul style="list-style-type: none"><li>• According to preset TCC point, performs TCC operation via smooth TCC.</li></ul>
Slope mode control	<ul style="list-style-type: none"><li>• Changes the shift point to prevent frequent shifting up/down when climbing hills and descending hills.</li></ul>
On-board diagnostic system	<ul style="list-style-type: none"><li>• Detects and/or memorizes failure of input/output part and transaxle condition.</li></ul>
Manual mode shift control	<ul style="list-style-type: none"><li>• Shifts to selected gear position by manual shifting of the selector lever forward and back.</li></ul>