

# TRANSMISSION/TRANSAXLE FEATURES

B3E050001030T02

<b>CLUTCH</b>	
Improved operability	• A hydraulic clutch control mechanism is used
<b>MT [F35M-R]</b>	
Improved operability	<ul style="list-style-type: none"> <li>• Linked, double-cone synchronizer mechanism adopted for 1st and 2nd gears</li> <li>• Double-ball construction detent balls adopted (small balls positioned on the backside of the balls inserted in the rod end)</li> <li>• Optimal control rod end load characteristics</li> <li>• Special surface finish (bushings with teflon coating for low friction resistance adopted) used on shafts of linkage parts (shift rod, crank lever, control rod)</li> <li>• Optimal positioning of reverse link support/leverage points</li> </ul>
Improved reliability	• A double engagement prevention mechanism (interlock mechanism) has been adopted
Mis-shift prevention	• A cam-type reverse lock-out mechanism has been adopted
<b>MT [G35M-R]</b>	
Improved operability	<ul style="list-style-type: none"> <li>• Linked, double-cone synchronizer mechanism adopted for 1st and 2nd gears</li> <li>• Double-ball construction detent balls adopted (small balls positioned on the backside of the balls inserted in the rod end)</li> <li>• Optimal control rod end load characteristics</li> <li>• Special surface finish (bushings with teflon coating for low friction resistance adopted) used on shafts of linkage parts (shift rod, crank lever, control rod)</li> <li>• Optimal positioning of reverse link support/leverage points</li> </ul>
Improved reliability	• A double engagement prevention mechanism (interlock mechanism) has been adopted
Mis-shift prevention	• A cam-type reverse lock-out mechanism has been adopted
<b>ATX</b>	
Superior shift quality	<ul style="list-style-type: none"> <li>• Direct electric shift control adopted</li> <li>• Feedback control system adopted</li> <li>• Centrifugal balance clutch chamber adopted</li> <li>• Engine-transaxle total control system adopted</li> </ul>
High efficiency, compactness, lightweight	• Miniature trochoid gear oil pump with torque converter direct drive adopted
Improved reliability	• Variable resistor type TR switch has been adopted
Improved driveability	• Control feature for climbing/descending hills adopted, improving driveability when climbing/descending
Improved marketability	• Sport AT adopted