

COACH MODEL : C2045, T-2100, & TD925

DATE : February 2, 2011

SUBJECT : Operation of ZF AS-TRONIC Shifter Pad.



ZF AS-TRONIC shifter

Manual/Automatic Mode Indicator:

Auto – Green Arrows Present

Manual – No Arrows Present

RND – Status Indicator

3 Red LED's

"Reverse"

"Neutral"

"Drive"

2 Digit Alphanumeric Display (Gear Attained, Warning Indications And Diagnostic Information)

"Upshift"

"Downshift"



Warning Indications on display:

- CH - Self Diagnostic Check
- AL - Air Less (low air)
- CL - Clutch Load
- CW - Clutch Wear
- FP - Foot Pedal (accelerator pedal error)
- SM - System Malfunction
- HT - High Temperature (gearbox $\geq 130^{\circ}\text{C}$, TCU $\geq 125^{\circ}\text{C}$)
- NS - Neutral Shift (auto neutral)
- TC - Transmission Check (position learning error)
- CC - Clutch Check (clutch position can not be learned)
- ES - Easy Start failure is detected
- - Communication of the display with TCU is disturbed
- EE - Communication of the display with TCU is disturbed
- EX - External signal active
- BP - Actuate brake pedal
- SG - Control unit reset

"Function Key" (Toggles Between Auto/Manual Mode)