

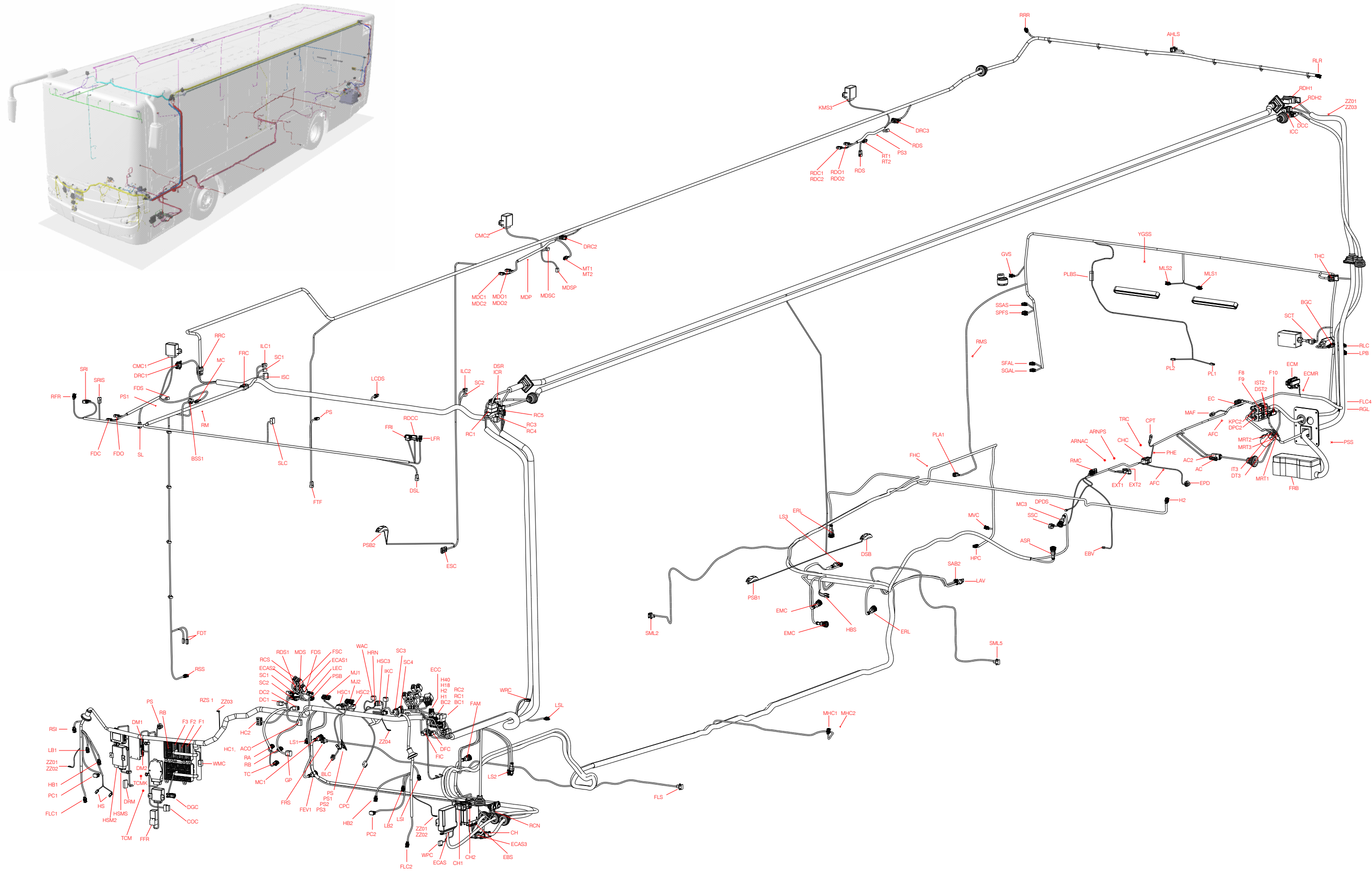
CITIBUS A/T E6 ELECTRICAL CIRCUITS DIAGRAMS

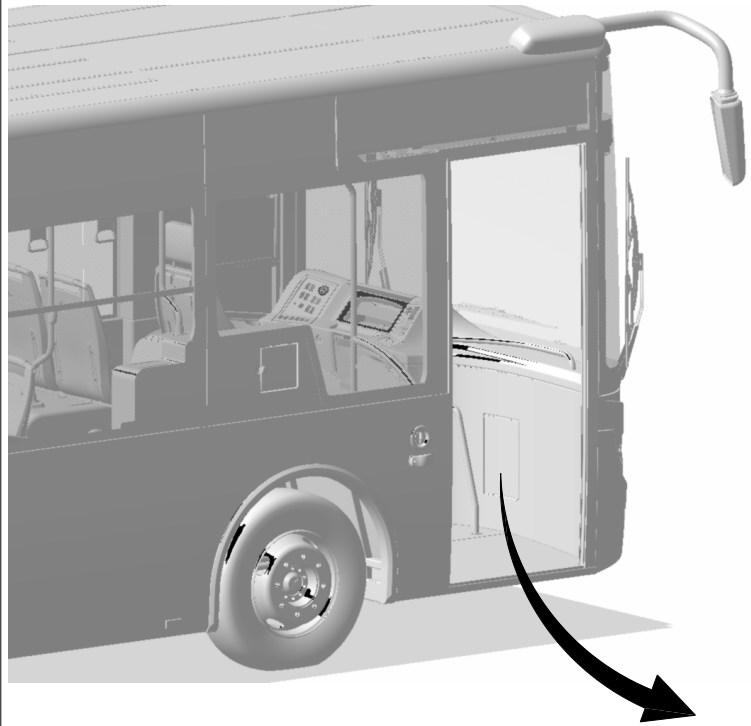


**ANADOLU
ISUZU**

ANADOLU ISUZU OTOMOTIV
SANAYI VE TİCARET A.Ş.

JULY / 2017

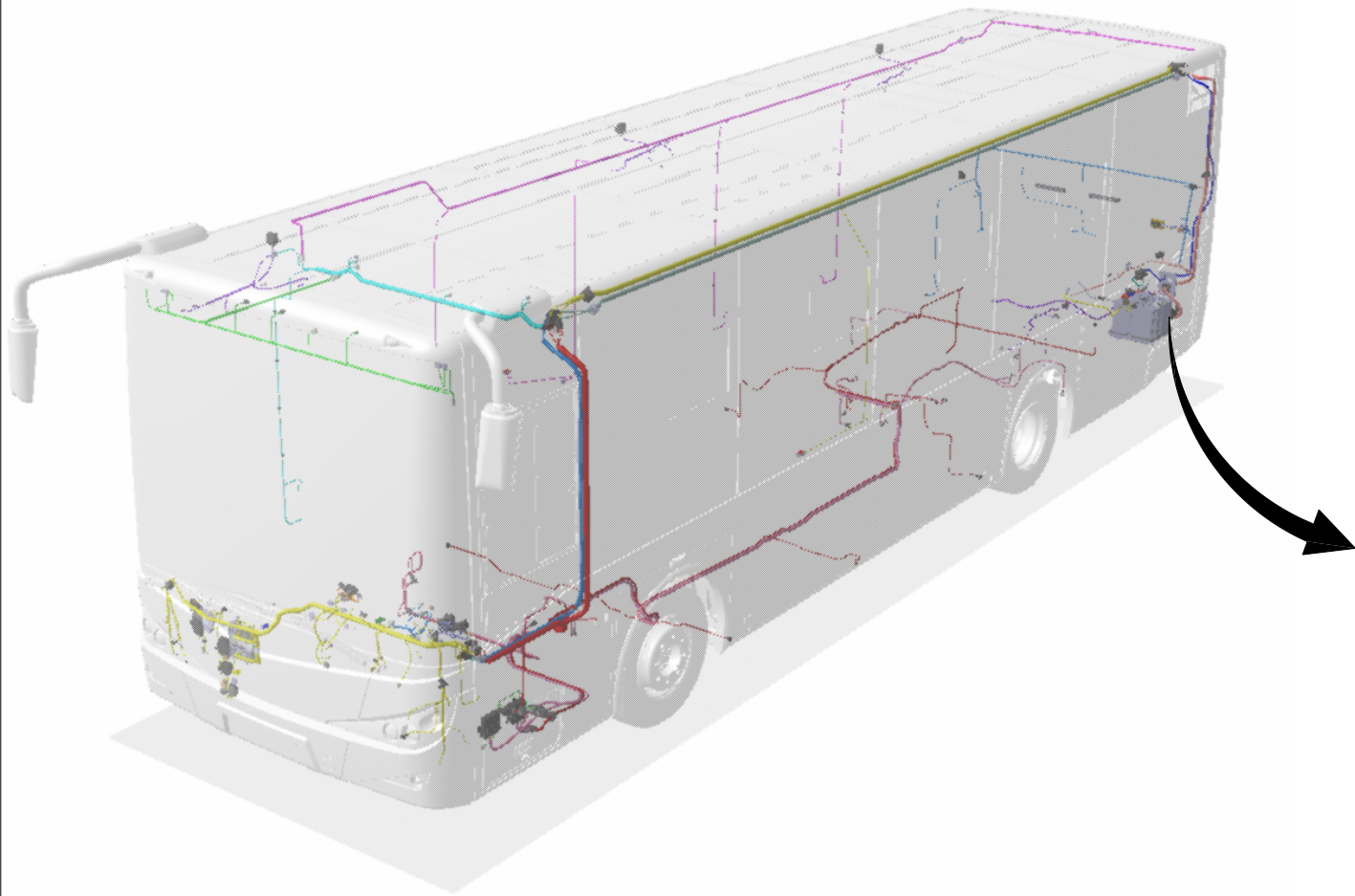




RETARDER WARNING RELAY	AIR COND. CONTROL RELAY	REAR FOG RELAY
BRAKE LAMP RELAY	HORN RELAY	FIRE WARNING RELAY
HIGH BEAM RELAY	LOW BEAM RELAY	EMERG. PARK RELAY
PARK RELAY	ENGINE BRAKE CANCEL RELAY	HALT BRAKE RELAY
INTERIOR LIGHTING RELAY	INTERIOR LIGHTING RELAY-2	INTERIOR LIGHTING DIODE
ANDI DOOR RELAY	BRAKE NEUTRAL DRIVING RELAY	DIODE 1
DAYLIGHT RUNNING LAMP RELAY	SPOT LAMP DIODE	

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

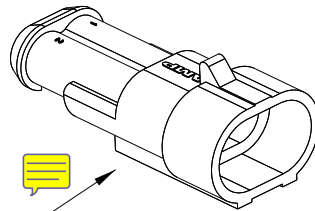
HEATER WINDOW RELAY	HEATER MIRROR RELAY
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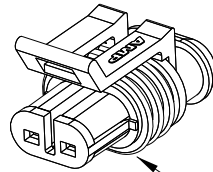
RELAY & FUSE LIST

F1	ECM FUSE	30 A
F2	DEF SUPPLY	10 A
F3	UREA LINE HEATER FUSE	15 A
F4	ALTERNATOR FUSE	30 A
F5	STARTER FUSE	40 A
F6	EGP FUSE	10 A
F7	FAN CONTROL	10A
F8	DEF TANK SUPPLY FUSE	10 A
F9	REVERSE GEAR LAMP FUSE	80A
F10	WEBASTO FUSE	15 A
F11	AIR DRYER	15 A
F12	WEBASTO FUSE	15 A

R1	STARTER RELAY
R2	UREA LINE HEATER RELAY
R3	
R4	STARTER BREAK RELAY
R5	REVERSE GEAR RELAY
R6	
R7	
R8	DEF DOSING MODUL R.
R9	WEBASTO RELAY



FEMALE CONNECTOR



MALE CONNECTOR

CABLE
CROSS SECTION & COLOUR

0.5 B/W
BA01

CONNECTOR CODE

SS1

CONNECTOR PIN NUMBER

2

CABLE CODE

FEMALE CONNECTOR SYMBOL

MALE CONNECTOR SYMBOL

CABLE CODE	COLOR CODE MEANING
B	BLACK
W	WHITE
R	RED
G	GREEN
Y	YELLOW
L	BLUE
O	ORANGE
BR	BROWN
V	VIOLET
LG	LIGHT GREEN
GY	GREY
P	PINK
SB	SKY BLUE
PU	PURPLE
DG	DARK GREEN

AC: ALTERNATOR CONNNECTOR
AC2: ALTERNATOR CONNNECTOR-2
ACC: AMPLIFIER CONNECTION CONNECTOR
ACO: AIR CONDITIONER CONNECTOR
ADC2: AMPLIFIER DIRECT 12V CONNECTOR
AFC: AIR FILTER CONNECTOR
AMC:ALTERNATOR MALE CONNECTOR
AMP: AMPLIFIER CONNECTOR
APC:AMPLIFIER POWER CONNECTOR
ARNAC: ARENS ACTUATOR
ARNPS: ARENS POSITION SENSOR
ASR: ASR VALVE CONNECTOR
BC: BODY CONNECTOR (H1,H2,H18,H40)
BC2: BODY CONNECTOR 2
BGC: BAGGAGE LOCK CONNECTOR
BLC: BRAKE LAMP CONNECTOR
BPC: BRAKE PEDAL CONNECTOR
BSC: BRAKE SENSOR CONNECTOR
CAC: CAN CONNECTION CONNECTOR
CC: CHASSIS CONNECTOR (62 PINS)
CH: CHASSIS CONNECTOR (16 PINS)
CH1: CHASSIS CONNECTOR - 1 (16 PINS)
CH2: CHASSIS CONNECTOR - 2 (16 PINS)
CHC: CHASSIS CONNECTION CONNECTOR
CMC1: FRONT CONTROL MODUL CONNECTOR
CMC2: MIDDLE CONTROL MODUL CONNECTOR
CMC3: REAR CONTROL MODUL CONNECTOR
COC: CONVERTER CONNECTOR
CPC: CLUTCH PEDAL CONNECTOR
CPT: CHASSIS POINT TERMINAL
DC: DIRECT (+) CONNECTOR
DC1: DIODE CONNECTOR 1
DC2: DIODE CONNECTOR 2
DCC: DIRECT ENERGY SUPPLY REAR CHASSIS CONNECTOR
DFC: DIRECT ENERGY SUPPLY FRONT CHASSIS CONNECTOR
DGC: DIAGNOSE CONNECTOR
DM1: DOOR MODUL CONNECTOR -1
DM2: DOOR MODUL CONNECTOR -2
DPDS: DPD VALVE SELENOID CONNECTOR
DRC: DIRECT ENERGY SUPPLY ROOF CONNECTOR
DRC: DOOR RESISTANCE CONNECTION CONNECTOR
DRC1: FRONT DOOR HARNESS CONNECTOR
DRC2: MIDDLE DOOR HARNESS CONNECTOR
DRC3: REAR DOOR HARNESS CONNECTOR
DRM: DIGITAL RECORD MODUL
DSB: DISABLED STOP BUTTON
DSC: DPD SWITCH CONNECTOR
DSL: DRIVER SPOT LAMP CONNECTOR
DSR: DIRECT SUPPLY ROOF CONNECTION
DST1: DIRECT SUPPLY TERMINAL 1
DST2: DIRECT SUPPLY TERMINAL 2
DST3: DIRECT SUPPLY TERMINAL 3
EBSC: EBS CAN CONNECTION CONNECTOR
EBV: EXHAUST BRAKE SELENOLID VALVE CONNECTOR

EC: ENGINE CONNECTOR
ECA: ECM CAN CONNECTOR
ECAC: ECAS CAN CONNECTION CONNECTOR
ECAS1: ECAS TUNNING SWITCH
ECAS2 : ECAS CONTROL SWITCH
ECAS3: ECAS CONNECTION CONNECTOR
ECC: PRE-HEATER CONTROL UNIT CONNECTOR
ECM: ECM CONNECTOR
ECMR: ECM RESISTANCE CONNECTOR
EDC: EBS DIAGNOSE CONNECTOR
EFP: PRE-HEATER FUEL PUMP CONNECTOR
EG1: EGP CONNECTION CONNECTOR-1
EG2: EGP CONNECTION CONNECTOR-2
EMC: ECAS MODUL CONNECTOR
EPD: EXHAUST PRESSURE DIFFERENCE CONNECTOR
ERL: ECAS REAR LEFT SENSOR
ERR: ECAS REAR RIGHT SENSOR
ES: EMERGENCY SWITCH CONNECTOR
ESC: EXTERNAL STOP BUTTON
ETL: EMERGENCY TAP OPEN WARNING LAMP CONNECTOR
EXB: EXHAUST BRAKE SWITCH
EXT1: EXHAUST TEMPERATURE SENSOR-1
EXT2: EXHAUST TEMPERATURE SENSOR-2
F10: CHARGE FUSE
F8: DIRECT FUSE
F9: IGNITION FUSE
FAM: FRONT AXLE MODULATOR
FC: FLASHER CONNECTOR
FDC: FRONT DOOR CLOSE SWITCH
FDO: FRONT DOOR OPEN WARNING SWITCH
FDS: FRONT DOOR SELENOID CONNECTOR
FDS: FRONT DOOR SWITCH CONNECTOR
FDT: FRONT DOOR TAP SWITCH
FEV1: FRONT ECAS VALVE 1
FEV2: FRONT ECAS VALVE 2
FFC: FUEL FILTER CONNECTOR
FFL: FRONT FOG LAMP SWITCH CONNECTOR
FFR: FRONT FOG RELAY
FGS: FUEL GAUGE SENDER UNIT CONNECTOR
FHC: FUEL HEATER CONNECTOR
FIC: FRONT IGNITION CONNECTOR
FLC1: FOG LAMP CONNECTOR FRONT RIGHT
FLC2: FOG LAMP CONNECTOR FRONT LEFT
FLC3: FOG LAMP CONNECTOR REAR RIGHT
FLC4: FOG LAMP CONNECTOR REAR LEFT
FLS: FRONT LEFT SIDE PARK LAMP
FMC: FAN MODUL CAN CONNECTOR
FRB: FUSE AND RELAY BOX
FRC: FRONT ROOF CONNECTOR
FRI: FRONT ROUTE INFO DISPLAY
FRS: FRONT RIGHT SIDE PARK LAMP
FSC: FLASHER SWITCH CONNECTOR

FSL: FRONT STEP LAMP CONNECTOR
FTF: FUEL TANK FLOAT CONNECTOR
FTP: FRONT TAP PRESSURE SWITCH CONNECTOR
GP: GAS PEDAL CONNECTOR
H1: FRONT HEATER CONNECTION CONNECTOR
H2: REAR HEATER CONNECTION CONNECTOR
HB1: HIGH BEAM RIGHT
HB2: HIGH BEAM LEFT
HBS: HAND BRAKE SWITCH CONNECTOR
HC: HORN CONNECTOR
HES: HEATER ENGINE SWITCH CONNECTOR
HPC: HEATER PUMP CONNECTOR
HSA: HEADLIGHT-SIGNAL ARM CONNECTOR
HSC: HEADLIGHT-SIGNAL ARM COMBINED SWITCH
HSC1: HEADLIGHT-SIGNAL ARM CONNECTION CONNECTOR 1
HTC1: RIGHT HEATER CONNECTOR
HTC2: LEFT HEATER CONNECTOR
IC: IGNITION (+) CONNECTOR
ICC: IGNITION ENERGY SUPPLY REAR CHASSIS CONNECTOR
IKC: IGNITION KEY CONNECTOR
ILC1: INTERIOR LIGHTING CONNECTOR RIGHT
ILC2: INTERIOR LIGHTING CONNECTOR LEFT
IRC: IGNITION ENERGY SUPPLY ROOF CONNECTOR
IRI: INTERIOR INFO ROUTE DISPLAY
IRL: INTERIOR ROOF LAMP SWITCH CONNECTOR
ISC: INFO SCREEN CONNECTION CONNECTOR
IST1: IGNITION SUPPLY TERMINAL 1
IST2: IGNITION SUPPLY TERMINAL 2
IST3: IGNITION SUPPLY TERMINAL 3
IT3: IGNITION TERMINAL 3
LB1: LOW BEAM CONNECTOR RIGHT
LB2: LOW BEAM CONNECTOR LEFT
LCDS: LCD SUPPLY CONNECTOR
LEC: WARNING LENS CONNECTOR
LFR: LEFT FRONT ROOF MARKER LAMP
LFS: LEFT FRONT SENSOR CONNECTOR
LPB: REAR LEFT PARK/BRAKE LAMP CONNECTOR
LRC: LEFT ROOF CONNECTOR
LRO: LEFT ROOF CONNECTION CONNECTOR
LRS: LEFT REAR SENSOR CONNECTOR
LS1: LINING SENSOR CONNECTOR FRONT RIGHT
LS2: LINING SENSOR CONNECTOR FRONT LEFT
LS3: LINING SENSOR CONNECTOR REAR RIGHT
LS4: LINING SENSOR CONNECTOR REAR LEFT
LSH: REAR LEFT SIGNAL HIGHER LAMP CONNECTOR
LSI: LEFT SIGNAL LAMP CONNECTION
LSL: LEFT SIDE SIGNAL LAMP CONNECTOR
MA1: MANOMETER LIGHTING CONNECTOR 1
MA2: MANOMETER LIGHTING CONNECTOR 2
MAF: MAF SENSOR CONNECTOR
MC1: MODULATOR CONNECTION FRONT RIGHT
MC2: MODULATOR CONNECTION FRONT LEFT

MC3: MODULATOR CONNECTOR REAR RIGHT
MC4: MODULATOR CONNECTOR REAR LEFT
MCC: MANOMETER CONNECTION CONNECTOR
MDC1: MIDDLE DOOR CLOSE SWITCH CONNECTOR-1
MDC2: MIDDLE DOOR CLOSE SWITCH CONNECTOR-2
MDO1: MIDDLE DOOR OPEN SWITCH CONNECTOR-1
MDO2: MIDDLE DOOR OPEN SWITCH CONNECTOR-2
MDP: MIDDLE DOOR PRESSURE SENSOR
MDS: MIDDLE DOOR SWITCH CONNECTOR
MDSC: MIDDLE DOOR SELENOID CONNECTOR
MDSP: MIDDLE DOOR SPOT CONNECTOR
MGP: MIDDLE GROUND POINT
MHC1: MIDDLE HEATER CONNECTOR-1
MHC2: MIDDLE HEATER CONNECTOR-2
MHS: MIRROR HEATER SWITCH CONNECTOR
MJ1: METER J1 CONNECTOR
MJ2: METER J2 CONNECTOR
MRS: MIRROR RESISTANCE SWITCH CONNECTOR
MRT1: MAIN RELAY TERMINAL-1
MRT2: MAIN RELAY TERMINAL-2
MRT3: MAIN RELAY TERMINAL-3
MT1: MIDDLE DOOR TAP SWITCH-1
MT2: MIDDLE DOOR TAP SWITCH-2
MVC: MOTORIZED VALVE CONNECTOR
NSC: NEUTRAL SWITCH CONNECTOR
PC: PARK CONNECTOR
PC1: PARK LAMP CONNECTION FRONT RIGHT
PC2: PARK LAMP CONNECTION FRONT LEFT
PHE: PRE-HEATER CONNECTOR
PL1: PLATE LAMP CONNECTOR 1
PL2: PLATE LAMP CONNECTOR 2
PLA1: REAR RIGHT PARK LAMP
PLA2: REAR LEFT PARK LAMP
PLC: PLATE LAMP CONNECTOR
PS: PRESSURE SENSOR
PS1: PRESSURE SENSOR-1
PS2: PRESSURE SENSOR-2
PS3: PRESSURE SENSOR-3
PSB: PARK SENSOR BUZZER CONNECTOR
PSB1: PRIORITY STOP BUTTON 1
PSB2: PRIORITY STOP BUTTON 2
PSS: PARK SENSOR SUPPLY CONNECTOR
RA: RADIO CONNECTOR A
RAC: RADIATOR SENSOR CONNECTOR
RAH: ROOF ASCENDING HARNESS CONNECTION
RAM: REAR AXLE MODULATOR
RB: RADIO CONNECTOR B
RC: RESISTOR CONNECTOR
RC1: ROOF CONNECTOR 1
RC2: ROOF CONNECTOR 2
RC3: ROOF CONNECTOR 3
RC4: ROOF CONNECTOR 4

RC5: ROOF CONNECTOR 5
RCN: REMOTE CONTROL CONNECTOR
RCO: RIGHT CHASSIS CONNECTION CONNECTOR
RCO2: RIGHT CHASSIS CONNECTION CONNECTOR 2
RCP: REAR GROUND POINT
RCP: RIGHT GROUND POINT
RCS: RETARDER CONTROL SWITCH
RDC1: REAR DOOR CLOSE SWITCH CONNECTOR-1
RDC2: REAR DOOR CLOSE SWITCH CONNECTOR-2
RDCC: ROUTE INFO DISPLAY CONTROL CONNECTOR
RDH: ROOF DESCENDING HARNESS CONNECTION
RDO1: REAR DOOR OPEN SWITCH CONNECTOR-1
RDO2: REAR DOOR OPEN SWITCH CONNECTOR-2
RDS: REAR DOOR SELENOID CONNECTOR
RDS: REAR DOOR SPOT CONNECTOR
RDS1: REAR DOOR SWITCH CONNECTOR
RFR: RIGHT FRONT ROOF MARKER LAMP
RFS: RIGHT FRONT SENSOR CONNECTOR
RGB: REVERSE GEAR BUZZER CONNECTOR
RGL: REVERSE GEAR LEFT LAMP CONNECTOR
RGR: REVERSE GEAR RIGHT LAMP CONNECTOR
RGS: REVERSE GEAR SWITCH CONNECTOR
RHL: RETARDER/HOSTESS WARNING LAMP
RLR: REAR LEFT ROOF MARKER LAMP CONNECTOR
RLS: READING LAMP SWITCH CONNECTOR
RLS: REAR LEFT SIGNAL LAMP CONNECTION
RMC: RETARDER MODUL CONNECTOR
ROS: REAR DOOR OPEN WARNING SWITCH
RP: FRONT-REAR DOOR PRESSURE SWITCH
RPB: REAR RIGHT PARK/BRAKE LAMP CONNECTOR
RRC: RIGHT ROOF CONNECTOR
RRC2: RIGHT ROOF CONNECTOR 2
RRI: REAR ROUTE INFO DISPLAY
RRO: RIGHT ROOF CONNECTION CONNECTOR
RRR: REAR RIGHT ROOF MARKER LAMP CONNECTOR
RRS: RIGHT REAR SENSOR CONNECTOR
RSH: REAR RIGHT SIGNAL HIGHER LAMP CONNECTOR
RSI: RIGHT SIGNAL LAMP CONNECTION
RSL: REAR RIGHT SIGNAL LAMP CONNECTION
RSL: REAR STEP LAMP CONNECTOR
RSS: RIGHT SIDE SIGNAL LAMP CONNECTOR
RT1: REAR DOOR TAP SWITCH-1
RT2: REAR DOOR TAP SWITCH-2
RTP: REAR TAP PRESSURE SWITCH CONNECTOR
SC: SWITCH CONNECTOR
SC1: RIGHT STOP CONNECTOR
SC1: RIGHT SWITCH HARNESS CONNECTOR 1
SC2: LEFT STOP CONNECTOR
SC2: RIGHT SWITCH HARNESS CONNECTOR 2
SC3: LEFT SWITCH HARNESS CONNECTOR 1
SC4: LEFT SWITCH HARNESS CONNECTOR 2
SCT: STARTER CONNECTOR

SHC: SWITCH HARNESS CONNECTOR

SHC2: SWITCH HARNESS CONNECTOR 2

SMC: STOP MODUL CONNECTOR

SML1: SIDE MARKER LAMP CONNECTOR FRONT RIGHT

SML2: SIDE MARKER LAMP CONNECTOR REAR RIGHT

SML3: MARKER LAMP CONNECTOR REAR RIGHT

SML4: SIDE MARKER LAMP CONNECTOR FRONT LEFT

SML5: SIDE MARKER LAMP CONNECTOR REAR LEFT

SML6: MARKER LAMP CONNECTOR REAR LEFT

SRI: SIDE ROUTE INFO DISPLAY

SRIS: SIDE ROUTE INFO SUPPLY CONNECTOR

SSC: SPEED SENSOR CONNECTOR

TC: TACHOGRAPH CONNECTOR

TCM: ALLISON TRANSMISSION CONTROL MODUL

THC (TC): TAIL CONNECTOR

TRC: TRANSMISSION CONNECTOR

TSC: TACHOGRAPH SIGNAL CONNECTOR

US1: UREA LINE HEATER CONNECTOR-1

US2: UREA LINE HEATER CONNECTOR-2

US3: UREA LINE HEATER CONNECTOR-3

USC: UREA LEVEL TEMPERATURE SENSOR CONNECTOR

UTC: UREA TANK SUPPLY CONNECTOR

WAC: WIPER ARM CONNECTION

WHS: WINDOW HEATER SWITCH CONNECTOR

WMC: WIPER MOTOR CONNECTOR

WRC: WINDOW RESISTANCE CONNECTION CONNECTOR

WRS: WINDOW RESISTANCE SWITCH CONNECTION CONNECTOR

WTS: WIPER TIMER RELAY CONNECTION

ZZ01,ZZ02: FRONT GROUND CONNECTION

SYMBOL	EXPLANATION	SYMBOL	EXPLANATION
	FUSE		CABLE SPLICE POINT
	DELAYED FUSE		BATTERY
	SWITCH (Normally Open)		DIODE
	SWITCH		ELECTRONIC PART
	SWITCH (Normally Close)		RESISTANCE
	CIRCUIT BRAKER		SPEAKER
	LAMP		SOUND WARNING
	DOUBLE FILAMENT LAMP		CONNECTOR
	MOTOR		LED
	RHEOSTAT		CAPACITOR
	INDUCTOR,SELENOID, MAGNETİC VALVE		HORN
	STARTER MOTOR		SELENOID
	RELAY		MAIN RELAY



CITIBUS A/T E6 FRONT FUSE SYSTEM

