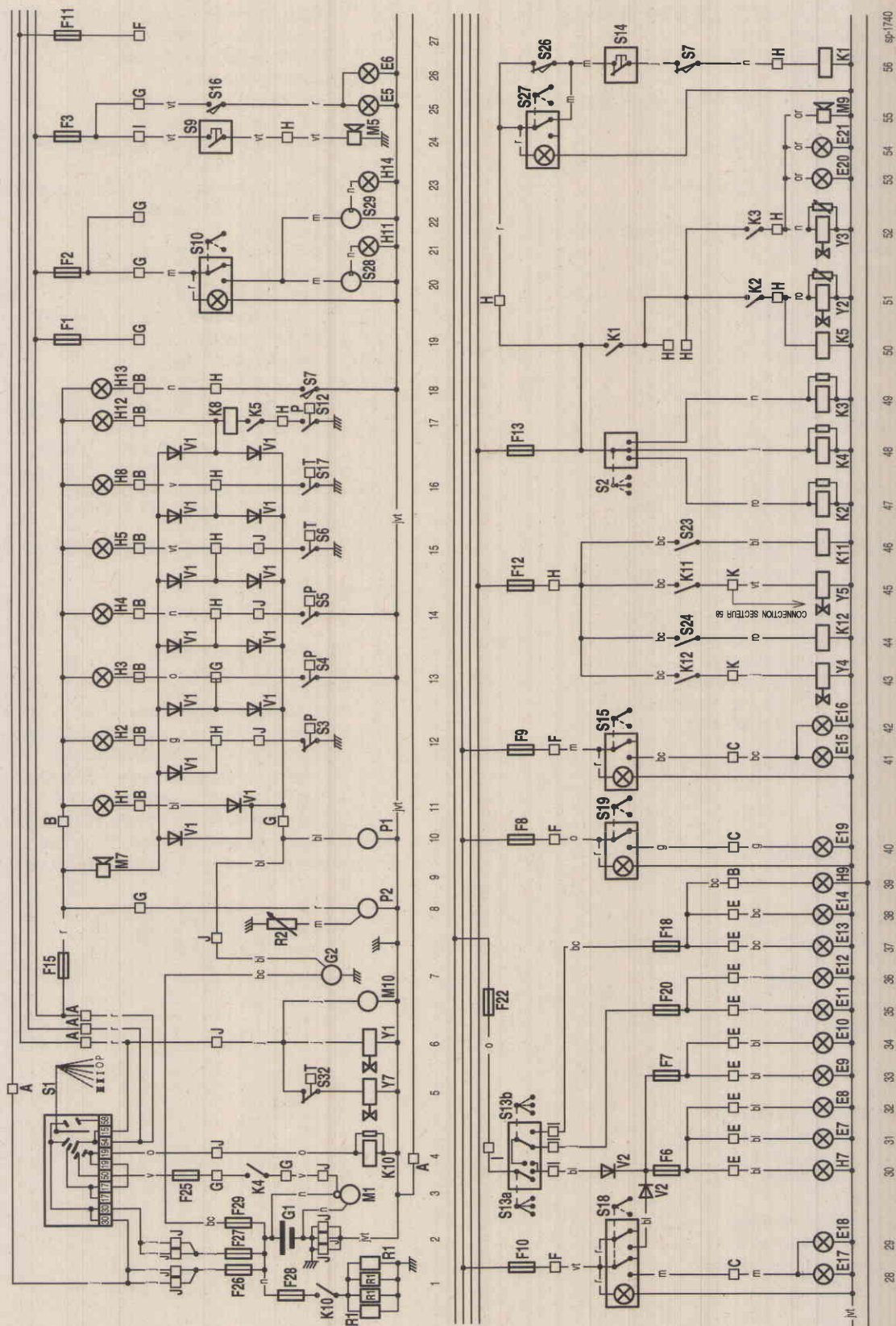
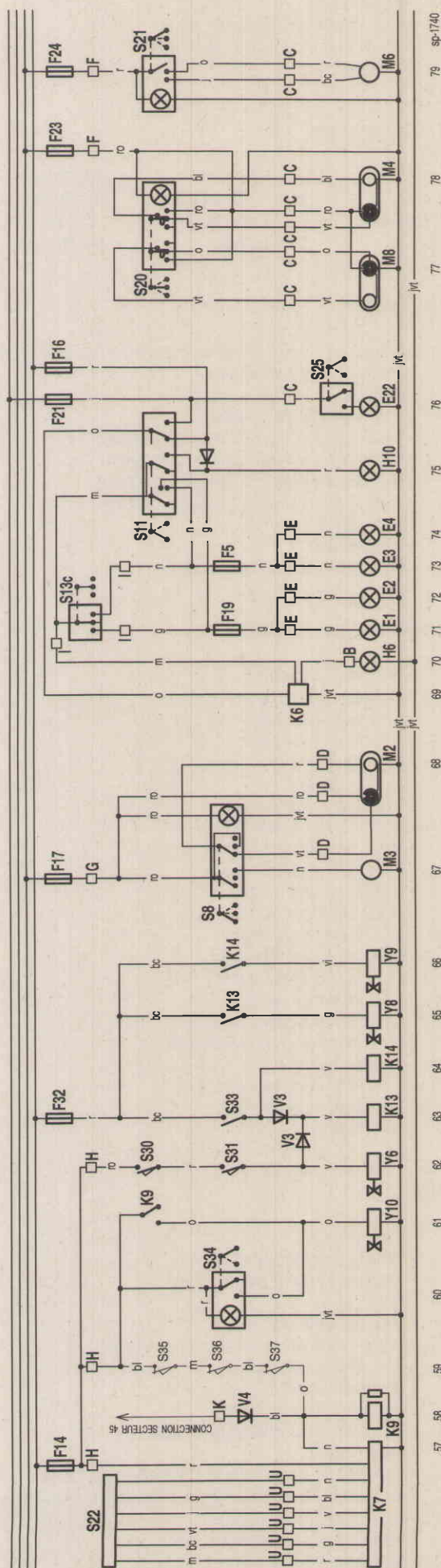






LEGEND

MT 1740 SL T.

F17 - Front windscreen wiper / Front windscreen washer (10A)
F18 - Main beam (15A)
F19 - R.H. indicators (7,5A)
F20 - Low beam (15A)
F21 - Warning unit / Roof light (15A)
F22 - Light switch (25A)
F23 - Rear windscreen wiper / Roof windscreen wiper (7,5A)
F24 - Ventilation (15A)
F25 - Starter (20A)
F26 - Fuse (starter) (40A)
F27 - Fuse (starter) (40A)
F28 - Preheating (80A)
F29 - Alternator (80A)
F32 - Lifting safety (10A)

G1 - Battery 12V 105Ah
G2 - Alternator 75A

H1 - Load indicator light
H2 - Engine oil pressure indicator light
H3 - Brake fluid
H4 - Air filter clogging indicator light
H5 - Engine water temperature indicator light
H6 - Flashing light
H7 - Hourmeter module lighting / gauge
H8 - Transmission oil temperature
H9 - Main beam indicator light
H10 - Warning unit indicator light
H11 - Front wheels alignment indicator light
H12 - Transmission oil pressure
H13 - Brake indicator light
H14 - Rear wheels alignment indicator light

K0 - Free
K1 - Transmission cut-off relay
K2 - Forward relay
K3 - Reverse relay
K4 - Starting safety relay
K5 - Forwards movement pressure relay
K6 - Flasher unit / warning unit
K7 - Load safety module
K8 - Electronic delay unit 3,5 s $\pm$ 0,5
K9 - Movements cut-off relay
K10 - Preheating relay
K11 - Telescope proximity switch relay
K12 - Angular sensor relay (arm / level)
K13 - Angular sensor relay (arm / lifting)
K14 - Lifting speed reduction relay

M1 - Starter
M2 - Front windscreen wiper
M3 - Front windscreen washer
M4 - Roof windscreen wiper
M5 - Sound alarm
M6 - Ventilator
M7 - Machine fault warning
M8 - Rear windscreen wiper
M9 - Reverse gear sound alarm
M10 - Fuel pump

P1 - Hourmeter
P2 - Fuel level

R1 - Preheating resistor
R2 - Fuel sensor

S1 - Key switch
S2 - Forward / reverse selector
S3 - Engine oil pressure switch
S4 - Brake fluid

S5 - Air filter clogging
S6 - Engine water temperature
S7 - Brake switch
S8 - Windscreen wiper switch/Front windscreen washer
S9 - Sound alarm control
S10 - Wheels alignment switch
S11 - Warning unit switch
S12 - Transmission oil pressure
S13a - Light switch (Pilot light)
S13b - Low beam / main beam lighting switch
S13c - Light switch (Blinker)
S14 - Transmission cut-off switch
S15 - Rear work light switch
S16 - Stop switch
S17 - Transmission oil temperature
S18 - Front work headlight switch
S19 - Revolving light switch
S20 - Rear windscreen wiper / roof switch
S21 - Ventilator switch
S22 - Overload strain gauge
S23 - Retracted telescope switch
S24 - Jib angular position switch / levelling
S25 - Roof light switch
S26 - Transmission cut-off switch / pedal
S27 - Pedal transmission cut-off neutraliser switch
S28 - Front wheels alignment switch
S29 - Rear wheels alignment switch
S30 - R.H. Stabilizer switch
S31 - L.H. Stabilizer switch
S32 - Cold start-up switch
S33 - Arm lifting angular position sensor
S34 - Movement cut-off suppression switch
S35 - Switch on extended telescope 1/2 (Option)
S36 - Switch on extended telescope 3 (Option)
S37 - Arm lowering switch (Option)

V1 - Fault test diode
V2 - Diode (TUV version)
V3 - Lifting safety diode
V4 - Telescope retracted diode

Y1 - Engine stop electrovalve
Y2 - Forward electrovalve
Y3 - Reverse electrovalve
Y4 - Safety electrovalve (Levelling system)
Y5 - Safety electrovalve (Stabilizer)
Y6 - Telescope 3 electrovalve
Y7 - Cold start-up electrovalve
Y8 - Lifting safety electrovalve
Y9 - Lifting speed reduction electrovalve
Y10 - Movements cut-off electrovalve

LEGEND

MT 1740 SL T.

PRINCIPLE ELECTRIC CIRCUIT

- 1 - Preheating
- 2 - Battery
- 3 - Starter
- 4 - Preheating relay
- 5 - Cold start-up
- 6 - Engine stop electrovalve
- 7 - Alternator
- 8 - Fuel level
- 9 - Machine fault warning
- 10 - Hourmeter
- 11 - Load indicator
- 12 - Engine oil pressure
- 13 - Brake fluid
- 14 - Air filter clogging
- 15 - Engine water temperature
- 16 - Transmission oil temperature
- 17 - Transmission oil pressure
- 18 - Hand brake
- 19 - Free
- 20 - Front wheels alignment detector
- 21 - Front wheel alignment indicator light
- 22 - Rear wheels alignment detector
- 23 - Rear wheel alignment indicator light
- 24 - Sound alarm
- 25 - L.H. stoplight
- 26 - R.H. stoplight
- 27 - Free
- 28 - L.H. front working headlight
- 29 - R.H. front working headlight
- 30 - Control panel lighting
- 31 - Rear right position light
- 32 - Front right position light
- 33 - Rear left position light
- 34 - Front left position light
- 35 - L.H. front low beam
- 36 - R.H. front low beam
- 37 - L.H. front main beam
- 38 - R.H. front main beam
- 39 - Main beam indicator light
- 40 - Revolving light
- 41 - R.H. working tail light
- 42 - L.H. working tail light
- 43 - Movement safety (Levelling system)
- 44 - Levelling system safety
- 45 - Stabilizer movement safety
- 46 - Retracted telescope safety
- 47 - Forward relay
- 48 - Starting safety
- 49 - Reverse relay
- 50 - Forward oil pressure
- 51 - Forward electrovalve
- 52 - Reverse electrovalve
- 53 - L.H. rear reverse light
- 54 - R.H. rear reverse light
- 55 - Reverse gear sound alarm
- 56 - Transmission cut-off
- 57 - Safety system
- 58 - Hydraulics movements cut-off (Option)
- 59 - Reset switch on directional control valve
- 60 - Movement cut-off suppression switch
- 61 - Movements cut-off electrovalve
- 62 - Telescope 3 electrovalve
- 63 - Arm lifting angular sensor
- 64 - Angular speed safety
- 65 - Arm angular safety electrovalve
- 66 - Arm angular speed reduction electrovalve
- 67 - Front windscreen washer
- 68 - Front windscreen wiper
- 69 - Flasher unit / warning unit
- 70 - Flashing light / warning unit indicator light
- 71 - R.H. rear indicator
- 72 - R.H. front indicator
- 73 - L.H. rear indicator

- 74 - L.H. front indicator
- 75 - Warning unit / indicator light switch
- 76 - Roof light
- 77 - Rear cabin windscreen wiper
- 78 - Roof cabin windscreen wiper
- 79 - Ventilation

COLOUR CODING

bc : White	bl : Blue	g : Grey
j : Yellow	jvt : Yellow/Green	m : Brown
n : Black	o : Orange	r : Red
ro : Pink	vt : Green	v : Purple

CONNECTOR

- A - Fuse box / relay (4 pin connection + 1 pin connection)
- B - Indicator light module
- C - Cab
- D - Front windscreen wiper
- E - Fuse box / relay (13 pin connection)
- F - Fuse box / relay (7 pin connection)
- G - Fuse box / relay (11 pin connection)
- H - Fuse box / relay (21 pin connection)
- I - Light switch
- J - Engine box
- K - Main harness (4-way unit)

ELECTRICS COMPONENTS

- E1 - R.H. rear indicator
- E2 - R.H. front indicator
- E3 - L.H. rear indicator
- E4 - L.H. front indicator
- E5 - L.H. stoplight
- E6 - R.H. stoplight
- E7 - Rear right position light
- E8 - Front right position light
- E9 - Rear left position light
- E10 - Front left position light
- E11 - L.H. front low beam
- E12 - R.H. front low beam
- E13 - L.H. front main beam
- E14 - R.H. front main beam
- E15 - R.H. working tail light
- E16 - L.H. working tail light
- E17 - L.H. front working headlight
- E18 - R.H. front working headlight
- E19 - Revolving light
- E20 - L.H. rear reverse light
- E21 - R.H. rear reverse light
- E22 - Roof light

FUSES

- F1 - Free (15A)
- F2 - Wheels alignment (5A)
- F3 - Stoplight sound alarm (10A)
- F4 - Free (10A)
- F5 - L.H. indicators (7,5A)
- F6 - Right sidelight / control panel (7,5A)
- F7 - L.H. sidelights (7,5A)
- F8 - Revolving light (7,5A)
- F9 - Working tail light (10A)
- F10 - Front working headlight (10A)
- F11 - Free (7,5A)
- F12 - Levelling system safety / Stabilizers (7,5A)
- F13 - Forward / Reverse / Neutral transmission (15A)
- F14 - Overload safety (10A)
- F15 - Fault sound alarm light (5A)
- F16 - Indicator (10A)