

SYMBOLS / WIRE COLOURS / ABBREVIATIONS

DMJ0902TA

Wire Colour

Symbol	Colour
B	Black
W	White
N	Brown
K	Pink
G	Green
O	Orange
R	Red
Y	Yellow
U	Blue
LG	Light green
P	Purple
S	Slate
T	Turquoise

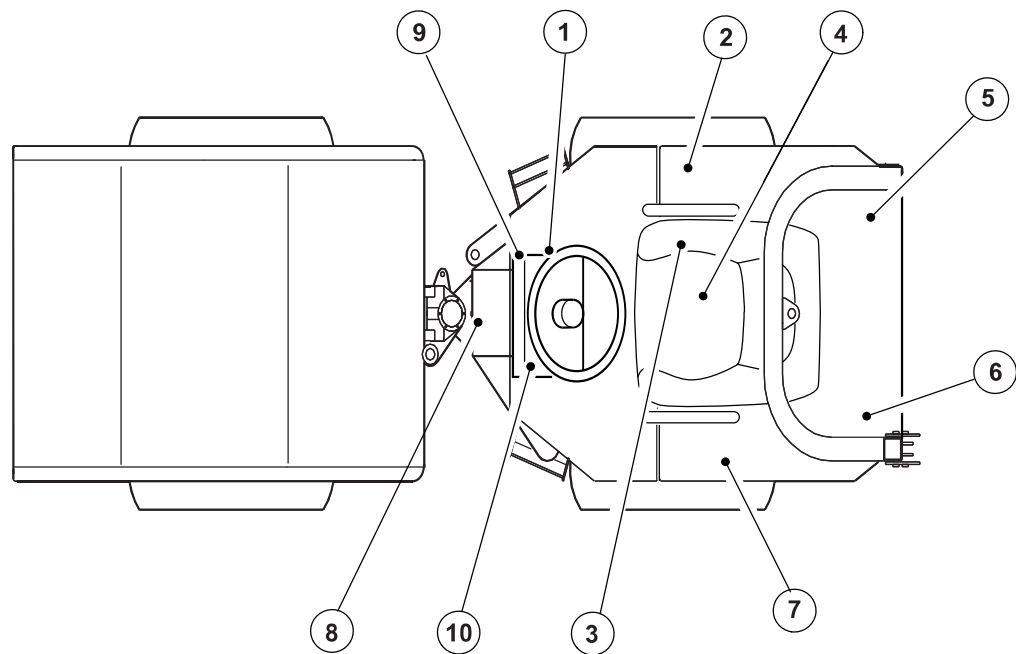
**Caution:**

- **Make sure that the ignition key is “off” when disconnection and reconnecting connectors.**

Note:

- BW indicates that the wire is black, striped by white.

HD Series
HD Series — Component locations

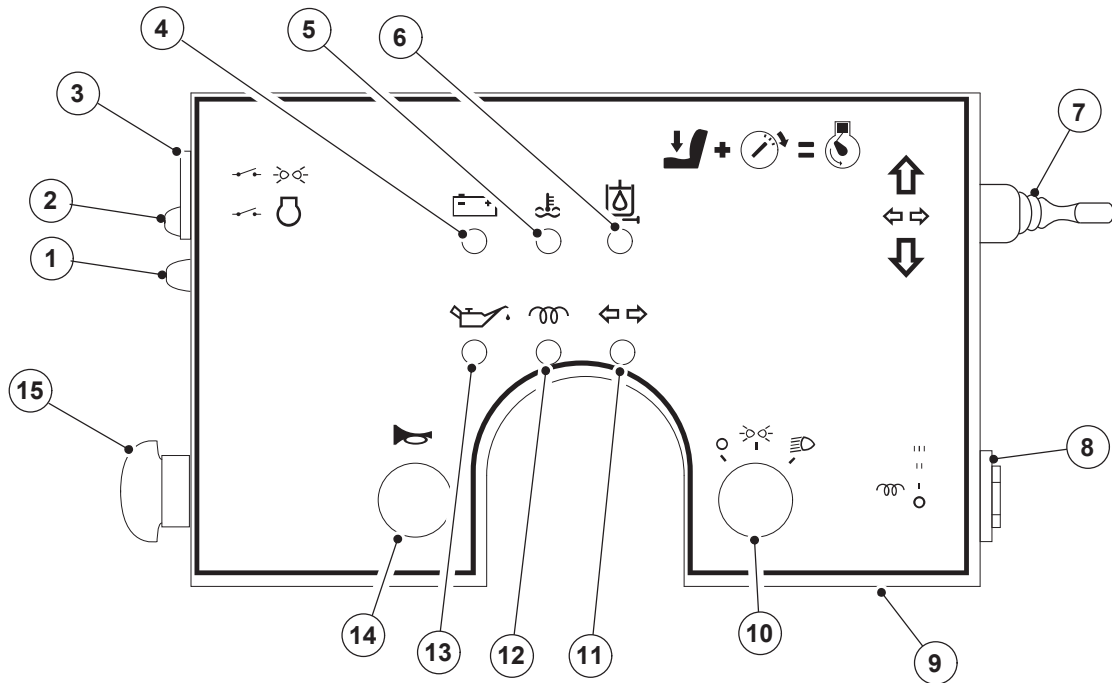


TV073215

1	Engine start switch
2	Hand control lever
3	Starter motor
4	Start inhibitor switch
5	Alternator
6	Reverse horn
7	Battery
8	Hydraulic solenoids
9	Circuit breaker
10	Dashboard

HD Series

HD Series — Dashboard



TV073218

1	20 Amp Circuit breaker
2	30 Amp Circuit breaker
3	Audible warning
4	Battery charge warning light
5	Engine coolant temperature
6	Blocked charge pump hydraulic filter warning light
7	Direction indicator switch
8	Engine start switch
9	Hour-meter
10	RTA lighting switch / Site lighting switch (if fitted)
11	Direction indicator warning light
12	Engine cold start warning light
13	Engine oil pressure warning light
14	Horn switch
15	Emergency stop switch

WIRING DIAGRAM — HD850 — HD1000 — HD1200

DMJ0902TE

Page	Title
36	Power Supply
38	Engine
40	Engine
42	Engine
44	Engine
46	Warning Lights
48	Warning Lights
50	Illumination
52	Direction Indication

Power Supply**Components**

1	Battery
2	Starter motor
3	Circuit breaker
4	Ignition switch
5	Anit-start module
7	Run/stop solenoid
8	Engine cold start warning light timer
9	Circuit breaker
10	Circuit breaker (if fitted)
11	Warning lights
13	Alternator
14	Anit-start module

Relays

1	R2
2	R1



Engine

Components

- | | |
|----|---------------------------------|
| 1 | Battery |
| 2 | Starter motor |
| 3 | Anti-start module |
| 5 | Anti-start module |
| 6 | Run/stop solenoid |
| 7 | Ignition switch |
| 8 | Hour-meter |
| 9 | Warning lights |
| 10 | Engine cold start warning timer |
| 11 | Glow plugs |

Relay

- | | |
|---|----|
| 4 | R2 |
|---|----|



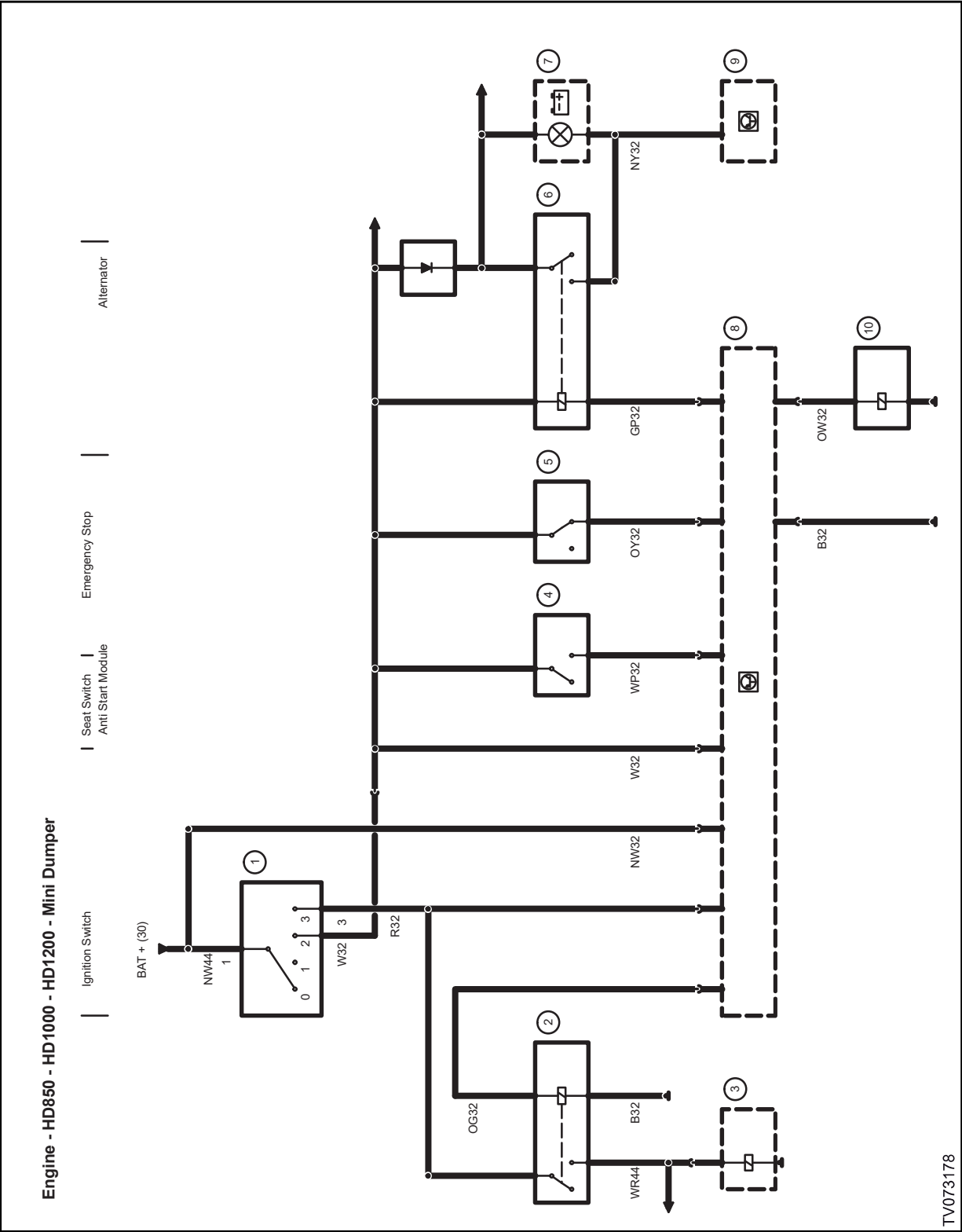
Engine

Components

- | | |
|----|----------------------------|
| 1 | Ignition switch |
| 3 | Starter motor |
| 4 | Seat switch |
| 5 | Emergency stop |
| 7 | Warning lights |
| 8 | Anti-start module |
| 9 | Alternator |
| 10 | Transmission dump solenoid |

Relays

- | | |
|---|----|
| 2 | R2 |
| 6 | R1 |



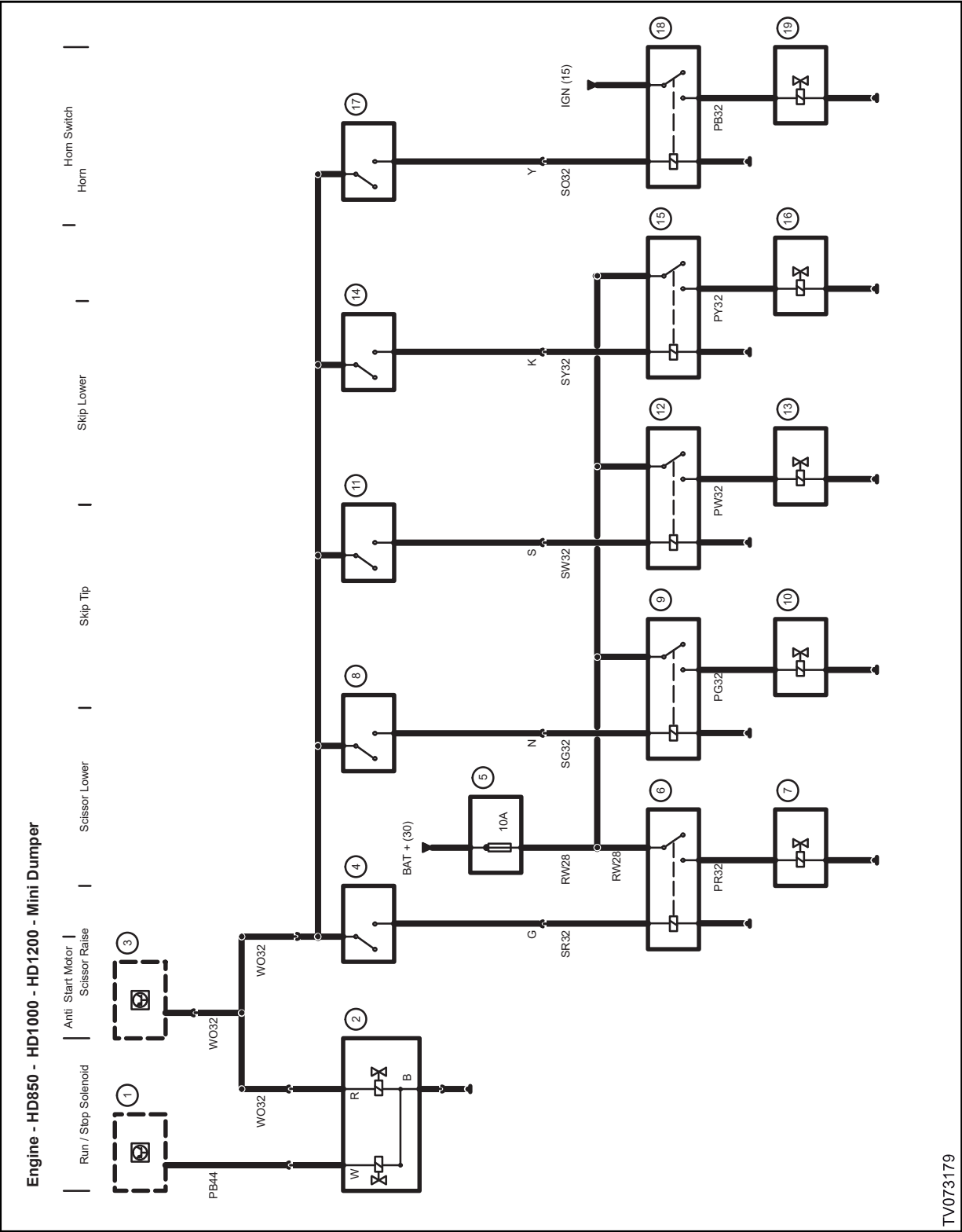
Engine

Components

1	Starter motor
2	Run/stop solenoid
3	Anti-start module
4	Scissor raise
5	Circuit breaker
7	Scissor raise solenoid
8	Scissor lower
10	Scissor lower solenoid
11	Skip tip
13	Skip tip solenoid
14	Skip lower
16	Skip lower solenoid
17	Horn switch
19	Horn

Relays

6	R3
9	R4
12	R5
15	R6
18	R7



TV073179

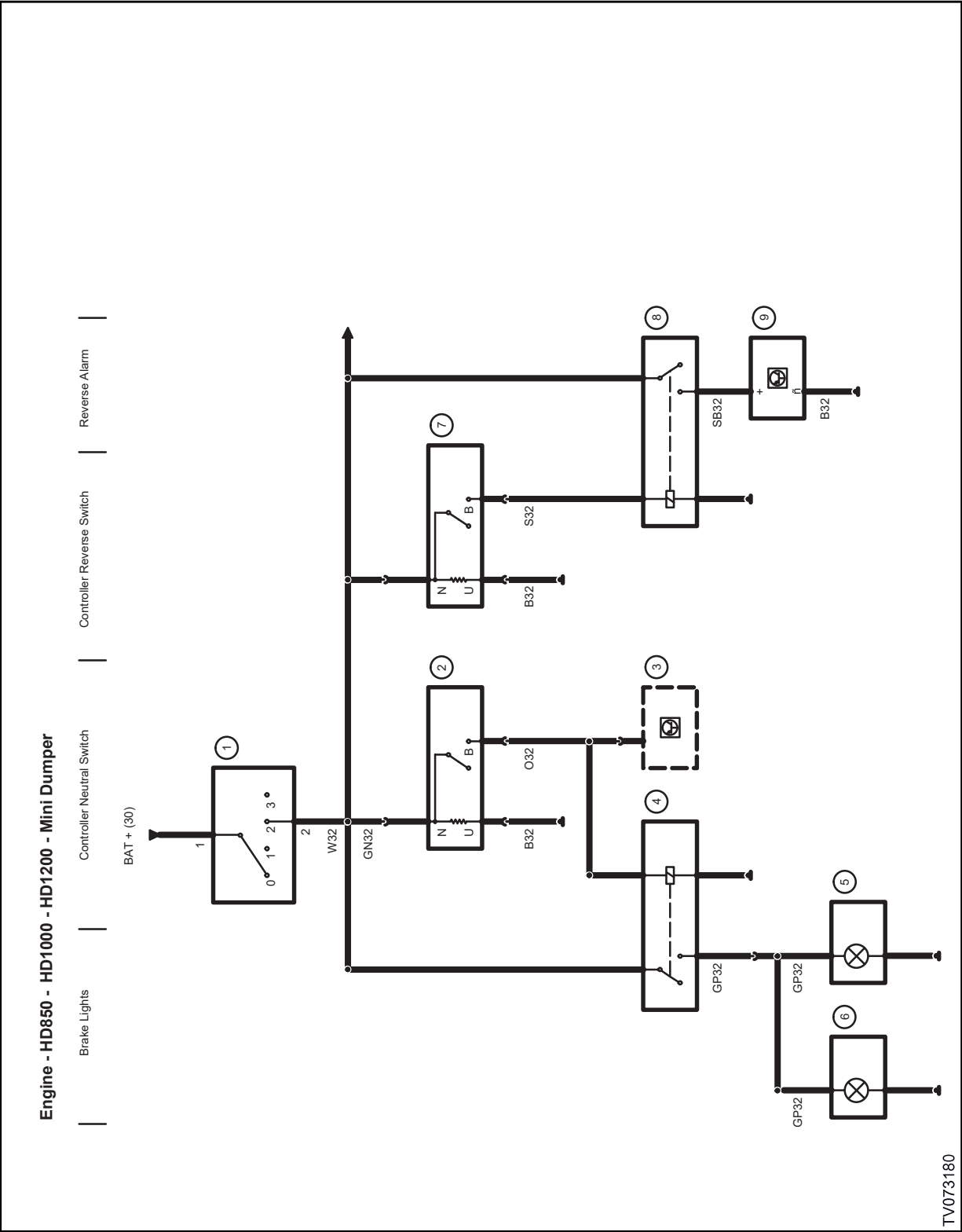
Engine

Components

- | | |
|---|---------------------------|
| 1 | Ignition switch |
| 2 | Controller neutral switch |
| 3 | Anti-start module |
| 5 | Right-hand brake light |
| 6 | Left-hand brake light |
| 7 | Controller reverse switch |
| 9 | Reverse alarm |

Relays

- | | |
|---|-----|
| 4 | R10 |
| 8 | R8 |



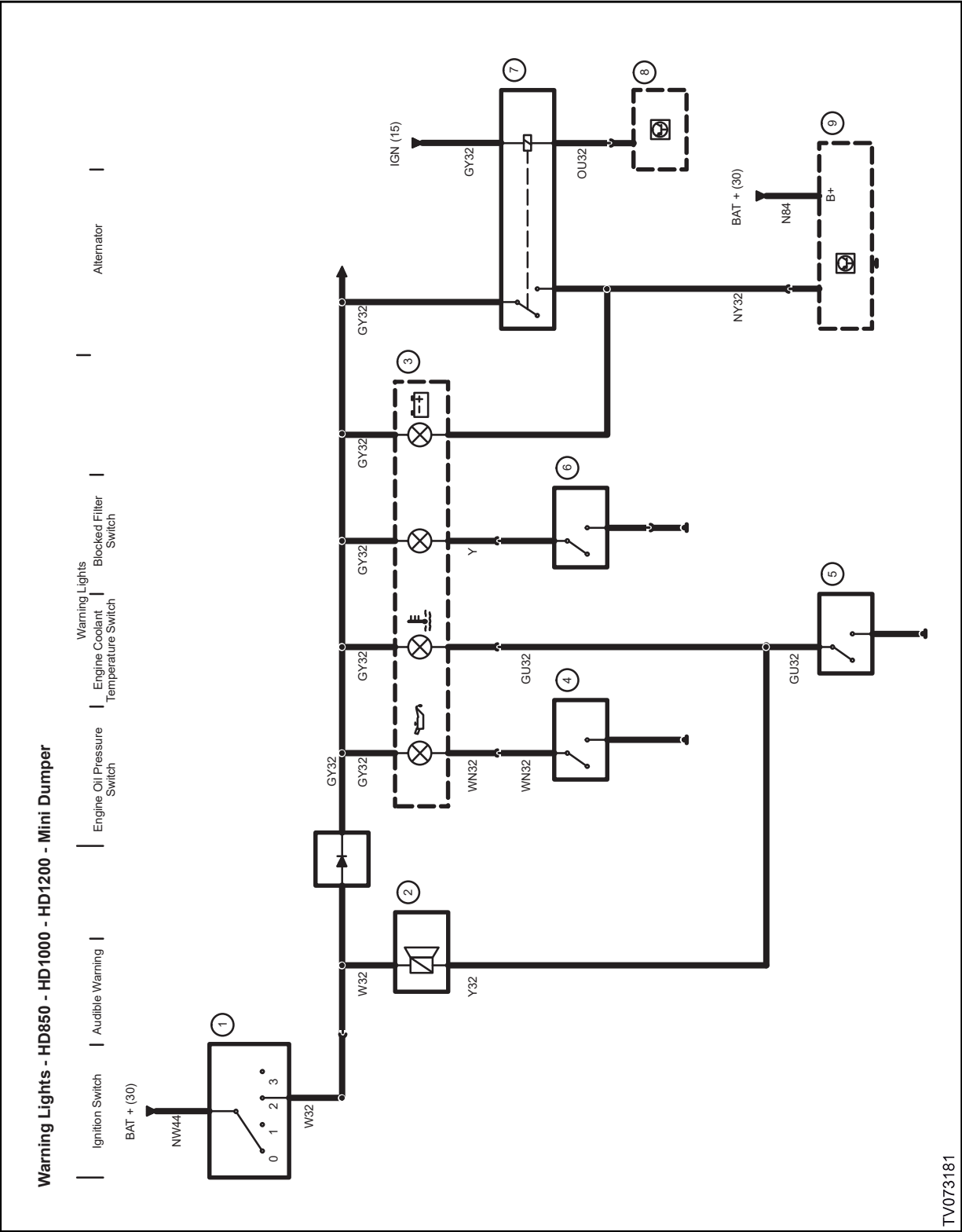
Warning lights

Components

- | | |
|---|---|
| 1 | Ignition switch |
| 2 | Audible warning — high engine coolant temperature |
| 3 | Warning lights |
| 4 | Engine oil pressure switch |
| 5 | Engine coolant temperature switch |
| 6 | Blocked filter switch (if fitted) |
| 8 | Anti-start module |
| 9 | Alternator |

Relay

- | | |
|---|----|
| 7 | R1 |
|---|----|



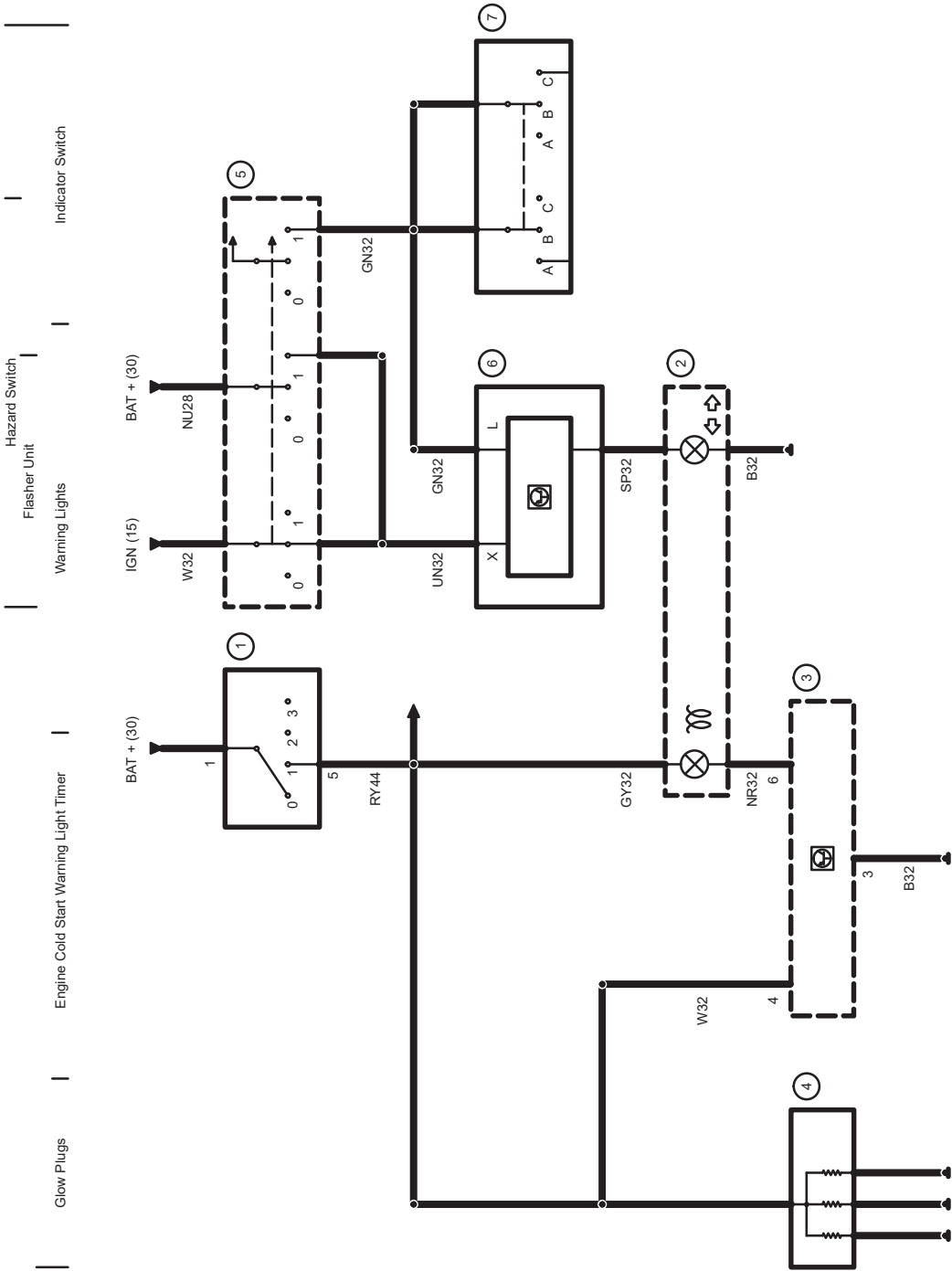
TV073181

Warning lights

Components

- 1 Ignition switch
- 2 Warning lights
- 3 Engine cold start warning light timer
- 4 Glow plugs
- 5 Circuit breaker
 - A Left
 - B Off
 - C Right
- 6 Hazard switch
- 7 Flasher unit

Warning Lights - HD850 - HD1000 - HD1200 - Mini Dumper



TV073182

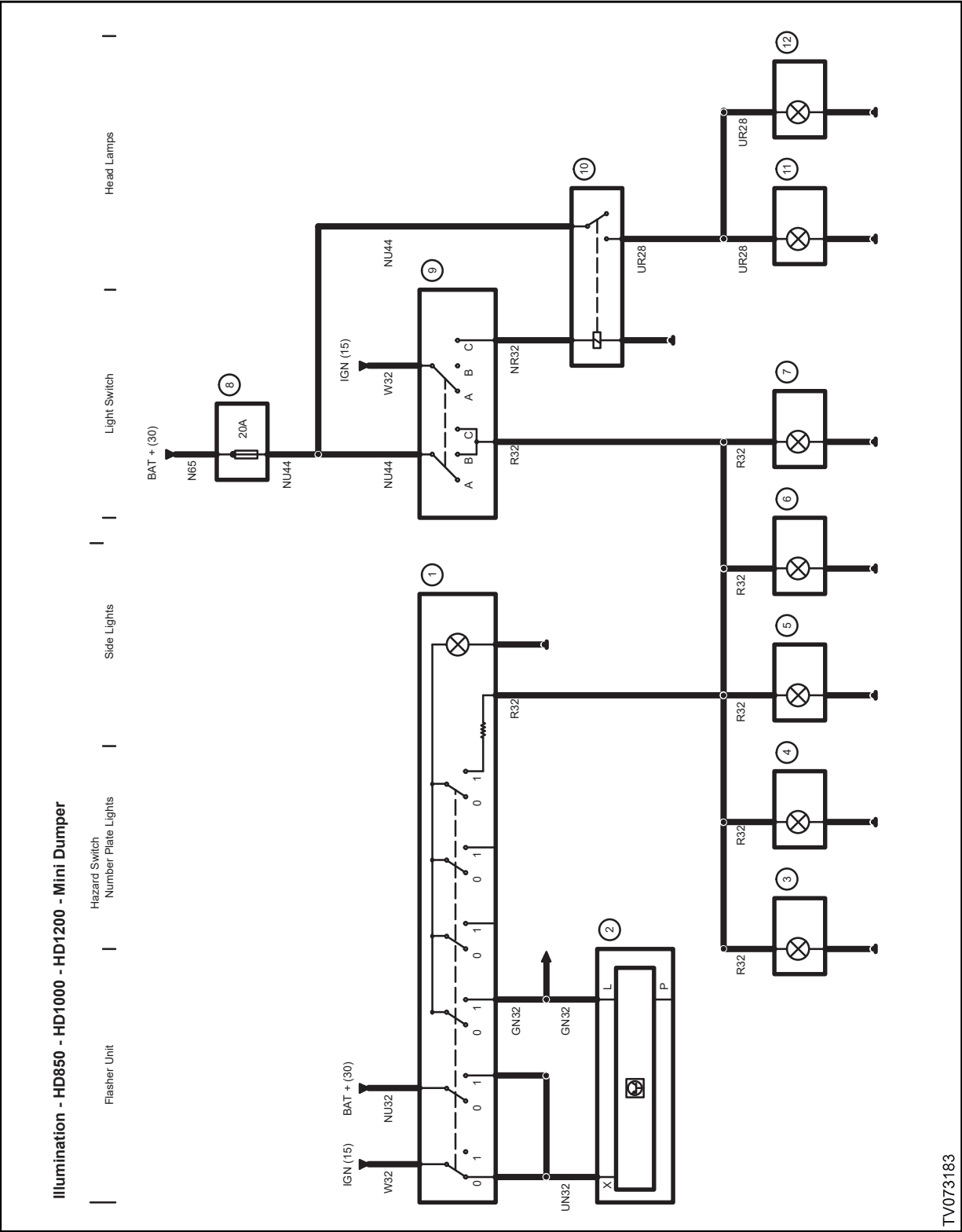
Illumination

Components

- | | |
|----|-----------------------------|
| 1 | Hazard switch |
| 2 | Flasher unit |
| 3 | Registration plate light |
| 4 | Left-hand rear side light |
| 5 | Right-hand rear side light |
| 6 | Left-hand rear side light |
| 7 | Left-hand front side light |
| 8 | Right-hand front side light |
| 9 | Light switch |
| | A Off |
| | B Side lights |
| | C Head lights |
| 11 | Left-hand head light |
| 12 | Right-hand head light |

Relay

- | | |
|----|----|
| 10 | R9 |
|----|----|

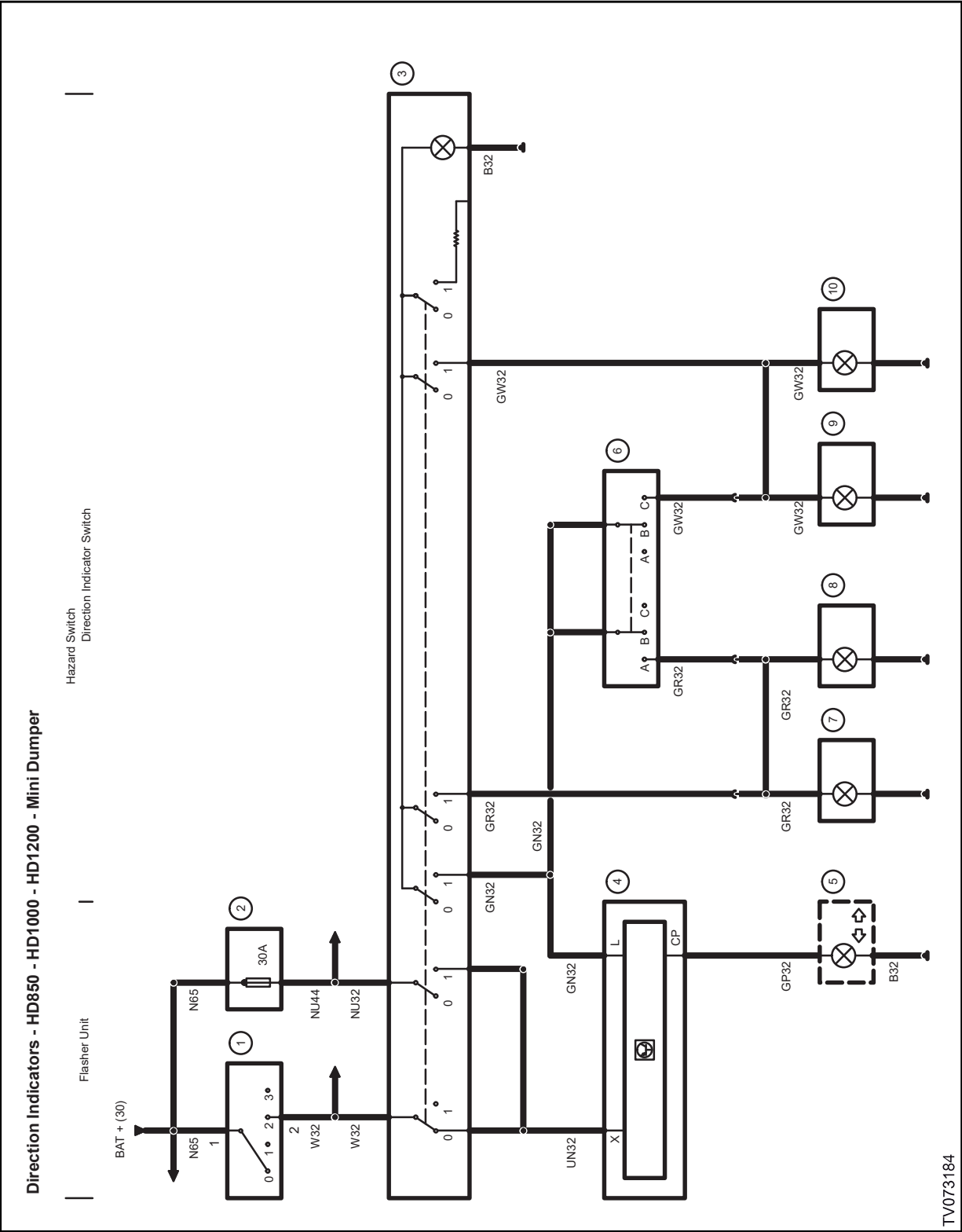


TV073183

Direction Indication

Components

- | | |
|----|-----------------------------------|
| 1 | Ignition switch |
| 2 | Circuit breaker |
| 3 | Hazard switch |
| 4 | Flasher unit |
| 5 | Warning lights |
| 6 | Direction indication switch |
| | A Left |
| | B Off |
| | C Right |
| 11 | Left-hand rear indication lights |
| 12 | Left-hand front indication lights |
| 11 | Right-hand rear indication light |
| 12 | Right-hand front indication light |



TV073184