Westwood

WIRING LOOM DIAGRAMS

Westwood Tractors

Admail 3376,
Plymouth,
Devon
PL7 5ZY

Tel: +44 (0) 800 0720127
Fax: +44 (0) 800 0720132

sales@westwoodtractors.com
www.westwoodtractors.com

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WIRING DIAGRAMS INDEX

LOOM TITLE	DESCRIPTION / SUMMARY
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Loom 9028	Tractors T1300 Models
Loom 8073	Wiring Diagram 1012 & S1300 Models
Loom 8055	Relay Harness
Loom 8063	10/12/14&18HP Briggs & Stratton Engines
Loom 8073	Briggs & Statton S1200 & 1012
Loom 7723(1)	Tractor 12HP
Loom 7723(2)	Tractor 12HP
Loom 7998(1)	Tractor 12HP
Loom 7998(2)	Tractor 12HP
Loom 6785	Tractor 14 & 18HP
Loom 7630	Tractor 14 & 18HP
Loom ADP14x18HP	Loom Adaptor 14HP x 18HP
Loom ADP15HP	Loom Adaptor 15HP
Loom 6784(1,2 & 3)	Kohler 12.5 & 18HP Engines - Wiring Colour Codes
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Loom Tec, B&S	Tecumseh & all B&S
Loom T1400	Loom T1400
Loom Regerrini Diesel	Loom for Regerrini (Diesel) Engines
Loom Lombardini Diesel	Loom for Lombardini (Diesel) Engines
Loom Clipper (1 & 2)	Loom for Clipper / Wiring Colour Code
Loom Honda 1983	Loom Honda 1983
Loom Honda 12.5 & 18 Kohler	Loom Honda 12.5 & 18 Kohler
Loom Honda GXV270/340	Loom Honda GXV270/340 Engines
Loom 6,8,11 & 16HP	Loom 6,8,11 & 16HP Engines
Loom Kohler & B&S	Loom Kohler & all B&S Engines
Loom C1200 Kawasaki 2100	C1200 Wiring Schematic Kawaski 2100 Loom
Loom `S' Series T11 & 1600	Loom `S' Series T11 & 1600
LoomT1200	T1200 Wiring Schematic
Brake Switch Conv	Brake Safety Switch Conversion from Double to Single
Petrol PCB	Petrol Printed Circuit Board
Diesel PCB	Diesel Printed Circuit Board / Plug Wires
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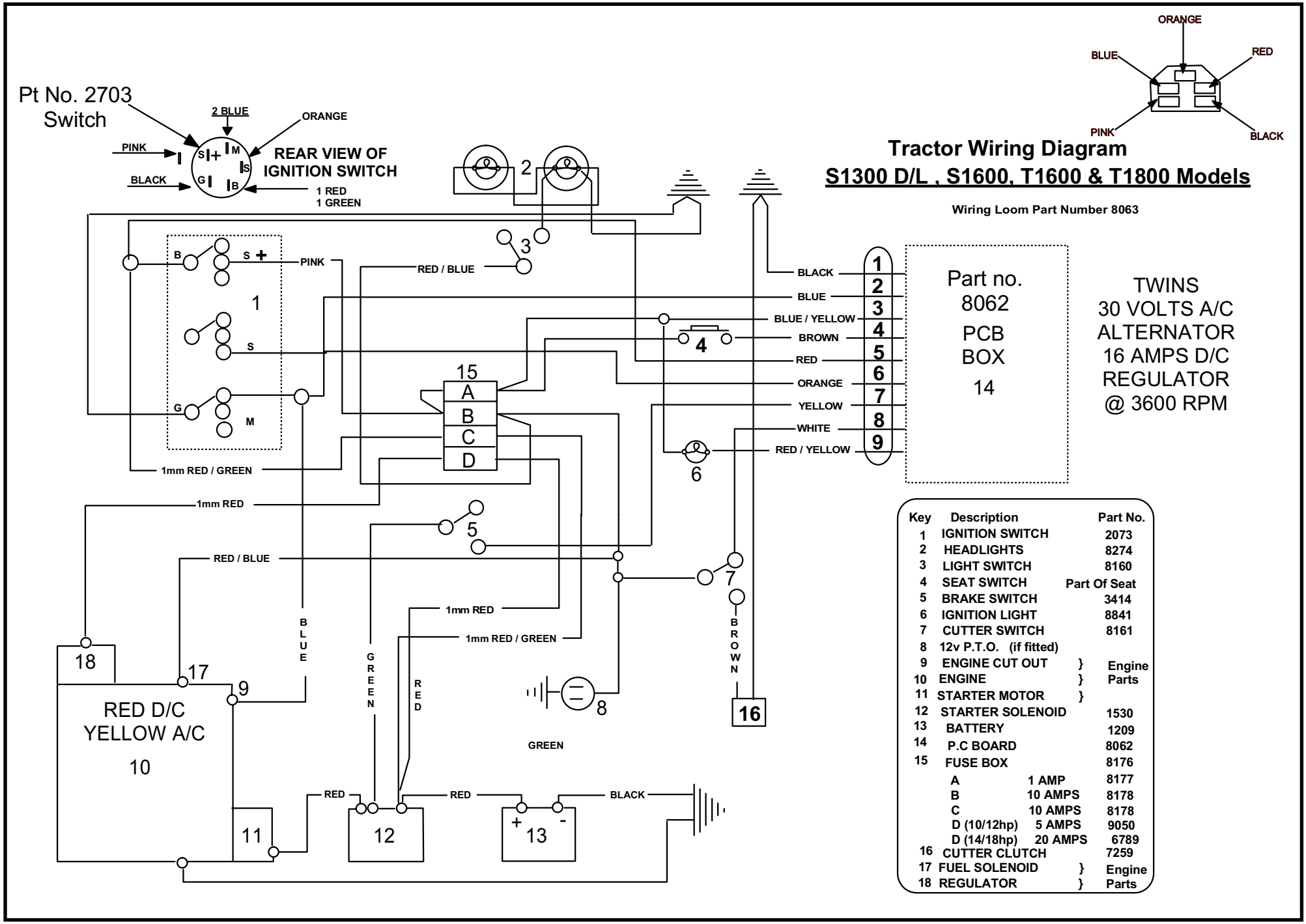
Loom Tractors MK1 & 11	Tractor Consol MK1 & 11 - Wire Colour Coding
Petrol & Diesel PCB's	Petrol & Diesel PCB's (combined diagram)

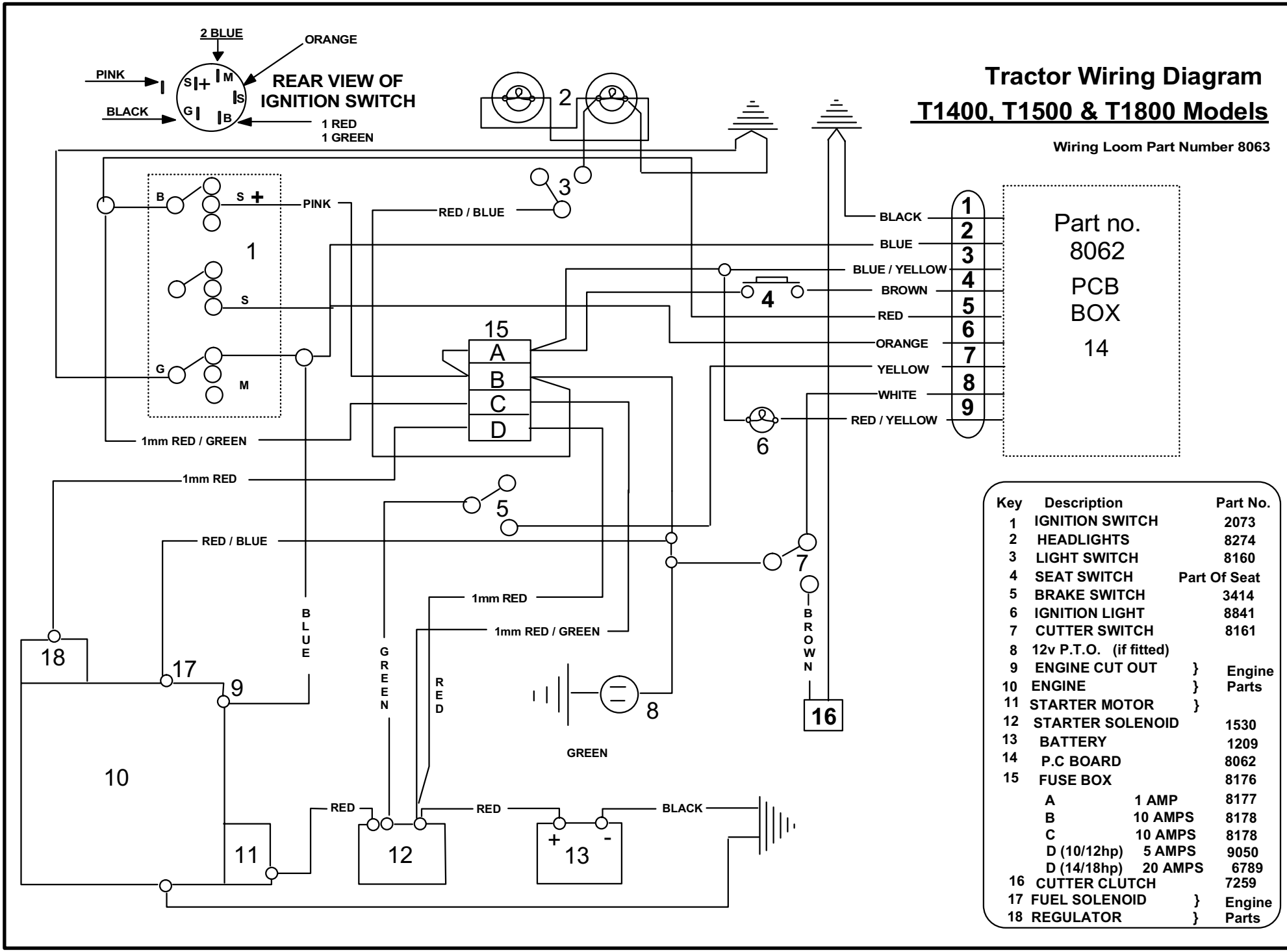


Key	Description		Part No.
1	IGNITION SWITCH		2073
2	HEADLIGHTS		8274
3	LIGHT SWITCH		8160
4	SEAT SWITCH		Part Of Seat
5	BRAKE SWITCH		3414
6	IGNITION LIGHT		8841
7	CUTTER SWITCH		8161
8	12v P.T.O. (if fitted)		
9	ENGINE CUT OUT	}	Engine
10	ENGINE	}	Parts
11	STARTER MOTOR	}	
12	STARTER SOLENOID		1530
13	BATTERY		1209
14	P.C BOARD		8062
15	FUSE BOX		8176
	A	1 AMP	8177
	B	10 AMPS	8178
	C	10 AMPS	8178
	D (10/12hp)	5 AMPS	9050
	D (14/18hp)	20 AMPS	6789
16	CUTTER CLUTCH		7259
17	FUEL SOLENOID	}	Engine
18	REGULATOR	}	Parts

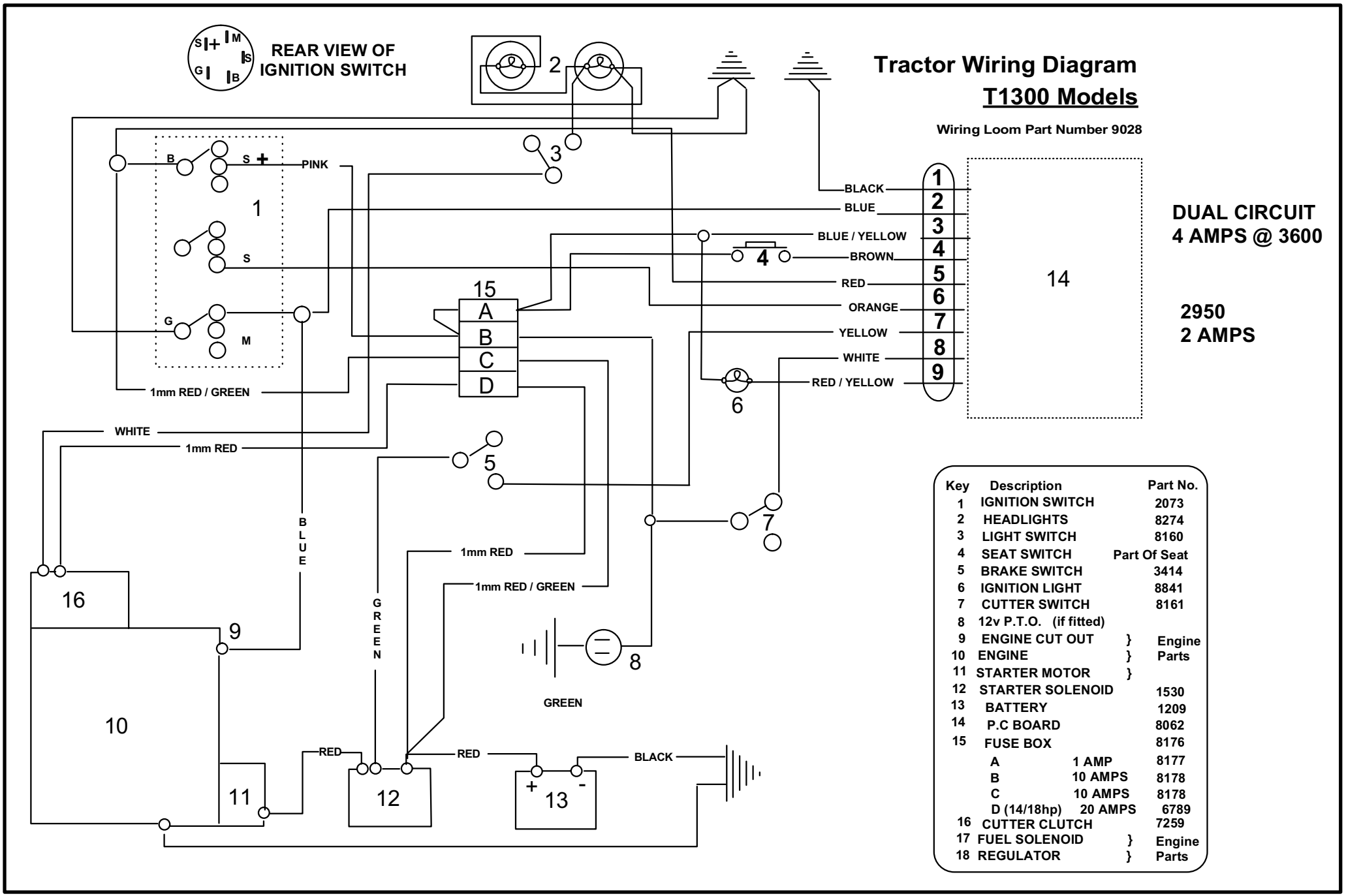
Tractor Wiring Diagram

T1400, T1500 & T1800 Models

Wiring Loom Part Number 8063



Key	Description		Part No.
1	IGNITION SWITCH		2073
2	HEADLIGHTS		8274
3	LIGHT SWITCH		8160
4	SEAT SWITCH		Part Of Seat
5	BRAKE SWITCH		3414
6	IGNITION LIGHT		8841
7	CUTTER SWITCH		8161
8	12v P.T.O. (if fitted)		
9	ENGINE CUT OUT	}	Engine
10	ENGINE	}	Parts
11	STARTER MOTOR	}	
12	STARTER SOLENOID		1530
13	BATTERY		1209
14	P.C BOARD		8062
15	FUSE BOX		8176
	A	1 AMP	8177
	B	10 AMPS	8178
	C	10 AMPS	8178
	D (10/12hp)	5 AMPS	9050
	D (14/18hp)	20 AMPS	6789
16	CUTTER CLUTCH		7259
17	FUEL SOLENOID	}	Engine
18	REGULATOR	}	Parts

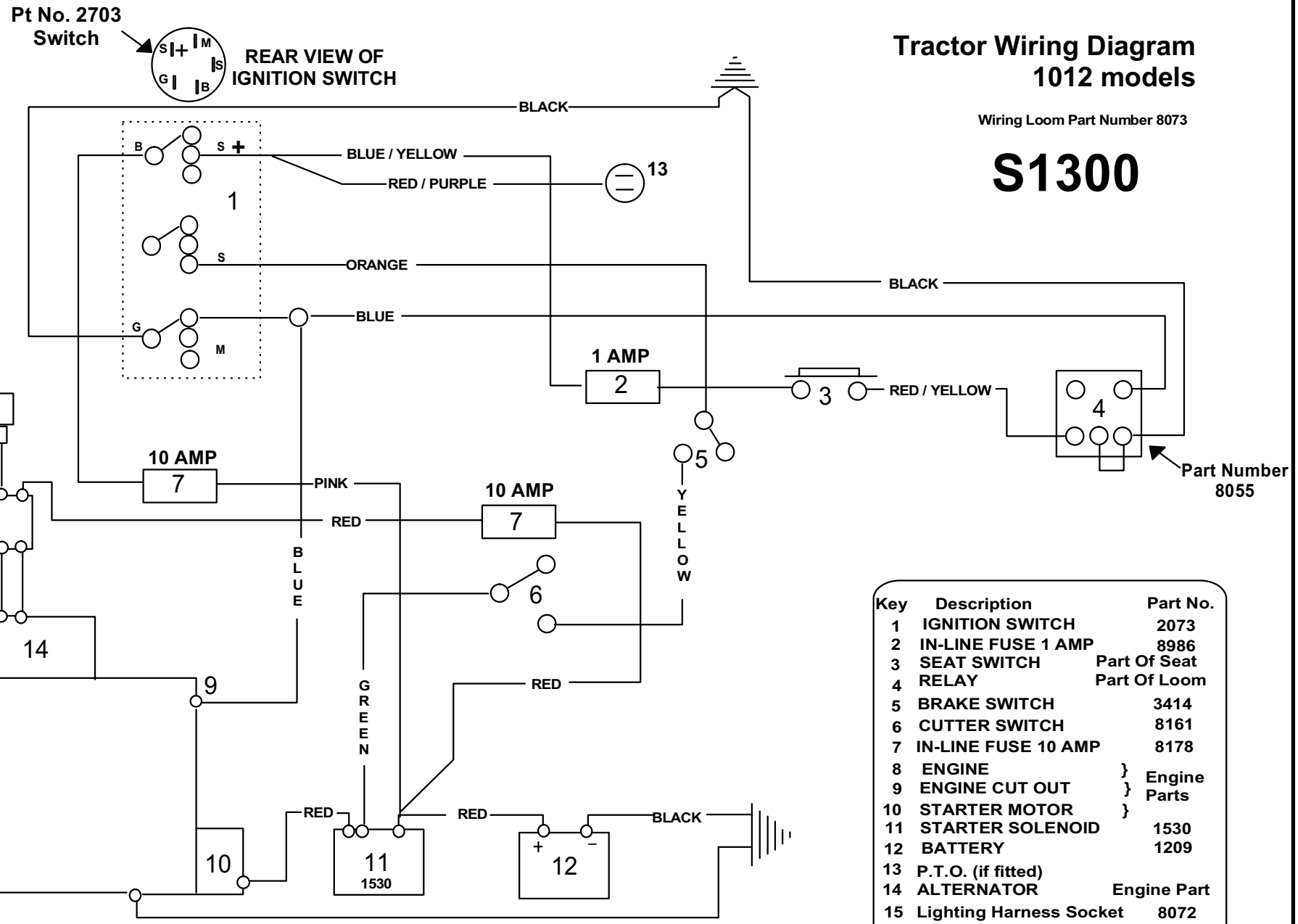


Key	Description		Part No.
1	IGNITION SWITCH		2073
2	HEADLIGHTS		8274
3	LIGHT SWITCH		8160
4	SEAT SWITCH		Part Of Seat
5	BRAKE SWITCH		3414
6	IGNITION LIGHT		8841
7	CUTTER SWITCH		8161
8	12v P.T.O. (if fitted)		
9	ENGINE CUT OUT	}	Engine
10	ENGINE	}	Parts
11	STARTER MOTOR	}	
12	STARTER SOLENOID		1530
13	BATTERY		1209
14	P.C BOARD		8062
15	FUSE BOX		8176
	A	1 AMP	8177
	B	10 AMPS	8178
	C	10 AMPS	8178
	D (14/18hp)	20 AMPS	6789
16	CUTTER CLUTCH		7259
17	FUEL SOLENOID	}	Engine
18	REGULATOR	}	Parts

Tractor Wiring Diagram
1012 models

Wiring Loom Part Number 8073

S1300



Key	Description	Part No.
1	IGNITION SWITCH	2073
2	IN-LINE FUSE 1 AMP	8986
3	SEAT SWITCH	Part Of Seat
4	RELAY	Part Of Loom
5	BRAKE SWITCH	3414
6	CUTTER SWITCH	8161
7	IN-LINE FUSE 10 AMP	8178
8	ENGINE	Engine Parts
9	ENGINE CUT OUT	Engine Parts
10	STARTER MOTOR	Engine Parts
11	STARTER SOLENOID	1530
12	BATTERY	1209
13	P.T.O. (if fitted)	
14	ALTERNATOR	Engine Part
15	Lighting Harness Socket	8072

DO NOT SCALE

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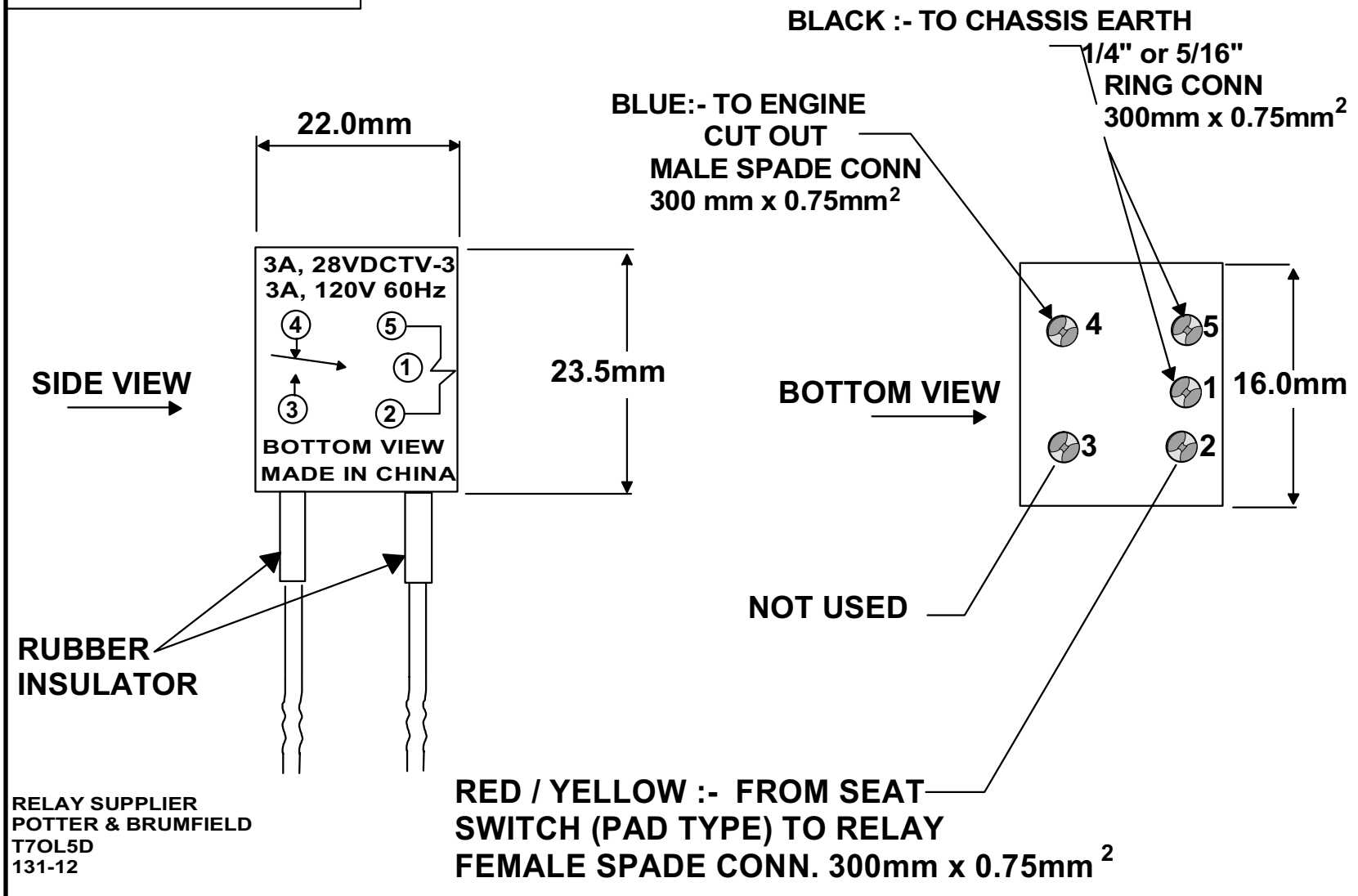
DATE	MODIFICATION	ISS
12/11/92	1ST ISSUE	1



RELAY SUPPLIER
POTTER & BRUMFIELD
T7OL5D
131-12

SCALE:- N.T.S.

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

TITLE:- **RELAY HARNESS**

DRAWN:-	DATE:-	CHKD:-	DATE:-	DRG PART /No 8055

DO NOT SCALE

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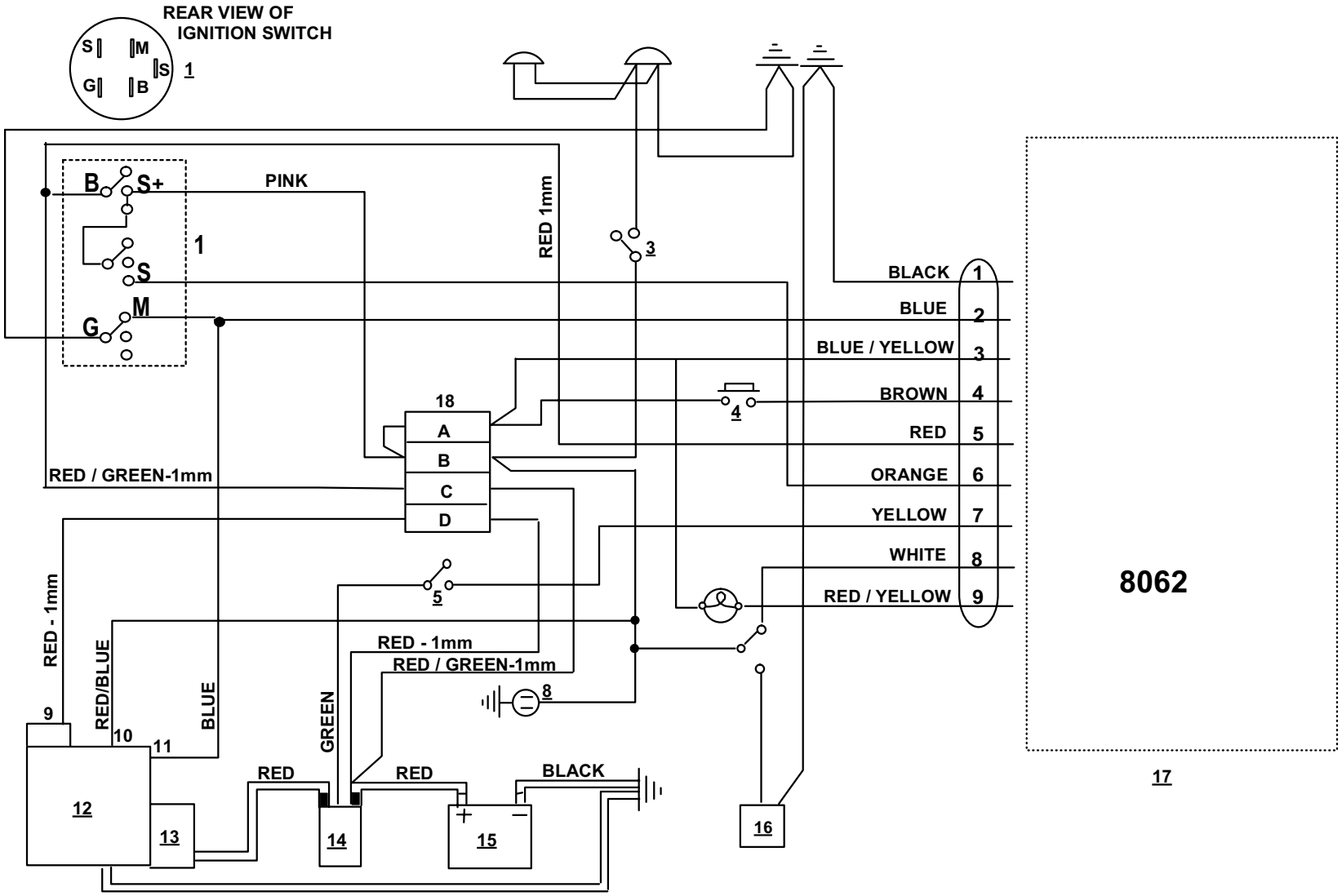
DATE	MODIFICATION	ISS



1	IGNITION SWITCH
2	LIGHTS
3	LIGHT SWITCH
4	SEAT SWITCH
5	BRAKE SWITCH
6	IGNITION LIGHT
7	CUTTER SWITCH
8	12V PTO
9	REGULATOR
10	FUEL SOLENOID
11	ENGINE CUT OUT
12	ENGINE
13	STARTET MOTOR
14	STARTET SOLENOID
15	BATTERY
16	CUTTER CLUTCH
17	P.C. BOARD
18	FUSE BOX
A	1 AMP
B	10 AMP
C	10 AMP
D	10/12HP = 10 AMP
D	14/18HP = 20 AMP

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

T13
T15
T14
T18 -2018 - 2014

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

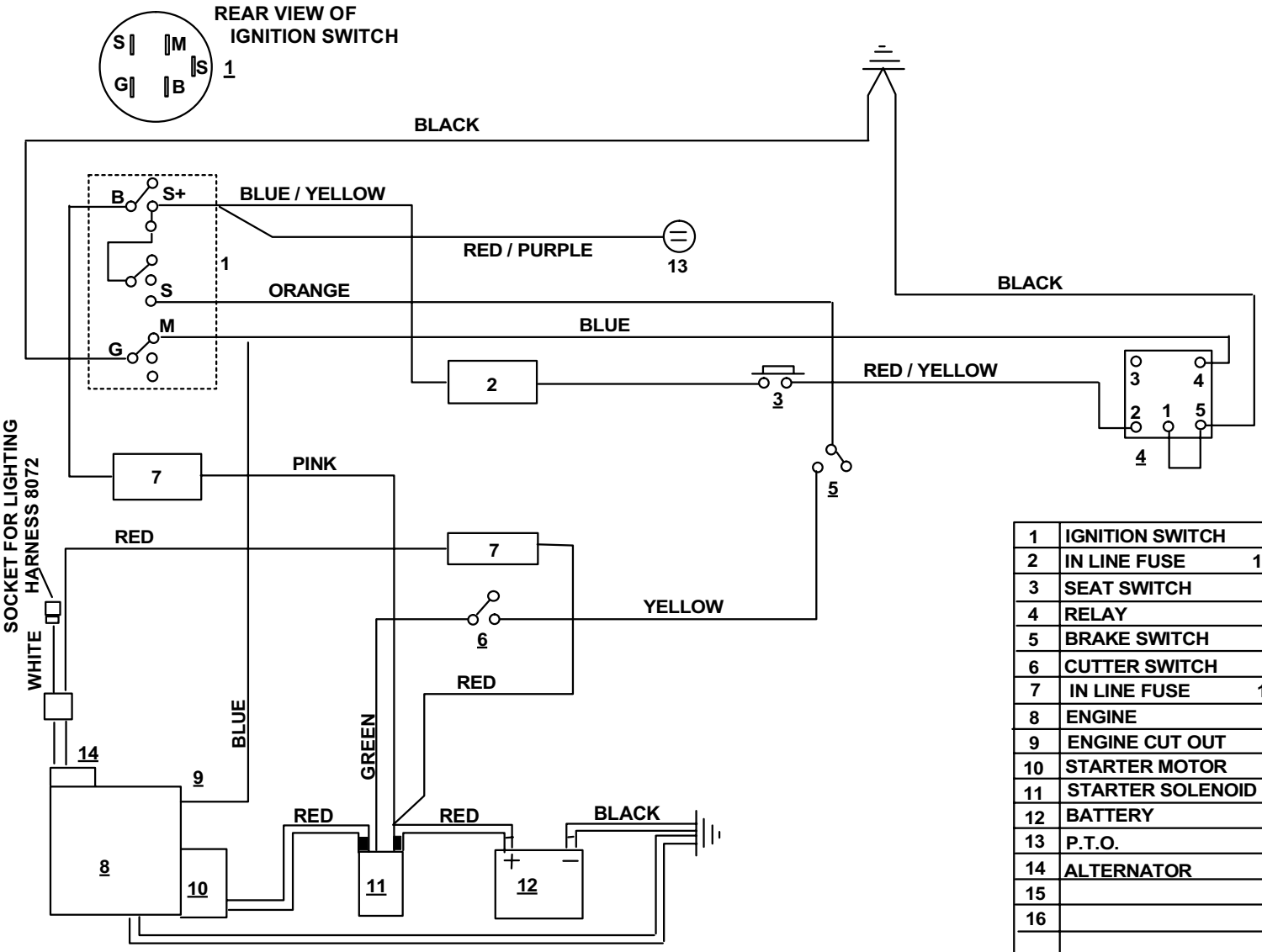
TITLE:- GENERAL TRACTOR WIRING DIAGRAM
BRIGGS AND STRATTON ENGINES

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
JHC	1/12/92			8063

DO NOT SCALE

RANSOMES CONSUMER LTD

DATE	MODIFICATION	ISS



1	IGNITION SWITCH
2	IN LINE FUSE 1AMP
3	SEAT SWITCH
4	RELAY
5	BRAKE SWITCH
6	CUTTER SWITCH
7	IN LINE FUSE 10 AMP
8	ENGINE
9	ENGINE CUT OUT
10	STARTER MOTOR
11	STARTER SOLENOID
12	BATTERY
13	P.T.O.
14	ALTERNATOR
15	
16	

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

TITLE:- TRACTOR WIRING DIAGRAM
BRIGGS AND STRATTON S1200 & 1012

DRAWN:-	DATE:-	CHKD:-	DATE:-	DRG PART /No
JHC	16/3/93			8073

DO NOT SCALE

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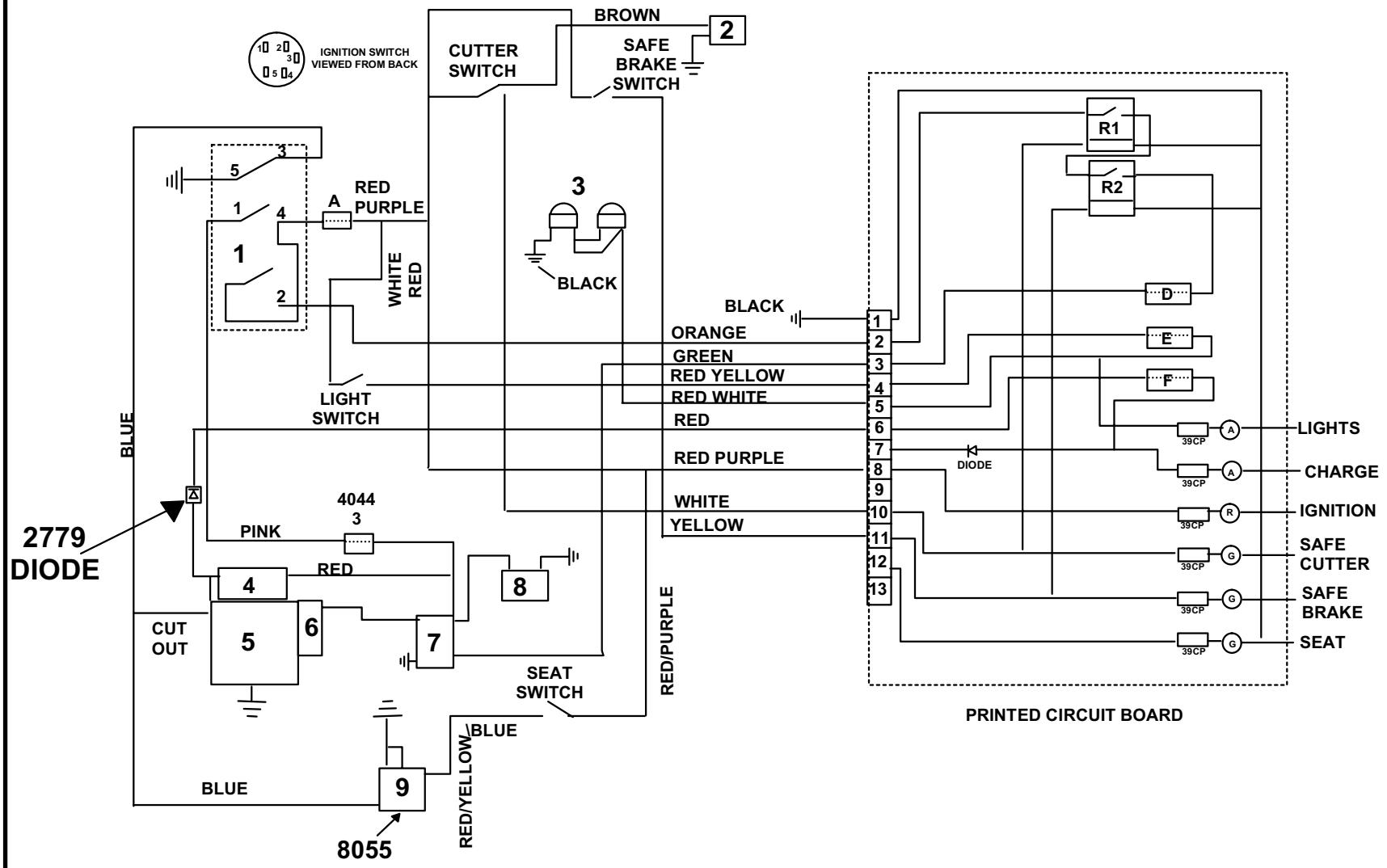
DATE	MODIFICATION	ISS
8/3/93	1ST ISSUE	1



1	IGNITION SWITCH
2	ELECTRIC CLUTCH
3	LIGHTS
4	REGULATOR
5	ENGINE
6	STARTER MOTOR
7	SOLENOID
8	BATTERY
9	RELAY 8055

FUSES

A	10 AMP
B	10 AMP
C	
D	3 AMP
E	5 AMP
F	3 AMP
G	

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

12HP REGULATED BRIGGS & STRATTON WITH INTERNAL SEAT SWITCH & ELECTRIC CLUTCH.

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

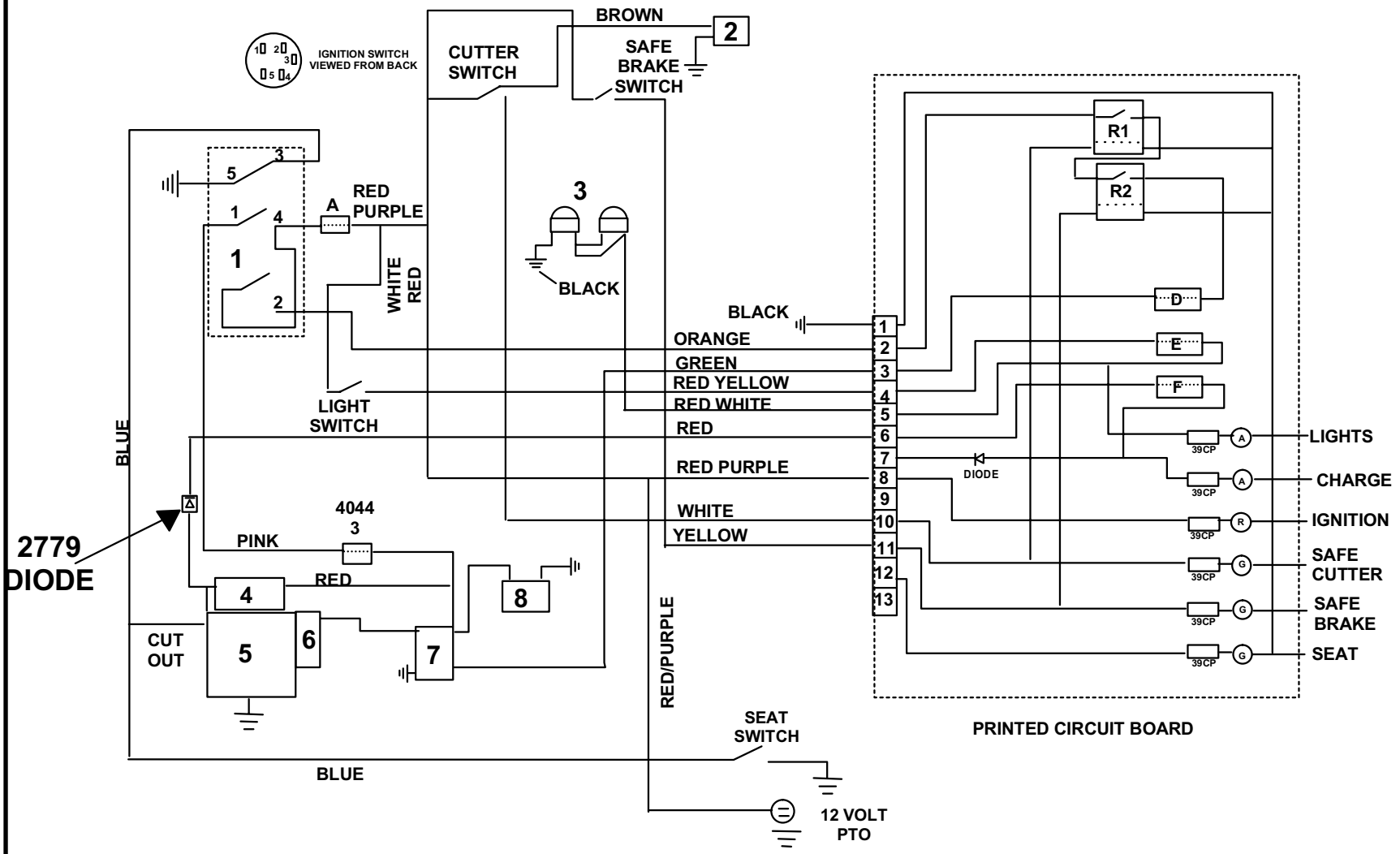
FINISH:-

TITLE:- TRACTOR WIRING DIAGRAM 12HP

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
SBL	8/3/93			7723

DO NOT SCALE

RANSOMES CONSUMER LTD



DATE	MODIFICATION	ISS
8/3/93	1ST ISSUE	1

1	IGNITION SWITCH
2	ELECTRIC CLUTCH
3	LIGHTS
4	REGULATOR
5	ENGINE
6	STARTER MOTOR
7	SOLENOID
8	BATTERY
9	RELAY 8055

FUSES

A	10 AMP
B	10 AMP
C	
D	3 AMP
E	5 AMP
F	3 AMP
G	

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

12HP REGULATED BRIGGS & STRATTON WITH INTERNAL SEAT SWITCH & ELECTRIC CLUTCH.

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

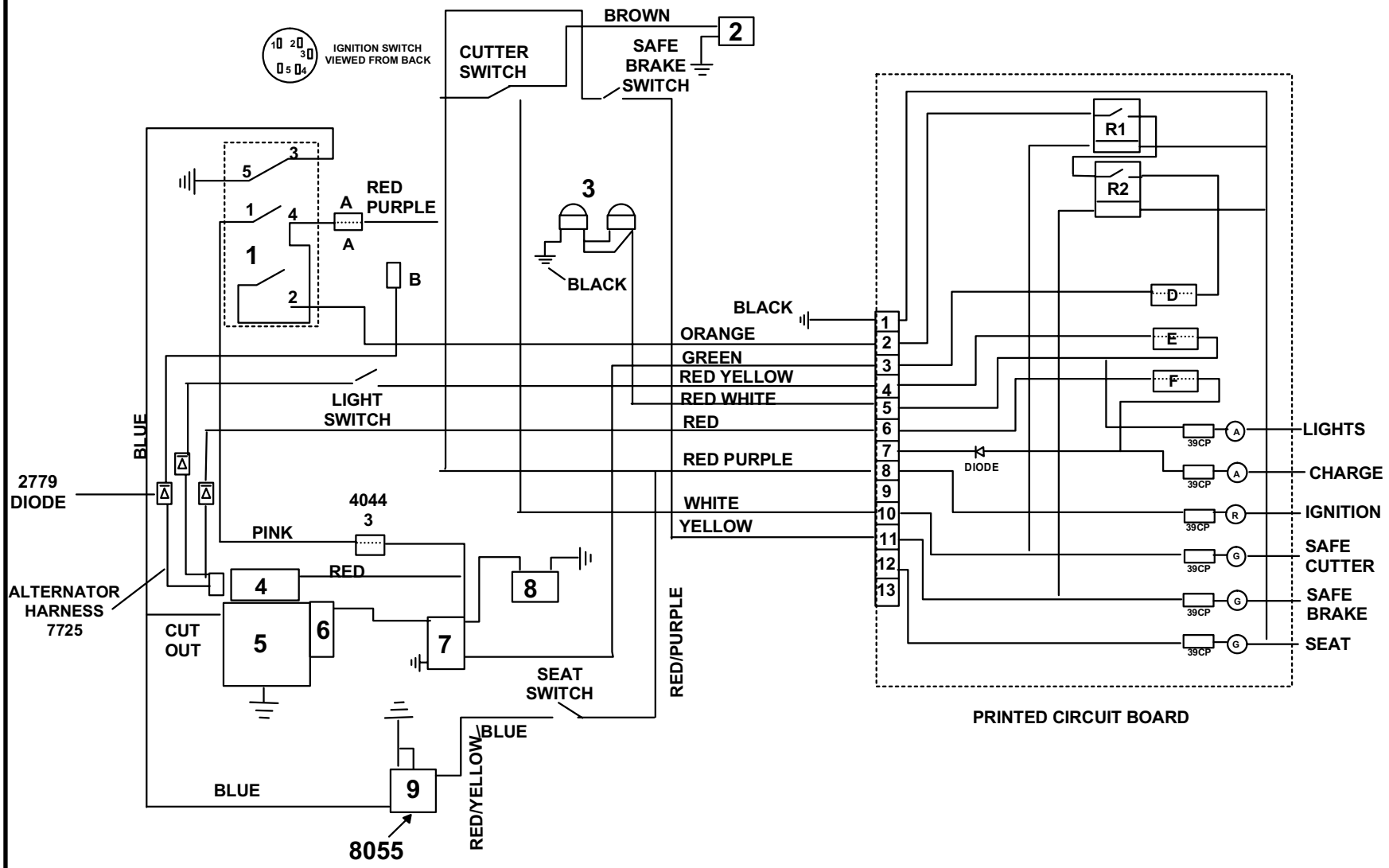
FINISH:-

TITLE:- TRACTOR WIRING DIAGRAM 12HP

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
SBL	8/3/93			7723

DO NOT SCALE

RANSOMES CONSUMER LTD



DATE	MODIFICATION	ISS
9/3/93	1st ISSUE	1

1	IGNITION SWITCH
2	CUTTER CLUTCH
3	LIGHTS
4	REGULATOR
5	ENGINE
6	STARTER MOTOR
7	SOLENOID
8	BATTERY
9	RELAY 8055

FUSES

A	10 AMP
B	10 AMP
C	10 AMP
D	3 AMP
E	5 AMP
F	3 AMP

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

BRIGGS AND STRATTON 12HP ENGINE WITH TRI-CIRCUIT ALTERNATOR AND INTERNAL SEAT SWITCH AND ELECTRIC CLUTCH

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

TITLE:- TRACTOR WIRING DIAGRAM 12HP

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
SBL	8.3.93			7998

DO NOT SCALE

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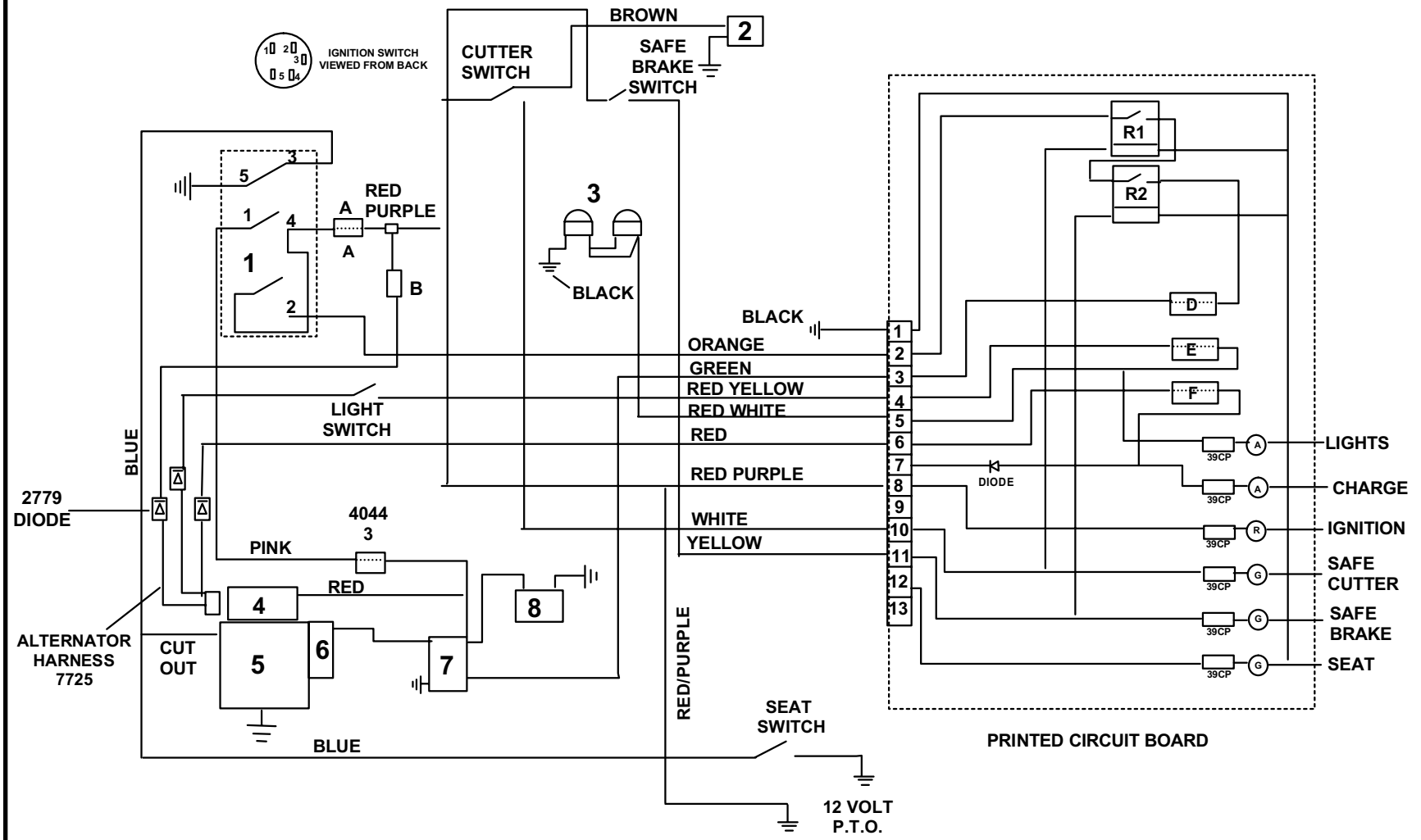

DATE	MODIFICATION	ISS
8/3/93	1st ISSUE	1

1	IGNITION SWITCH
2	ELECTRIC CLUTCH
3	LIGHTS
4	ALTERNATOR
5	ENGINE
6	STARTER MOTOR
7	SOLENOID
8	BATTERY

FUSES

A	10 AMP
B	10 AMP
C	10 AMP
D	3 AMP
E	5 AMP
F	3 AMP

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

BRIGGS AND STRATTON 12HP ENGINE WITH TRI-CIRCUIT ALTERNATOR AND PLUNGER TYPE SEAT SWITCH AND ELECTRIC CLUTCH

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

TITLE:- TRACTOR WIRING DIAGRAM 12HP

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
SBL	8.3.93			7998

DO NOT SCALE

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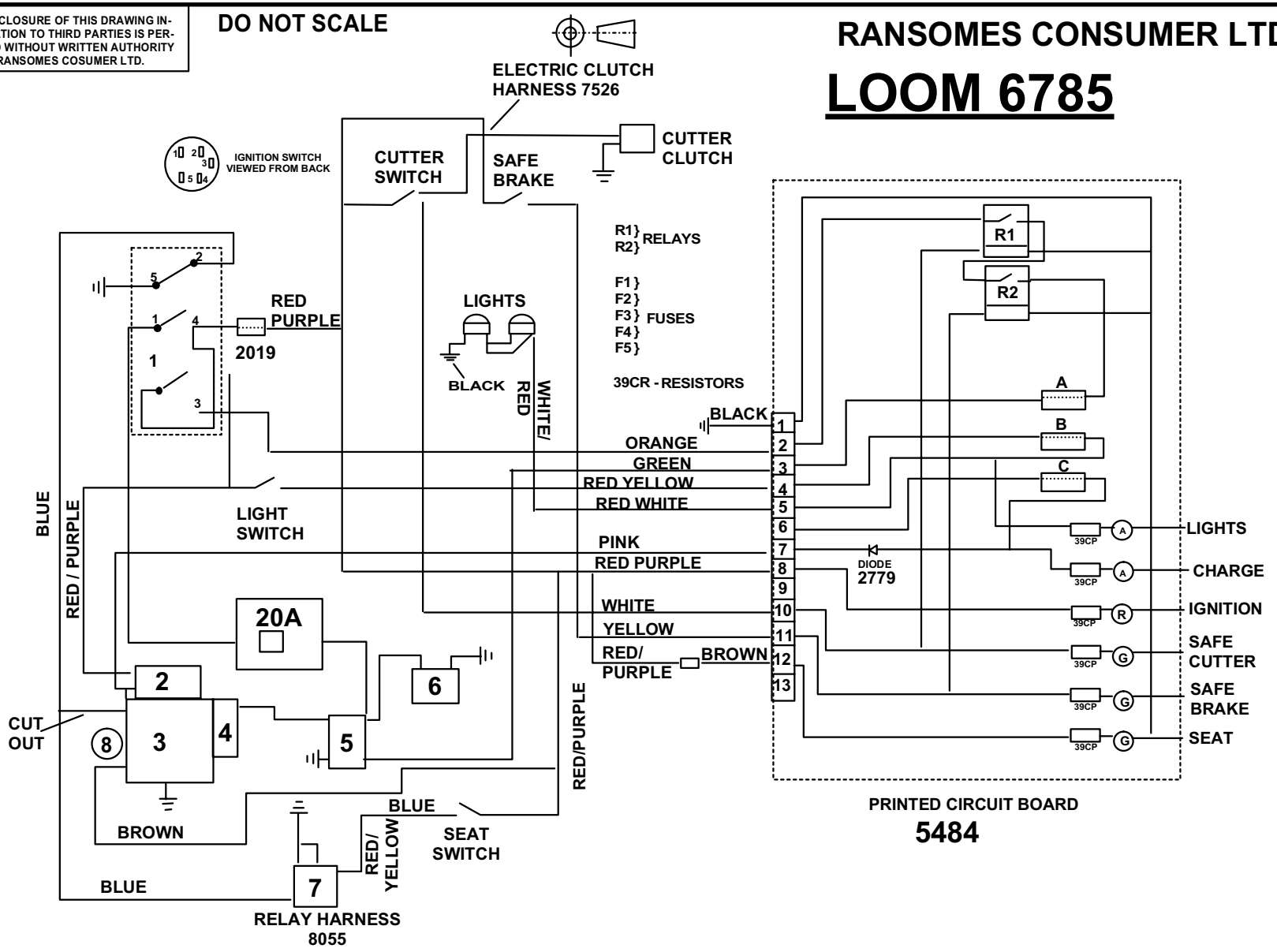
LOOM 6785



DATE	MODIFICATION	ISS
9 3 93	1st ISSUE	1
1	IGNITION SWITCH	
2	ALTERNATOR	
3	ENGINE	
4	STARTER SOLENOID	
5	SOLENOID	
6	BATTERY	
7	RELAY PJ. 8055	
8	FUEL SOLENOID	
9		
10		
11		
12		
13		
14		

FUSES

A	3 AMP
B	5 AMP
C	3 AMP

ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

14 + 18 BRIGGS & STRATTON & KOHLER WITH INTEGRAL SEAT SWITCH & ELECTRIC CLUTCH.

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

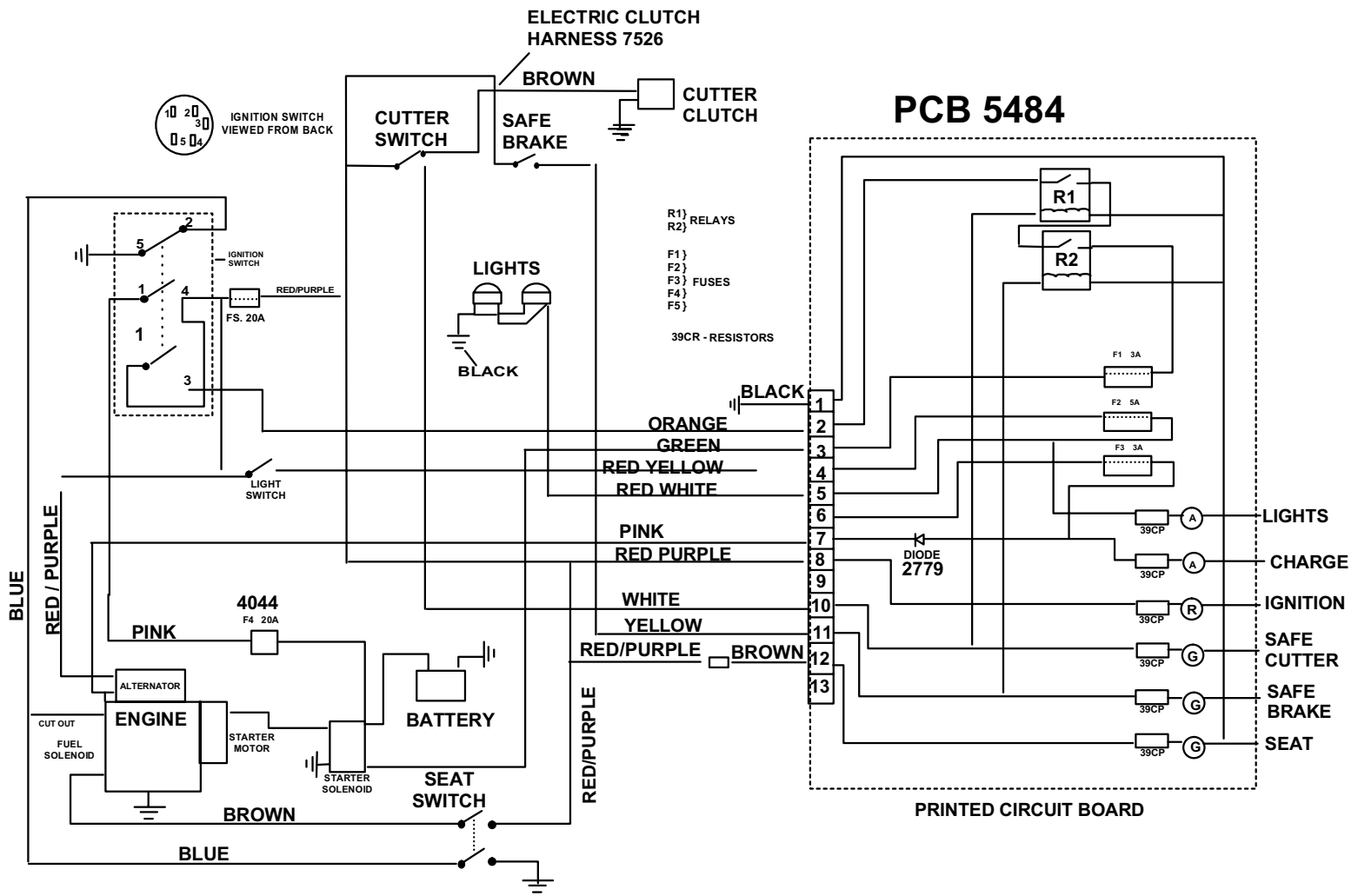
TITLE:- TRACTOR WIRING DIAGRAM 14 + 18HP

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
SBL	8.3.93			7630

DO NOT SCALE

RANSOMES CONSUMER LTD

DATE	MODIFICATION	ISS
9 3 93	1st ISSUE	1



ITEM	DRG. / PART No	TITLE	DESCRIPTION/SPEC.	No. OFF

14+18 BRIGGS & STRATTON & KOHLER ENGINES WITH PLUNGER SEAT SWITCH & ELECTRIC CLUTCH.

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

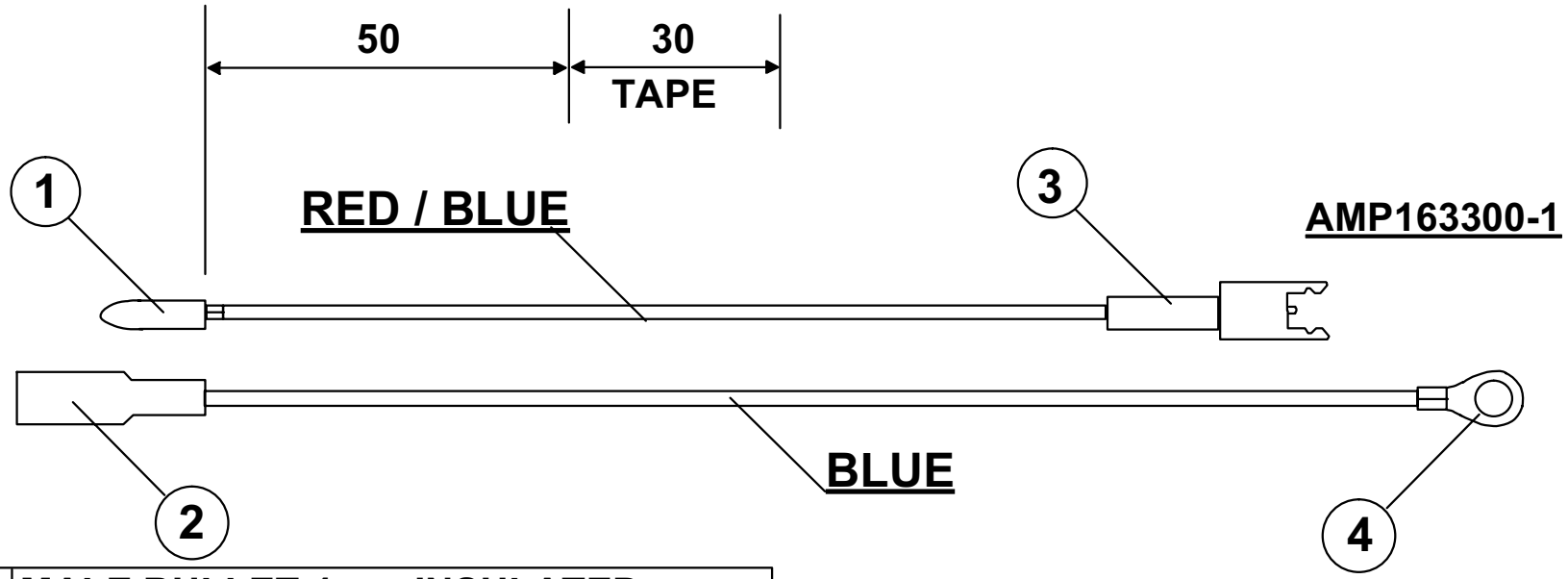
TITLE:- TRACTOR WIRING DIAGRAM 14 + 18 HP

DRAWN:	DATE:-	CHKD:-	DATE:-	DRG PART /No
SBL	8.3.93			7630

DO NOT SCALE

RANSOMES CONSUMER LTD

DATE	MODIFICATION	ISS



1	MALE BULLET 4mm INSULATED
2	FEMALE BULLET 4mm INSULATED
3	PIN HOUSINGBA.M.P 1:480351.0
4	RING TERMINAL 5.3 DIA
BLUE / RED 230mm .65	
RED / BLUE 170mm .65	

8366 - 8367 - 8520
1 PER USED ON 8357 - 8358 - 8363

UNLESS OTHERWISE STATED: DIM. IN MM

SCALE:- N.T.S.

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

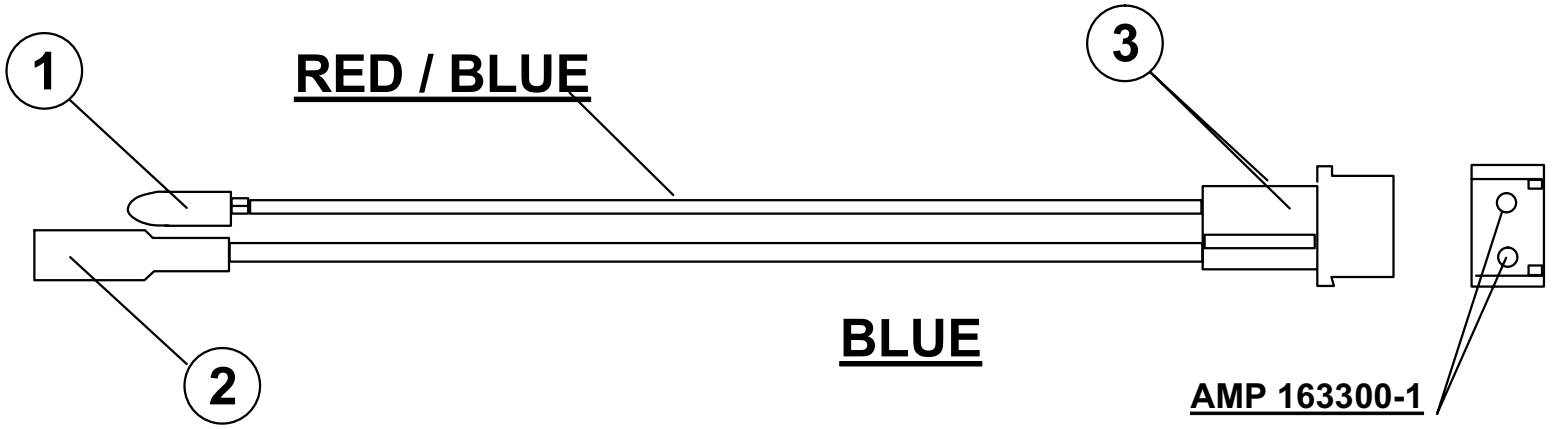
TITLE:-
LOOM ADAPTOR 14HP x 18HP

DRAWN:-	DATE:-	CHKD:-	DATE:-	DRG PART /No
JHC	21/12/93			8557

DO NOT SCALE

RANSOMES CONSUMER LTD

DATE	MODIFICATION	ISS



UNLESS OTHERWISE STATED: DIM. IN MM

1	MALE BULLET 4mm INSULATED
2	FEMALE BULLET 4mm INSULATED
3	PIN HOUSINGBA.M.P 1:480319.0
	CABLE LENGTHS 140mm .65

1 PER USED ON 8356

SCALE:- NTS

TOLLERANCES:-unless otherwise stated
0 PLACE DEC. ± 0.4mm
1 PLACE DEC. ± 0.2mm
2 PLACE DEC. ± 0.1mm

MATERIALS:-

FINISH:-

TITLE:- LOOM ADAPTOR 15HP

DRAWN:-	DATE:-	CHKD:-	DATE:-	DRG PART /No
JHC	21/12/93			8798

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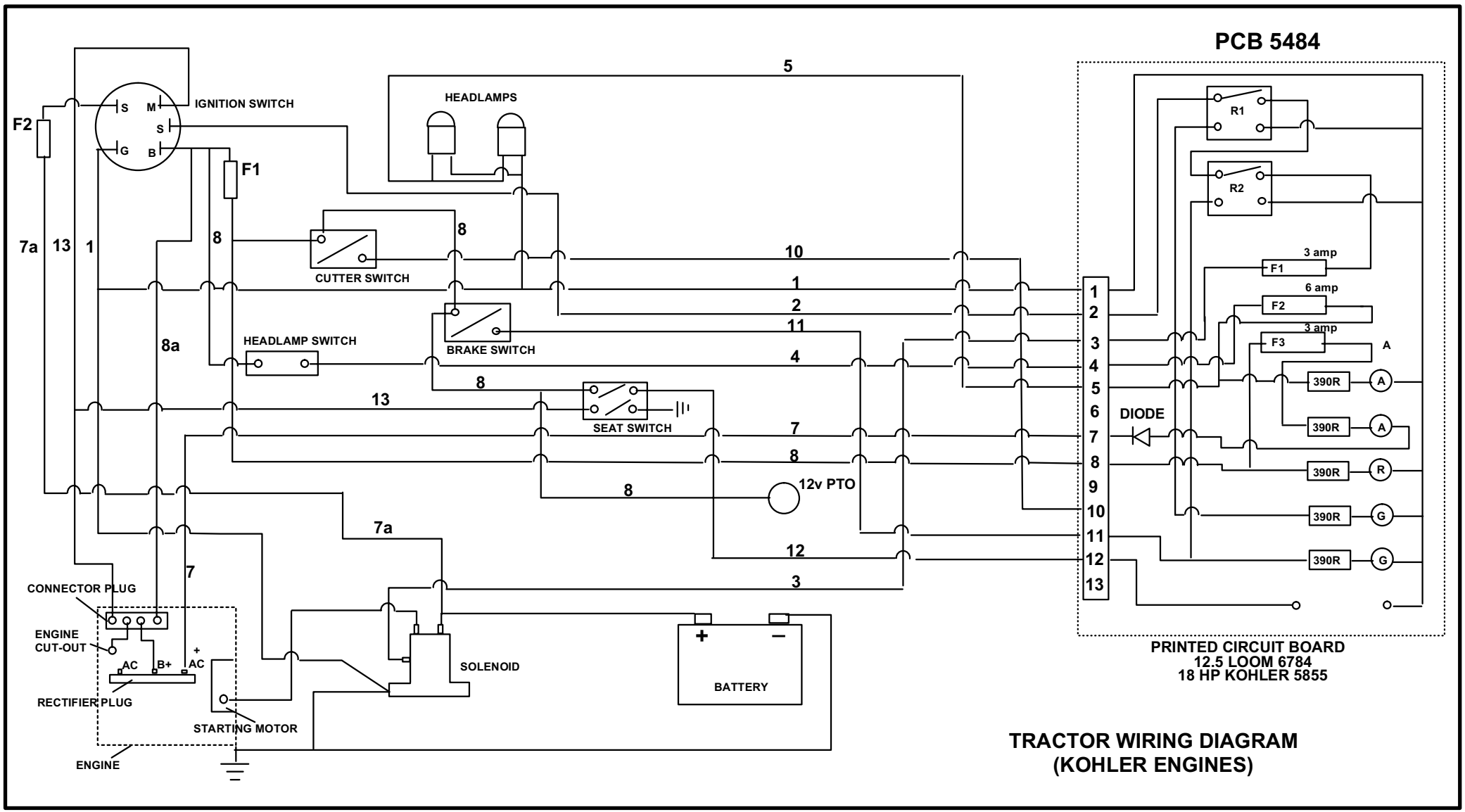

WIRING COLOUR CODES FOR KOHLER 12.5 AND 18 HP ENGINES FITTED TO 1990 MACHINES

Wire No.	Colour		Size	Description
	Main	Tracer		
1	Black	-	0.7mm	PCB connection No. 1 to Ignition Switch terminal `G' (3), --- Solenoid And Headlamp Earth
2	Orange	-	0.7mm	PCB connection No. 2 to Ignition Switch terminal `S' (1).
3	Green	-	0.7mm	PCB connection No. 3 to Solenoid.
4	Red	Yellow	0.7mm	PCB connection No. 4 to Headlamp Switch.
5	Red	White	0.7mm	PCB connection No. 5 to Headlamps (via 2 pin connector)
7	Pink	-	0.7mm	PCB connection No. 7 to engine Rectifier A.C. pin.
7a	Pink	-	1.5mm	Ignition Switch terminal `S' (4) to solenoid terminal B+, via 16/20 amp slow blow fuse.
8	Red	Blue	0.7mm	PCB connection No. 8 to Ignition Switch Terminal `B' (2), Headlamp Switch to safe cutter/brake/ seat switches & PTO
8a	Red	Blue	1.5mm	Ignition Switch terminal `B' (2) to engine connector plug and on through to B+ on Rectifier
10	White	-	0.7mm	PCB connection No. 10 to safe cutter switch.
11	Yellow	-	0.7mm	PCB connection No. 11 to safe brake switch.
12	Brown	-	0.7mm	PCB connection No. 12 to seat switch (if fitted).
13	Blue	-	0.7mm	Ignition Switch terminal `M' (5) to engine plug connector and engine stop and on seat switch.
14	Red	-	6.7mm	Battery positive terminal to Solnoid terminal B+.
14a	Red	-	4.5mm	Solenoid to Starter Motor.
14	Black	-	6.7mm	Battery negative terminal to Solenoid earth point.
15a	Black	-	4.5mm	Solenoid earth to engine.

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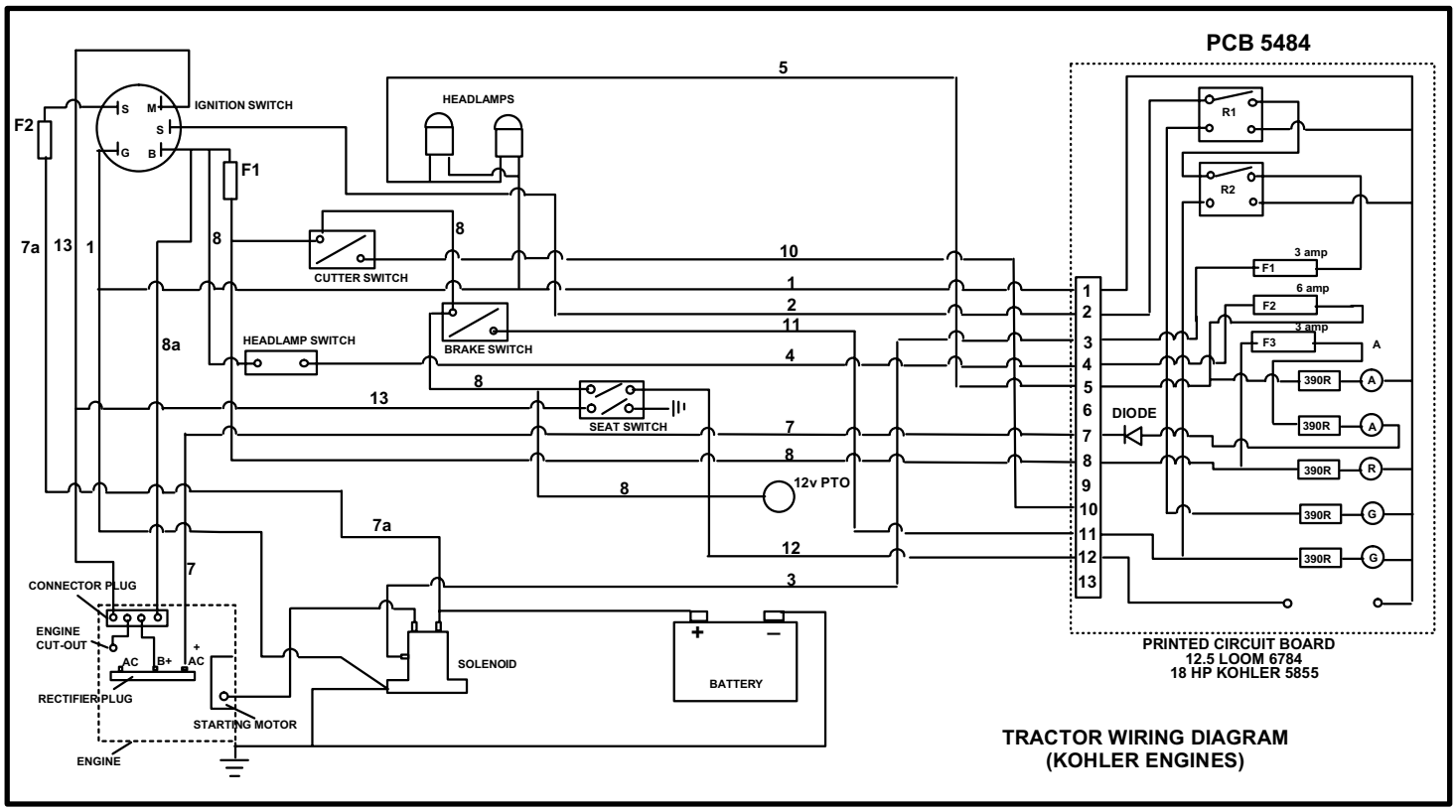


WIRING COLOUR CODES FOR KOHLER 12.5 AND 18 HP ENGINES FITTED TO 1990 MACHINES

Wire No.	Colour Main	Colour Tracer	Size	Description
1	Black	-	0.7mm	PCB connection No. 1 to Ignition Switch terminal `G' (3), --- Solenoid And Headlamp Earth
2	Orange	-	0.7mm	PCB connection No. 2 to Ignition Switch terminal `S' (1).
3	Green	-	0.7mm	PCB connection No. 3 to Solenoid.
4	Red	Yellow	0.7mm	PCB connection No. 4 to Headlamp Switch.
5	Red	White	0.7mm	PCB connection No. 5 to Headlamps (via 2 pin connector)
7	Pink	-	0.7mm	PCB connection No. 7 to engine Rectifier A.C. pin.
7a	Pink	-	1.5mm	Ignition Switch terminal `S' (4) to solenoid terminal B+, via 16/20 amp slow blow fuse.
8	Red	Blue	0.7mm	PCB connection No. 8 to Ignition Switch Terminal `B' (2), Headlamp Switch to safe cutter/brake/ seat switches & PTO
8a	Red	Blue	1.5mm	Ignition Switch terminal `B' (2) to engine connector plug and on through to B+ on Rectifier
10	White	-	0.7mm	PCB connection No. 10 to safe cutter switch.
11	Yellow	-	0.7mm	PCB connection No. 11 to safe brake switch.
12	Brown	-	0.7mm	PCB connection No. 12 to seat switch (if fitted).
13	Blue	-	0.7mm	Ignition Switch terminal `M' (5) to engine plug connector and engine stop and on seat switch.
14	Red	-	6.7mm	Battery positive terminal to Solnoid terminal B+.
14a	Red	-	4.5mm	Solenoid to Starter Motor.
14	Black	-	6.7mm	Battery negative terminal to Solenoid earth point.
15a	Black	-	4.5mm	Solenoid earth to engine.

Westwood

UP TO 1991

IGNITION SWITCH
PT.No 2703

IGNITION SWITCH
VIEWED FROM BACK

SAFE CUTTER SWITCH

SAFE BRAKE SWITCH

R1 R2 RELAYS

F1 F2 F3 F4 F5 FUSES

390R - RESISTORS

IGNITION SWITCH

RED/PURPLE

F5, 10A

LIGHTS

BLACK

WHITE/RED

WHITE/RED

LIGHT SWITCH

BLUE

PINK

F4, 10A

ALTERNATOR 1

ALTERNATOR 2

CUT OUT

ENGINE

STARTER MOTOR

STARTER SOLENOID

BATTERY

SAFE SEAT SWITCH (if fitted)

12v PTO

RED/PURPLE

BLACK 1
ORANGE 2
GREEN 3
RED / YELLOW 4
RED / WHITE 5
RED 6
PINK 7
RED / PURPLE 8
9
YELLOW 10
BROWN 11
12
13

R1

R2

F1, 3A

F2, 6A

F3, 3A

DIODE

390R A LIGHTS

390R A CHARGE

390R R IGNITION

390R G IGNITION

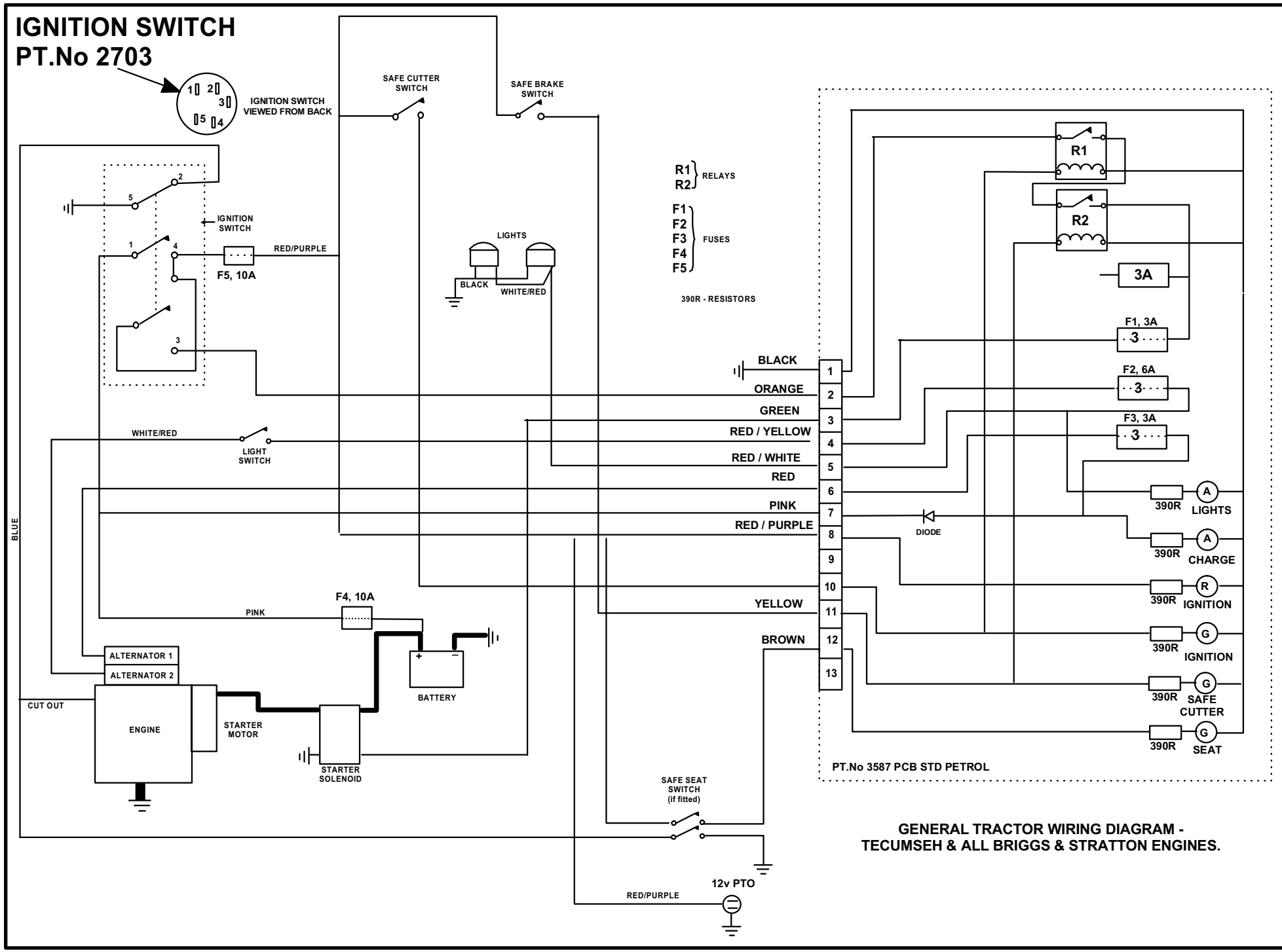
390R G SAFE CUTTER

390R G SEAT

PT.No 3587 PCB

GENERAL TRACTOR WIRING DIAGRAM -
TECUMSEH & ALL BRIGGS & STRATTON ENGINES.
MODELS S1000, T1100, T16 & T17

IGNITION SWITCH
PT.No 2703

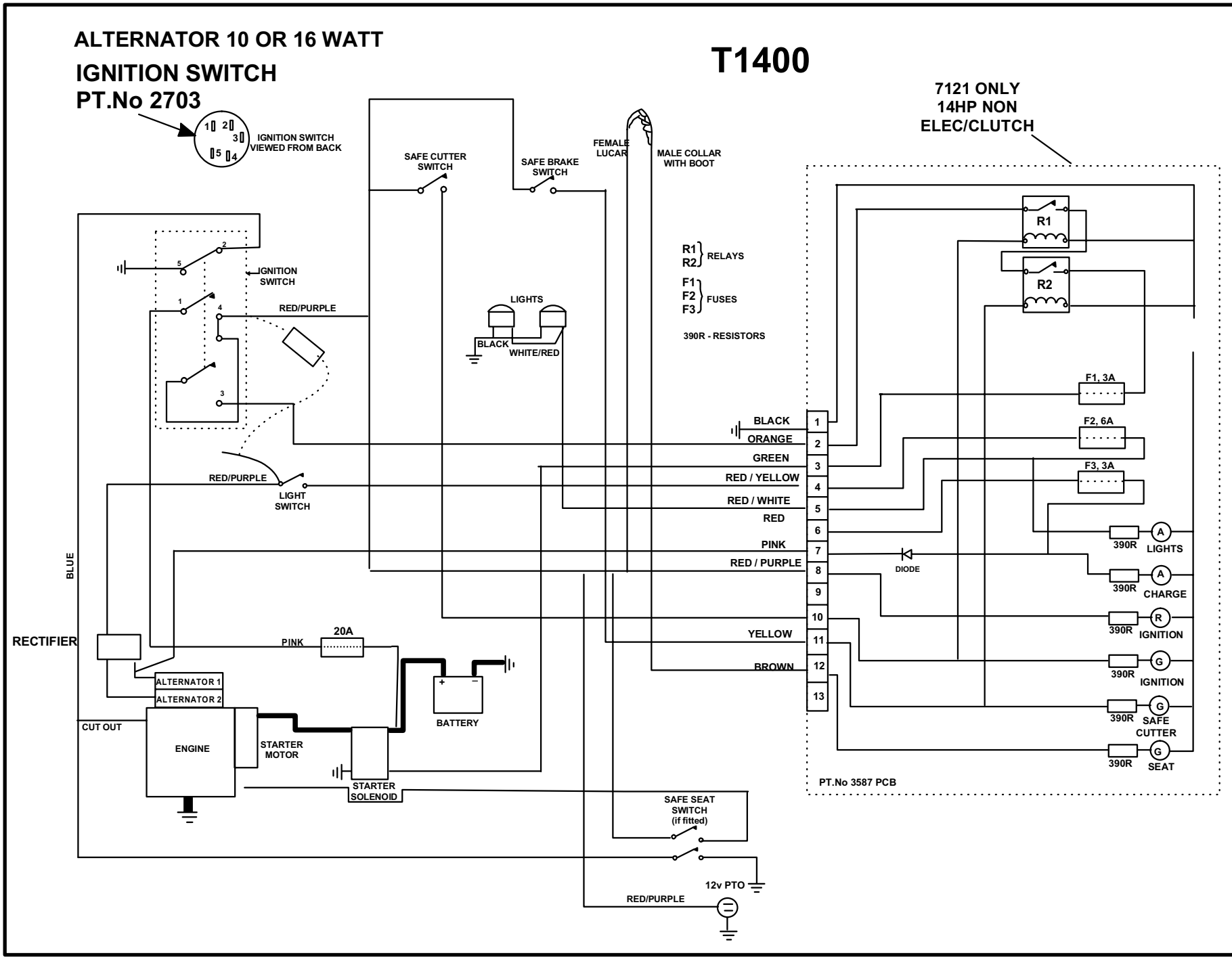


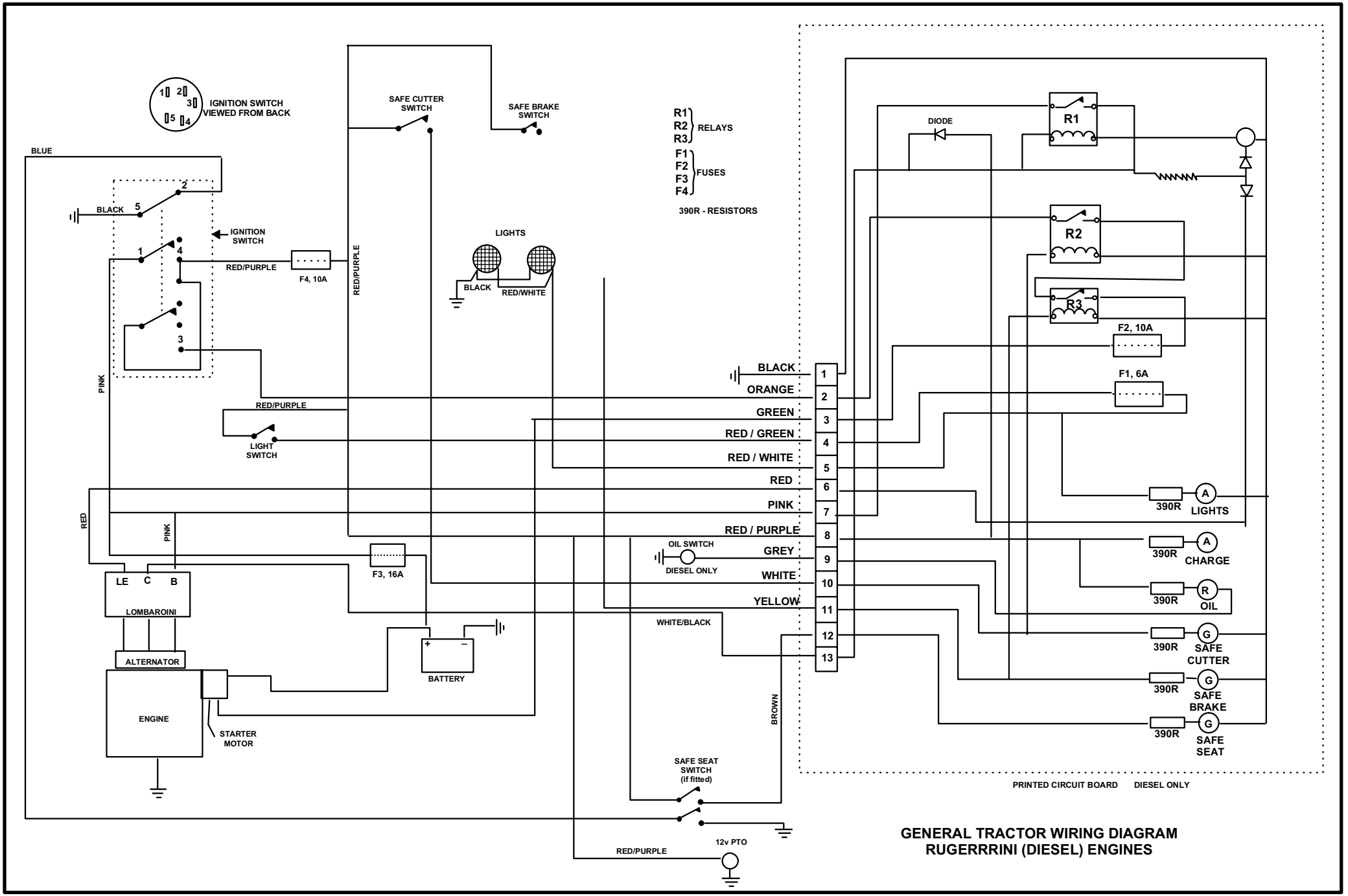
GENERAL TRACTOR WIRING DIAGRAM -
TECUMSEH & ALL BRIGGS & STRATTON ENGINES.

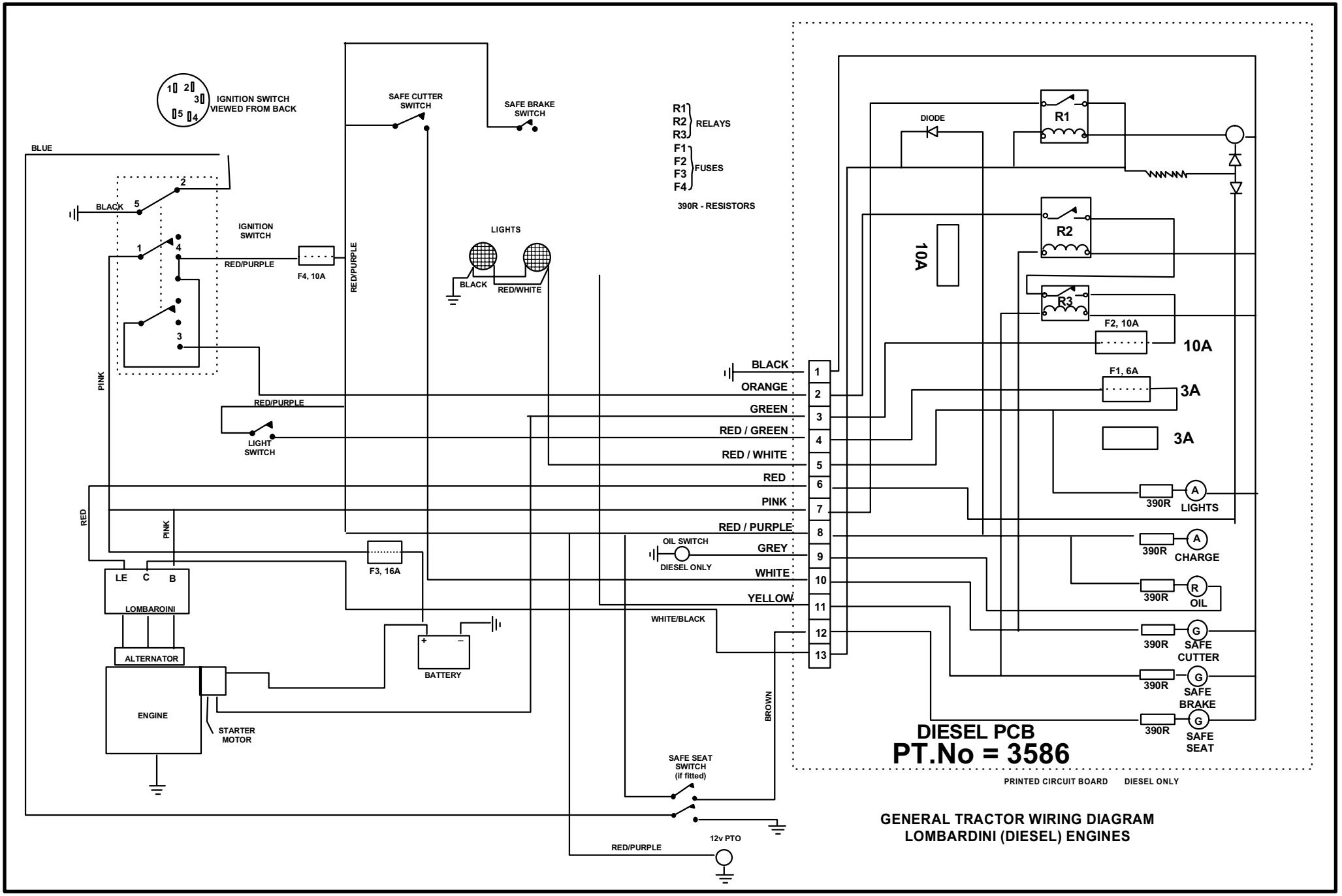
ALTERNATOR 10 OR 16 WATT

IGNITION SWITCH
PT.No 2703

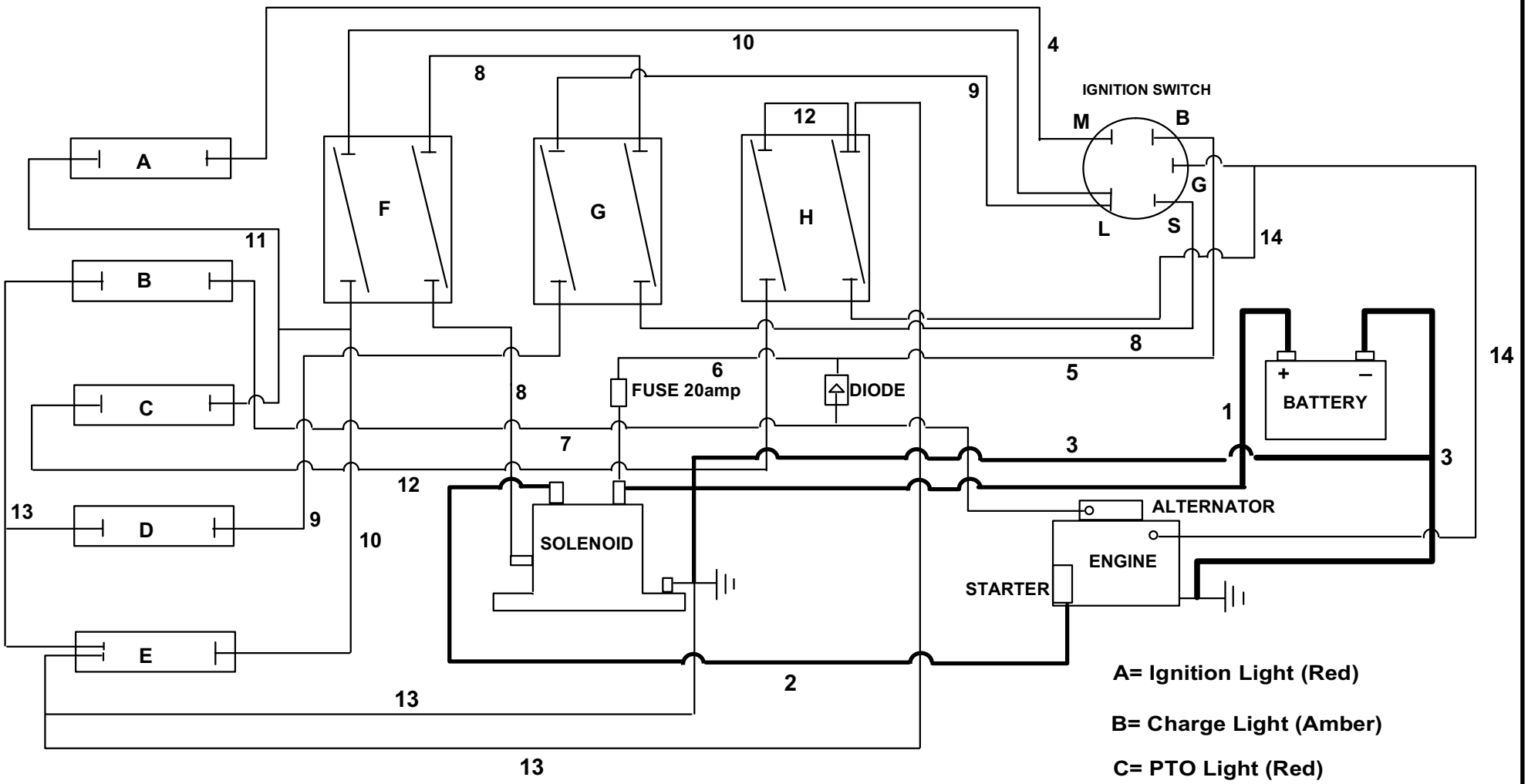
T1400




IGNITION SWITCH VIEWED FROM BACK
SAFE CUTTER SWITCH
SAFE BRAKE SWITCH
R1
R2
R3
RELAYS
F1
F2
F3
F4
FUSES
390R - RESISTORS
DIODE
BLUE
BLACK
IGNITION SWITCH
RED/PURPLE
F4, 10A
LIGHTS
BLACK
RED/WHITE
PINK
LIGHT SWITCH
F2, 10A
F1, 6A
BLACK
ORANGE
GREEN
RED / GREEN
RED / WHITE
RED
PINK
RED / PURPLE
GREY
WHITE
YELLOW
WHITE/BLACK
BROWN
390R
LIGHTS
CHARGE
OIL
SAFE CUTTER
SAFE BRAKE
SAFE SEAT
OIL SWITCH
DIESEL ONLY
F3, 16A
LE
C
B
LOMBARDINI
ALTERNATOR
BATTERY
ENGINE
STARTER MOTOR
SAFE SEAT SWITCH (if fitted)
12v PTO
PRINTED CIRCUIT BOARD
DIESEL ONLY
GENERAL TRACTOR WIRING DIAGRAM
RUGERRRINI (DIESEL) ENGINES


IGNITION SWITCH VIEWED FROM BACK
SAFE CUTTER SWITCH
SAFE BRAKE SWITCH
R1 R2 R3 RELAYS
F1 F2 F3 F4 FUSES
390R - RESISTORS
BLUE
BLACK
IGNITION SWITCH
RED/PURPLE
F4, 10A
RED/PURPLE
LIGHTS
BLACK
RED/WHITE
PINK
RED/PURPLE
LIGHT SWITCH
RED
PINK
F3, 16A
LE C B
LOMBARDINI
ALTERNATOR
ENGINE
STARTER MOTOR
BATTERY
OIL SWITCH
DIESEL ONLY
WHITE/BLACK
BROWN
SAFE SEAT SWITCH (if fitted)
12v PTO
RED/PURPLE
BLACK
ORANGE
GREEN
RED / GREEN
RED / WHITE
RED
PINK
RED / PURPLE
GREY
WHITE
YELLOW
DIODE
R1
R2
R3
10A
F2, 10A
10A
F1, 6A
3A
3A
390R
A
LIGHTS
390R
A
CHARGE
390R
R
OIL
390R
G
SAFE CUTTER
390R
G
SAFE BRAKE
390R
G
SAFE SEAT
DIESEL PCB
PT.No = 3586
PRINTED CIRCUIT BOARD DIESEL ONLY
GENERAL TRACTOR WIRING DIAGRAM
LOMBARDINI (DIESEL) ENGINES

ELECTRICAL WIRING DIAGRAM
CLIPPER



A= Ignition Light (Red)

B= Charge Light (Amber)

C= PTO Light (Red)

D= Safe Cutter Light (Green)

E= Safe Brake Light (Green)

F= Safe Brake Switch

G= Safe Cutter Switch

H= PTO Switch

CLIPPER WIRING DIAGRAM COLOUR CODING

Illus No.	Colour Main	Colour tracer	size	Description
1	Red	–	6mm	Battery Positive Terminal to Solenoid
2	Red	–	6mm	Solenoid to Starter Motor
3	Black	–	6mm	Battery Negative Terminal to Solenoid and Engine Earth
4	Red	Yellow	1mm	Ignition Switch "M" to Ignition Light
5	Red	Black	1mm	Ignition Switch "B" to 20 amp in - line Fuse
6	Pink	–	1mm	20 amp in - line Fuse to Solenoid
7	Red	–	1mm	Diode to Charge Light
8	Red	Blue	1mm	Ignition Switch "S" to Cutter and Brake Safety Switches and Solenoid
9	Red	Brown	1mm	Ignition Switch "L" to Cutter Safety Switch Light
10	Red	White	1mm	Ignition Switch "L" to Brake Safety Switch and Light
11	Red	Green	1mm	Ignition Light to PTO Light and Brake Switch
12	Yellow	–	1mm	PTO Light to PTO Switch
13	Black	–	1mm	PTO Switch to Brake, Cutter, and Charge Lights, Solenoid Earth, Ignition Switch "G" to PTO Switch, Engine Cut Out, Seat Switch.

HONDA

Electrical System

1983

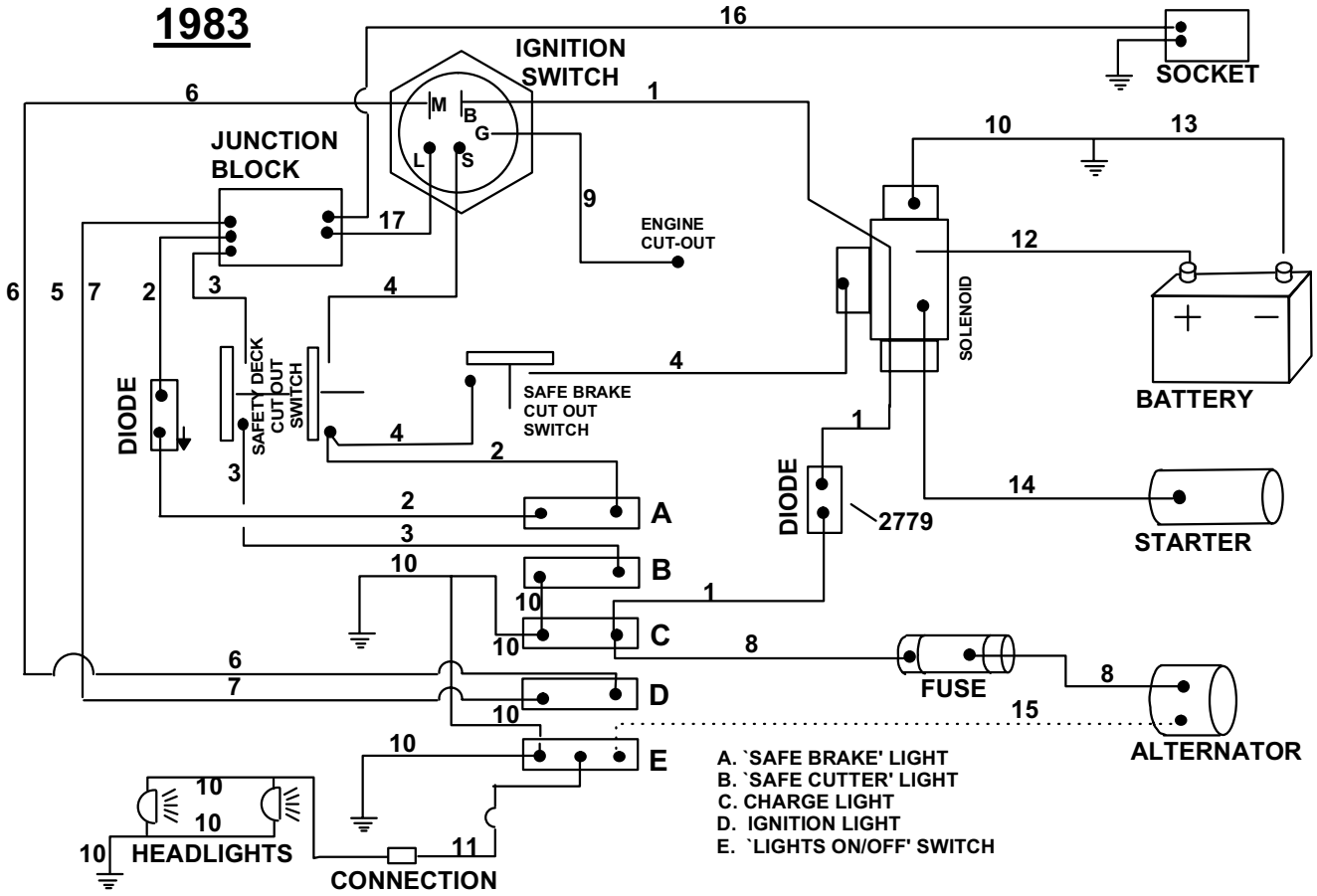
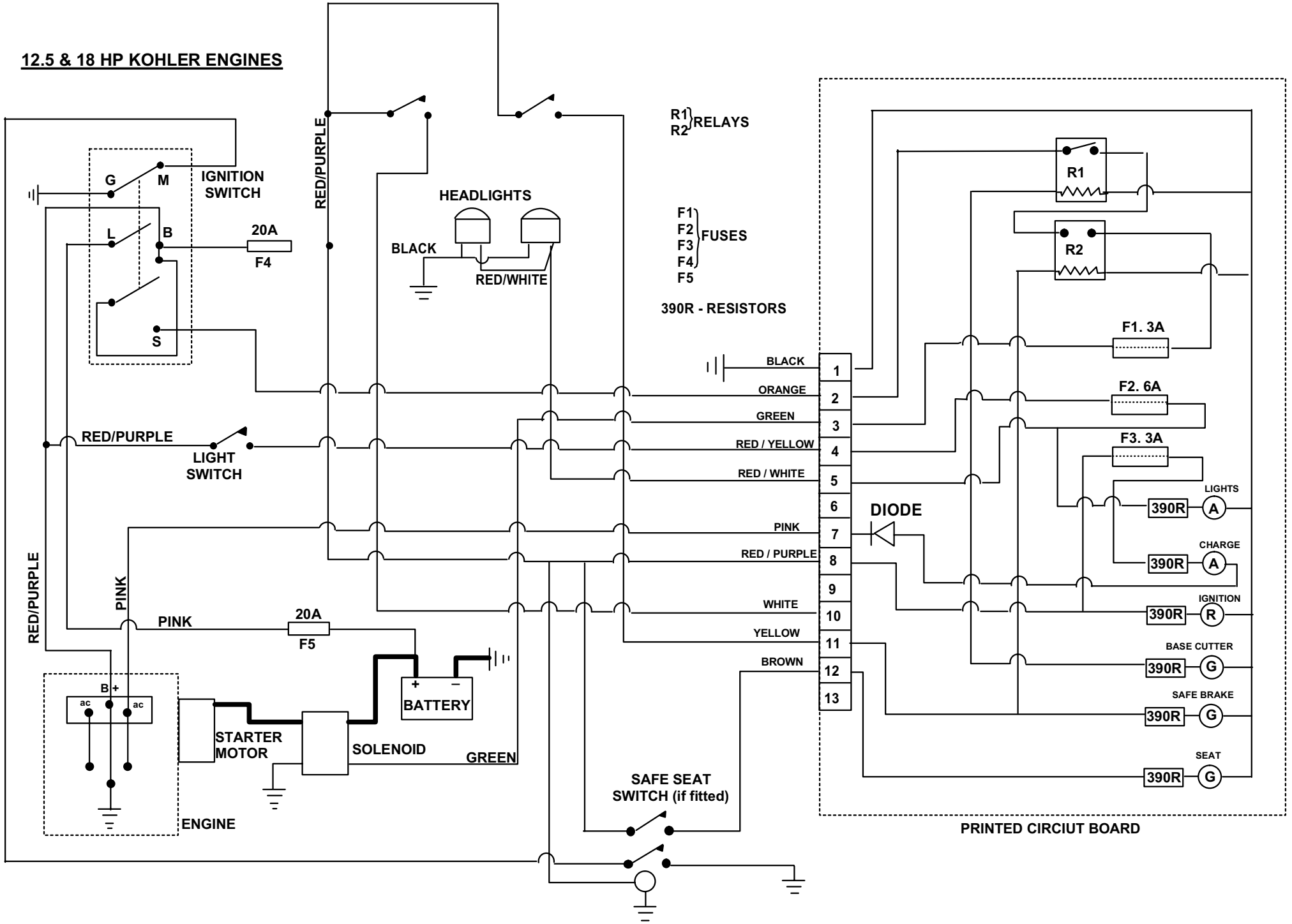
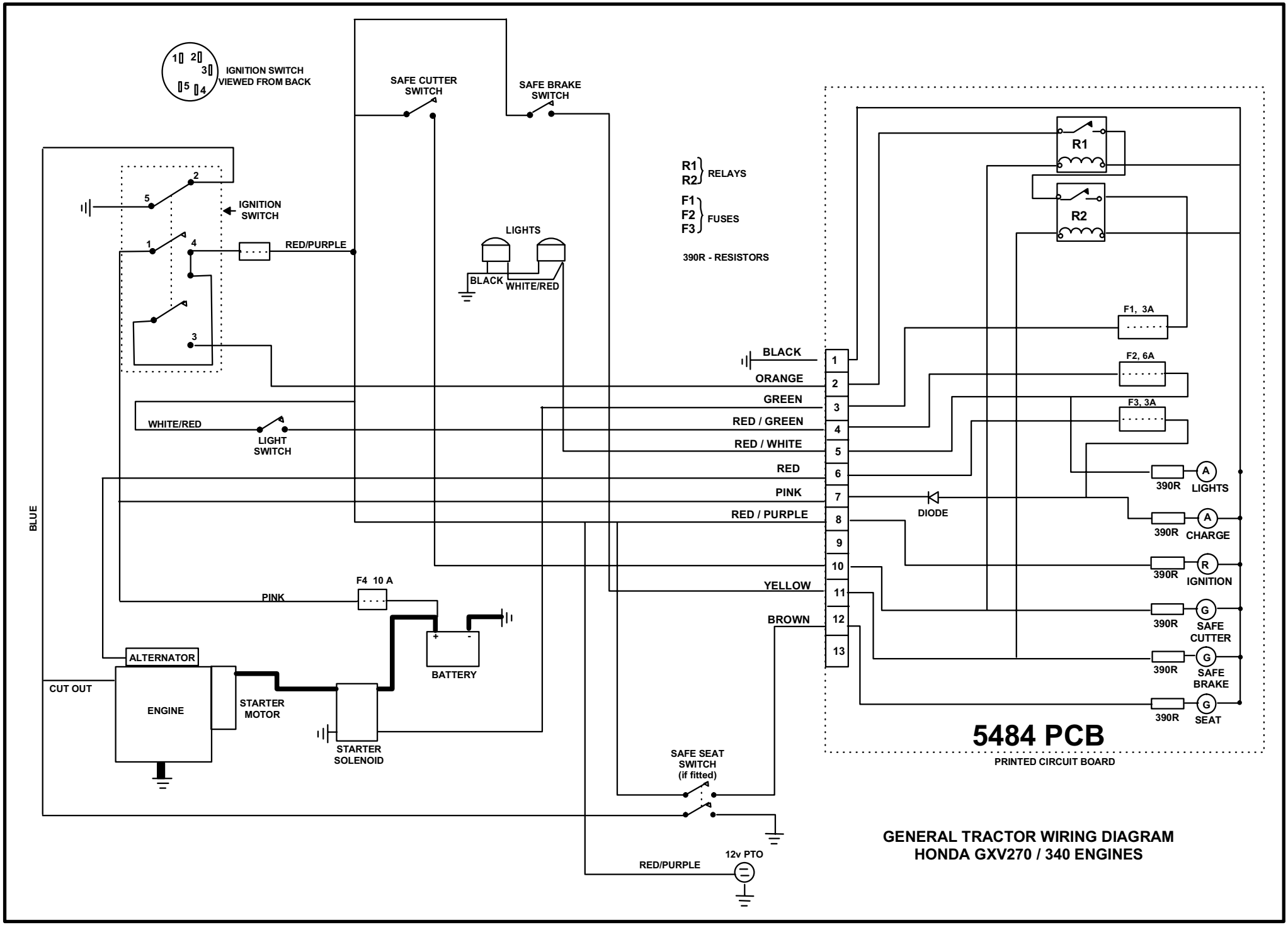


Diagram No.	Colour		Size	Description
	Main	Tracer		
1	Red	Black	1 mm	Ignition switch (Terminal B)/ Solenoid/Diode/Charge/Light
2	Red	Light Green	1 mm	Juntion Block/Diode/ Safe Brake Light Deck Cut-out
3	Red	Brown	1 mm	Juntion Block/Deck Cut-out Switch/Safe Cutter Light
4	Red	Blue	1 mm	Ignition Switch (Terminal S)/ Deck Cut-Out Switch/Brake Cut-Out Switch/Solenoid
6	Red	Yellow	1 mm	Ignition Switch (Terminal M) Ignition Light
7	Red	Green	1 mm	Junction Block/Ignition Light
8	Red	– –	1 mm	Alternator/Fuse/Charge/Light
9	Black	– –	1 mm	Ignition Switch (Terminal G)/ Engine Cut-Out
10	Black	1	1 mm	Solenoid Lights, Switches Head`lights etc/earth
11	Red	White	1 mm	Lights on-off Switch/ Headlights
12	Red	– –	6 mm	Battery (- Terminal) / Solenoid
13	Black	– –	6 mm	Battery (- Terminal) / Earth
14	Red	– –	6 mm	Solenoid / Starter
15	White	– –	1 mm	Alternator / Light on-off Switch
16	Red	– –	1 mm	Junction Block / Socket
17	Red	– –	1 mm	Ignition (Terminal L) / Junction Block

12.5 & 18 HP KOHLER ENGINES




IGNITION SWITCH VIEWED FROM BACK
SAFE CUTTER SWITCH
SAFE BRAKE SWITCH
R1
R2
RELAYS
F1
F2
F3
FUSES
390R - RESISTORS
IGNITION SWITCH
RED/PURPLE
LIGHTS
BLACK
WHITE/RED
F1, 3A
F2, 6A
F3, 3A
BLACK
ORANGE
GREEN
RED / GREEN
RED / WHITE
RED
PINK
RED / PURPLE
YELLOW
BROWN
WHITE/RED
LIGHT SWITCH
390R
LIGHTS
DIODE
CHARGE
IGNITION
SAFE CUTTER
SAFE BRAKE
SEAT
BLUE
F4 10 A
PINK
ALTERNATOR
CUT OUT
ENGINE
STARTER MOTOR
STARTER SOLENOID
BATTERY
SAFE SEAT SWITCH (if fitted)
12v PTO
RED/PURPLE
5484 PCB
PRINTED CIRCUIT BOARD
GENERAL TRACTOR WIRING DIAGRAM
HONDA GXV270 / 340 ENGINES

Electrical System

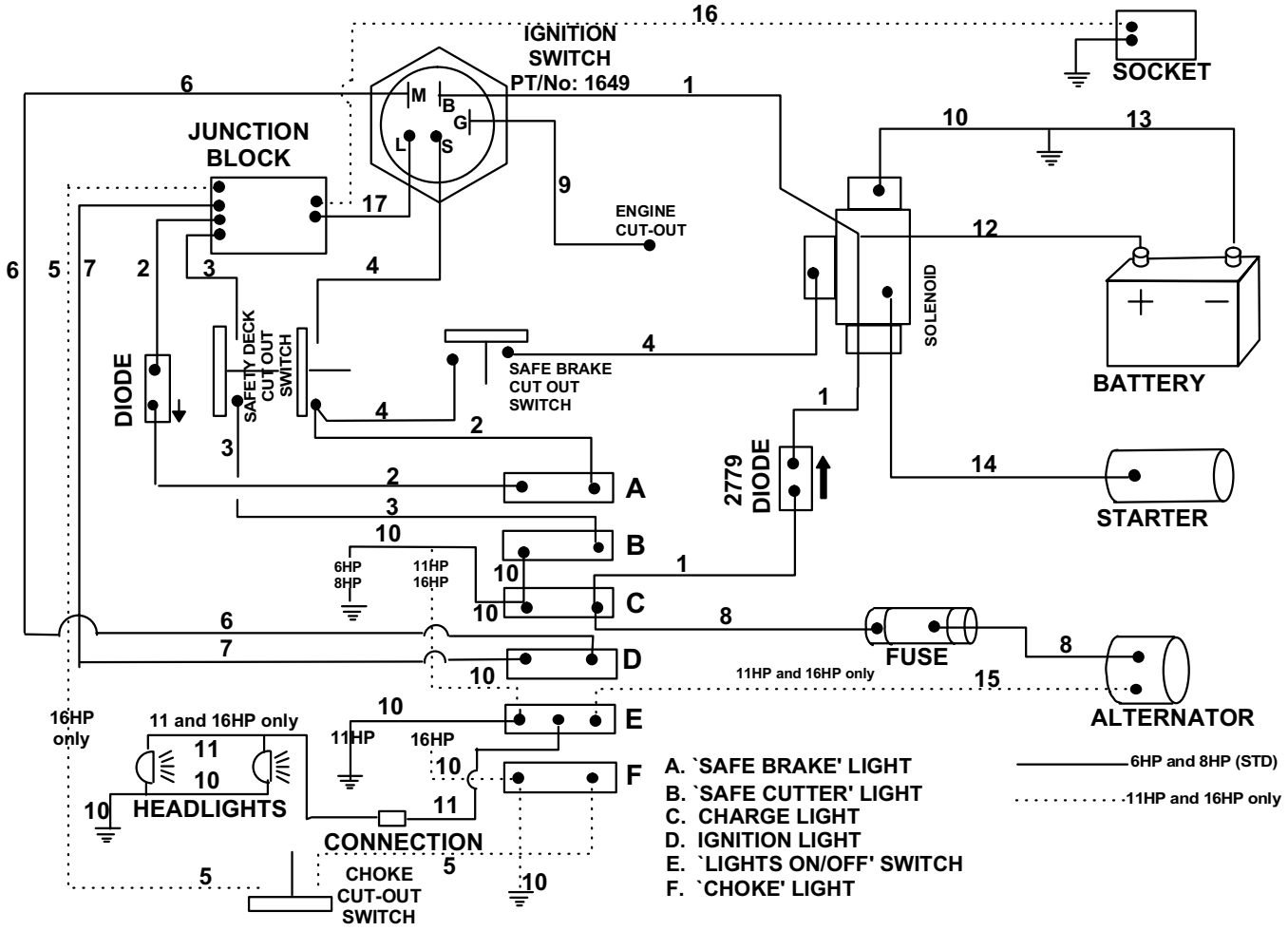
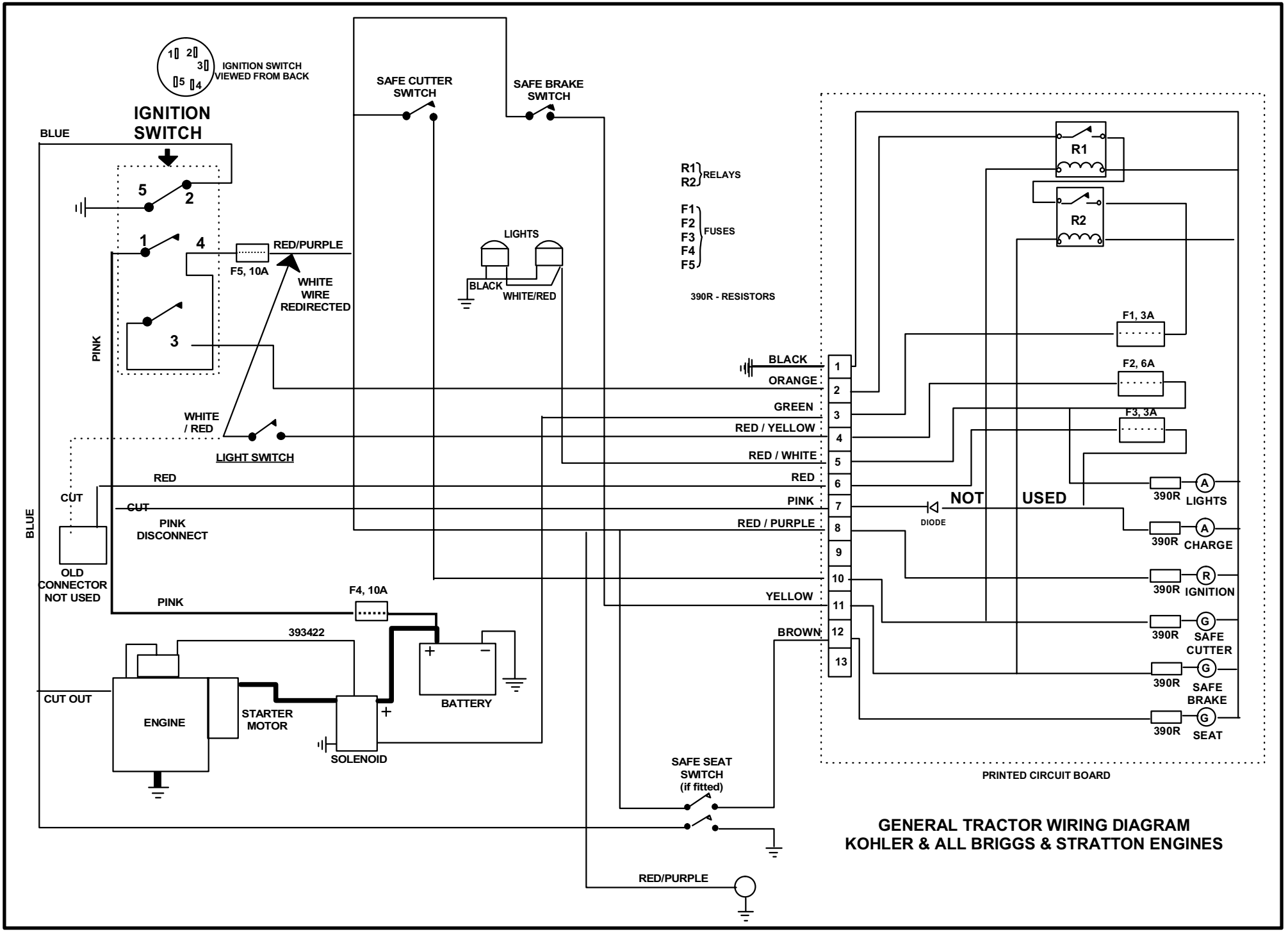


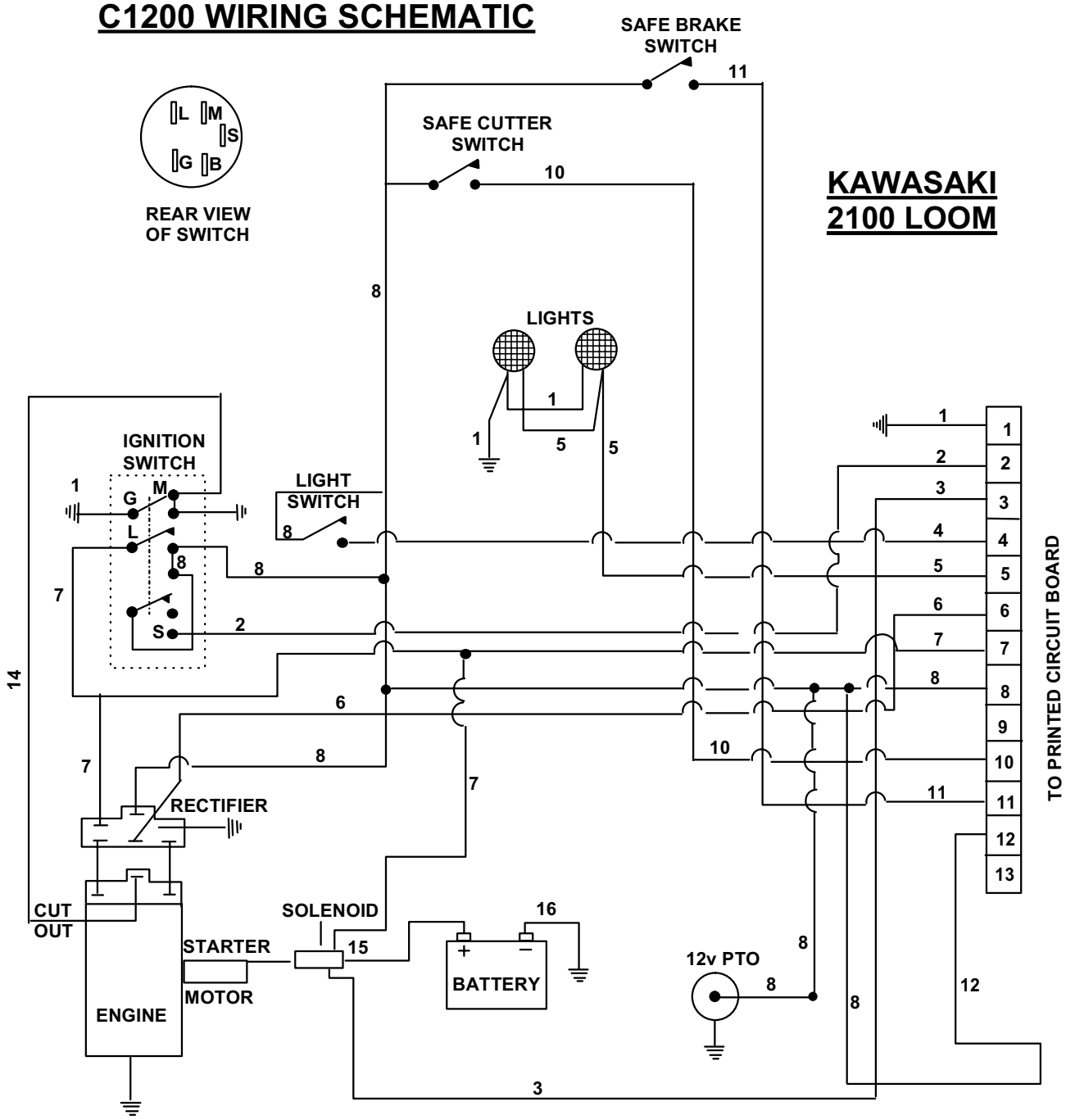
Diagram No.	Colour		Size	Description	6 hp	mini 8 hp	Std 8 hp	11 hp	16 hp
	Main	Tracer							
1	Red	Black	1 mm	Ignition switch (Terminal B)/ Solenoid/Diode/Charge on-off Switch					
2	Red	Light Green	1 mm	Juntion Block/Diode/ Safe Brake Light Deck Cut-out					
3	Red	Brown	1 mm	Juntion Block/Deck Cut-out Switch/Safe Cutter Light					
4	Red	Blue	1 mm	Ignition Switch (Terminal S)/ Deck Cut-Out Switch/Brake Cut-Out Switch/Solenoid					
5	Purple	Red	1 mm	Junction Block / Choke cut-out Switch / Choke Light	●	●	●	●	
6	Red	Yellow	1 mm	Ignition Switch (Terminal M) Ignition Light					
7	Red	Green	1 mm	Junction Block/Ignition Light					
8	Red	– –	1 mm	Alternator/Fuse/Charge on-off Switch					
9	Black	– –	1 mm	Ignition Switch (Terminal G)/ Engine Cut-Out					
10	Black	1	1 mm	Solenoid Lights, Switches Head`lights etc/earth					
11	Red	White	1 mm	Lights on-off Switch/ Headlights	●	●	●		
12	Red	– –	6 mm	Battery (- Terminal) / Solenoid					
13	Black	– –	6 mm	Battery (- Terminal) / Earth					
14	Red	– –	6 mm	Solenoid / Starter					
15	White	– –	1 mm	Alternator / Light on-off Switch	●	●	●		
16	Red	– –	1 mm	Junction Block / Socket	●	●			
17	Red	– –	1 mm	Ignition (Terminal L) / Junction Block					

Table2. Electrical Wiring System Identification

● Not fitted on these models

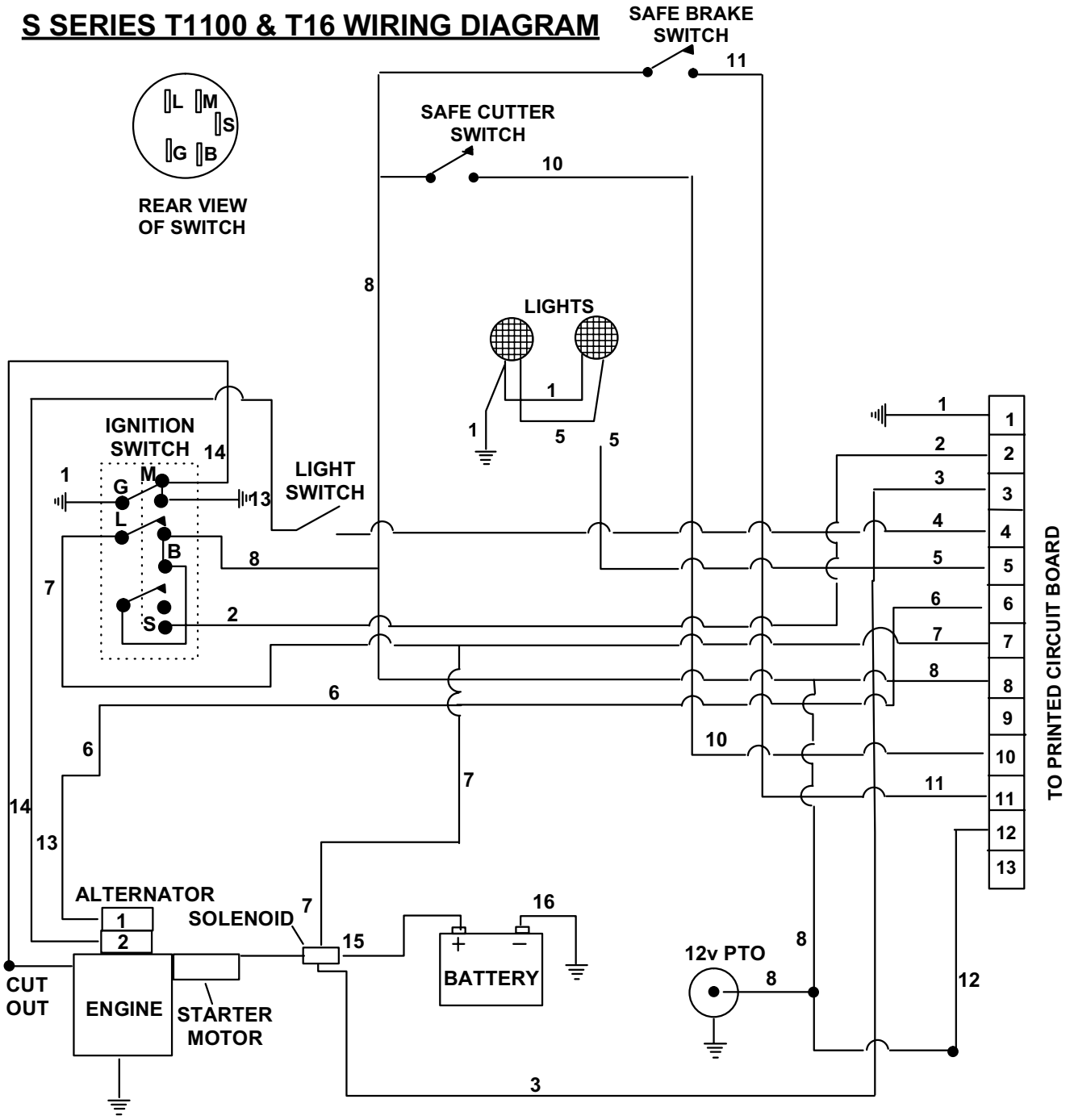

IGNITION SWITCH VIEWED FROM BACK
IGNITION SWITCH
SAFE CUTTER SWITCH
SAFE BRAKE SWITCH
R1 R2 RELAYS
F1 F2 F3 F4 F5 FUSES
390R - RESISTORS
BLUE
RED/PURPLE
F5, 10A
WHITE WIRE REDIRECTED
LIGHTS
BLACK
WHITE/RED
PINK
WHITE / RED
LIGHT SWITCH
CUT
RED
CUT
PINK DISCONNECT
OLD CONNECTOR NOT USED
PINK
F4, 10A
393422
CUT OUT
ENGINE
STARTER MOTOR
SOLENOID
BATTERY
SAFE SEAT SWITCH (if fitted)
RED/PURPLE
BLACK
ORANGE
GREEN
RED / YELLOW
RED / WHITE
RED
PINK
RED / PURPLE
YELLOW
BROWN
1
2
3
4
5
6
7
8
9
10
11
12
13
R1
R2
F1, 3A
F2, 6A
F3, 3A
NOT USED
DIODE
390R LIGHTS
390R CHARGE
390R IGNITION
390R SAFE CUTTER
390R SAFE BRAKE
390R SEAT
PRINTED CIRCUIT BOARD
GENERAL TRACTOR WIRING DIAGRAM
KOHLER & ALL BRIGGS & STRATTON ENGINES

C1200 WIRING SCHEMATIC



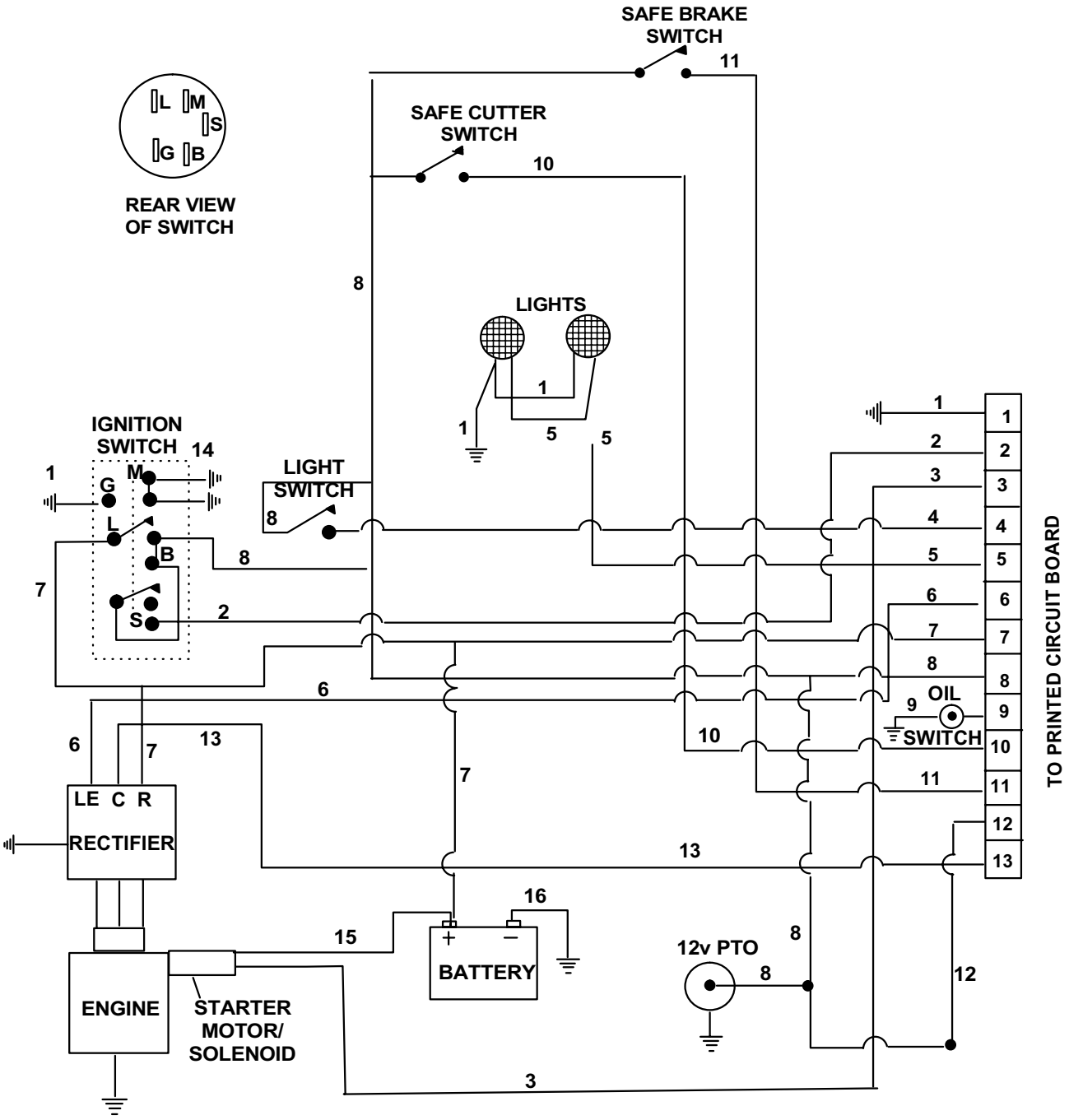
CODE NUMBER	COLOUR		SIZE	CODE NUMBER	COLOUR		SIZE
	MAIN	TRACER			MAIN	TRACER	
1	BLACK	——	2mm	11	YELLOW	——	2mm
2	ORANGE	——	—"—	12	BROWN	——	—"—
3	GREEN	——	—"—				
4	RED	GREEN	—"—	14	BLUE	——	—"—
5	RED	WHITE	—"—	15	RED	——	7mm
6	RED	——	—"—	16	BLACK	——	—"—
7	PINK	——	—"—				
8	RED	PURPLE	—"—				
10	WHITE	——	—"—				

S SERIES T1100 & T16 WIRING DIAGRAM



CODE NUMBER	COLOUR		SIZE	CODE NUMBER	COLOUR		SIZE
	MAIN	TRACER			MAIN	TRACER	
1	BLACK	——	2mm	11	YELLOW	——	2mm
2	ORANGE	——	—"—	12	BROWN	——	—"—
3	GREEN	——	—"—	13	WHITE	RED	—"—
4	RED	GREEN	—"—	14	BLUE	——	—"—
5	RED	WHITE	—"—	15	RED	——	7mm
6	RED	——	—"—	16	BLACK	——	—"—
7	PINK	——	—"—				
8	RED	PURPLE	—"—				
10	WHITE	——	—"—				

T1200 WIRING SCHEMATIC



CODE NUMBER	COLOUR		SIZE	CODE NUMBER	COLOUR		SIZE
	MAIN	TRACER			MAIN	TRACER	
1	BLACK	——	2mm	11	YELLOW	——	2mm
2	ORANGE	——	—ıı—	12	BROWN	——	—ıı—
3	GREEN	——	—ıı—	13	WHITE	BLACK	—ıı—
4	RED	GREEN	—ıı—	14	BLUE	——	—ıı—
5	RED	WHITE	—ıı—	15	RED	——	7mm
6	RED	——	—ıı—	16	BLACK	——	—ıı—
7	PINK	——	—ıı—				
8	RED	PURPLE	—ıı—				
9	GREY	——	—ıı—				
10	WHITE	——	—ıı—				

Westwood technical information

INSTRUCTIONS FOR CONVERTING BRAKE SAFETY SWITCH FROM DOUBLE SWITCH TO SINGLE SWITCH

1. Remove the 2 green / red wires from the brake safety switch, and fit from the brake light to the deck safety switch, joined to blue / red from the brake safety switch.

2. Remove and discard the black earth wire from the brake light and replace with the light green and red wire with diode attached from brake light to junction block.

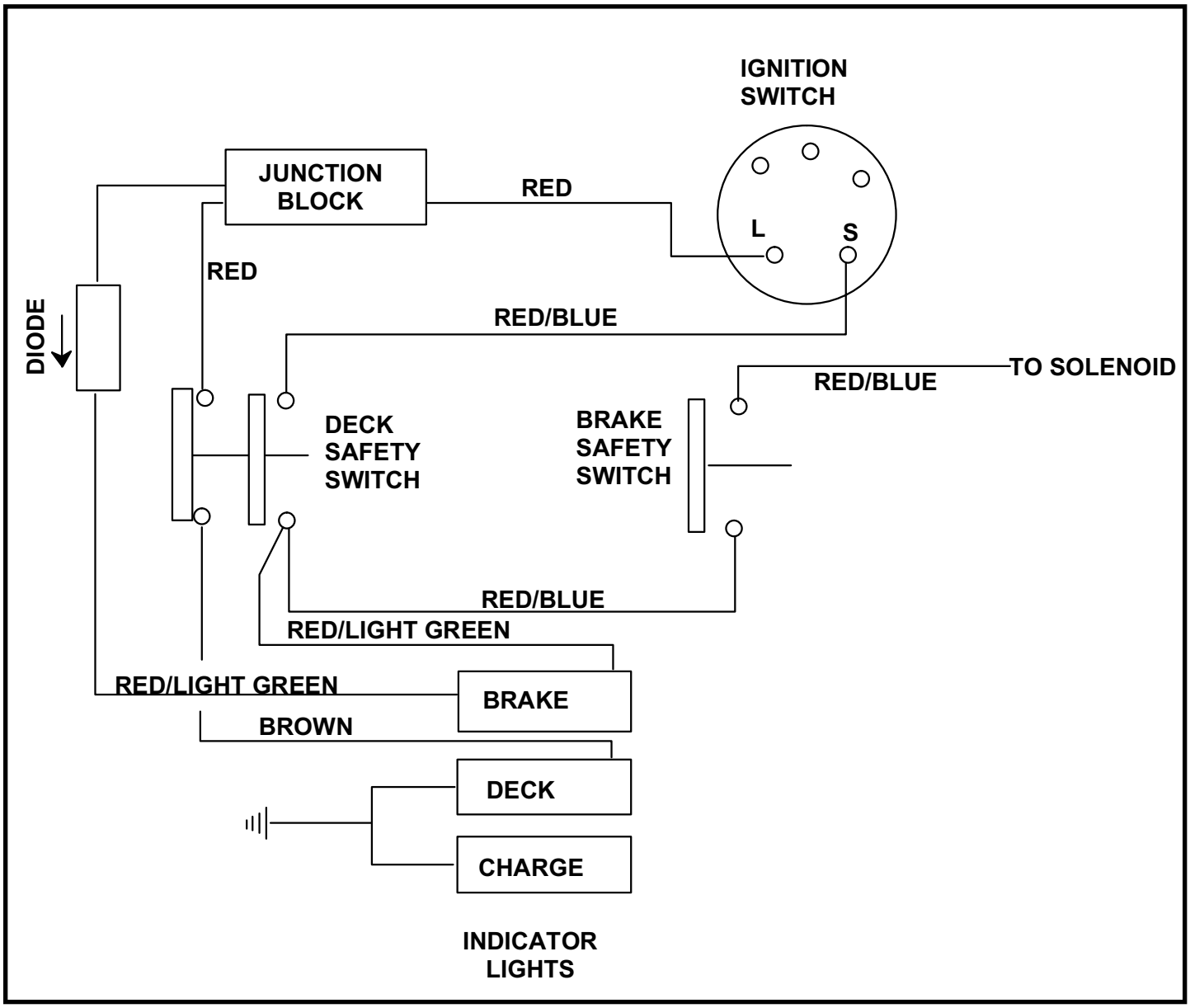


FIG (2)

PETROL PRINTED CIRCUIT BOARD

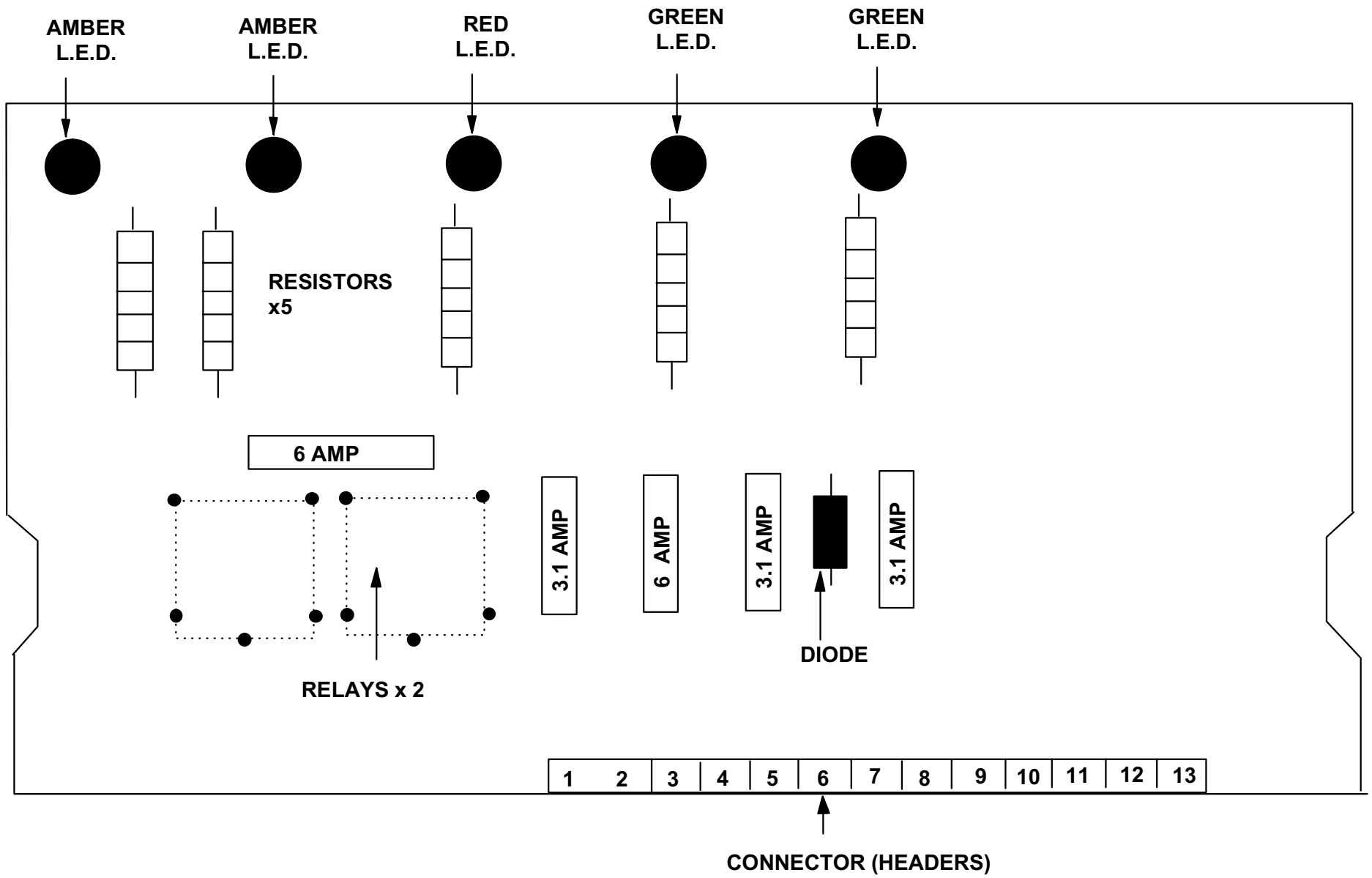
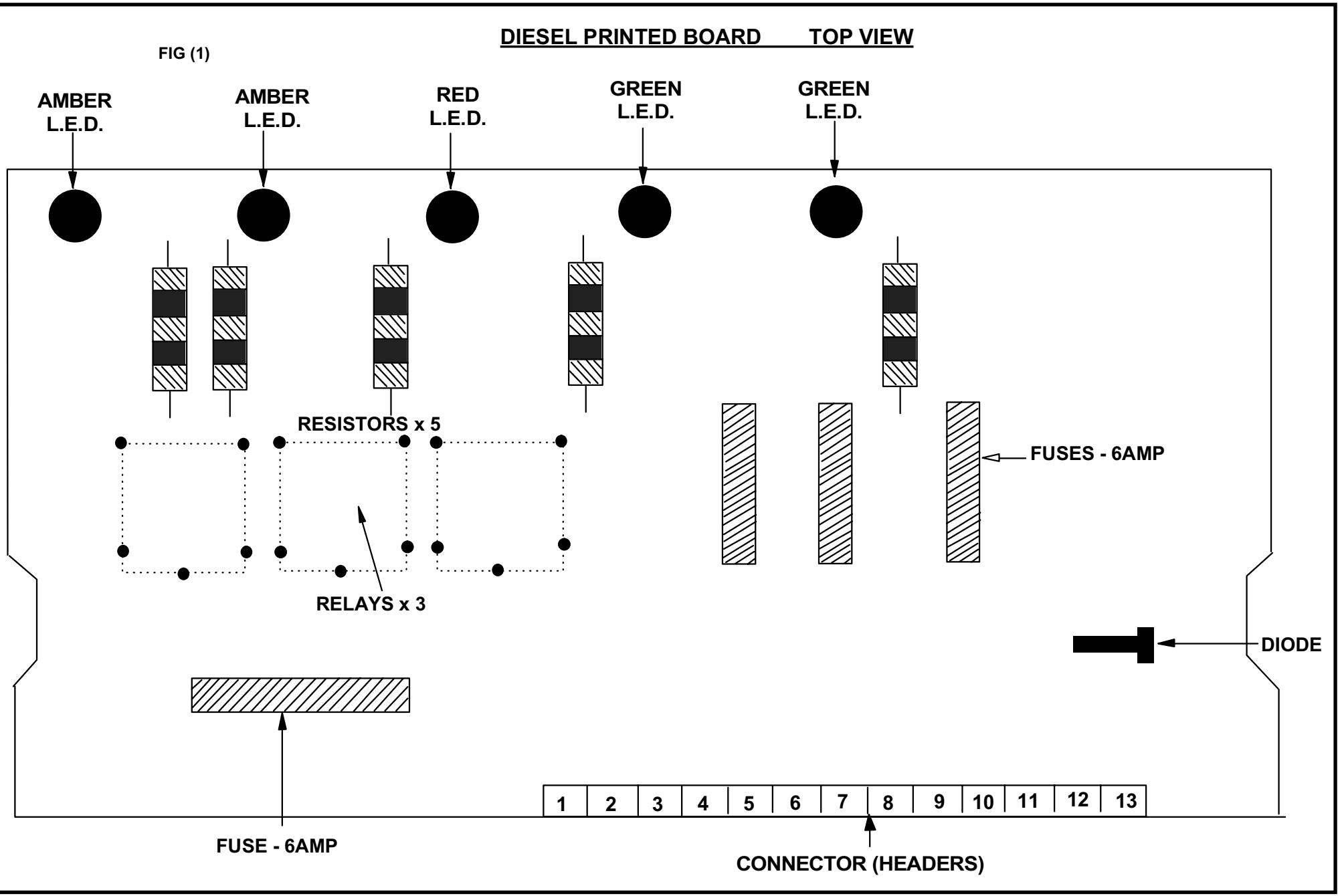


FIG (1)

DIESEL PRINTED BOARD TOP VIEW



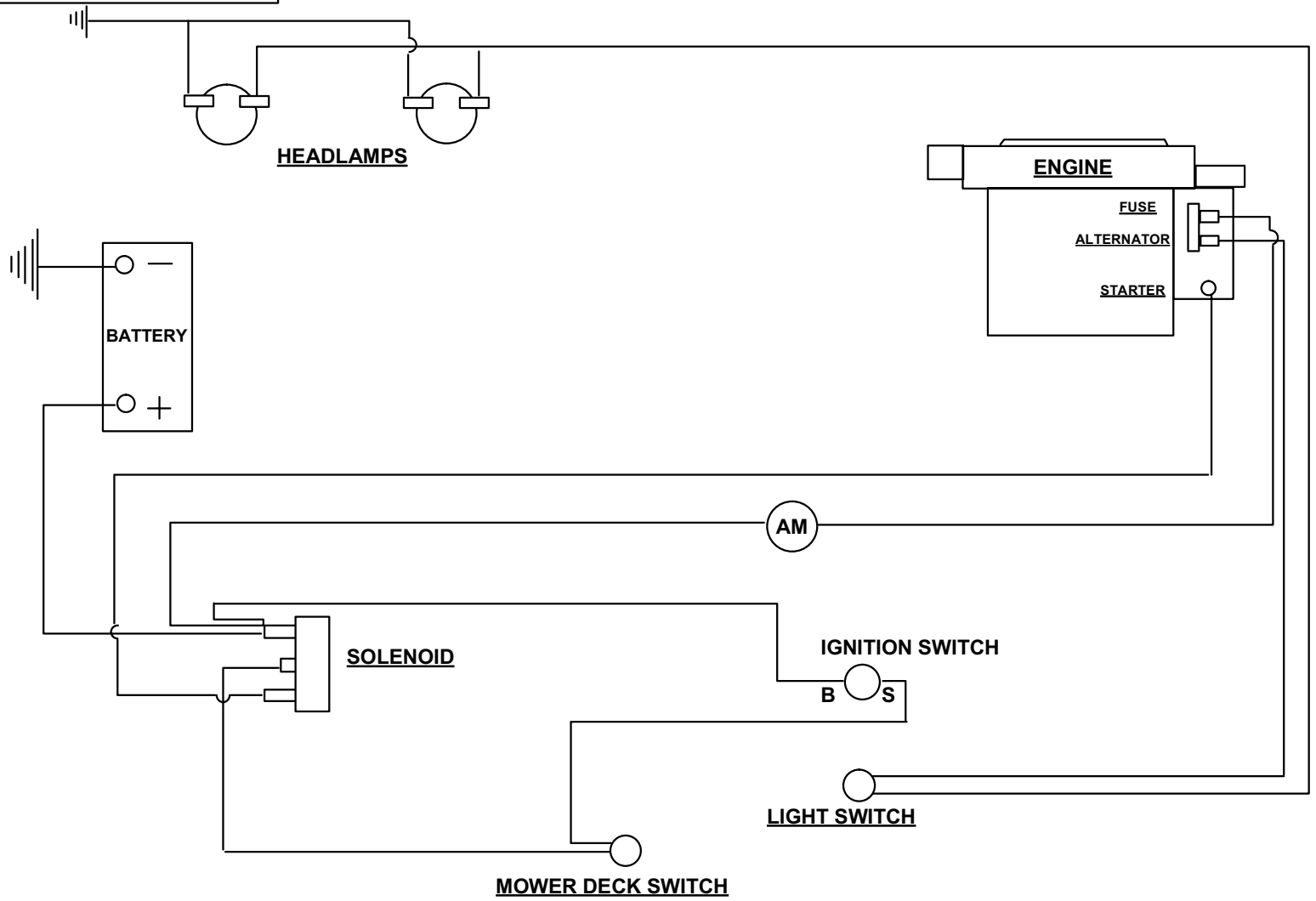
DIESEL P/C BOARD PLUG WIRES

1 - BLACK
2 - ORANGE
3 - GREEN
4 - RED / GREEN
5 - RED / WHITE
6 - RED
7 - PINK
8 - RED / PURPLE
9 - GREY
10 - WHITE
11 - YELLOW
12 - BROWN
13 - WHITE / BLACK

DO NOT SCALE

WESTWOOD ENGINEERING LTD

DATE	MODIFICATION	ISS



SCALE:-

TOLLERANCES:-
FRACTIONS ± 1/64"
2 PLACE DEC. ± .010
3 PLACE DEC. ± .005

MATERIALS:- _____

FINISH:- _____

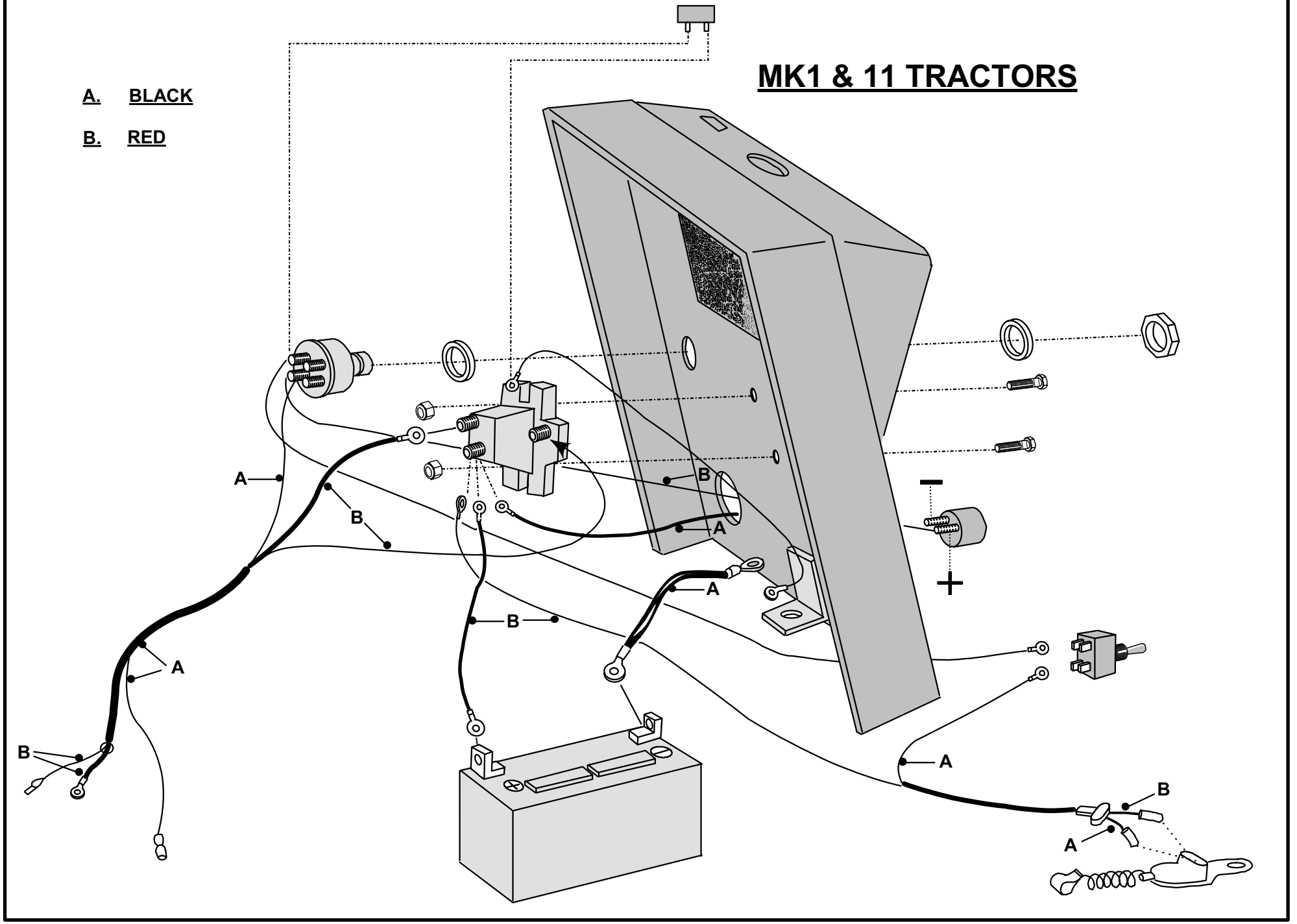
TITLE:-
WIRING DIAGRAM MK I & II TRACTORS

DRAWN:-	DATE:-	CHKD:-	DATE:-	DRG PART /No

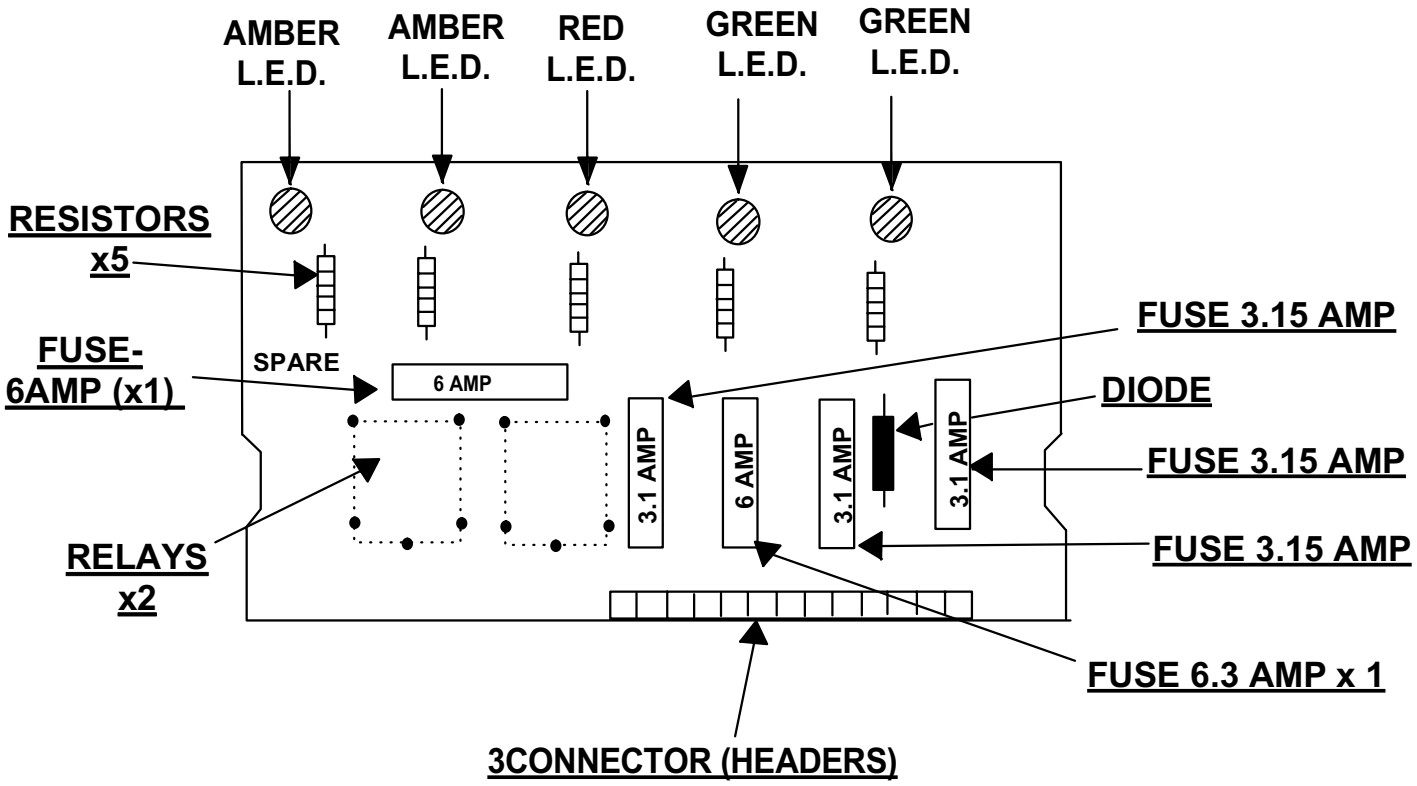
MK1 & 11 TRACTORS

A. BLACK

B. RED



PETROL P.C. BOARD



DIESEL PRINTED BOARD TOP VIEW