

WIRING DIAGRAMS

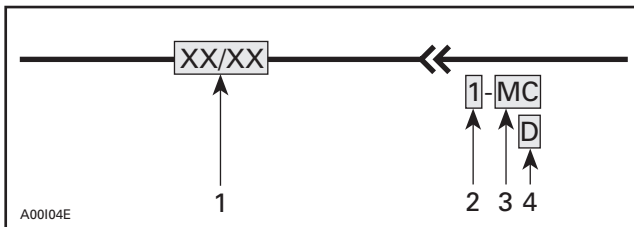
MODELS	WIRING DIAGRAM PAGE	HEADLIGHT (watt)	TAILLIGHT (watt)	ELECTRICAL SYSTEM OUTPUT (watt)
Grand Touring 600	Annex 1	60/55 hal.	8/27	290
MX Z 500/500 (SB)/600/700 Formula Z 600/700	Annex 2	60/55 hal.	8/27	290
Formula DLX 600/700	Annex 3	60/55 hal.	8/27	290
MX Z 600 (DPM)/700 (DPM) Summit 600/600 (SB)/700/ 700 (SB)/700 H.M.	Annex 4	60/55 hal.	8/27	290

hal. = halogen

WIRING DIAGRAM LEGEND

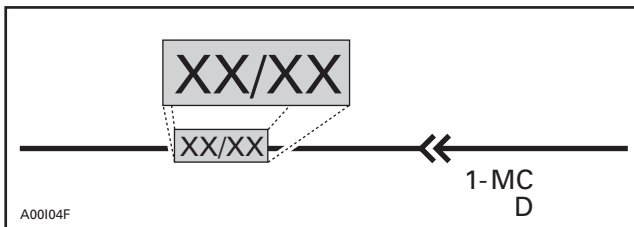
⚠ WARNING

Ensure all terminals are properly crimped on the wires and all connector housings are properly fastened.



1. Wire colors
2. Connector housing area
3. Housing number per area
4. Wire connector location in housing

WIRE COLORS

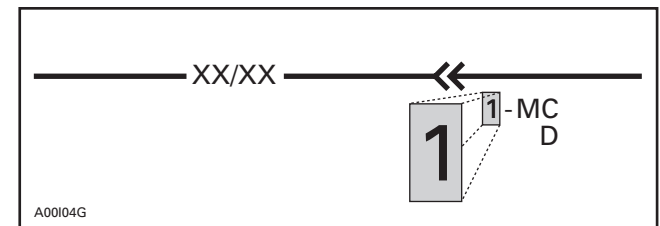


The first color of a wire is the main color, second color is the stripe.

Example: YL/BK is a YELLOW wire with a BLACK stripe.

COLOR CODE					
BE	–	BEIGE	OR	–	ORANGE
BK	–	BLACK	RD	–	RED
BL	–	BLUE	VI	–	VIOLET
BR	–	BROWN	WH	–	WHITE
GN	–	GREEN	YL	–	YELLOW
GY	–	GREY			

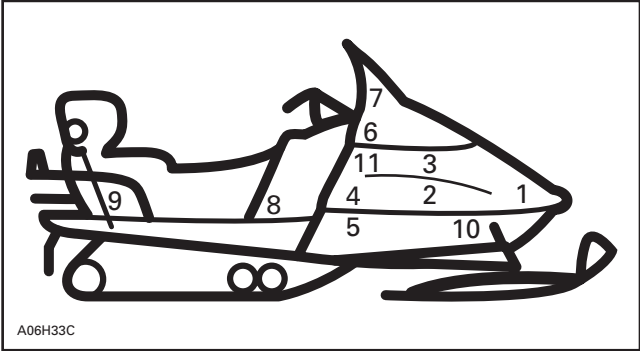
CONNECTOR HOUSING AREA



Section 11

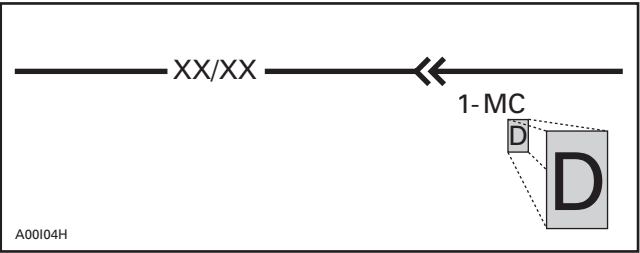
WIRING DIAGRAMS

Subsection 01 (WIRING DIAGRAMS)



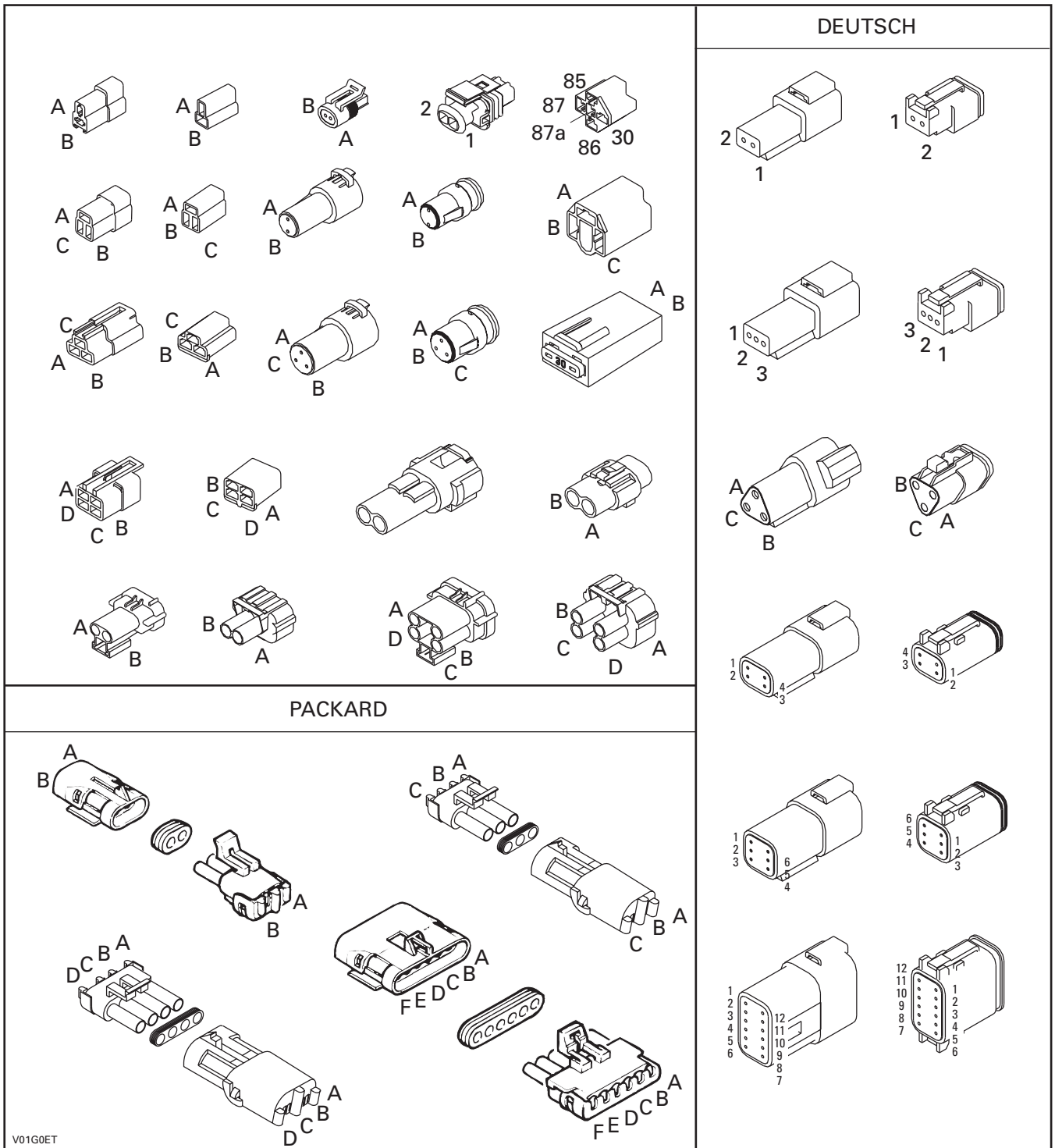
AREA	LOCATION
1	Front of engine compartment
2	Magneto
3	Carburetors
4	Near of intake silencer
5	Near driven pulley
6	Under console
7	Under hood
8	Near fuel tank
9	Rear of seat
10	Under engine
11	On injection oil reservoir

CONNECTOR LOCATION IN HOUSING



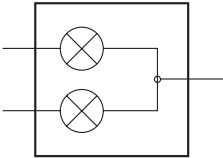


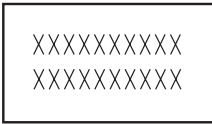
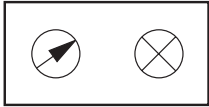

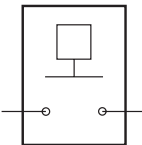
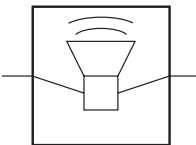
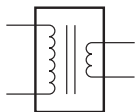
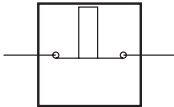
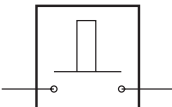




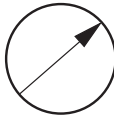
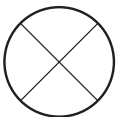
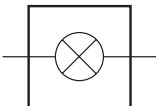
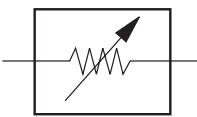
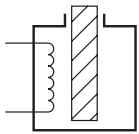

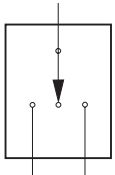
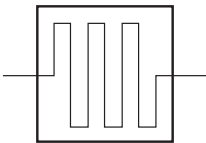
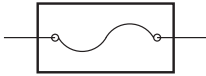

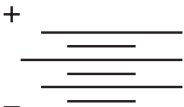
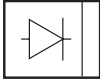

Section 11 WIRING DIAGRAMS

Subsection 01 (WIRING DIAGRAMS)



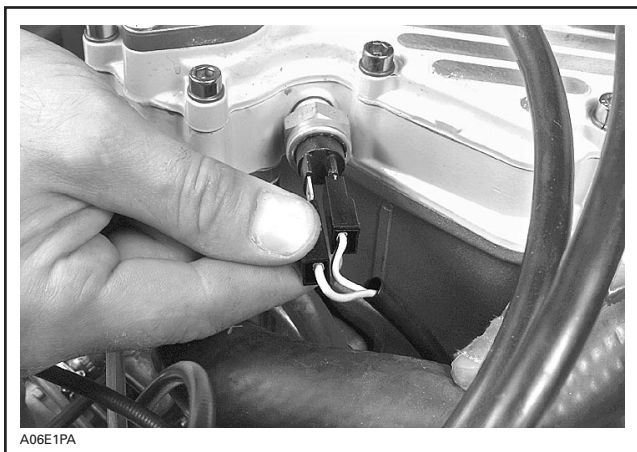
Section 11 WIRING DIAGRAMS
Subsection 01 (WIRING DIAGRAMS)

SYMBOLS DESCRIPTION

<p>Beam and tail light</p> 	<p>Female terminal</p> 	<p>Male terminal</p> 	<p>Electronic module</p> 
<p>Meter</p> 	<p>Electric motor</p> 	<p>Low level sensor</p> 	<p>Buzzer</p> 
<p>Ignition coil</p> 	<p>Normally close switch</p> 	<p>Normally open switch</p> 	<p>Male terminal on instrument</p> 
<p>Engine ground</p> 	<p>Frame ground</p> 	<p>Spark plug</p> 	<p>Meter movement</p> 
<p>Bulb</p> 	<p>Pilot</p> 	<p>Analog sensor</p> 	<p>Solenoid valve</p> 
<p>Magneto (Delta)</p> 	<p>3 position switch</p> 	<p>Heating element</p> 	<p>Fuse</p> 
<p>Trigger coil</p> 	<p>Battery</p> 	<p>Diode</p> 	<p>Partially illustrated component</p> 

UNPLUGGING CONNECTORS

Always unplug connectors by pulling on housing not on wire.

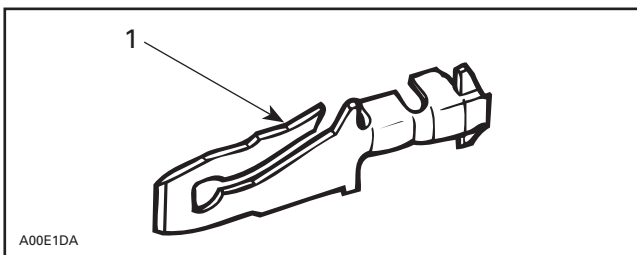


TYPICAL

TAB AND RECEPTACLE CONNECTORS REMOVAL

Tab Connector

It is locked in its housing by a spring tab on its side. Removal is done by squeezing this tab.

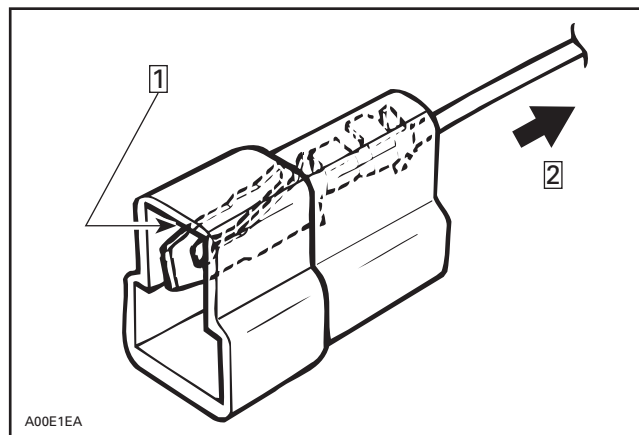


TAB CONNECTOR

1. Locking tab

To remove:

- Insert a screwdriver or Snap-on TT 600-5 from opposite side of wire and pry locking tab.
- While holding locking tab pried, pull connector toward wire side.



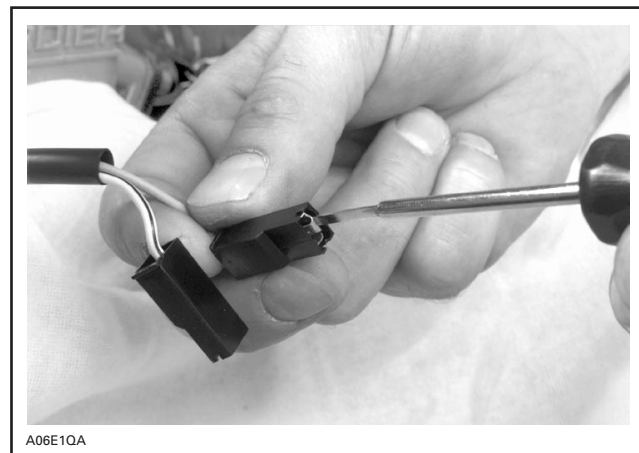
Step 1: Insert screwdriver here

Step 2: Pull this side

Locking Receptacle Connector

To remove:

- Insert tool Snap-on TT 600-5 in access opening then pull housing toward wire side.



Section 11 WIRING DIAGRAMS

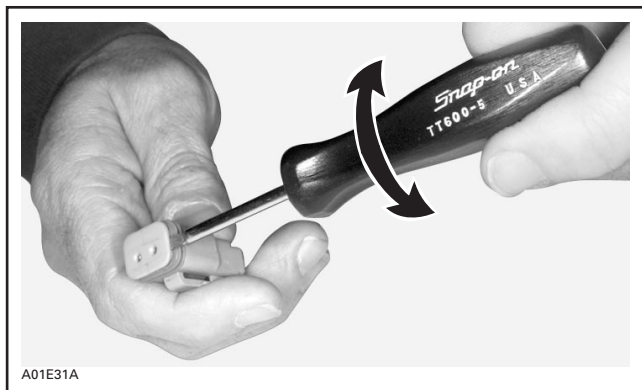
Subsection 01 (WIRING DIAGRAMS)

Waterproof Connector Housing

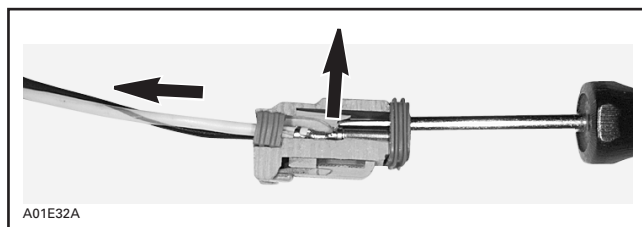
Female Connector Housing

To remove:

- Insert tool Snap-on TT 600-5 under lock and twist to lift it.



- Pry tab to free connector then pull wire out of housing.

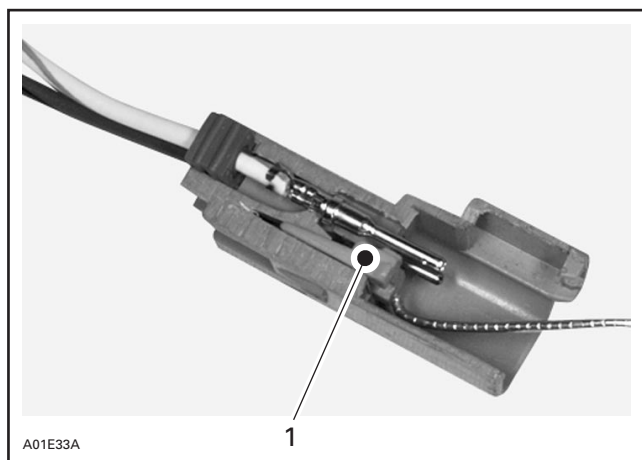


FEMALE CONNECTOR HOUSING — CUT-AWAY

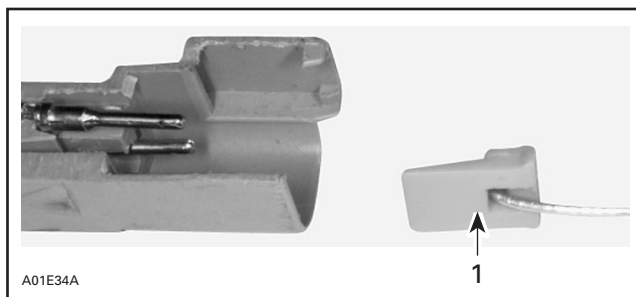
Male Connector Housing

To remove:

- Using a small hook, pull out the lock.

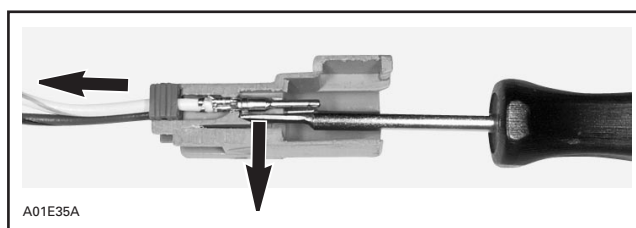


1. Lock



1. Lock

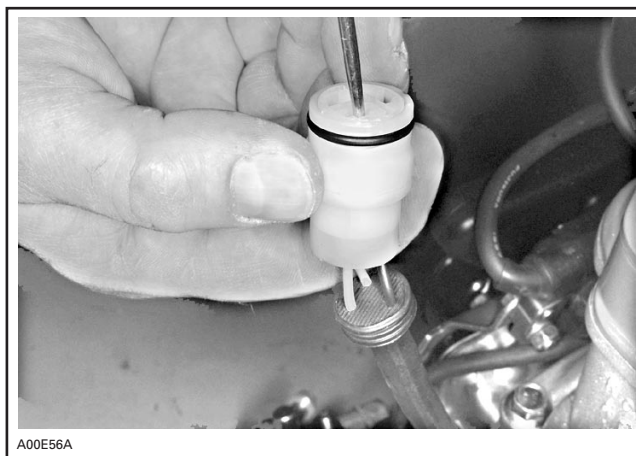
- Pry tab to free connector then pull wire out of housing.



MALE CONNECTOR HOUSING — CUT-AWAY

Round Connector Housing

Female Connector Housing



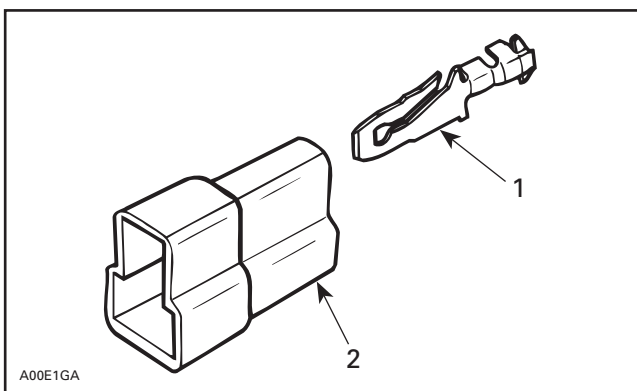
Male Connector Housing



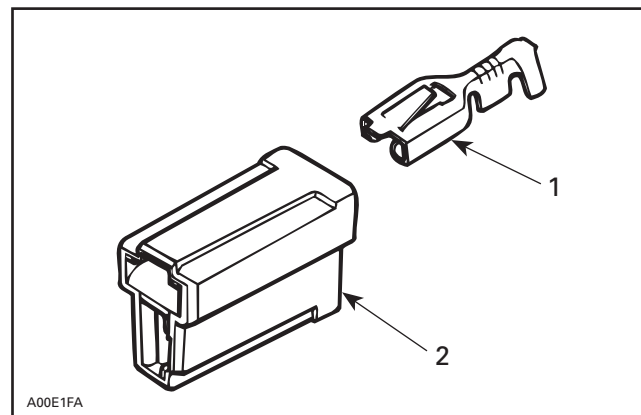
TAB AND RECEPTACLE CONNECTORS INSTALLATION

Prior to installing, make sure locking tab is sufficiently lifted to properly lock.

Insert tab and receptacle connectors in their respective housings as shown in following illustrations. Push sufficiently so that they snap. Try pulling wire to ensure they are properly locked.



1. Tab
2. Housing



TYPICAL

1. Receptacle
2. Housing

ACCESSORIES INSTALLATION

On all **electric start models**: The direct current (DC) utilizes the snowmobile frame as ground "wire" while all alternating current (AC) consumers (lights, heated grips, fuel gauge, etc.) utilize a separate ground wire.

Never interconnect AC and DC grounds as an AC voltage drop will result. When installing accessories on **any** snowmobile, connect their wires directly to the YELLOW and YELLOW/BLACK lighting coil wires.

Even if **manual start models** have an AC ground to the chassis (on voltage regulator), all accessories utilize a ground wire isolated from chassis. When an electric starter kit is installed, the voltage regulator and its ground wire are replaced by a voltage rectifier/regulator unit permitting a completely isolated AC circuit.

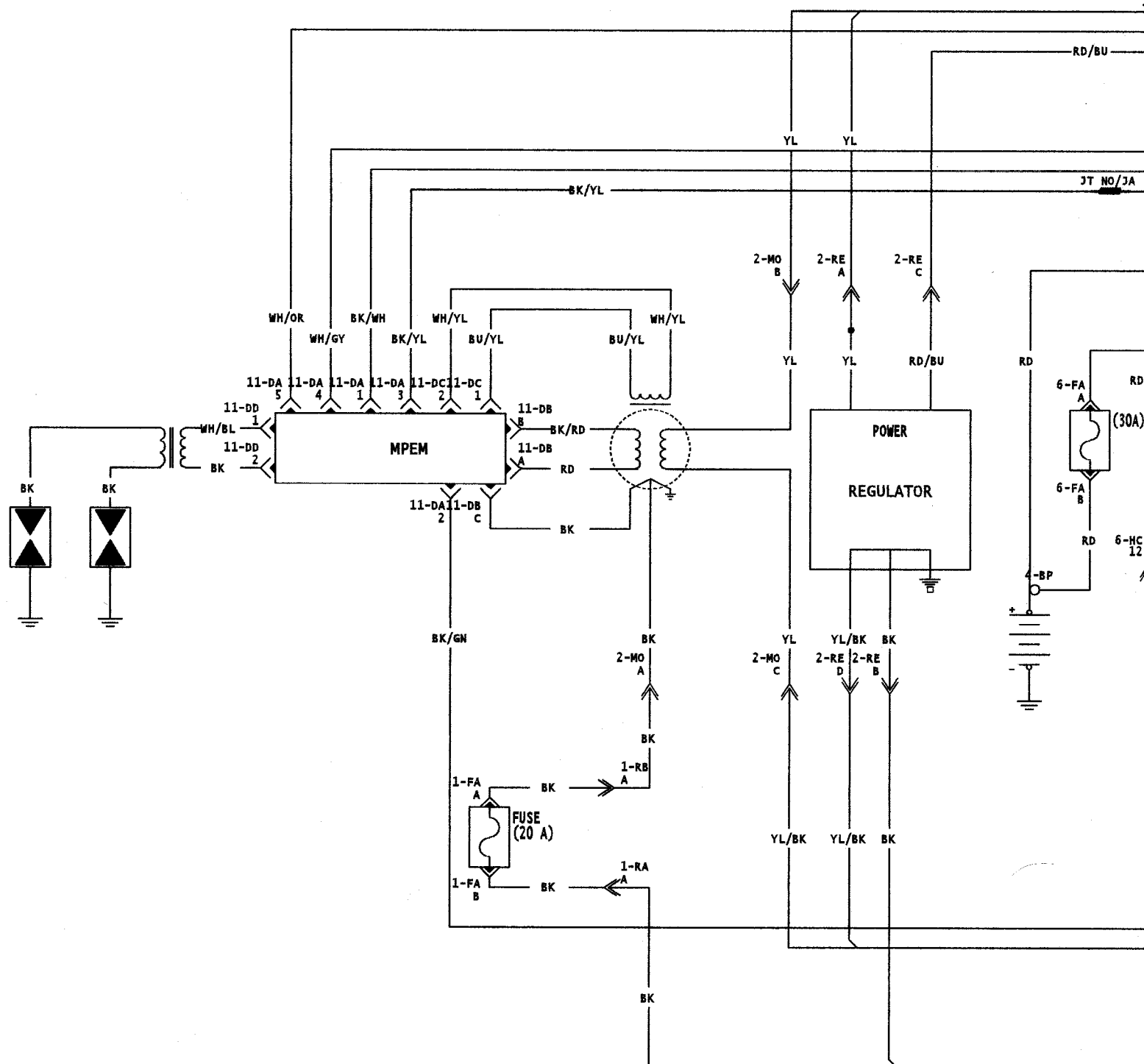
WARNING

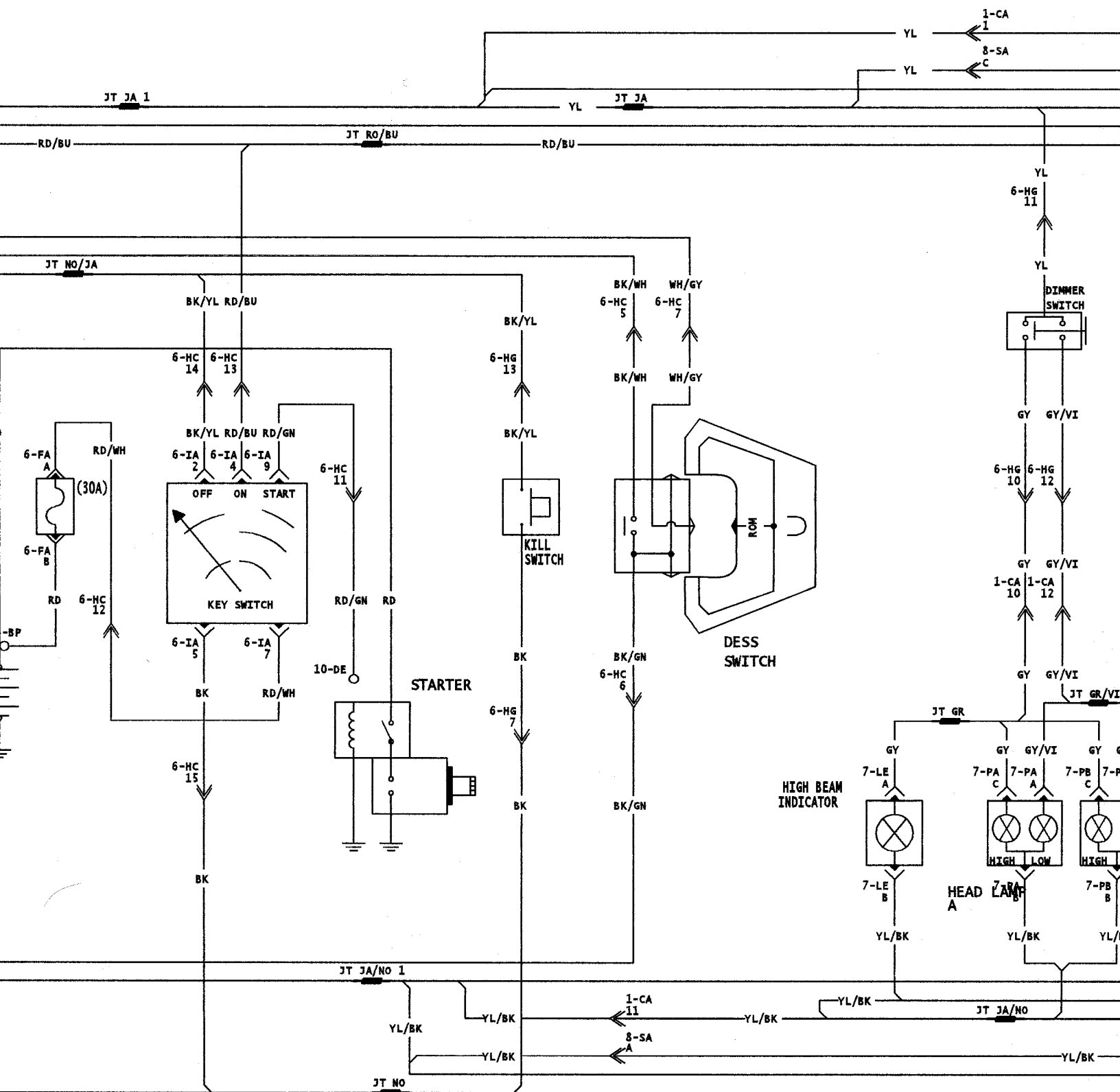
Keep wires away from any rotating, moving, heating, vibrating or sharp edge. Use proper fastening devices as required.

ANNEX 1

GRAND TOURING 600

2000 GRAND TOURING 600

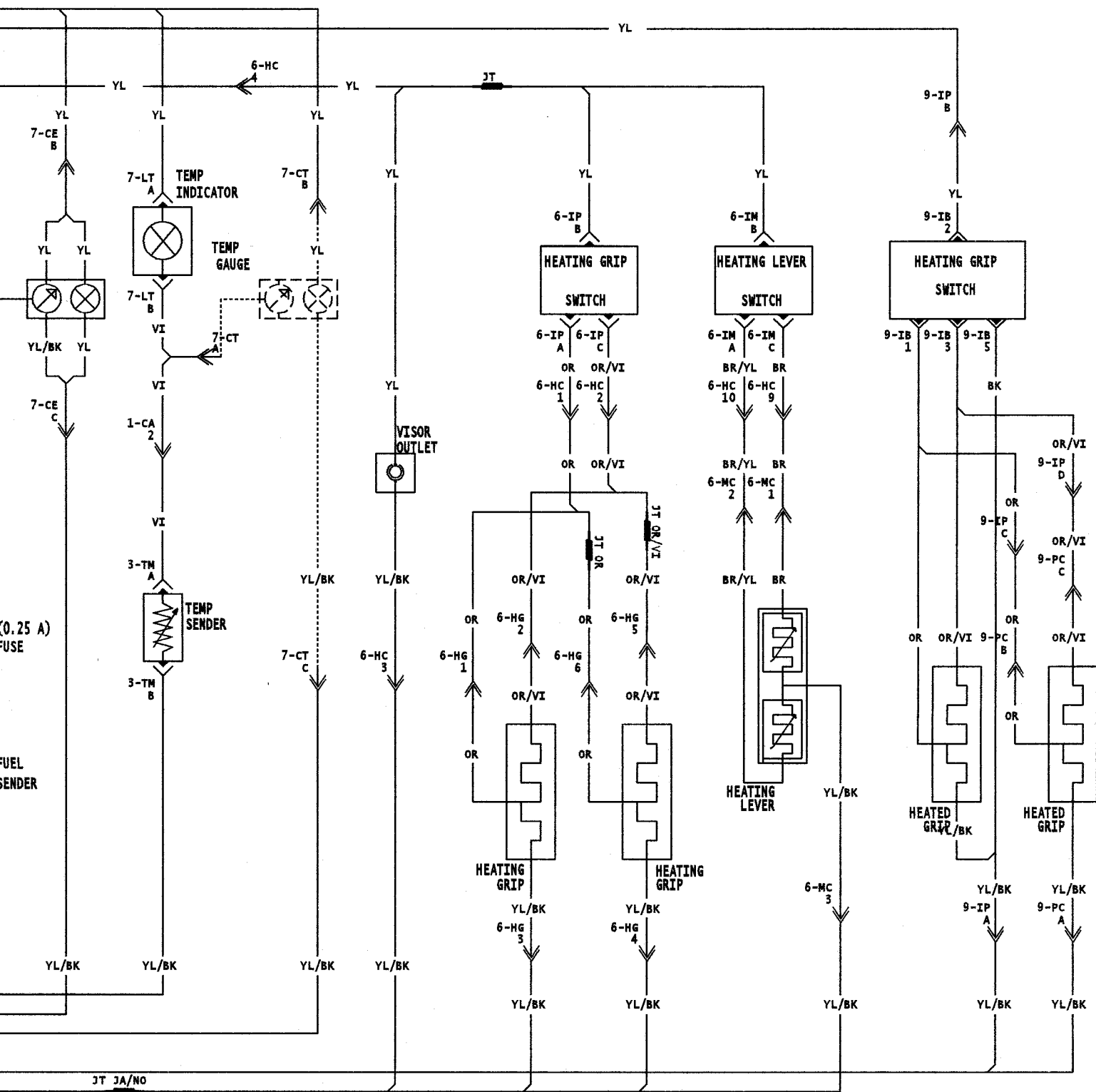




STARTER AND IGNITION SWITCHES

LIGHTING

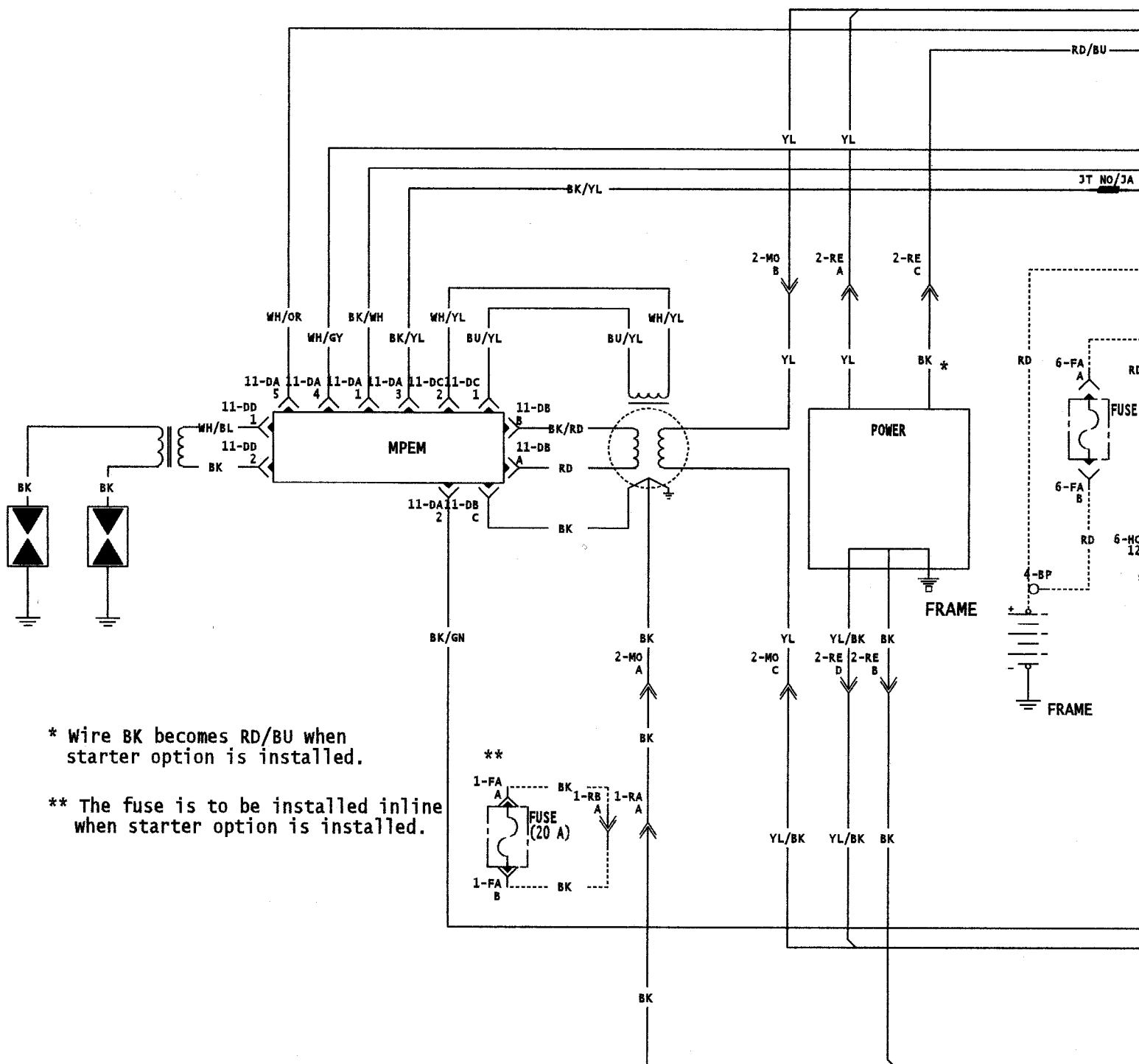




ANNEX 2

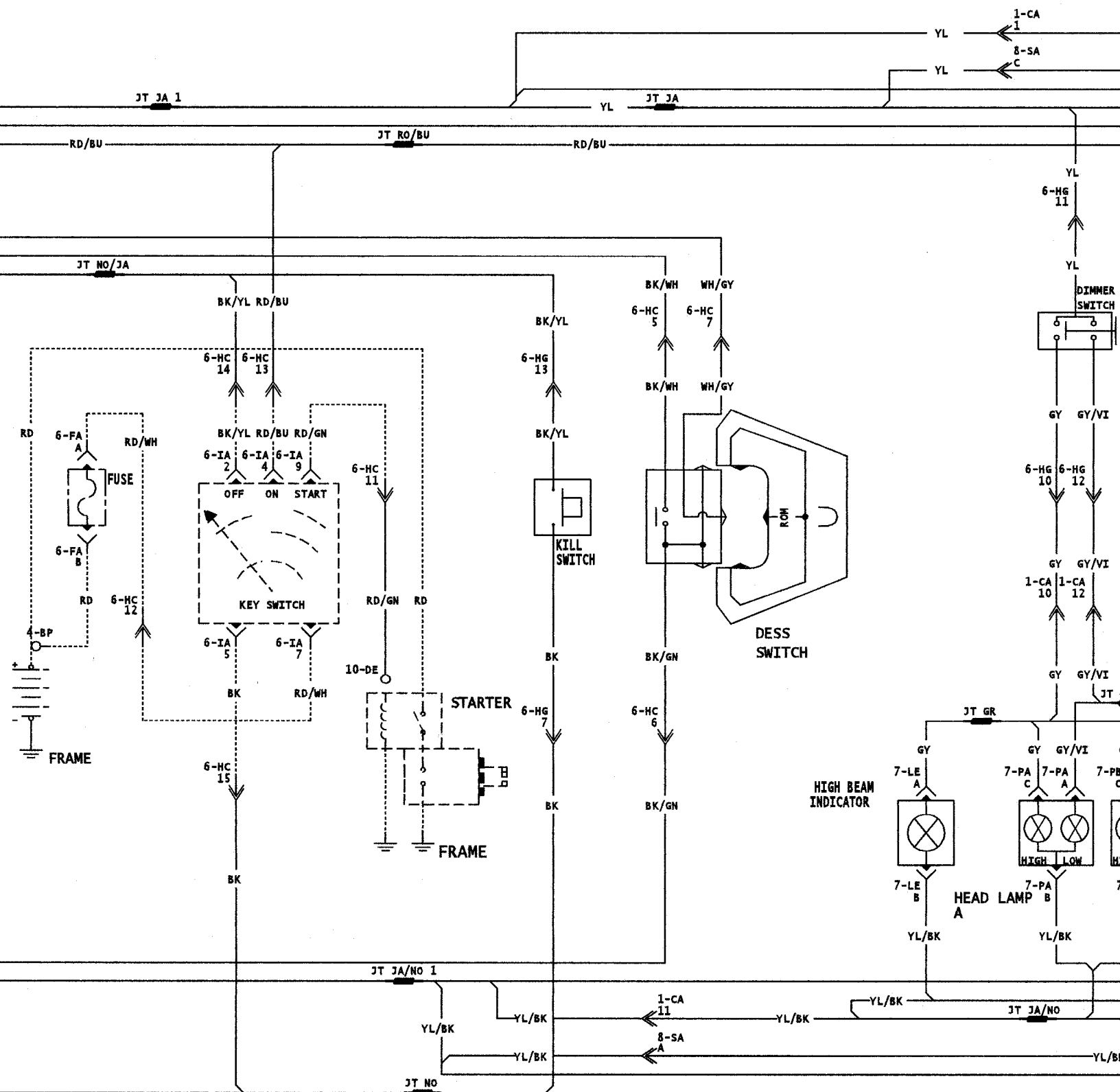
**MX Z 500/500 (SB)/600/700
FORMULA Z 600/700**

2000 MX Z 500/500SB/600/700, FORMULA Z 600/Z 700



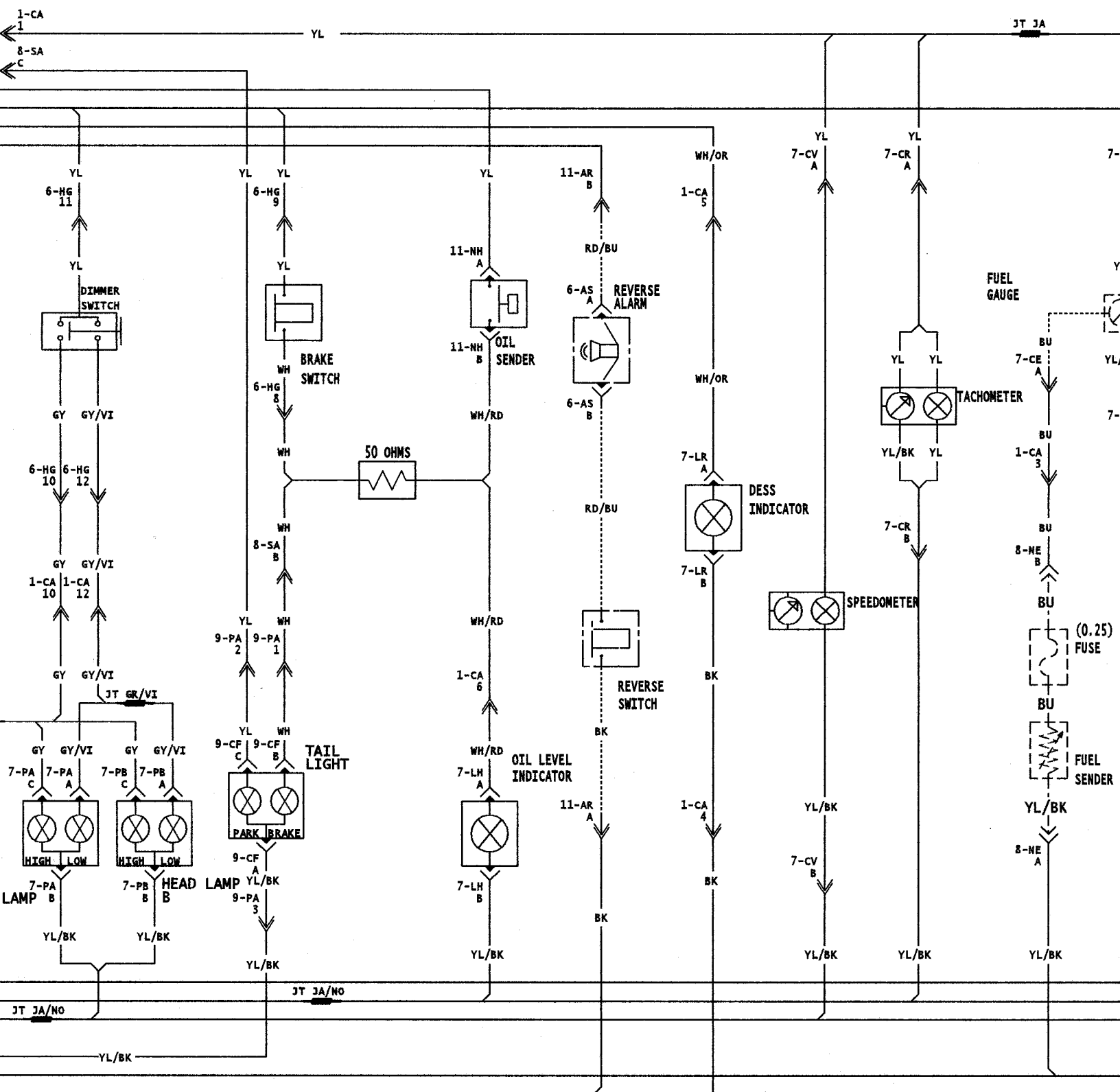
* Wire BK becomes RD/BU when starter option is installed.

**** The fuse is to be installed inline when starter option is installed.**



STARTER AND IGNITION SWITCHES

LIGHTING

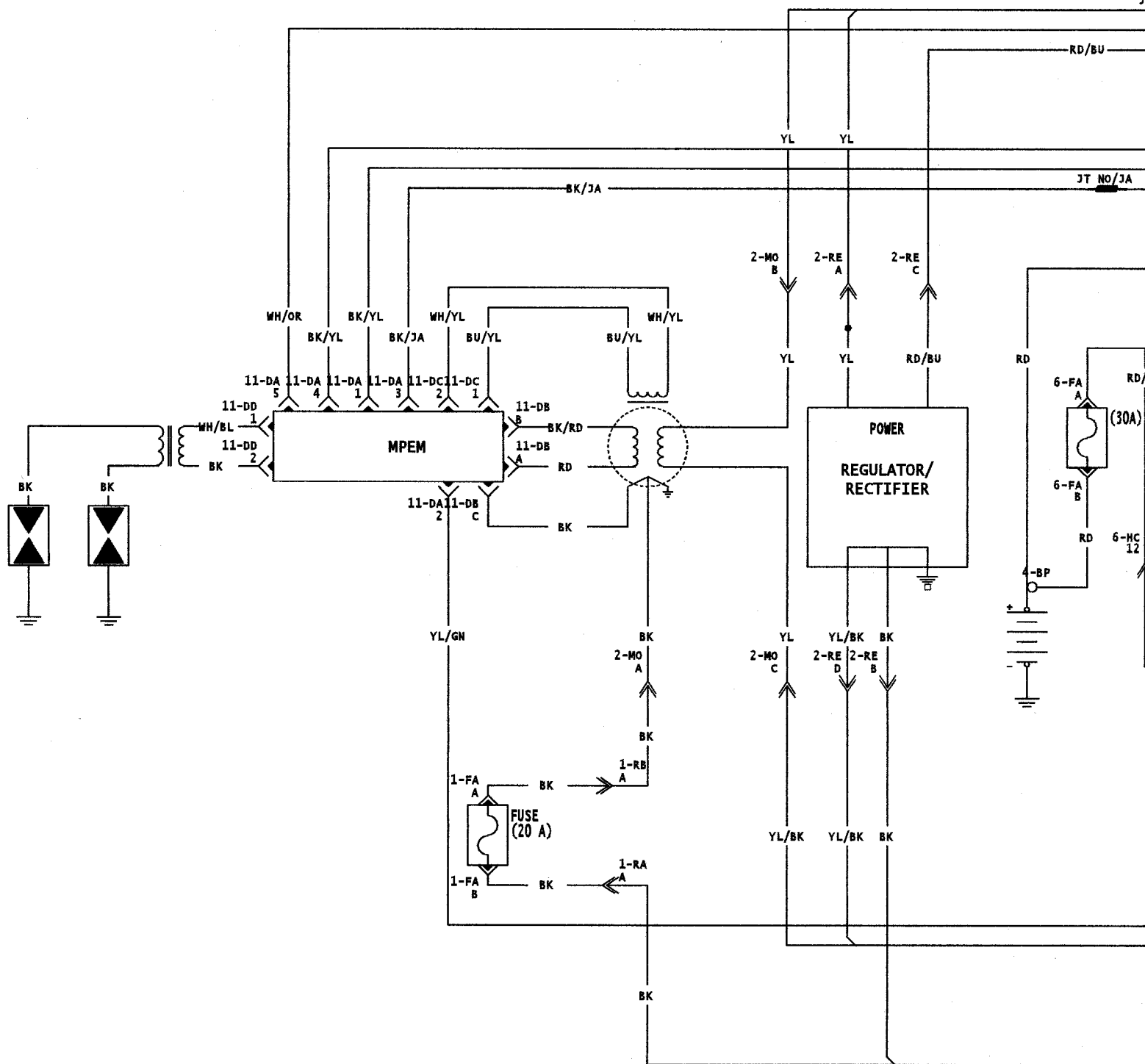




HEATING ELEMENTS

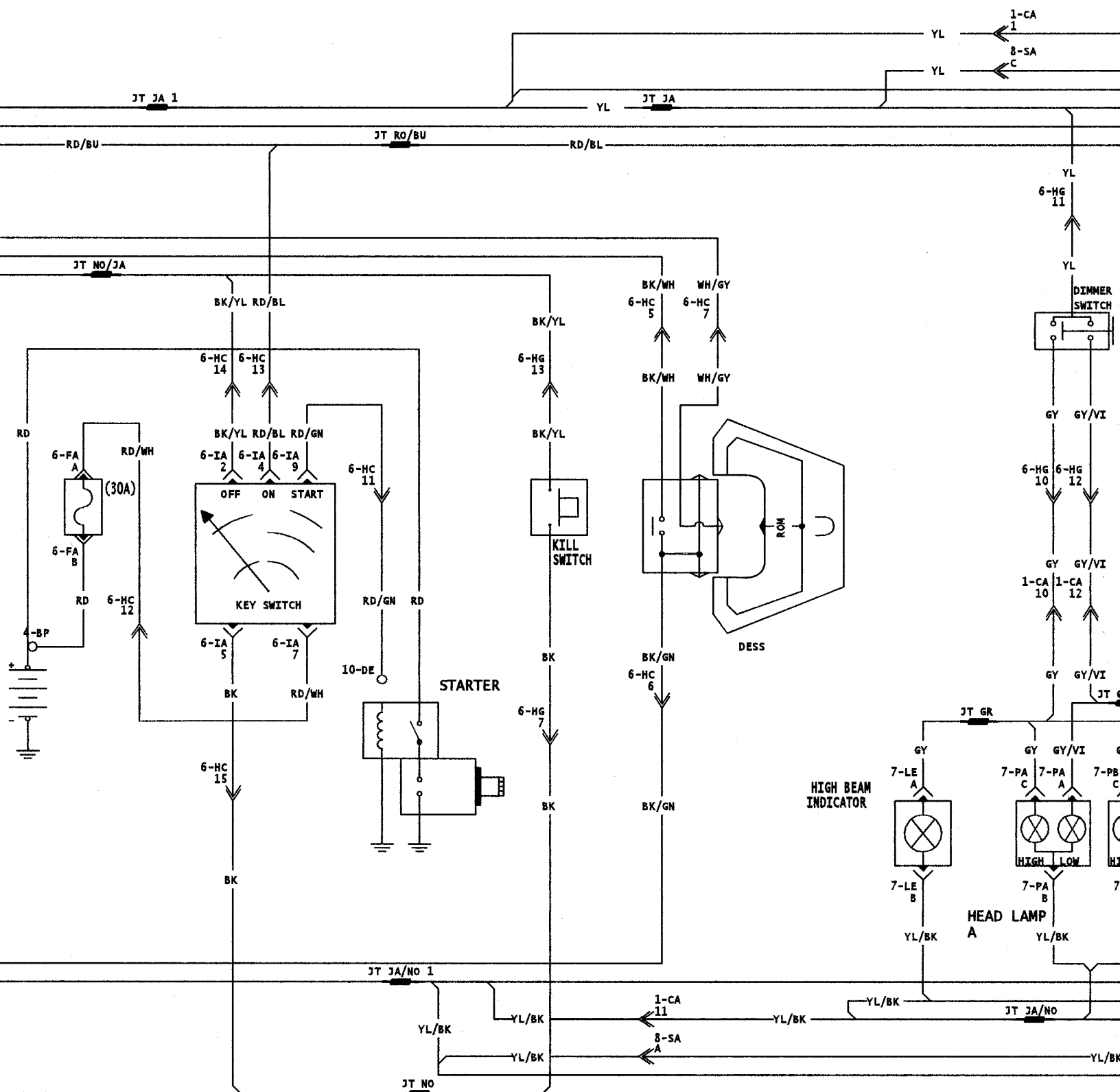
ANNEX 3 FORMULA DLX 600/700

2000 FORMULA DLX 600/700



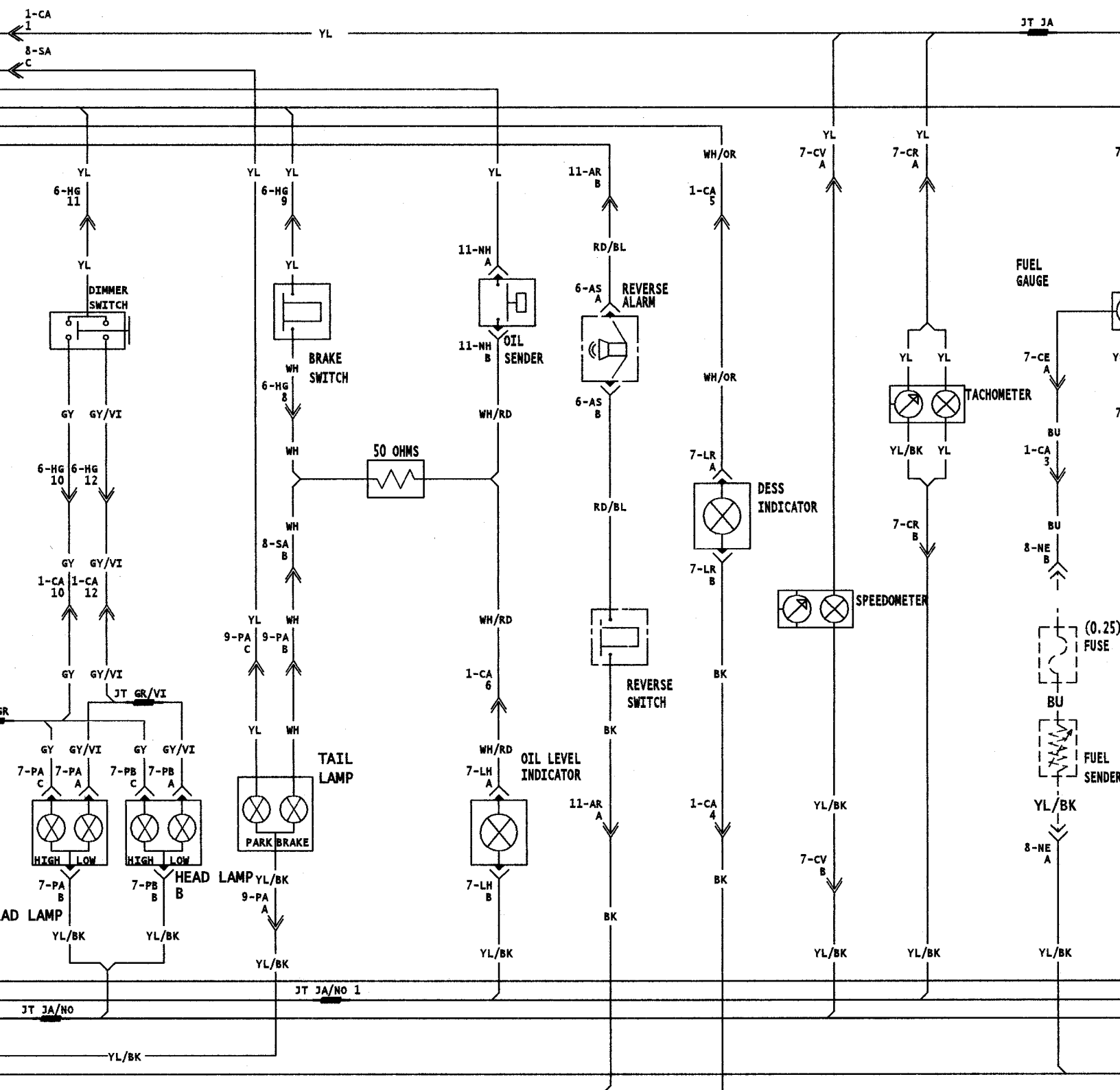
IGNITION SYSTEM

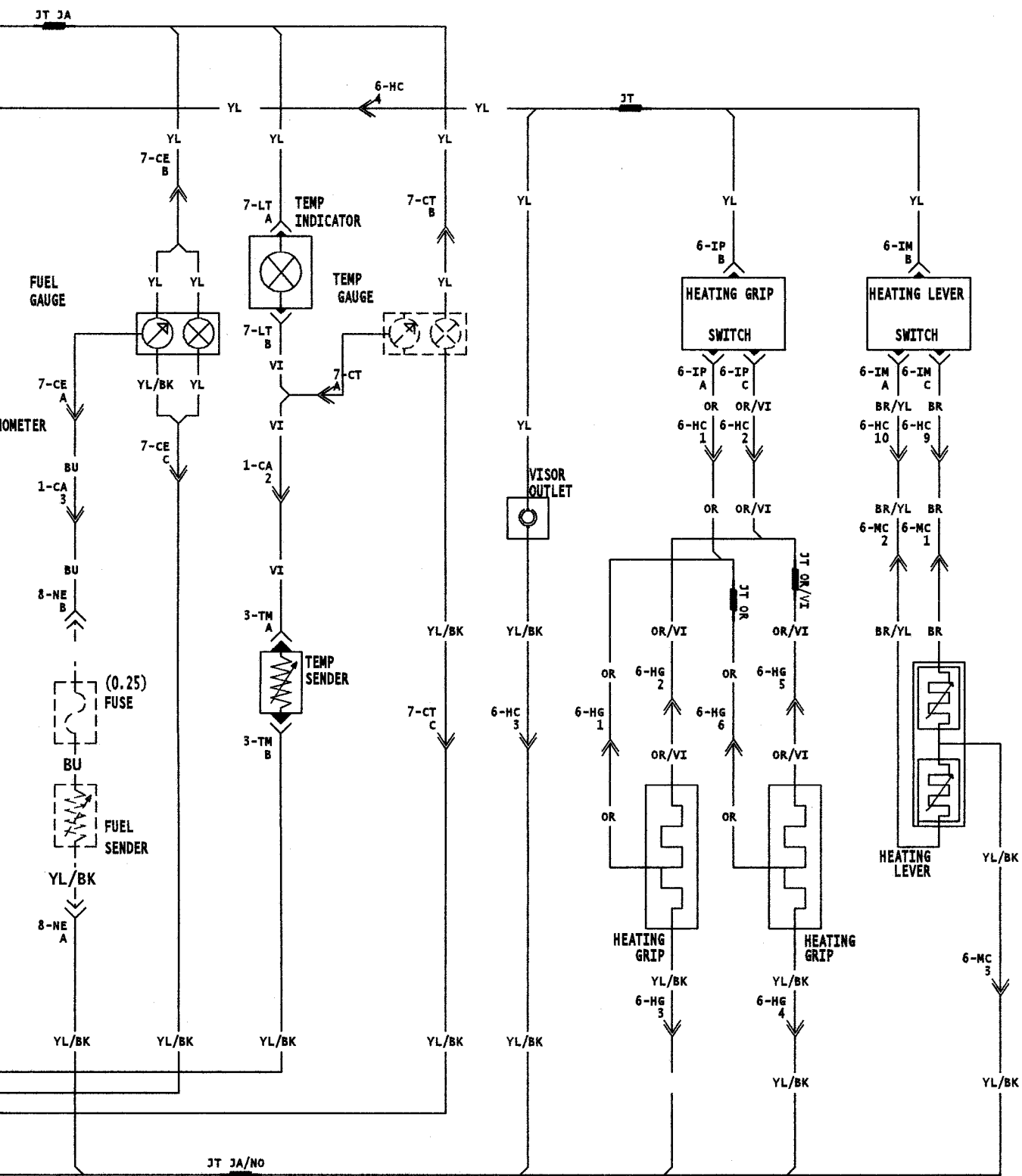
POWER SUPPLY



STARTER AND IGNITION SWITCHES

LIGHTING

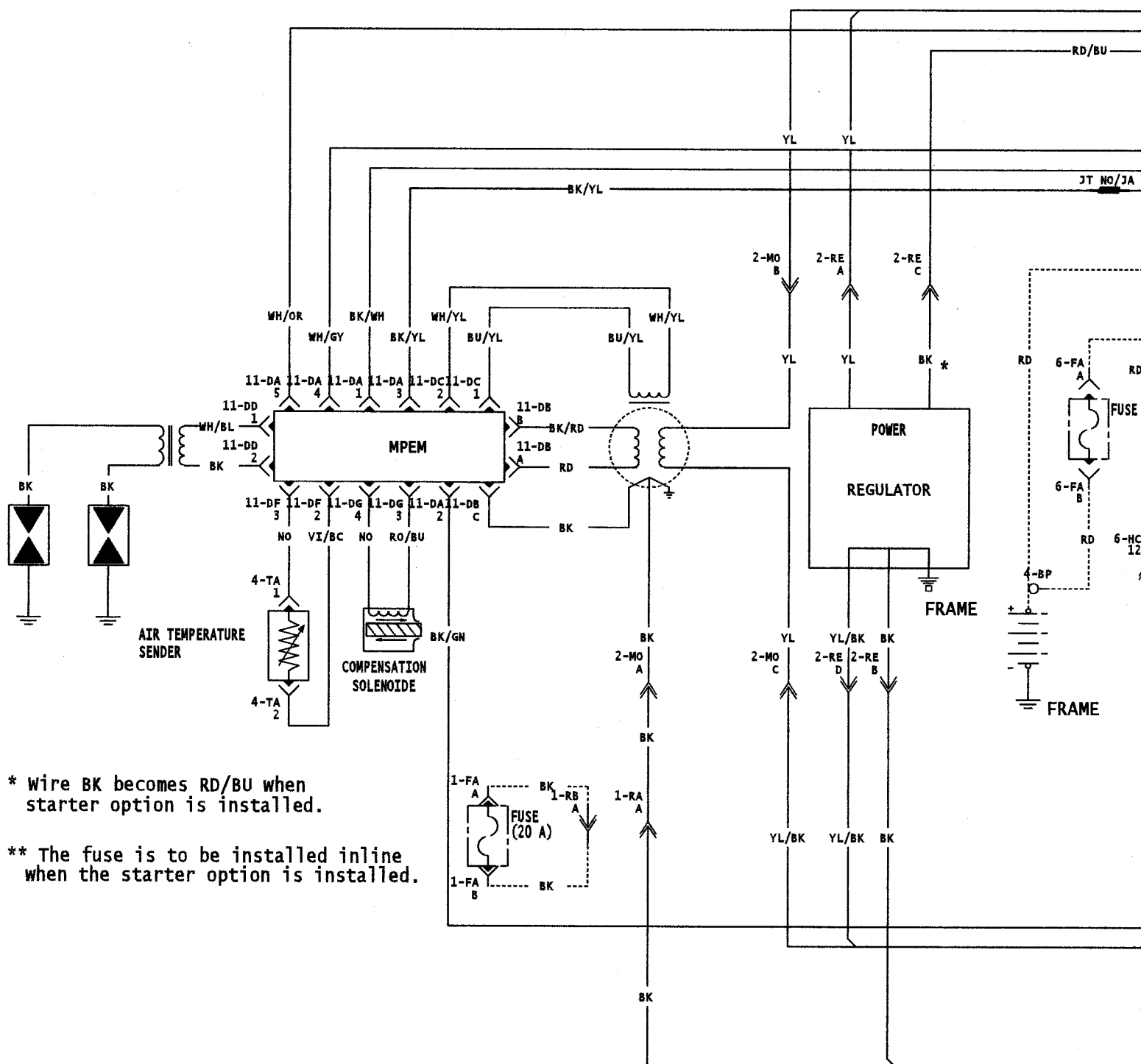




ANNEX 4

**MX Z 600 (DPM)/700 (DPM)
SUMMIT 600/600 (SB)/700/
700 (SB)/700 H.M.**

2000 MX Z 600(DPM)/700(DPM), SUMMIT 600/600SB/700/700SB/700 HM



IGNITION SYSTEM

POWER SUPPLY

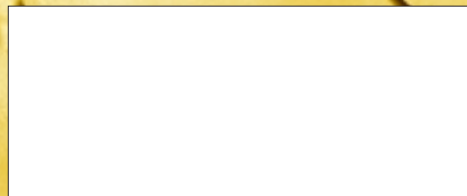




HEATING ELEMENTS



© *Trademarks of Bombardier Inc.
© 1999 Bombardier Inc. All rights Reserved
Printed in Canada



BOMBARDIER
RECREATIONAL PRODUCTS



VERSION FRANÇAISE ÉGALEMENT DISPONIBLE