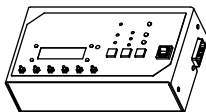


IVR-888-XXXX



Components

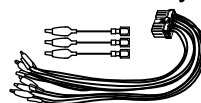
① CN-100



② Power cable



③ Cable assy.



④ This Manual

Features

- Line Voltage Requirements : 100~240VAC / 50Hz-60Hz
- This checker can inspect New-Era regulators (IVR for 12V & 24V).
- This checker has the function to protect over current.

The meaning for Display

- ① OVER CURRENT : To figure out current surge
- ② SHORT CIRCUIT : In case of short circuit during inspecting on STEP1 or STEP 2, short circuit is happened inside of IVR Circuit
- ③ SHORT CIRCUIT ST : In case of short circuit before inspecting on STEP 1 or STEP 2, short circuit is happened by wrong wiring

※When new item regulators will be added on current regulator list, you could get new data by downloading from HP as below.

"<http://www.newera.co.jp/product/ivrchecker/cn100.html>"

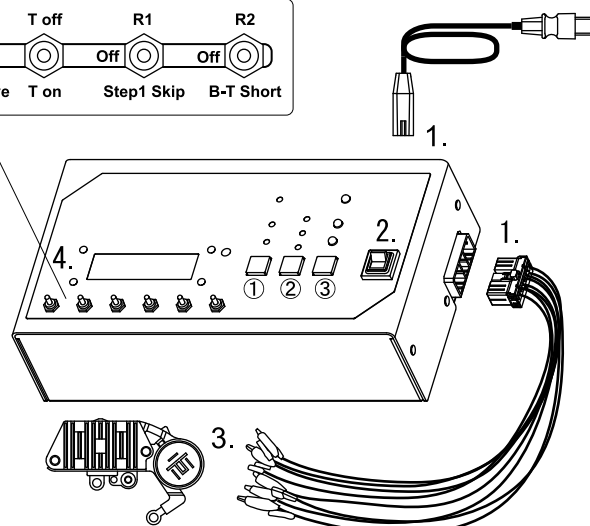
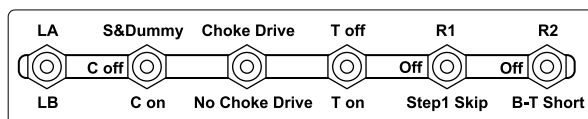
※The contents in our instruction manual would be changed without prior announcement.

Connection / Setting

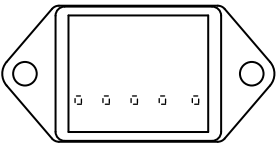
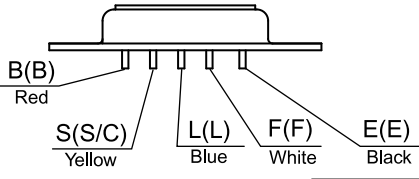
1. Connect **Cable assy.** and **Power cable** to CN-100
2. Turn **Power switch** on
3. Connect **IVR** to **CN-100**
4. Select **>LA** or **LB**
 - >S&Dummy** or **C off** or **C on**
 - >Choke Drive** or **No Choke Drive**
 - >T off** or **T on**
 - >R1** or **Off** or **Step1 Skip**
 - >R2** or **Off** or **B-T Short**

Operation

- ① Select **12V** or **24V**
- ② Press **Step** :STEP1
Step :STEP2
- ③ End of check , Press **Reset**
- ④ Connect next IVR
- ⑤ Same model :return ②
Other model :return 3.



IVR-801

LA	S&Dummy	Choke Drive	T off	R1	R2	24V 12V 
	C off			Off 	Off 	
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short	

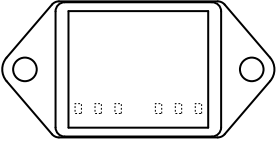
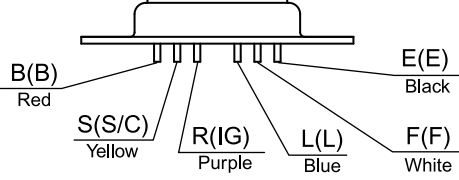
STEP1 : Charge Lamp 

STEP2 : Choke Drive 

Regulated voltage **14.0V~ 15.1V**■

Connect IVR

IVR-802

LA	S&Dummy	Choke Drive	T off	R1	R2	24V 12V 
	C off			Off 	Off 	
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short	

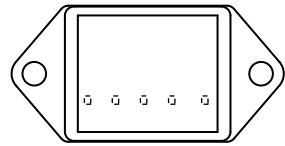
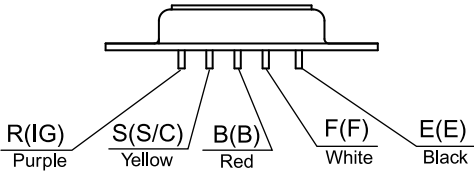
STEP1 : Charge Lamp 

STEP2 : Choke Drive 

Regulated voltage **14.0V~ 15.1V**■

Connect IVR

IVR-803

LA	S&Dummy	Choke Drive	T off	R1	R2	24V 12V 
	C off			Off 	Off 	
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short	

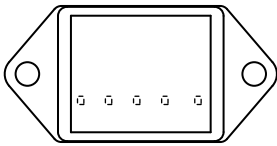
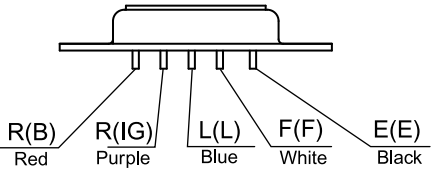
STEP1 : Charge Lamp 

STEP2 : Choke Drive 

Regulated voltage **14.0V~ 15.1V**■

Connect IVR

IVR-804

LA	S&Dummy	Choke Drive	T off	R1	R2	24V 12V 
	C off			Off 	Off 	
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short	

STEP1 : Charge Lamp 

STEP2 : Choke Drive 

Regulated voltage **14.0V~ 15.1V**■

Connect IVR

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

24V ○
12V

Connect IVR

IVR-806

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

24V ○
12V

Connect IVR

IVR-806

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

24V ○
12V

Connect IVR

IVR-807

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

24V ○
12V

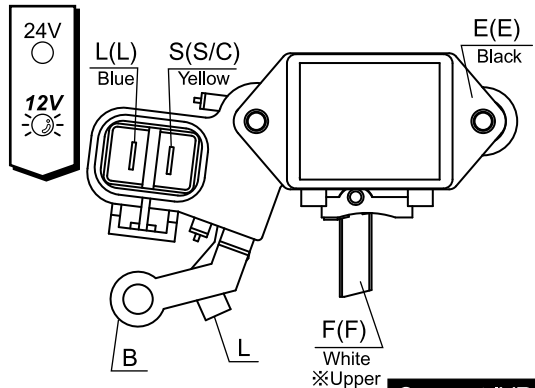
Connect IVR

IVR-808

IVR-809

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■

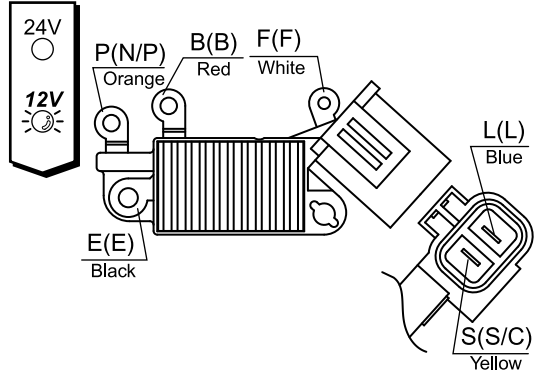


Connect IVR

IVR-840

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■

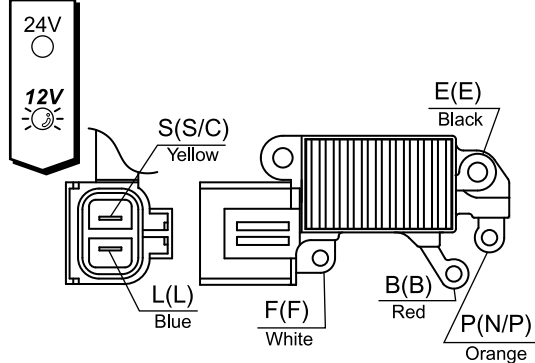


Connect IVR

IVR-841

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■

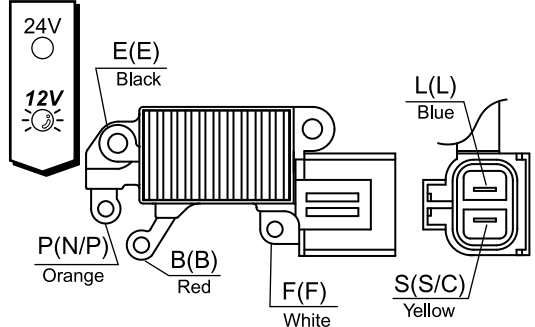


Connect IVR

IVR-842

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■



Connect IVR

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

Connect IVR

IVR-843

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

Connect IVR

IVR-844

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

Connect IVR

IVR-845

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

Connect IVR

IVR-846

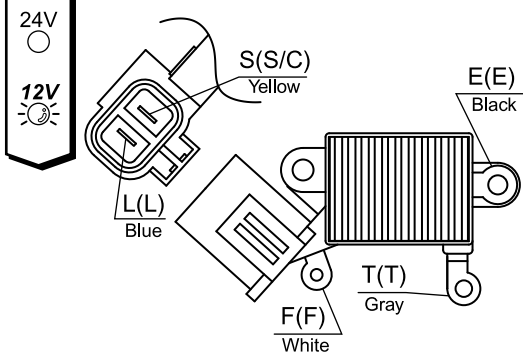
IVR-847

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive

Regulated voltage **14.0V~15.1V**■



Connect IVR

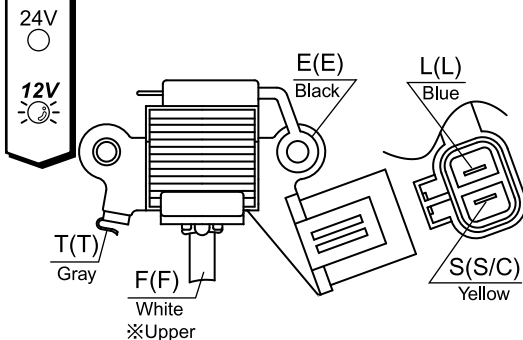
IVR-848

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive

Regulated voltage **14.0V~15.1V**■



Connect IVR

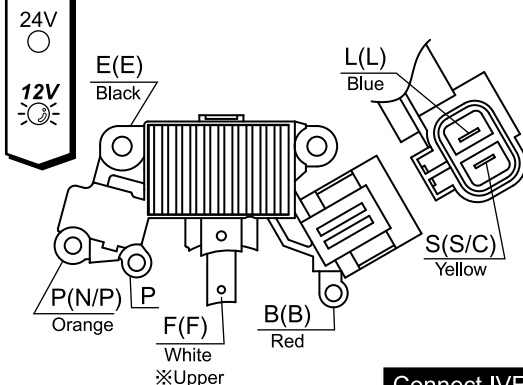
IVR-849

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive

Regulated voltage **14.0V~15.1V**■



Connect IVR

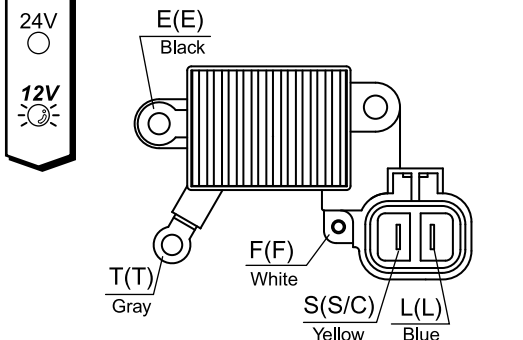
IVR-850

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Skip No Check

STEP2 : Choke Drive

Regulated voltage **14.0V~15.1V**■



Connect IVR

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

IVR-851

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

IVR-853

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

IVR-854

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

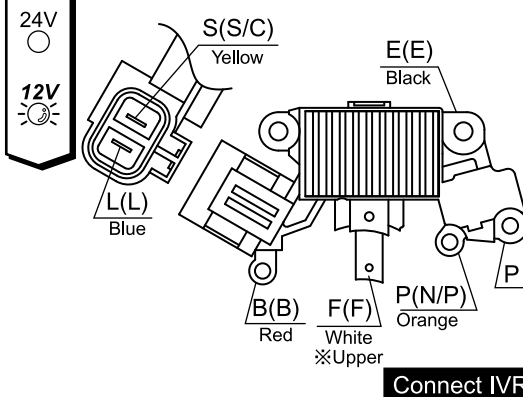
Regulated voltage **14.0V~15.1V**■

IVR-855

IVR-856

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

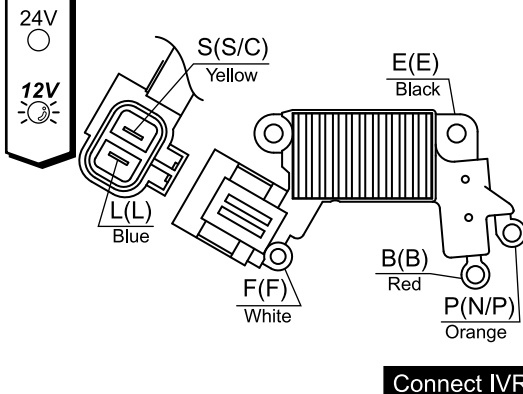
STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■



IVR-857

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

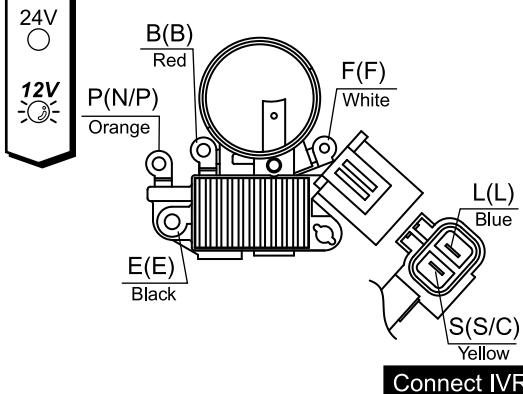
STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■



IVR-858

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

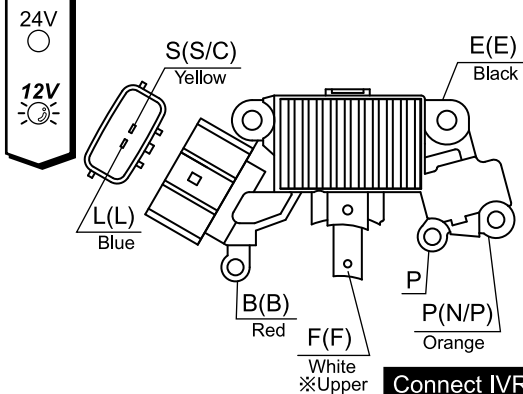
STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■



IVR-859

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp
 STEP2 : Choke Drive ○
 Regulated voltage **14.0V~15.1V**■



LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

IVR-860

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

IVR-861

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **14.0V~15.1V**■

IVR-863

LA	S&Dummy	Choke Drive	T off	R1	R2
	C off			Off	Off
LB	C on	No Choke Drive	T on	Step1 Skip	B-T Short

STEP1 : Charge Lamp

STEP2 : Choke Drive ○

Regulated voltage **28.0V~29.1V**■

IVR-864