WSM

WORKSHOP MANUAL

F2260,F2560(E),F3060,F3560



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SERVICING SPECIFICATIONS

Item		Factory Specification	Allowable Limit
Adjusting Screw Length		Approx. 15.0 mm Approx. 0.59 in.	15 to 20 mm 0.59 to 0.79 in.
Check and High Relief Pressure		27.9 MPa 285 kgf/cm^2 4056 psi	–
Charge Pressure		400 to 600 kPa 4.1 to 6.1 kgf/cm^2 58 to 87 psi	–
Piston to Bore (HST)	Clearance	0.02 mm 0.0008 in.	0.04 mm 0.0016 in.
Piston Slipper (HST)	Thickness	3.00 mm 0.118 in.	2.90 mm 0.1142 in.

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TIGHTENING TORQUES

Tightening torques of screws, bolts and nuts on the table below are especially specified.
(For general use screws, bolts and nuts : See page G-9.)

Item	N·m	kgf·m	ft-lbs
Oil strainer	98.1 to 137.2	10.0 to 14.0	72.4 to 101.2
ROPS mounting screw	77.5 to 90.2	7.9 to 9.2	57.2 to 66.5
∅10 mm (0.394 in.) pipe mounting screw	39.3 to 49.0	4.0 to 5.0	28.9 to 36.1
∅12 mm (0.472 in.) pipe mounting screw	54.0 to 63.7	5.5 to 6.5	39.8 to 47.0
Power steering hose 1 and 2	24.6 to 29.4	2.5 to 3.0	18.1 to 21.6
Power steering hose P	24.6 to 29.4	2.5 to 3.0	18.1 to 21.6
Drive shaft mounting screw	27.5 to 29.4	2.8 to 3.0	20.3 to 21.6
Transmission mounting screw (M12)	62.8 to 72.5	6.4 to 7.4	46.3 to 53.5
Frame stay mounting screw	77.6 to 90.2	8.0 to 9.2	57.1 to 66.5
Side frame mounting screw and nut	62.8 to 72.5	6.4 to 7.4	46.3 to 53.5
PTO pipe mounting screw	54.0 to 63.7	5.5 to 6.5	39.8 to 47.0
HST mounting screw (M8)	23.6 to 27.4	2.4 to 2.8	17.4 to 20.2
HST mounting screw (M10)	39.3 to 44.1	4.0 to 4.5	29.0 to 32.5
Hex. socket head screw	49.0 to 58.8	5.0 to 6.0	36.2 to 43.4
Check and high pressure relief valve plug	58.8 to 107.9	6.0 to 11.0	43.4 to 79.6

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[1] WIRING DIAGRAM AND ELECTRICAL CIRCUIT

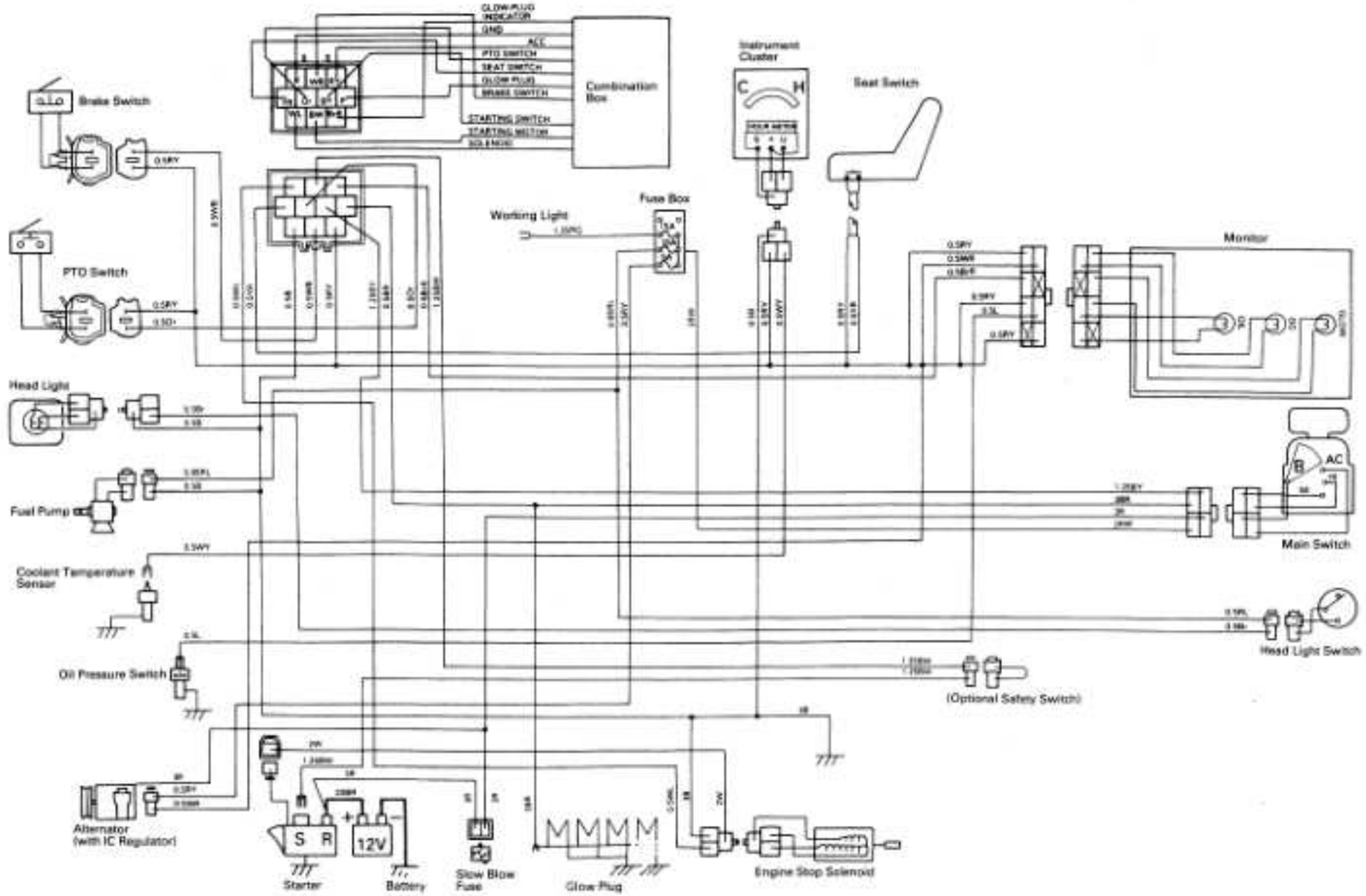
(1) Wiring Diagram

• Color of wiring

B ------ Black	Br ------ Brown	Or ------- Orange	RW ------ Red / White	WB ------- White / Black
BR ---- Black / Red	BrR ---- Brown / Red	R -------- Red	RY ------- Red / Yellow	WR ------- White / Red
BW --- Black / White	L -------- Blue	RB ------ Red / Black	Sb ------- Skyblue	YL -------- Yellow / Blue
BY ---- Black / Yellow	LW ------ Blue / White	RL ------- Red / Blue	W -------- White	YR -------- Yellow / Red

• Main Switch Table

Key Position \ Terminal	30	AC	19	50
OFF	•			
ON	•	•		
PREHEAT	•	•	•	
START	•	•	•	•



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TROUBLESHOOTING

Symptom	Probable Cause	Solution	Reference Page
Blade Does Not Rotate	• Broken mower belt • Broken PTO clutch	Replace mower belt Repair	M-S13 7-S14
Blade Speed Is Slow	• Loosen mower belt • Clogged grass • Flattened out or worn cup washer	Replace mower belt or tension spring Remove grass Replace cup washer	M-S13 – M-S16
Cutting Is Poor	• Worn or broken blade • Loosen mower blade mounting screw • Cutting height improper	Sharpen or replace blade Retighten mounting screw Adjust cutting height	M-S13 M-S16 M-S15
Mower Is Not Lifted	• Trouble of hydraulic system (lift cylinder and control valve) • Implement control valve closed • Broken linkage system	Check hydraulic system Open Replace linkage system	7-S5, S8, S10 – –

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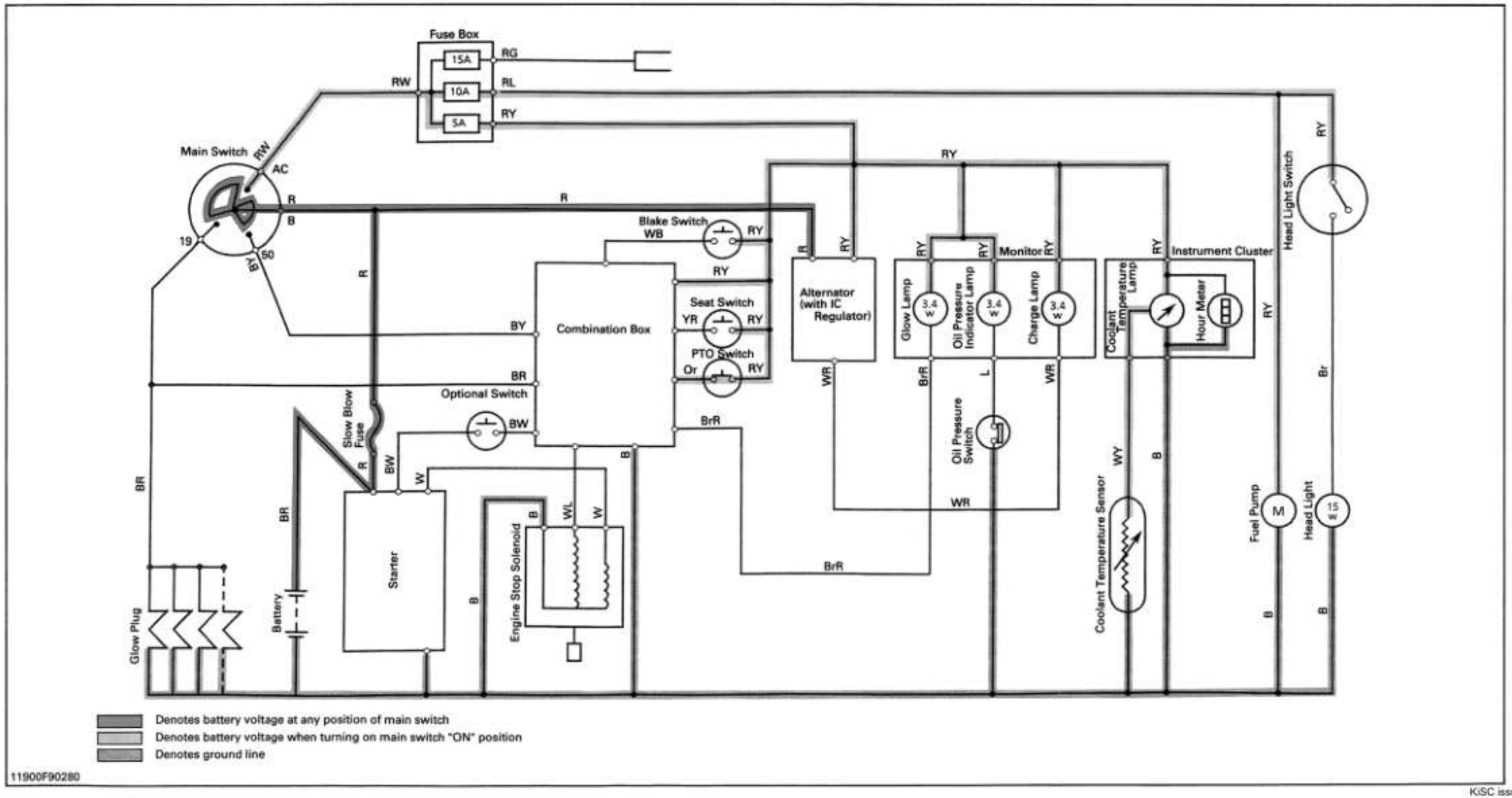
(2)Electrical Circuit

• **Color of wiring**

B ------ Black	Br ------ Brown	Or -------- Orange	RW ------ Red / White	WB ------ White / Black
BR ----- Black / Red	BrR ----- Brown / Red	R --------- Red	RY ------- Red / Yellow	WR ------- White / Red
BW ---- Black / White	L --------- Blue	RB ------- Red / Black	Sb ------- Skyblue	YL -------- Yellow / Blue
BY ----- Black / Yellow	LW ------ Blue / White	RL -------- Red / Blue	W -------- White	YR -------- Yellow / Red

• **Main Switch Table**

Terminal / Key Position	B	AC	19	50
OFF	•			
ON	•	•		
PREHEAT	•	•	•	
START	•	•	•	•



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