PART NO.

HITACHI

Workshop Manual

EX

EX5500-5

Hydraulic Excavator

Service Manual consists of the following separate Part No.
Technical Manual (Operational Principle)
Technical Manual (Troubleshooting)
Workshop Manual

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REMOVE AND INSTALL COUNTER-WEIGHT

CAUTION: Park the machine on a solid level surface. Lower the bucket to the ground steady before starting work.
Be sure not to operate the machine or the front attachment with the counterweight having been removed. Otherwise the machine may tip over.



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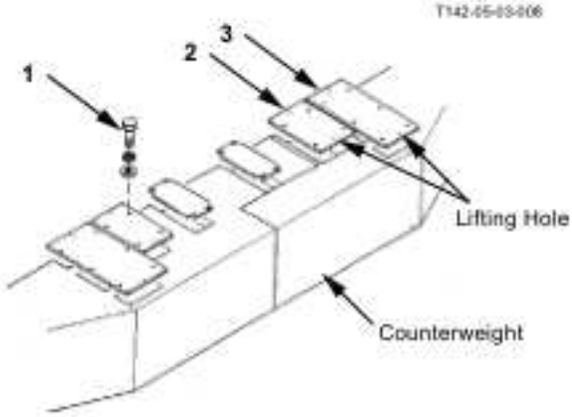


T142-05-03-008

Removal

1. Park the machine on a solid level surface with the front positioned as illustrated on the right.

2. Install eyebolts (M12, Pitch 1.75) into the lifting holes (2 used for each) in covers (2) (2 used) and (3) (2 used). Remove bolts (1) (20 used) to lift and remove covers (2) (2 used) and (3) (2 used) from the counterweight by crane.
   : 19 mm



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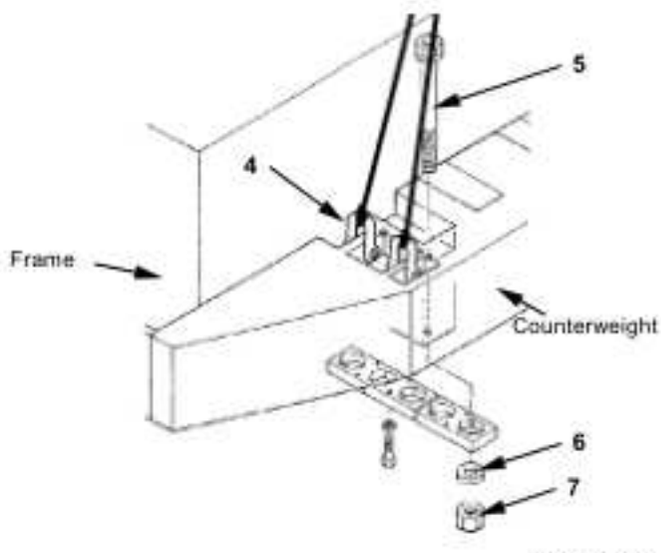
CAUTION: Counterweight weight: 52100 kg (114860 lb)
Shackle (4) weight: 26 kg (60 lb)

3. Attach wire to shackles (4) (4 used) and lift by crane. Then install the shackle to the lifting hole in the top of the counterweight. Hold the counterweight by crane.

NOTE: Shackle (4): Part No. 4048503

4. Remove U-nuts (7) (10 used) and washers (6) (10 used).

NOTE: If U-nut (7) is removed from bolt (5), it can fall freely. Catch U-nut (7) by hand or receive it with a tray.
: 85 mm



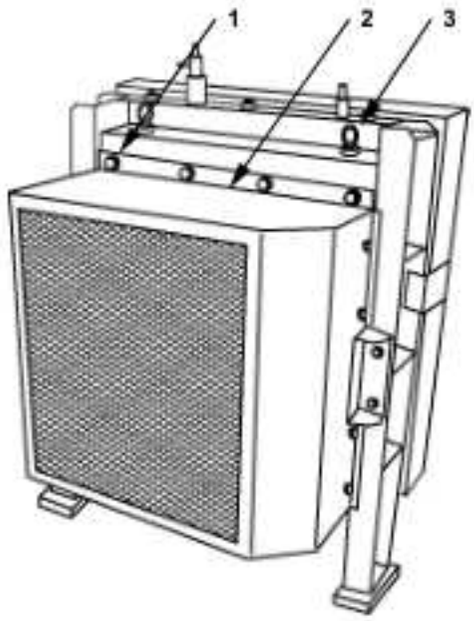
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REMOVE AND INSTALL FUEL COOLER FAN MOTOR

Removal

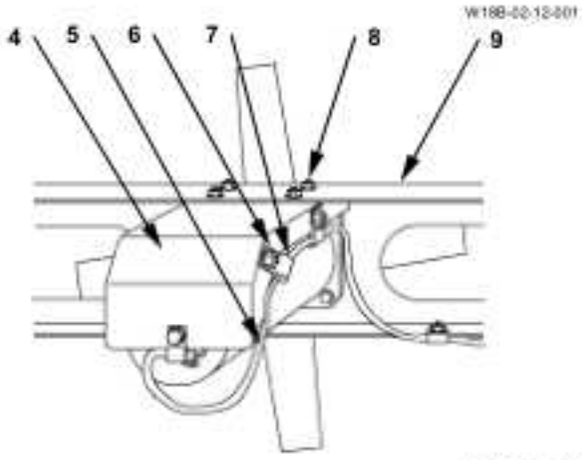
1. Remove bolts (1) (16 used) to remove duct (2) from fuel cooler (3).
   : 17 mm



W18B-02-12-001

2. Remove bolts (6) (3 used) to remove clamp (7) and wiring (5).
   : 17 mm

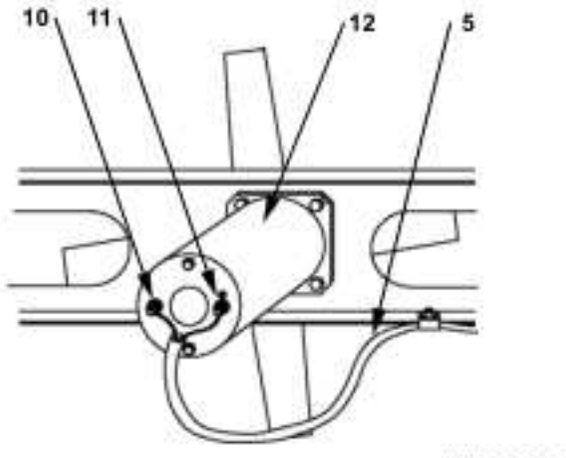
3. Remove bolts (8) (4 used) to remove cover (4) from bracket (9).
   : 13 mm



W18B-02-12-002

4. Remove nuts (10, 11) from the terminal of the fan motor to remove wiring (5).
   : 10 mm

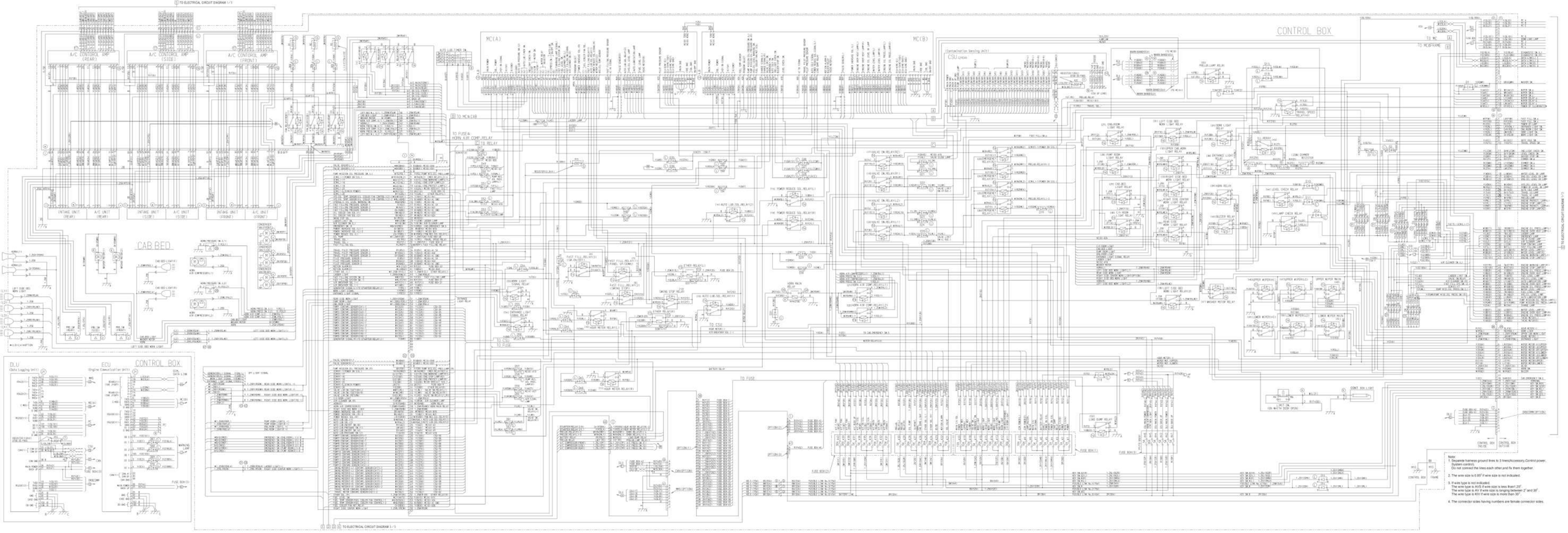
NOTE: Wiring color
Fan motor right (polarity +): Yellow
Fan motor left (polarity +): White
Polarity – : Black



W18B-02-12-003

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EX5500-5 ELECTRICAL CIRCUIT DIAGRAM 2/3



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