KEAM019001T

Operation & Maintenance Manual

D61EX-15E0
D61PX-15E0

CRAWLER DOZER

SERIAL NUMBERS D61EX-15E0 B46105 and up
D61PX-15E0 B46105 and up

ENGINE 6D107E-1

October 2008

KOMATSU®

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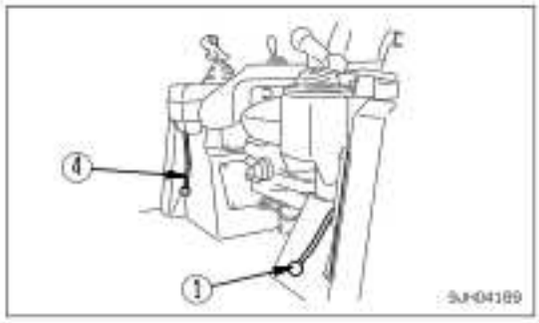
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OPERATION AND CHECK BEFORE STARTING ENGINE

⚠ WARNING

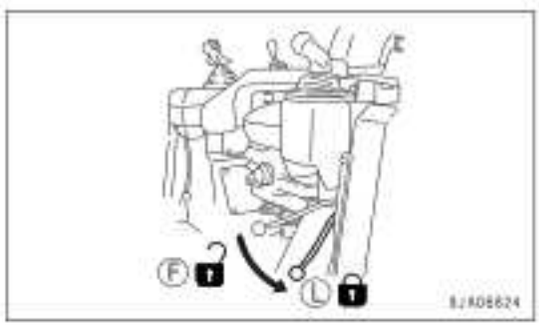
When starting the engine, check that the work equipment lock lever are placed securely at the LOCK position. If the work equipment control lever is touched by accident when the engine is started, the work equipment may move unexpectedly and cause serious injury or damage.





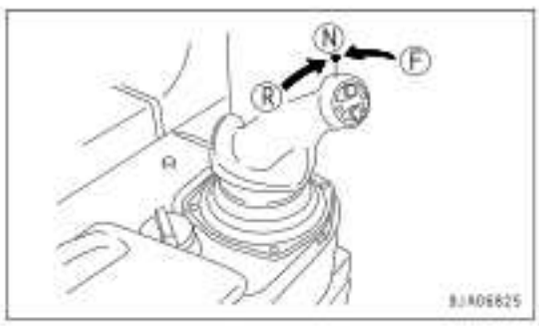
1. Check that parking brake lever (1) is in the LOCK position (L).

REMARK
If this parking brake lever is not in the LOCK position, the engine will not start.



2. Check that steering, forward-reverse, gear shift lever (2) is in the NEUTRAL position (N).

REMARK
The engine cannot be started if steering, forward-reverse, gear shift lever (2) is not in the NEUTRAL position.
If steering, forward-reverse, gear shift lever (2) is in FORWARD or REVERSE, the letter P on display panel A will flash.



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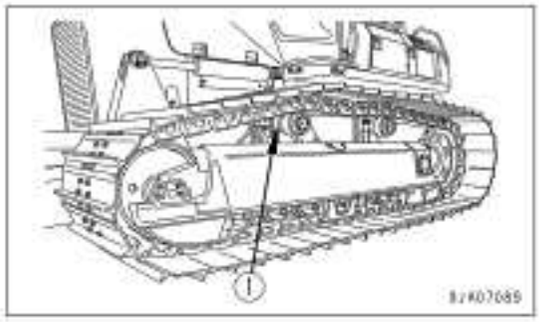
GREASE EQUALIZER BAR SIDE PIN

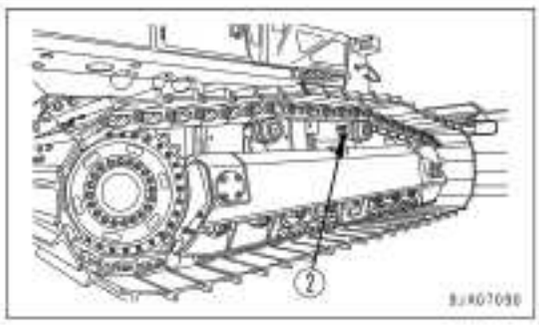
Greasing points

Grease fitting (1): Front of carrier roller support on left side of machine

Grease fitting (2): Rear of carrier roller support on right side of machine

1. Remove all dirt from the top of the track frame and cover.
2. Clean the grease fitting, then supply grease to that fitting with a grease pump.





REMARK

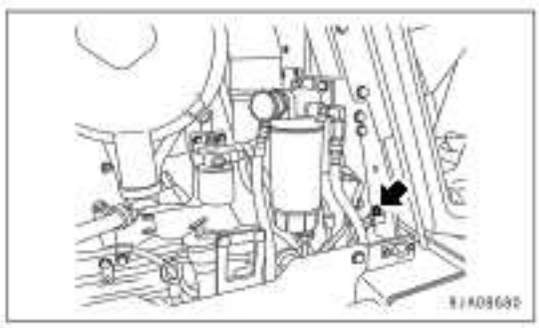
Supply 3 shots of grease (Operate the grease pump lever 3 times) to each grease fitting, and check that grease is newly discharged through the seal lip.

If grease is not newly discharged through the lip, continue supplying grease until it is discharged.

GREASE EQUALIZER BAR CENTER PIN

(1 place)

1. Open the engine side cover on the left side of the chassis.
2. Clean the grease fitting indicated with the arrow, then supply grease to that fitting with a grease pump.



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(D) Setting seat for weight

Pull lever (3) up fully (pull it until a click can be felt). When the lever is released, the weight adjustment is carried out automatically. To ensure that the weight adjustment is carried out correctly, the operator should sit in the normal operating position when operating the lever. If the operator raises his body from the seat or changes the amount of weight applied to the seat during adjustment, the air in the suspension may be discharged.

When operators change shifts, the new operator should pull lever (3) up fully (pull it until a click it is felt). When the lever is released, the weight adjustment is carried out automatically.

If lever (3) is pulled lightly, the weight adjustment starts, but always pull the lever up fully (pull it until a click is felt) before releasing it.

(E) Fore-and-aft adjustment of seat cushion

Operate lever (4) up, set the seat cushion to the desired position, then release the lever.

Fore-and-aft adjustment: 60 mm (2.4 in)

(F) Adjusting reclining angle

Move lever (5) up and move the backrest to the front or rear.

Push your back against the backrest when carrying out this adjustment. If your back is not pressing against the backrest, the backrest may suddenly spring forward.

Amount of adjustment

Forward tilt: 20 degrees (over 20 degrees is free)

Rear tilt: 60 degrees

REMARK

The seat can be reclined more when the seat is pushed to the front. The amount of reclining decreases as the seat is pushed back, so when moving the seat back, return the seatback to the upright position.

NOTICE

If the seat back is reclined too far, the seat back may hit the rear glass, so use it in a position where it does not contact the glass.

(G) Adjusting headrest angle

Rotate the backrest to the front or rear and set to the desired angle.

Amount of adjustment: 38 degrees

(H) Adjusting headrest height

Move the headrest up or down and set to the desired height.

Amount of adjustment: 100 mm (3.9 in)

(I) Lumbar support

Operate switch (6) to give a suitable tension to the lumbar region.

When + is pressed: Tension becomes stronger

When - is pressed: Tension becomes weaker

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