



Crawler Hydraulic Excavator

SY195C9

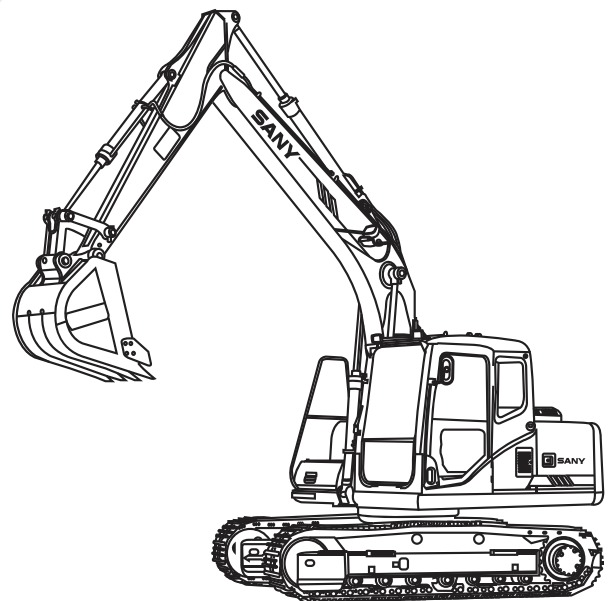
SY205C9

SY215C9

SY225C9

SY245C9

SY265C9



Safety, Operation and Maintenance Manual

(10) Falling hazard

- Falling hazard.
- Do not step here.

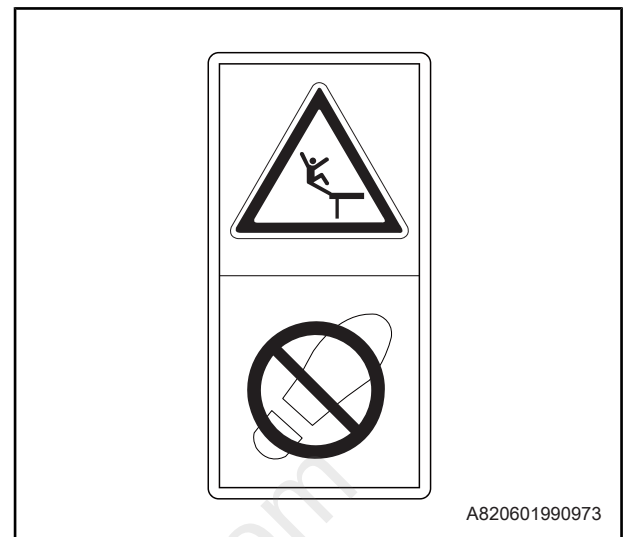


Fig.2-14

(11) No seating



Fig.2-15

(12) High pressure fluid

- Read the instruction before removing the cover or cap of any vessel. To prevent squirting, relieve internal pressure first and open the cover or cap slowly.

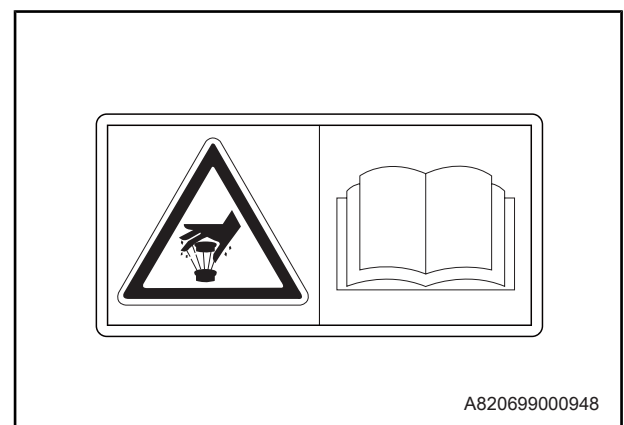


Fig.2-16

Recommended oils:**1. Engine oil**

Select the oil of proper viscosity according to the temperature range given in the oil change schedule.

Engine oil grade: Above API CI-4

Recommended engine oil brand and type: Caltex CI-4 15W-40

2. Engine fuel

Light diesel oil (GB252.81)

3. Hydraulic oil

The hydraulic system uses Caltex HDZ46 hydraulic oil (code B420106000036).

NOTICE

- In most cases, the use of fuel ASTH2 and the diesel oil (minimum cetane number is 40) can achieve the best economic result and operating performance. At where the elevation is high or the ambient temperature is too low, it is necessary to use the fuel whose cetane number is more than 40 in order to prevent flameout and too much smoke.
- When the fuel of low sulfur content is used, its cloud point shall be at least 10°C lower than the expected minimum fuel temperature. Cloud point is the temperature at which the waxy crystals begin to form.
- The universal diesel fuel of commercial brands shall contain sulfur that is less than 0.2%. If it is more than 0.2%, Please shorten the change interval. Be sure to conduct according to the following table:

sulfur containing	change interval
0.2 ~ 0.5%	1/2 standard interval
0.5 ~ 1.0%	1/4 standard interval

- Clean fuel free from water and/or impurities shall be ensured before refueling.
- The diesel fuel that contains more water and/or impurities can cause clogging, Please change the filter when it is clogged.

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Full Version Available

Sany SY215C Excavator Operator Manual

Sany SY215C excavator operator manual covering controls, safe operation, setup, daily checks and care. 406-page English PDF. Instant PDF download.

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