



**821F
921F
Tier 4
Wheel Loader**

OPERATOR'S MANUAL

Part number 84548504
2nd edition English
February 2013
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JoeManual.com

CASE
CONSTRUCTION

1. Before starting the engine, make sure the parking brake is set and the loader is in the neutral position. The operator must be seated in the operator's seat and the seat belt must be fastened.

2. Starting the engine

Turn on the key of the loader's master battery. Turn on the key of the engine. The engine will start.

3. Work light switch

Push on the top of the work light switch and the work lights will turn on. The work lights will turn off when the switch is pushed again.

4. Retaining bracket (optional)

Push on the retaining bracket and the retaining bracket will turn on. The retaining bracket will turn off when the bracket is pushed again.



1. Before starting the engine, make sure the parking brake is set and the loader is in the neutral position. The operator must be seated in the operator's seat and the seat belt must be fastened.

Safety precautions specific to attachment and coupling

- 1. Always inspect the attachment and coupling for damage before use. If damaged, do not use.
- 2. Make sure the attachment is properly attached to the loader. The attachment must be properly secured to the loader.
- 3. Do not attempt to couple or uncouple the attachment while the loader is moving.
- 4. Do not attempt to couple or uncouple the attachment while the loader is in the lift position.
- 5. Do not attempt to couple or uncouple the attachment while the loader is in the dump position.
- 6. Do not attempt to couple or uncouple the attachment while the loader is in the transport position.
- 7. Do not attempt to couple or uncouple the attachment while the loader is in the storage position.
- 8. Do not attempt to couple or uncouple the attachment while the loader is in the maintenance position.
- 9. Do not attempt to couple or uncouple the attachment while the loader is in the repair position.
- 10. Do not attempt to couple or uncouple the attachment while the loader is in the overhaul position.
- 11. Do not attempt to couple or uncouple the attachment while the loader is in the inspection position.
- 12. Do not attempt to couple or uncouple the attachment while the loader is in the adjustment position.
- 13. Do not attempt to couple or uncouple the attachment while the loader is in the cleaning position.
- 14. Do not attempt to couple or uncouple the attachment while the loader is in the painting position.
- 15. Do not attempt to couple or uncouple the attachment while the loader is in the lubrication position.
- 16. Do not attempt to couple or uncouple the attachment while the loader is in the greasing position.
- 17. Do not attempt to couple or uncouple the attachment while the loader is in the oiling position.
- 18. Do not attempt to couple or uncouple the attachment while the loader is in the greasing position.
- 19. Do not attempt to couple or uncouple the attachment while the loader is in the oiling position.
- 20. Do not attempt to couple or uncouple the attachment while the loader is in the greasing position.

1. Before starting the engine, make sure the parking brake is set and the loader is in the neutral position. The operator must be seated in the operator's seat and the seat belt must be fastened.
2. Make sure the attachment is properly attached to the loader. The attachment must be properly secured to the loader.
3. Do not attempt to couple or uncouple the attachment while the loader is moving.
4. Do not attempt to couple or uncouple the attachment while the loader is in the lift position.
5. Do not attempt to couple or uncouple the attachment while the loader is in the dump position.
6. Do not attempt to couple or uncouple the attachment while the loader is in the transport position.
7. Do not attempt to couple or uncouple the attachment while the loader is in the storage position.
8. Do not attempt to couple or uncouple the attachment while the loader is in the maintenance position.
9. Do not attempt to couple or uncouple the attachment while the loader is in the repair position.
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12. Do not attempt to couple or uncouple the attachment while the loader is in the adjustment position.
13. Do not attempt to couple or uncouple the attachment while the loader is in the cleaning position.
14. Do not attempt to couple or uncouple the attachment while the loader is in the painting position.
15. Do not attempt to couple or uncouple the attachment while the loader is in the lubrication position.
16. Do not attempt to couple or uncouple the attachment while the loader is in the greasing position.
17. Do not attempt to couple or uncouple the attachment while the loader is in the oiling position.
18. Do not attempt to couple or uncouple the attachment while the loader is in the greasing position.
19. Do not attempt to couple or uncouple the attachment while the loader is in the oiling position.
20. Do not attempt to couple or uncouple the attachment while the loader is in the greasing position.



Figure 1: Attaching and detaching the attachment

1. Before starting the engine, make sure the parking brake is set and the loader is in the neutral position. The operator must be seated in the operator's seat and the seat belt must be fastened.

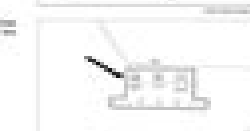
2. Retaining bracket (optional)

Push on the retaining bracket and the retaining bracket will turn on. The retaining bracket will turn off when the bracket is pushed again.



3. Work light switch

Push on the top of the work light switch and the work lights will turn on. The work lights will turn off when the switch is pushed again.



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Caterpillar Inc



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