CONTENTS

⚠SAFE OPERATION ..... ⚠-1

SERVICING OF TRACTOR 1

SPECIFICATIONS 2
- SPECIFICATION TABLE 2
- TRAVELING SPEEDS 4

IMPLEMENT LIMITATIONS 5

INSTRUMENT PANEL AND CONTROLS 7

PRE-OPERATION CHECK 9
- DAILY CHECK 9

OPERATING THE ENGINE 10
- STARTING THE ENGINE 10
  - Block Heater (Option) 13
- STOPPING THE ENGINE 13
- WARMING UP 14
  - Warm-up Transmission Oil at Low Ambient Temperatures 14
- JUMP STARTING 14

OPERATING THE TRACTOR 16
- OPERATING NEW TRACTOR 16
  - Do not Operate the Tractor at Full Speed for the First 50 Hours 16
  - Changing Lubricating Oil for New Tractors 16
- BOARDING AND LEAVING THE TRACTOR 16
- OPERATING FOLDABLE ROPS 16
  - To Fold the ROPS 16
  - To Raise the ROPS to Upright Position 17
  - Adjustment of Foldable ROPS 18
- STARTING 18
  - Operator's Seat 18
  - Seat Belt 19
  - Tilt Steering Adjustment 19
  - Head Light / Turn Signal / Hazard Light Switch 20
  - Tractor Lights 21
  - Brake Pedals (Right and Left) 21
  - Range Gear Shift Lever (L-M-H) 22
  - Front Wheel Drive Lever 23
  - Hand Throttle Lever 23
  - Parking Brake 23
  - Speed Control Pedal 24
  - Speed Set Device 24
- STOPPING 25
  - Stopping 25
- CHECK DURING DRIVING 25
  - Immediately Stop the Engine if: 25
  - Easy Checker (TM) 25

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2. Keep children out of the work area and under the watchful eye of another responsible adult.
3. Be alert and shut your machine down if children enter the work area.
4. Never carry children on your machine. There is no safe place for them to ride. They may fall off and be run over or interfere with your control of the machine.
5. Never allow children to operate the machine even under adult supervision.
6. Never allow children to play on the machine or on the implement.
7. Use extra caution when backing up. Look behind and down to make sure area is clear before moving.

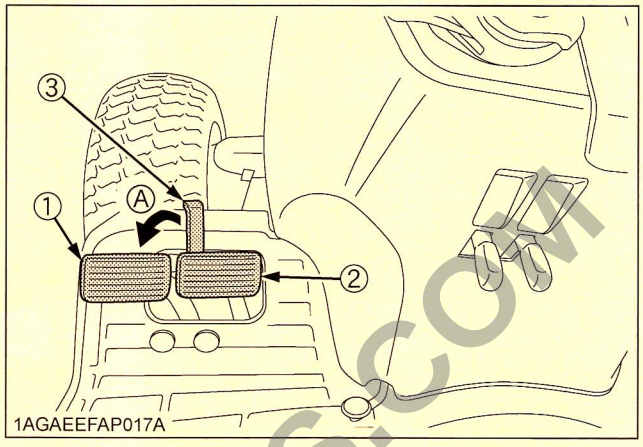
◆ Operating on slopes

Slopes are a major factor related to loss-of-control and tip-over accidents, which can result in severe injury or death. All slopes require extra caution.

1. To avoid upsets, always back up steep slopes. If you cannot back up the slope or if you feel uneasy on it, do not operate on it. Stay off slopes too steep for safe operation.
2. Driving forward out of a ditch, mired condition or up a steep slope increases the risk of a tractor to be upset backward. Always back out of these situations. Extra caution is required with 4-wheel drive models because their increased traction can give the operator false confidence in the tractor's ability to climb slopes.
3. Keep all movement on slopes slow and gradual. Do not make sudden changes in speed, direction or apply brake and make sudden motions of the steering wheel.
4. Avoid disengaging the clutch or changing gears speed when climbing or going down a slope. If on a slope disengaging the clutch or changing gears to neutral could cause loss of control.
5. Special attention should be made to the weight and location of implements and loads as such will affect the stability of the tractor.
6. To improve stability on slope, set widest wheel tread as shown in "TIRES, WHEELS AND BALLAST" section.
   Follow recommendations for proper ballasting.

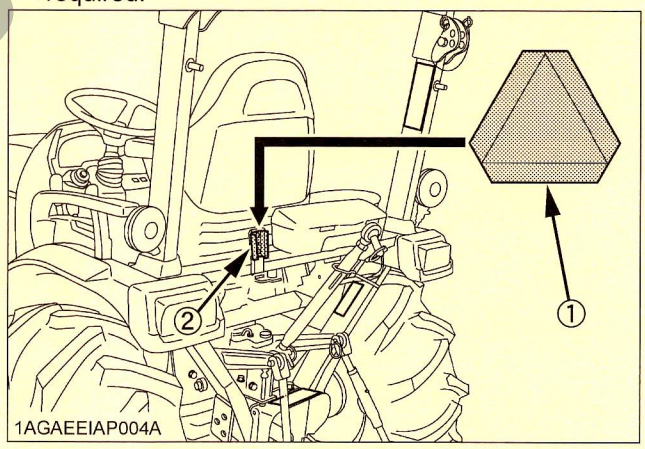
◆ Driving the tractor on the road

1. Lock the 2 brake pedals together to help assure straight-line stops. Uneven braking at road speeds could cause the tractor to tip over.



(1) Brake Pedal (LH) *(A) Whenever travelling on the road*
(2) Brake Pedal (RH)
(3) Brake Pedal Lock

2. Check the front wheel engagement. The braking characteristics are different between 2 and 4-wheel drive. Be aware of the difference and use carefully.
3. Always slow the tractor down before turning. Turning at high speed may tip the tractor over.
4. Make sure that the Slow Moving Vehicle (SMV) sign is clean and visible. Use hazard lights and turn signals as required.



(1) SMV emblem
(2) Bracket

5. Observe all local traffic and safety regulations.
6. Turn the headlights on. Dim them when meeting another vehicle.
7. Drive at speeds that allow you to maintain control at all times.
8. Do not apply the differential lock while traveling at road speeds. The tractor may run out of control.
9. Avoid sudden motions of the steering wheel as they can lead to a dangerous loss of stability. The risk is especially great when the tractor is traveling at road speeds.

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SPECIFICATIONS

SPECIFICATION TABLE

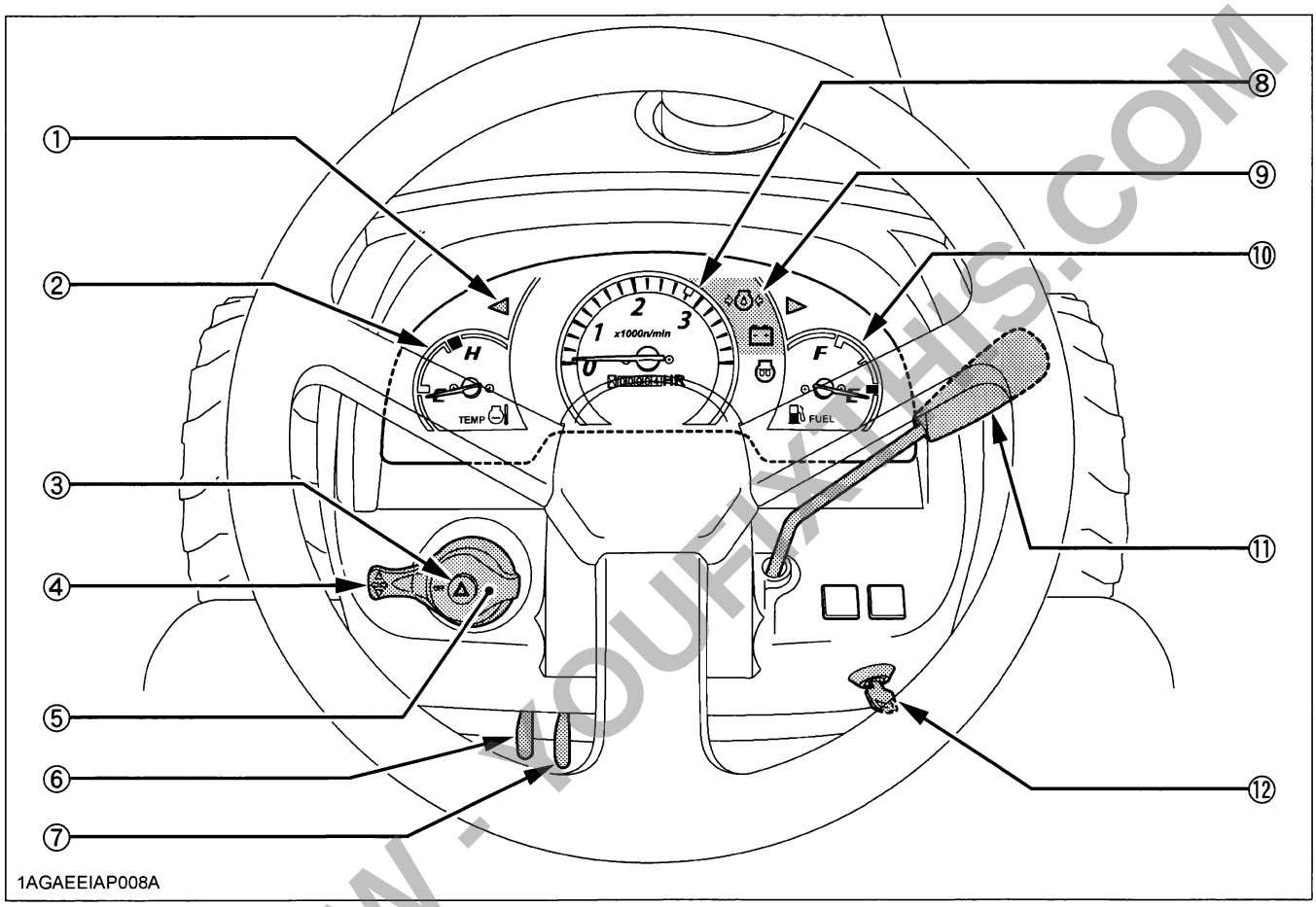
Model				B2301HSD	B2601HSD
PTO power			kW (HP)	13.0 (17.5)*	14.5 (19.5)*
Engine	Maker			KUBOTA	
	Model			D1005-E4-D32	D1105-E4-D32
	Type			E-TVCS, liquid cooled, 3-cylinder diesel	
	Number of cylinders			3	
	Bore and stroke		mm (in.)	ϕ76x73.6 (ϕ3.0x2.9)	ϕ78x78.4 (ϕ3.1x3.1)
	Total displacement		cc (cu.in.)	1001 (61.1)	1123 (68.5)
	Engine gross power		kW (HP)	16.4 (22)*	19.0 (25.5)*
	Rated revolution		rpm	2800	
	Low idling revolution		rpm	1000 to 1100	
	Maximum torque		N-m (ft-lb)	60 (44)	71 (52)
	Battery			12V, RC : 80min, CCA : 430A	
Capacities	Fuel tank		L (U.S.gals.)	23 (6.1)	
	Engine crankcase (with filter)		L (U.S.qts.)	3.1 (3.3)	
	Engine coolant		L (U.S.qts.)	3.8 (4.0)	
	Transmission case		L (U.S.gals.)	15 (4.0)	
Dimensions	Overall length (without 3P)		mm (in.)	2380 (93.7)	2410 (94.9)
	Overall width (min. tread)		mm (in.)	1150 (45.3)	1245 (49.0)
	Overall height		mm (in.)	2130 (83.9)	2160 (85.0)
	Wheel base		mm (in.)	1560 (61.4)	
	Minimum ground clearance		mm (in.)	305 (12.0)	325 (12.8)
	Tread	Front	mm (in.)	800 (31.5)	815 (32.1)
		Rear	mm (in.)	900 (35.5)	950 (37.4)
Weight			kg (lbs.)	710 (1566)	740 (1632)
Clutch				Not applicable	
Traveling system	Tires	Front		6-12	7-12
		Rear		9.5-16	11.2-16
	Steering			Hydrostatic type power steering	
	Transmission			HST (3 ranges)	
	Brake			Dry single plate	
	Minimum turning radius (with brake)		m (feet)	2.1 (6.9)	

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INSTRUMENT PANEL AND CONTROLS

■ Instrument Panel, Switches and Hand Controls



ILLUSTRATED CONTENTS

(1) Turn signal / Hazard light indicator..... 20
(2) Coolant temperature gauge..... 26
(3) Hazard light switch..... 20
(4) Turn signal light switch..... 20
(5) Head light switch..... 20
(6) Parking brake lever..... 27
(7) Speed set lever..... 24
(8) Hourmeter / Tachometer..... 27
(9) Easy Checker (TM)..... 25
(10) Fuel gauge..... 26
(11) Hand throttle lever..... 23
(12) Key switch..... 10

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OPERATING THE TRACTOR

OPERATING NEW TRACTOR

How a new tractor is handled and maintained determines the life of the tractor.

A new tractor just off the factory production line has been, of course, tested, but the various parts are not accustomed to each other, so care should be taken to operate the tractor for the first 50 hours at a slower speed and avoid excessive work or operation until the various parts become "broken-in." The manner in which the tractor is handled during the "breaking-in." period greatly affects the life of your tractor. Therefore, to obtain the maximum performance and the longest life of the tractor, it is very important to properly break-in your tractor. In handling a new tractor, the following precautions should be observed.

■Do not Operate the Tractor at Full Speed for the First 50 Hours

- Do not start quickly nor apply the brakes suddenly.
- In winter, operate the tractor after fully warming up the engine.
- Do not run the engine at speeds faster than necessary.
- On rough roads, slow down to suitable speeds. Do not operate the tractor at fast speed.

The above precautions are not limited only to new tractors, but to all tractors. But it should be especially observed in the case of new tractors.

■Changing Lubricating Oil for New Tractors

The lubricating oil is especially important in the case of a new tractor. The various parts are not "broken-in" and are not accustomed to each other; small metal grit may develop during the operation of the tractor; and this may wear out or damage the parts. Therefore, care should be taken to change the lubricating oil a little earlier than would ordinarily be required.

For further details of change interval hours, see "MAINTENANCE" section.

BOARDING AND LEAVING THE TRACTOR

1. Never try to get on or off a moving tractor or jump off the tractor to exit.
2. Face the tractor when getting into or out of the tractor. Do not use the controls as hand holds to prevent inadvertent machine movements.
3. Always keep steps and floor clean to avoid slippery conditions.

OPERATING FOLDABLE ROPS

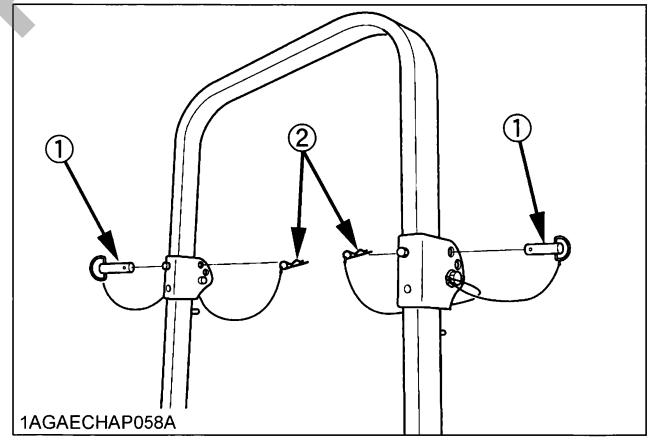
WARNING

To avoid personal injury or death:

- **When raising or folding the ROPS, apply parking brake, stop the engine and remove the key.**
  Always perform function from a stable position at the rear of tractor.
- **Fold the ROPS down only when absolutely necessary and fold it up and lock it again as soon as possible.**
- **Before proceeding to fold ROPS, check for any possible interference with installed implements and attachments.**
  If interference occurs, contact your KUBOTA Dealer.

■To Fold the ROPS

1. Remove both set bolts, maintain a hold on the ROPS.

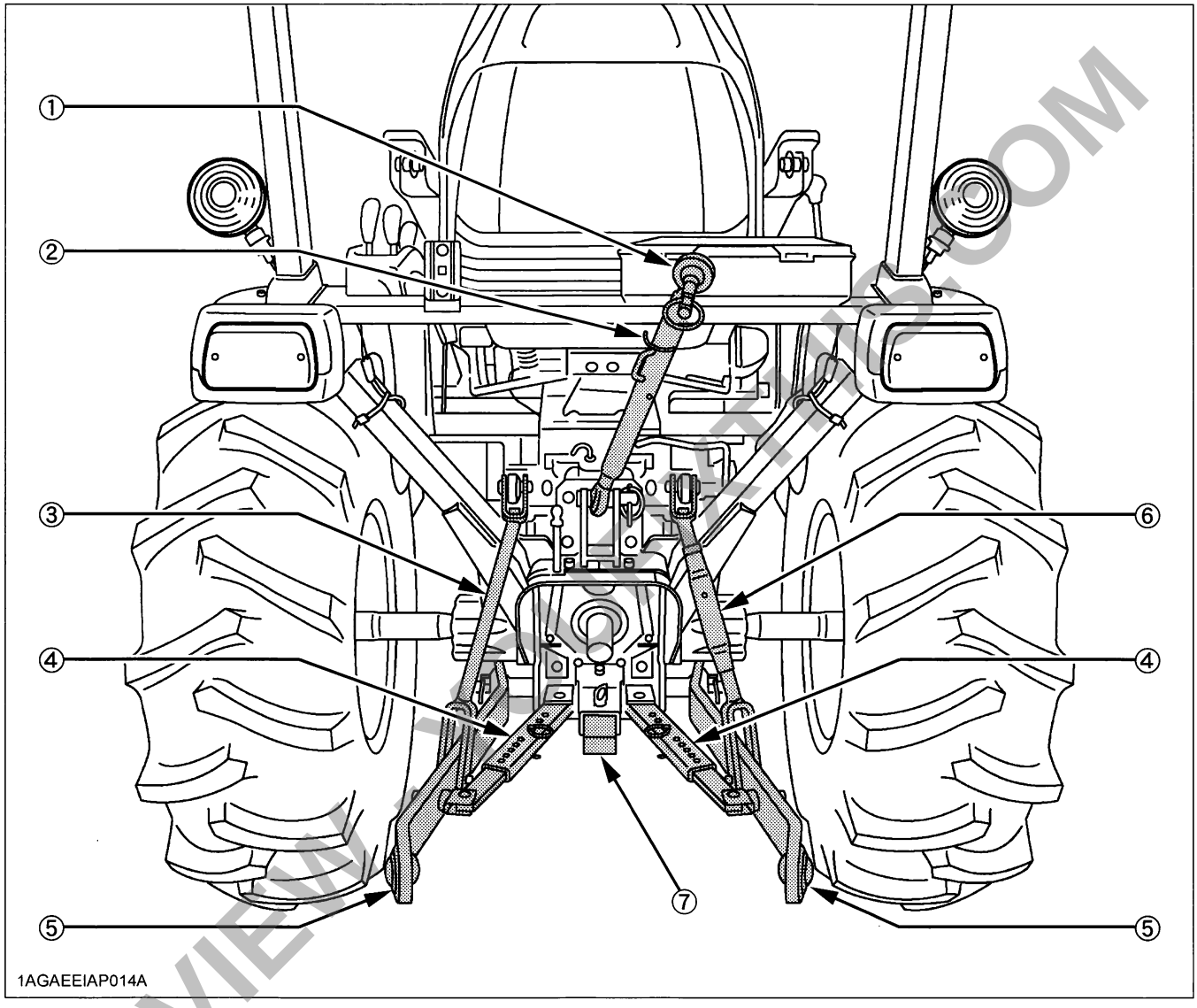


(1) Set bolt
(2) Hair pin

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3-POINT HITCH & DRAWBAR



(1) Top link
(2) Top link holder
(3) Lifting rod (Left)
(4) Telescopic stabilizers
(5) Lower link
(6) Lifting rod (Right)
(7) Drawbar

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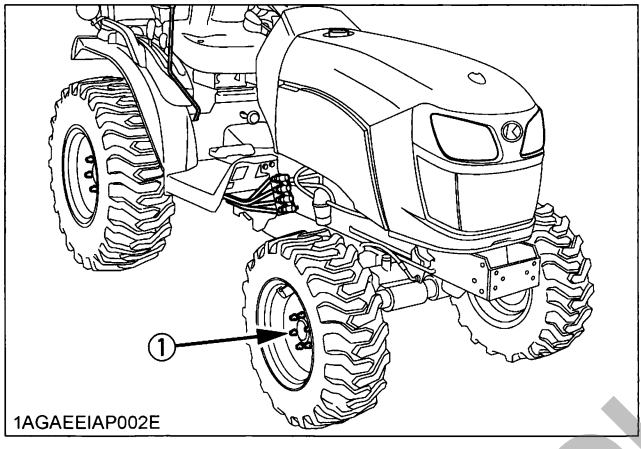
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■Front Wheels

Front tread width can not be adjusted.

IMPORTANT :

- Do not turn front discs to obtain wider tread.
  In setting up the front wheels, make sure that the inflation valve stem of the tires face outward.
- When re-fitting or adjusting a wheel, tighten the bolts to the following torques then recheck after driving the tractor 200 m (200 yards) and 10 times of shuttle movement by 5 m (5 yards), and thereafter according to service interval. (See "MAINTENANCE" section.)

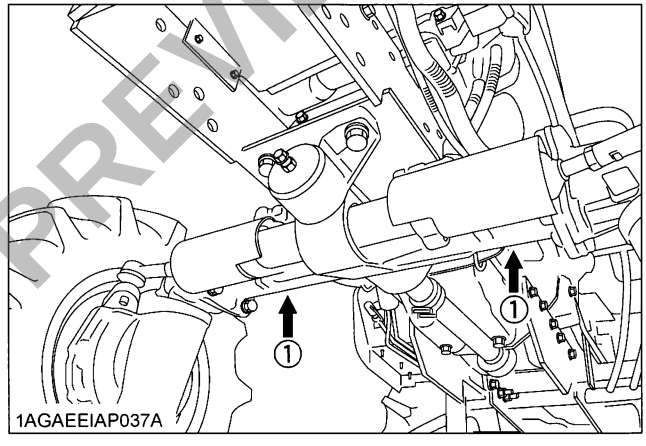


(1) 79 to 92 N-m (8.1 to 9.4 kgf-m, 58.3 to 67.9 ft-lbs)

WARNING

To avoid personal injury or death:

- **Before jacking up the tractor, park it on a firm and level ground and chock the rear wheels.**
- **Fix the front axle to keep it from swinging.**
- **Select jacks that withstand the machine weight and set them up as shown below.**



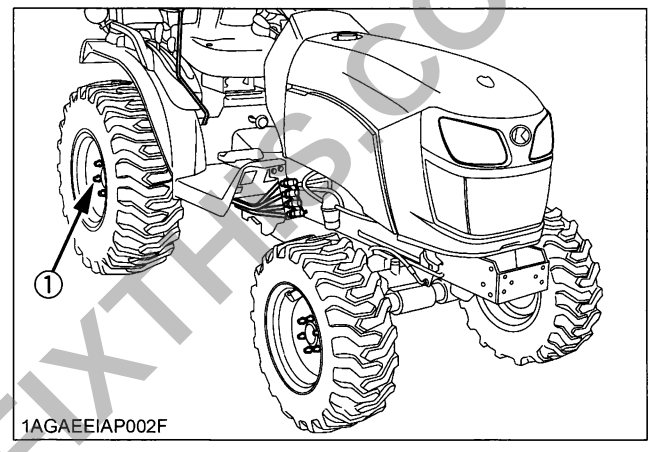
(1) Jack point

■Rear Wheels

Rear tread width can not be adjusted.

IMPORTANT :

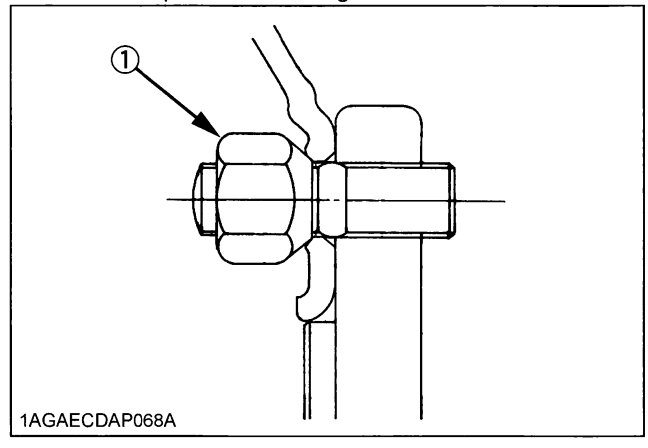
- When re-fitting or adjusting a wheel, tighten the bolts to the following torques then recheck after driving the tractor 200 m (200 yards) and 10 times of shuttle movement by 5 m (5 yards), and thereafter according to service interval. (See "MAINTENANCE" section.)



(1) 145 to 150 N-m (14.8 to 15.3 kgf-m, 107.0 to 110.6 ft-lbs)

[Wheels with beveled or tapered holes]

- Use the tapered side of lug nut.



(1) Lug nut

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MAINTENANCE

SERVICE INTERVALS

No.	Items		Indication on hour meter															Interval	Ref. page		
			50	100	150	200	250	300	350	400	450	500	550	600	650	700	800				
1	Engine oil	Change	◎			○				○				○			○	every 200 Hr	61		
2	Engine oil filter	Replace	◎			○				○				○			○	every 200 Hr	61		
3	Transmission oil filters [HST]	Replace	◎			○				○				○			○	every 200 Hr	62		
4	Hydraulic oil filter	Replace	◎							○							○	every 400 Hr	65		
5	Transmission fluid	Change								○							○	every 400 Hr	64		
6	Front axle case oil	Change								○							○	every 400 Hr	67		
7	Front axle pivot	Adjust								○							○	every 400 Hr	66		
8	Engine start system	Check	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	every 50 Hr	55		
9	Greasing	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	every 50 Hr	55		
10	Wheel bolt torque	Check	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	every 50 Hr	56		
11	Battery condition	Check		○		○		○		○		○		○		○	○	every 100 Hr	56	*5	
12	Air cleaner element [Double element type] Primary element	Clean		○		○		○		○		○		○		○	○	every 100 Hr	58	*1	@
		Replace																every 1 year	67	*2	
	Air cleaner element [Double element type] Secondary element	Replace																every 1 year	67		
13	Fuel filter element	Clean		○		○		○		○		○		○		○	○	every 100 Hr	58		@
		Replace								○							○	every 400 Hr	66		
14	Fan belt	Adjust		○		○		○		○		○		○		○	○	every 100 Hr	59		
15	Brake	Adjust		○		○		○		○		○		○		○	○	every 100 Hr	60		

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