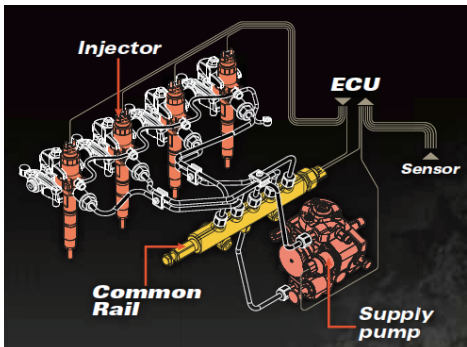


# KX

## KX040-4



# FEATURES



### Common Rail System and Diesel Particulate Filter (DPF) Muffler

The Common Rail System (CRS) electronically controls the fuel injection timing and amount in stages rather than all at once for optimal combustion. The results are greater efficiency, better fuel economy and less engine noise. Its combination with the Exhaust Gas Recirculation (EGR) and Diesel Particulate Filter (DPF) Muffler reduces harmful emissions to make the KX040-4 Tier IV-compliant.



### Automatic Regeneration System

Kubota's original automatic regeneration system automatically burns accumulated particulate matter (soot) in the DPF muffler to keep the muffler clean for longer operation. For safety reasons, automatic regeneration can be turned off with the inhibit switch when the excavator is operating in areas that are prone to fires.



### Introducing ECO PLUS®

Kubota's original ECO PLUS® prioritizes fuel economy, and supports the environment.

For tough digging applications, use Standard Mode and experience a 3% productivity improvement over the prior model and use less fuel, up to 12% less.



### Spacious Cab

Designed for greater comfort, the large cab with a fully flat floor provides more legroom to minimize fatigue.



### Easy-open Front Slide Window

Unlike many excavator windows, the front glass window of the KX040-4 opens with ease. Just flip the latches on the window sides and slide it up. A gas-assist mechanism makes this action almost effortless.

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### Wider Entrance

The KX040-4's larger cab provides a much wider door and more ample foot space, to make getting on and off the excavator a breeze.



### Deluxe Suspension Seat

Kubota's high-back suspension seat has been designed for maximum operator comfort and to minimize fatigue during extended machine operation. The deluxe reclining seat offers weight compensation, firm adjustable wrist support and retractable seat belts.



### Fully Flat Floor

For added comfort, the cabin floor is completely flat for greater legroom and a more spacious feel.



### Proportional Flow Control of Auxiliary Circuit (AUX1/2) and Maximum Oil Flow Setting

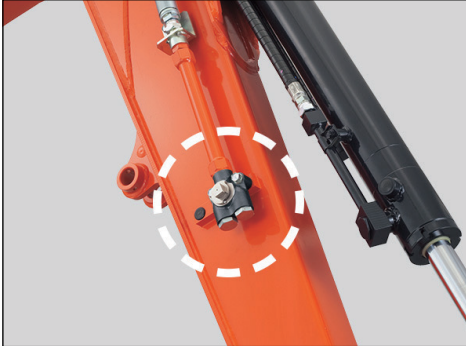
The KX040-4 is available with a standard AUX1 and optional AUX2 auxiliary circuits. The convenient thumb-operated switch on the lever allows easy proportional flow control of the auxiliary circuit, while a forefinger-operated on/off switch enables simple operation of special applications that require a constant oil flow. The maximum oil flow setting is conveniently adjustable from the digital panel. Up to five flow rates corresponding to specific attachments can be programmed in the memory on the digital panel for easy retrieval for the next job.

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## KX040-4

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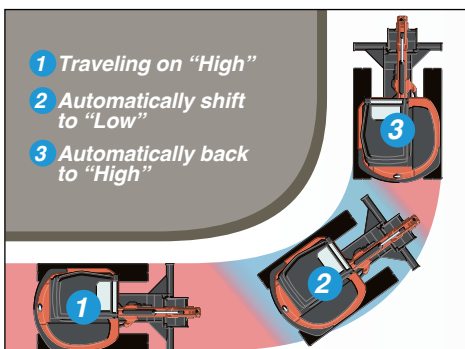
### AUX1 Diverter Valve

With the AUX1 diverter valve, the AUX oil supply can be changed without having to remove the thumb pipeline when the operator wants to use a hydraulic attachment.



### Strong Bucket Breakout

Even when heavily loaded, the KX040-4 won't slow down, thanks to its powerful breakout force. With the pin-on or quick coupler bucket, the bucket breakout force is more than enough for even the toughest excavating jobs.



### Auto down shift

The Auto down shift system enables automatic travel shift from high to low depending on traction effort and terrain. This gives smoother simultaneous operations when dozing and turning.



### Auto Idling System

Save fuel with Kubota's Auto Idle. When the control levers are in neutral for more than 4 seconds, the engine RPM automatically idles. Move any control lever and the engine RPM immediately returns. This innovative feature reduces noise and exhaust emissions while reducing operating costs.



### Thumb Bracket and Relief Valves

The hydraulic thumb makes short work of a variety of loading and material handling jobs. The factory installed mount brackets and hydraulics significantly reduce the time needed to mount accessories.



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### Hydraulic Angle Blade

Save time and work more efficiently. With a simple movement of the dozer lever, the hydraulic angle blade can be angled to the right or left to push soil to the side as the machine moves forward, eliminating the need for repetitive repositioning at right angles when backfilling trenches.



### Angle blade control

Simply operate the rocker switch on the top of the blade lever to angle the blade up to 25° left or right. Work more efficiently and save time pushing soil to the side as the machine moves forward. After backfilling, just travel backward along the covered trench with the dozer in the float position for a beautiful finish!



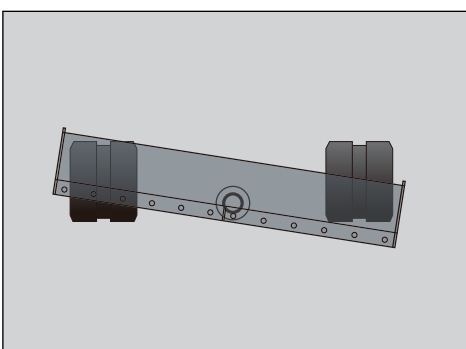
### Hydraulic 6-in-1 Blade

Kubota's hydraulic 6-in-1 Blade can be angled right and left, and now, tilted as well. This blade enables six different positions: neutral, float-up, left-end-up, right-end-up, left-end-forward and right-end-forward. This feature makes leveling and backfilling work incredibly easy, even on inclines and uneven terrain, making you more productive and more efficient.



### Tilt Blade Control

The 6-in-1 blade is a true productivity enhancer, and operation is now even more rewarding. Blade up, down, and float functions are the same as the previous model. Operate the rocker switch on top of the blade control to tilt the blade 10° up or down, and simply twist the control handle to angle the blade 25° left or right. Command all six functions simultaneously for more convenient control of landscaping, shaping, and backfilling jobs.



### Superior Width and Tilt Angle

This 5' 10.9"-wide blade stretches across the entire machine width, even when tilted. It can be tilted a generous 10 degrees right or left, allowing the operator to dig ditches easily when tilted on a flat surface.

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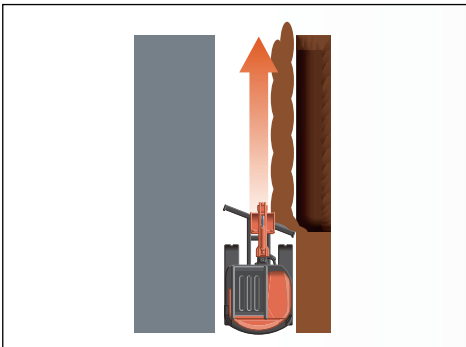
### Bolt-On cutting Edge (BOE)

The cutting edge protects the angle and 6-in-1 blade during heavy-duty dozing operations. The reversible cutting edge is divided into two sections to easily invert the edge for continued use.



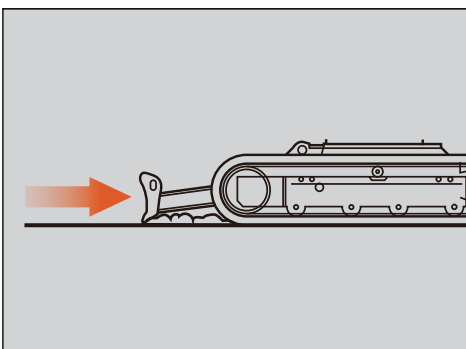
### Tie-down/Lift Points

The dozer blade's thick side plates improve the tie-down point's durability. Use them also as lifting points, along with the lifting point on top of the boom, for convenient 3-point crane lifting of the KX040-4.



### Tight Spots

The angle blade lets you work efficiently in confined spaces, along-side walls, and near busy roads. No wider than the tracks, it's also easy to transport between jobs.



### Float Position

The float function is a standard feature on the KX040-4. Ground finishing work can be completed quickly and simply without the need to adjust the dozer height. After backfilling, simply travel backwards along the covered ditch with the dozer in the float position.



### Fully locked hydraulic system

An Engine Start Lockout System prevents the engine from starting when the safety levers are lowered. A Safety Lever Lockout System helps prevent unexpected excavator and attachment movement when entering or exiting the machine. An Auto House Parking Brake automatically locks the house in the position it was in when the engine was shut off, eliminating the need for a swing lock pin. It also makes the excavator more compact during transport and more secure when parked on an incline.



# KX040-4



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### TPSS

The Two-Pattern Selection System positioned under the seat allows the operator to shift control styles conveniently while seated. A simple turn of a switch is all it takes to select between the ISO pattern and the SAE backhoe pattern.



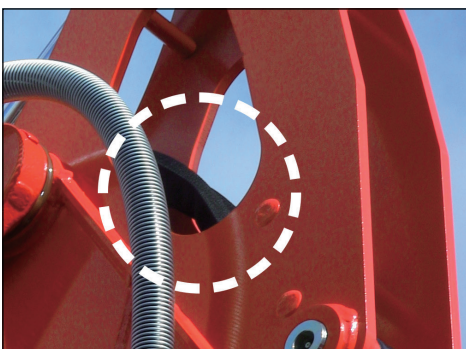
### One-sided Engine Maintenance

Kubota makes it easier for you to keep the KX040-4 in tip-top condition. Full-opening rear and right side hoods make access to the engine, control valves and various components easier for inspections and repairs.



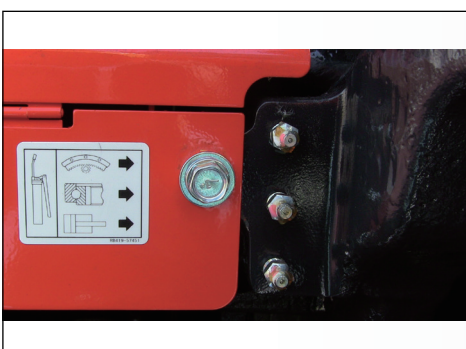
### Two-piece Hose Design

The two-piece hose connections for the dozer cylinder hoses simplify hose replacement and reduce downtime.



### Protected Cylinder Hoses

The bucket cylinder hoses are located inside the arm. And the boom cylinder hoses are routed under the boom bottom.



### Centralized Swivel Bearing Lubrication

Grease ports for the swivel bearing, gear teeth, and swing cylinder pin are conveniently grouped on the front of the house.



# KX

## KX040-4

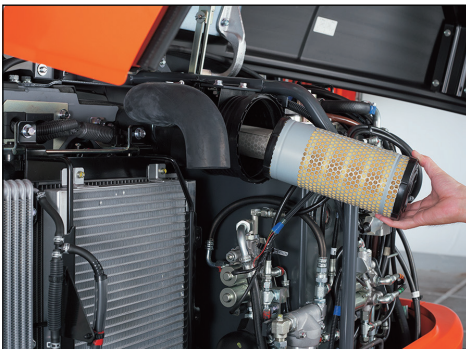
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### Front Pin Bushings

To maximize durability, we've introduced bushings on all of the pivot points on the front attachment and connecting points on the swing bracket.



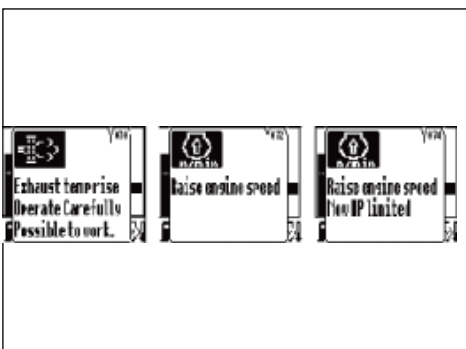
### Dual element air filter

Excavators often operate in dusty conditions. To maintain outstanding engine durability, dual element air filters help ensure that only clean air enters the engine.



### Digital Panel

Following the excellence of Kubota's Intelligent Control System, the digital panel puts convenience at the operator's fingertips. Featuring easier button operation, the user-friendly digital panel is positioned to the front right corner of the operator. This operator-facing wider display greatly improves visibility. With easier access, simpler settings, easy-to-read indicators and alerts, you'll always be aware of the excavator's functioning status.



### Automatic Regeneration Mode

The automatic regeneration system automatically burns particulate matter (soot) that accumulates in the diesel particulate filter (DPF) muffler. The soot is burned when the engine is operating at sufficient engine speed for regeneration. If the engine speed is lower than the required level for regeneration, the indicator requests an increase in the engine speed to keep the accumulation level low and the DPF clean. A service call or DPF filter replacement is required when the accumulated soot reaches a level that reduces the engine speed.



### ROPS/OPG (Top Guard, level I) Canopy and Cabin

The OSHA-certified ROPS/OPG (Top Guard, level I) canopy and cabin provide protection in the event of accidental rollovers and falling objects.