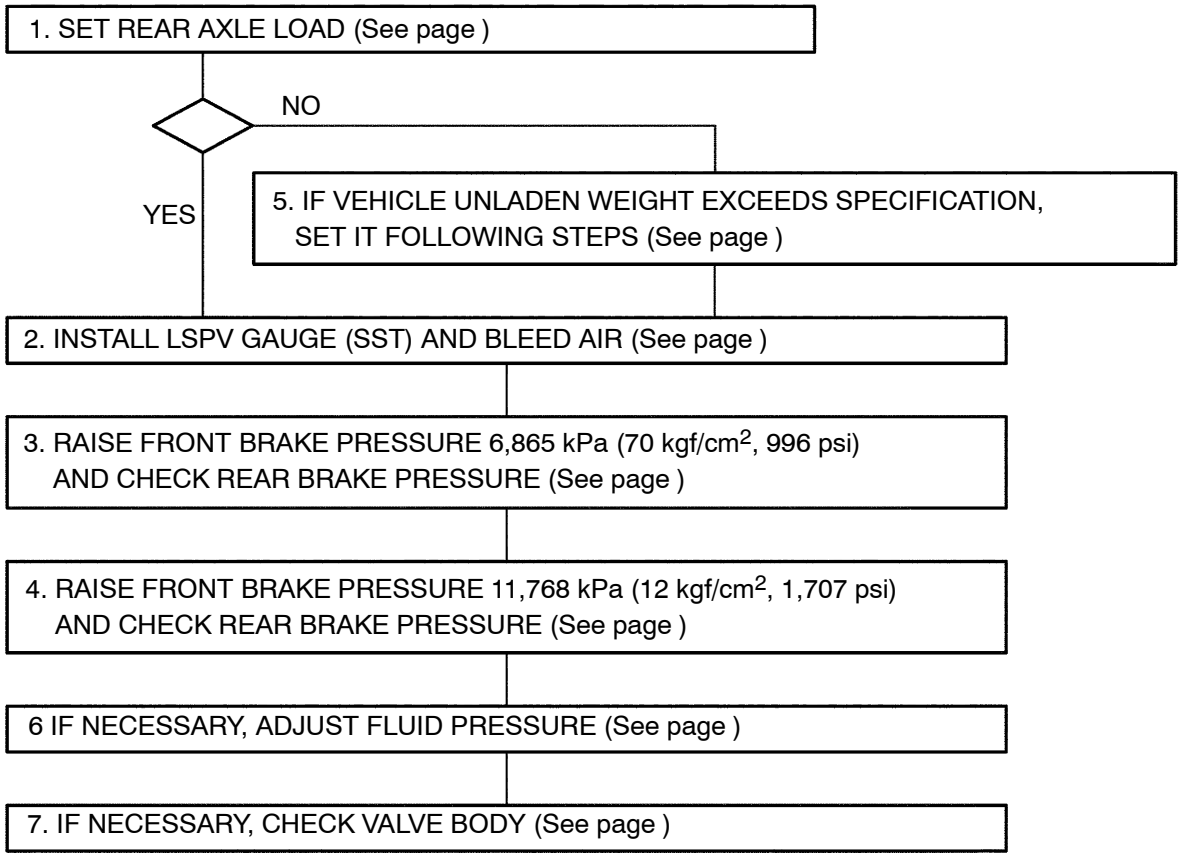
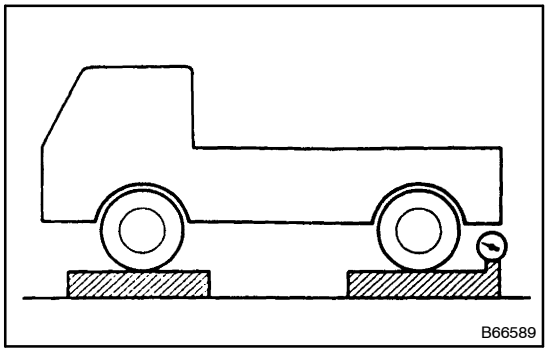
LOAD SENSING PROPORTIONING VALVE

320U7–01

ON–VEHICLE INSPECTION

PROCEDURE FLOW OF ON–VEHICLE INSPECTION





1. SET REAR AXLE LOAD

XZU302–TPMLS3	1,000 kg (2,200 lb)

HINT:
If the vehicle unladen weight exceeds the specification, set it by following step 5.

Rear axle load (including vehicle weight) table for the BU series:

Model	Front brake	Rear axle load kg (lb)
BU300R–TKMMWQ3	Disc	1,350 (3,030)
BU300R–TQMMWQ3	Disc	1,350 (3,030)
BU303L–TBMLS	Drum	1,300 (2,920)

BU303L–TBMLS3	Drum	1,300 (2,920)
BU303L–TBMMS	Drum	1,600 (3,590)
BU303L–TBMMS3	Drum	1,600 (3,590)
BU303L–TBMMS3	Disc	1,200 (2,700)
BU303R–TBMLS	Drum	1,300 (2,920)
BU303R–TBMLS3	Drum	1,300 (2,920)
BU303R–TBMMS	Drum	1,600 (3,590)
BU303R–TBMMS	Disc	1,200 (2,700)
BU303R–TBMMS3	Drum	1,600 (3,590)
BU303R–TBMMS3	Disc	1,200 (2,700)
BU340R–TKMMWQ3	Disc	1,400 (3,140)
BU343L–TKMMS	Drum	1,600 (3,590)
BU343L–TKMMS	Disc	1,150 (2,580)
BU343L–TKMMS3	Drum	1,600 (3,590)
BU343L–TKMMS3	Disc	1,150 (2,580)
BU343L–TKMQS	Drum	1,600 (3,590)
BU343L–TKMQS	Disc	1,200 (2,700)
BU343L–TKMQS3	Drum	1,600 (3,590)
BU343L–TKMQS3	Disc	1,200 (2,700)
BU343R–TKMMS	Drum	1,600 (3,590)
BU343R–TKMMS	Disc	1,150 (2,580)
BU343R–TKMMS3	Drum	1,600 (3,590)
BU343R–TKMMS3	Disc	1,150 (2,580)
BU343R–TKMQS	Drum	1,600 (3,590)
BU343R–TKMQS	Disc	1,200 (2,700)
BU343R–TKMQS3	Drum	1,600 (3,590)
BU343R–TKMQS3	Disc	1,200 (2,700)
BU410L–TKFQWR3	Drum	1,730 (3,890)
BU410L–TKFRWR3	Drum	1,650 (3,710)
BU420L–TKFQWR3	Drum	1,730 (3,890)
BU420L–TKFRWR3	Drum	1,650 (3,710)
BV303L–TBMMS	Disc	1,200 (2,700)

Rear axle load (including vehicle weight) table for the WU series:

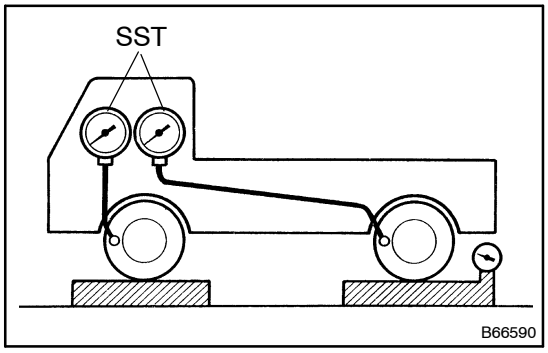
Model	Front brake	Rear axle load kg (lb)
WU300L–HBMLS	Drum	1,300 (2,920)
WU300L–HBMLS3	Drum	1,300 (2,920)
WU300L–HBMMS	Drum	1,600 (3,590)
WU300L–HBMMS	Disc	1,250 (2,810)
WU300L–HBMMS3	Drum	1,600 (3,590)
WU300L–HBMMS3	Disc	1,250 (2,810)
WU300L–TBMLSV	Drum	1,300 (2,920)
WU300L–TBMLSV3	Drum	1,300 (2,920)
WU300L–TBMMSV	Drum	1,600 (3,590)
WU300L–TBMMSV	Disc	1,250 (2,810)
WU300L–TBMMSV3	Drum	1,600 (3,590)
WU300L–TBMMSV3	Disc	1,250 (2,810)
WU340L–HKMMS	Drum	1,600 (3,590)
WU340L–HKMMS	Disc	1,150 (2,580)
WU340L–HKMMS3	Drum	1,600 (3,590)
WU340L–HKMMS3	Disc	1,150 (2,580)
WU340L–TKMMSV	Drum	1,600 (3,590)
WU340L–TKMMSV	Disc	1,150 (2,580)

WU340L–TKMMSV3	Drum	1,600 (3,590)
WU340L–TKMMSV3	Disc	1,150 (2,580)
WU410L–HKMMS3	Drum	1,550 (3,480)
WU410L–HKMQS	Drum	1,730 (3,890)
WU410L–HKMQS3	Drum	1,730 (3,890)
WU410L–TKMQS	Drum	1,730 (3,890)
WU410L–TKMQS3	Drum	1,730 (3,890)
WU410L–TKMQSV	Drum	1,730 (3,890)
WU410L–TKMQSV3	Drum	1,730 (3,890)
WU410R–HKMMS3	Drum	1,550 (3,480)
WU410R–HKMQS	Drum	1,730 (3,890)
WU410R–HKMQS3	Drum	1,730 (3,890)
WU410R–TKMQS	Drum	1,730 (3,890)
WU410R–TKMQS3	Drum	1,730 (3,890)
WU410R–TKMRS	Drum	1,650 (3,710)
WU410R–TKMRS3	Drum	1,650 (3,710)

Rear axle load (including vehicle weight) table for the XZU series:

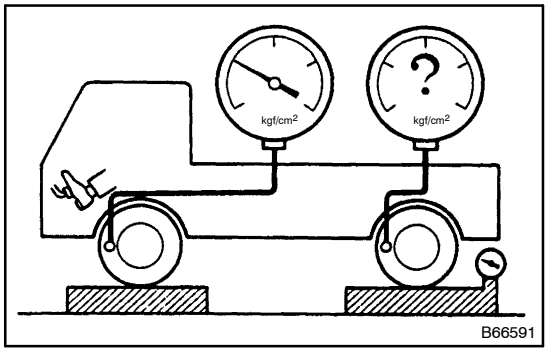
Model	Front brake	Rear axle load kg (lb)
XZU300L–TKMMWR3	Drum	1,650 (3,710)
XZU300L–TKMQWR3	Drum	1,780 (4,000)
XZU320L–TMMQWR3	Drum	1,730 (3,890)
XZU330L–TKMQWR3	Drum	1,550 (3,480)
XZU330L–TKMSWR3	Drum	1,600 (3,590)
XZU340L–TKMSWR3	Drum	1,650 (3,710)
XZU404R–HKMMWQ3	Disc	1,400 (3,140)
XZU404R–TKMMWQ3	Disc	1,400 (3,140)
XZU412L–HKMMW3	Drum	1,550 (3,480)
XZU412L–HKMQW3	Drum	1,730 (3,890)
XZU412L–HKMRS	Drum	1,650 (3,710)
XZU412L–HKMRS3	Drum	1,650 (3,710)
XZU412L–HKMRSV	Drum	1,650 (3,710)
XZU412L–HKMRSV3	Drum	1,650 (3,710)
XZU412L–HKMRW3	Drum	1,650 (3,710)
XZU412L–HKMTSV	Drum	1,730 (3,890)
XZU412L–HKMTSV3	Drum	1,730 (3,890)
XZU412L–HKMTW3	Drum	1,730 (3,890)
XZU412L–TKMMW3	Drum	1,550 (3,480)
XZU412L–TKMQW3	Drum	1,730 (3,890)
XZU412L–TKMRS	Drum	1,650 (3,710)
XZU412L–TKMRS3	Drum	1,650 (3,710)
XZU412L–TKMRSV	Drum	1,650 (3,710)
XZU412L–TKMRSV3	Drum	1,650 (3,710)
XZU412L–TKMRW3	Drum	1,650 (3,710)
XZU412L–TKMTSV	Drum	1,730 (3,890)
XZU412L–TKMTSV3	Drum	1,730 (3,890)
XZU412L–TKMTW3	Drum	1,730 (3,890)
XZU412R–HKMMW	Drum	1,550 (3,480)
XZU412R–HKMMW3	Drum	1,550 (3,480)
XZU412R–HKMQW	Drum	1,730 (3,890)
XZU412R–HKMQW3	Drum	1,730 (3,890)
XZU412R–HKMRS	Drum	1,650 (3,710)
XZU412R–HKMRS3	Drum	1,650 (3,710)

XZU412R–TKMMW	Drum	1,550 (3,480)
XZU412R–TKMMW3	Drum	1,550 (3,480)
XZU412R–TKMQW	Drum	1,730 (3,890)
XZU412R–TKMQW3	Drum	1,730 (3,890)
XZU412R–TKMRS	Drum	1,650 (3,710)
XZU412R–TKMRS3	Drum	1,650 (3,710)
XZU414L–TKMMW3	Drum	1,550 (3,480)
XZU414R–HKMMWQ3	Disc	1,300 (2,920)
XZU414R–TKMMWQ3	Disc	1,300 (2,920)
XZU422L–HKMRS	Drum	1,650 (3,710)
XZU422L–HKMRS3	Drum	1,650 (3,710)
XZU422L–HKMRSV	Drum	1,650 (3,710)
XZU422L–HKMRSV3	Drum	1,650 (3,710)
XZU422L–HKMRW3	Drum	1,650 (3,710)
XZU422L–HKMTS3	Drum	1,650 (3,710)
XZU422L–HKMTSV	Drum	1,650 (3,710)
XZU422L–HKMTSV3	Drum	1,650 (3,710)
XZU422L–HKMTW3	Drum	1,650 (3,710)
XZU422L–TKMRS	Drum	1,650 (3,710)
XZU422L–TKMRS3	Drum	1,650 (3,710)
XZU422L–TKMRSV	Drum	1,650 (3,710)
XZU422L–TKMRSV3	Drum	1,650 (3,710)
XZU422L–TKMRW3	Drum	1,650 (3,710)
XZU422L–TKMTSV	Drum	1,650 (3,710)
XZU422L–TKMTSV3	Drum	1,650 (3,710)
XZU422L–TKMTW3	Drum	1,650 (3,710)
XZU422R–HKMRS3	Drum	1,650 (3,710)
XZU422R–TKMRS	Drum	1,650 (3,710)
XZU422R–TKMRS3	Drum	1,650 (3,710)
XZU424L–HKMTW3	Drum	1,650 (3,710)
XZU424L–TKMRW3	Drum	1,650 (3,710)
XZU424L–TKMTWN3	Drum	1,650 (3,710)
XZU422L–HKMTS	Drum	1,650 (3,710)
XZU422R–HKMRS	Drum	1,650 (3,710)



2. INSTALL LSPV GAUGE (SST) AND BLEED AIR

SST 09709–29018



3. RAISE FRONT BRAKE PRESSURE 6,865 kPa (70 kgf/cm^2, 996 psi) AND CHECK REAR BRAKE PRESSURE

XZU302–TPMLS3	5.8 MPa ± 0.49 MPa (59 ± 5 kgf/cm^2, 839 ± 71 psi)

HINT:
Gradually depress on the brake pedal until the pressure reaches the specified valve. Do not overshoot the specified pressure. Read the value of rear pressure 2 seconds after adjusting to the specified fluid pressure.

4. RAISE FRONT BRAKE PRESSURE 11,768 kPa (120 kgf/cm^2, 1,707 psi) AND CHECK REAR BRAKE PRESSURE
Rear brake fluid pressure:
7,400 kPa ± 686 kPa (75 ± 7 kgf/cm^2, 1,067 ± 100 psi)

Rear brake fluid pressure table for the BU series:

Model	Front brake	Rear brake pressure MPa (kgf/cm^2, psi)
BU300R–TKMMWQ3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU300R–TQMMWQ3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303L–TBMLS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303L–TBMLS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303L–TBMMS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303L–TBMMS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303L–TBMMS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303R–TBMLS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303R–TBMLS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303R–TBMMS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303R–TBMMS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU303R–TBMMS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU340R–TKMMWQ3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMMS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMMS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMMS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMMS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMQS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMQS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMQS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343L–TKMQS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMMS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMMS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMMS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMMS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMQS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMQS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMQS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU343R–TKMQS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
BU410L–TKFQWR3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
BU410L–TKFRWR3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
BU420L–TKFQWR3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
BU420L–TKFRWR3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
BU303L–TBMMS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)

Rear brake fluid pressure table for the WU series:

Model	Front brake	Rear brake pressure MPa (kgf/cm^2, psi)
WU300L–HBMLS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–HBMLS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–HBMMS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–HBMMS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–HBMMS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–HBMMS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–TBMLSV	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–TBMLSV3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–TBMMSV	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–TBMMSV	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–TBMMSV3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU300L–TBMMSV3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–HKMMS	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–HKMMS	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–HKMMS3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–HKMMS3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–TKMMSV	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–TKMMSV	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–TKMMSV3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU340L–TKMMSV3	Disc	5.6 ± 0.49 (57 ± 5, 810 ± 70)
WU410L–HKMMS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410L–HKMQS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410L–HKMQS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410L–TKMQS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410L–TKMQS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410L–TKMQSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410L–TKMQSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–HKMMS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–HKMQS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–HKMQS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–TKMQS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–TKMQS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–TKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
WU410R–TKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)

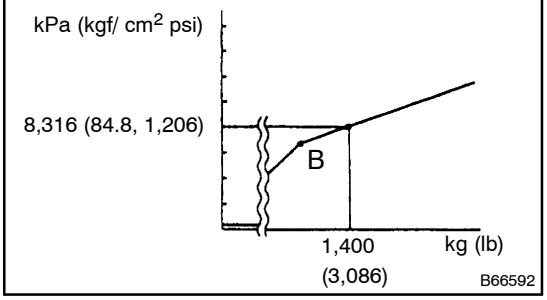
Rear brake fluid pressure table for the XZU series:

Model	Front brake	Rear brake pressure MPa (kgf/cm^2, psi)
XZU300L–TKMMWR3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
XZU300L–TKMQWR3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
XZU320L–TMMQWR3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
XZU330L–TKMQWR3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
XZU330L–TKMSWR3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
XZU340L–TKMSWR3	Drum	5.6 ± 0.49 (57 ± 5, 810 ± 70)
XZU404R–HKMMWQ3	Disc	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU404R–TKMMWQ3	Disc	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMMW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMQW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMRSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMRSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)

XZU412L–HKMRW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMTSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMTSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–HKMTW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMMW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMQW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMRSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMRSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMRW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMTSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMTSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412L–TKMTW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–HKMMW	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–HKMMW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–HKMQW	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–HKMQW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–HKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–HKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–TKMMW	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–TKMMW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–TKMQW	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–TKMQW	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–TKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU412R–TKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU414L–TKMMW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU414R–HKMMWQ3	Disc	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU414R–TKMMWQ3	Disc	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMRSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMRSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMRW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMTS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMTSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMTSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–HKMTW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMRSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMRSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMRW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMTSV	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMTSV3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422L–TKMTW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422R–HKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422R–TKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422R–TKMRS3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU424L–HKMTW3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU424L–TKMR3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU424L–TKMTWN3	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)

XZU422L–HKMTS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)
XZU422R–HKMRS	Drum	5.4 ± 0.49 (55 ± 5, 780 ± 70)

Example 1



5. IF VEHICLE UNLADEN WEIGHT EXCEEDS SPECIFICATION, SET IT BY FOLLOWING STEPS

(a) Make a graph of rear axle load and brake fluid pressure as shown in example 1 or 2, using the applicable data of A B C point data table.

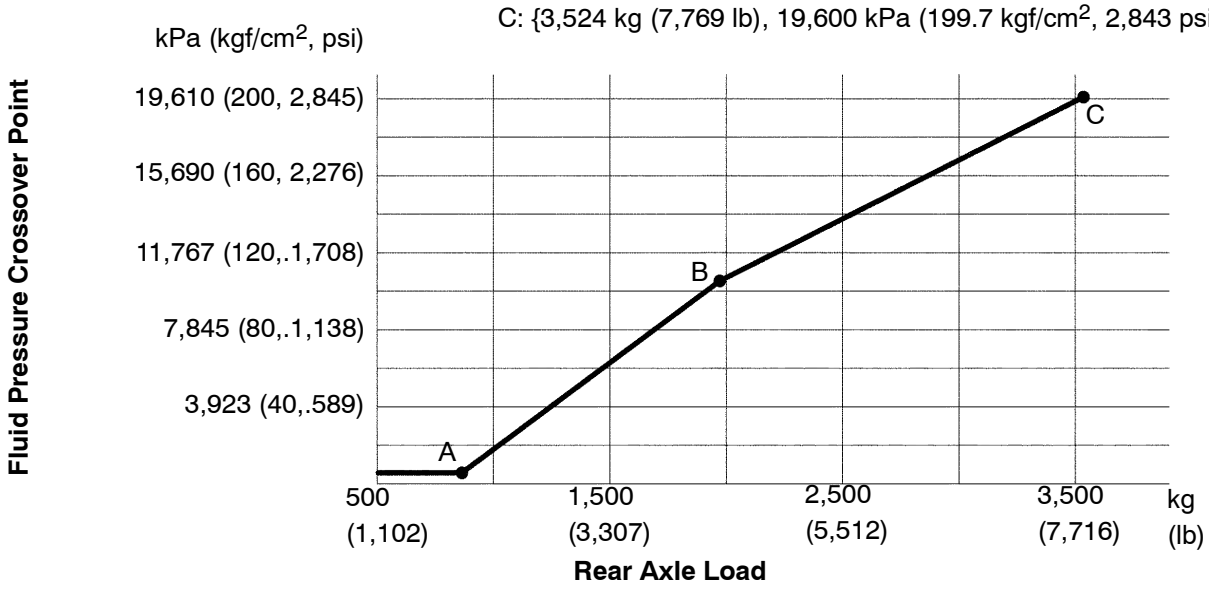
(b) Input the rear axle load on the applicable graph and find out the fluid pressure crossover point.
Example: When the rear axle load is 1,400 kg (3,086 lb), the fluid pressure crossover point is 8,316 kPa (84.8 kgf/cm^2, 1,206 psi).

(c) Calculate the rear brake pressure when the front brake pressure is 7,845 kPa (80 kgf/cm^2, 1,138 psi) using the following formula.
X: Fluid Pressure Crossover Point
X + (80 – X) x 0.37
Example:
X: 8,316 kPa (84.8 kgf/cm^2, 1,206 psi)
84.8 + (80 – 84.8) x 0.37 = 83.024
Rear brake pressure: 8,140 kPa (83.0 kgf/cm^2, 1,181 psi)
Service limit: ± 490 kPa (5 kgf/cm^2, 71 psi)

Model BU300R–TKMMWQ3

Example 2

A: {864 kg (1,905 lb), 500 kPa (5.1 kgf/cm^2, 73 psi)}
B: {1,999 kg (4,407 lb), 10,700 kPa (108.6 kgf/cm^2, 1,552 psi)}
C: {3,524 kg (7,769 lb), 19,600 kPa (199.7 kgf/cm^2, 2,843 psi)}



A B C point data table for the BU series:

Model	Front Brake	A		B		C	
		kg (lb)	kPa (kg/ cm^2, psi)	kg (lb)	kPa (kg/ cm^2, psi)	kg (lb)	kPa (kg/ cm^2, psi)
BU300R–TKMMWQ3	Disc	864 (1,905)	500 (5.1, 73)	1,999 (4,407)	10,700 (108.6,1,552)	3,524 (7,769)	19,600 (199.7,2,843)
BU300R–TQMMWQ3	Disc	864 (1,905)	500 (5.1, 73)	1,985 (4,376)	10,500 (107.3,1,523)	3,527 (7,776)	19,600 (199.7,2,843)
BU303L–TBMLS	Drum	1,009 (2,224)	500 (5.1, 73)	1,078 (2,377)	1,600 (15.8, 232)	2,556 (5,635)	10,200 (103.5,1,479)
BU303L–TBMLS3	Drum	1,009 (2,224)	500 (5.1, 73)	1,078 (2,377)	1,600 (15.8, 232)	2,556 (5,635)	10,200 (103.5,1,479)
BU303L–TBMMS	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	14,100 (143.5,2,045)
BU303L–TBMMS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	13,100 (134.1,1,900)
BU303L–TBMMS	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	16,600 (169.8,2,408)
BU303L–TBMMS Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	15,700 (160.5,2,277)
BU303L–TBMMS3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	14,100 (143.5,2,045)
BU303L–TBMMS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	13,100 (134.1,1,900)
BU303L–TBMMS3	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	16,600 (169.8,2,408)
BU303L–TBMMS3 Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	15,700 (160.5,2,277)
BU303R–TBMLS	Drum	1,009 (2,224)	500 (5.1, 73)	1,078 (2,377)	1,600 (15.8, 232)	2,556 (5,635)	10,200 (103.5,1,479)
BU303R–TBMLS3	Drum	1,009 (2,224)	500 (5.1, 73)	1,078 (2,377)	1,600 (15.8, 232)	2,556 (5,635)	10,200 (103.5,1,479)
BU303R–TBMMS	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	14,100 (143.5,2,045)
BU303R–TBMMS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	13,100 (134.1,1,900)
BU303R–TBMMS	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	16,600 (169.8,2,408)
BU303R–TBMMS Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	15,700 (160.5,2,277)
BU303R–TBMMS3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	14,100 (143.5,2,045)
BU303R–TBMMS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,642 (8,029)	13,100 (134.1,1,900)
BU303R–TBMMS3	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	16,600 (169.8,2,408)
BU303R–TBMMS3 Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,839 (4,053)	9,000 (91.3, 1,305)	3,642 (8,029)	15,700 (160.5,2,277)
BU340R–TKMMWQ3	Disc	914 (2,015)	500 (5.1, 73)	1,999 (4,407)	10,200 (104, 1,479)	3,311 (7,300)	18,100 (184.6,2,625)
BU343L–TKMMS	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	13,200 (134.3,1,915)
BU343L–TKMMS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	12,300 (126, 1,784)
BU343L–TKMMS	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	16,100 (163.9,2,335)

BU343L–TKMMS Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	15,300 (155.6, 2,219)
BU343L–TKMMS3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	13,200 (134.3, 1,915)
BU343L–TKMMS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	12,300 (126, 1,784)
BU343L–TKMMS3	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	16,100 (163.9, 2,335)
BU343L–TKMMS3 Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	15,300 (155.6, 2,219)
BU343L–TKMQS	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	13,300 (135.5, 1,929)
BU343L–TKMQS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	12,500 (127.4, 1,813)
BU343L–TKMQS	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,900 (161.8, 2,306)
BU343L–TKMQS Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,100 (153.7, 2,190)
BU343L–TKMQS3	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	13,300 (135.5, 1,929)
BU343L–TKMQS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	12,500 (127.4, 1,813)
BU343L–TKMQS3	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,900 (161.8, 2,306)
BU343L–TKMQS3 Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,100 (153.7, 2,190)
BU343R–TKMMS	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	13,200 (134.3, 1,915)
BU343R–TKMMS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	12,300 (126, 1,784)
BU343R–TKMMS	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	16,100 (163.9, 2,335)
BU343R–TKMMS Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	15,300 (155.6, 2,219)
BU343R–TKMMS3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	13,200 (134.3, 1,915)
BU343R–TKMMS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,424 (7,549)	12,300 (126, 1,784)
BU343R–TKMMS3	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	16,100 (163.9, 2,335)
BU343R–TKMMS3 Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,424 (7,549)	15,300 (155.6, 2,219)
BU343R–TKMQS	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	13,300 (135.5, 1,929)
BU343R–TKMQS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	12,500 (127.4, 1,813)
BU343R–TKMQS	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,900 (161.8, 2,306)
BU343R–TKMQS Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,100 (153.7, 2,190)
BU343R–TKMQS3	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	13,300 (135.5, 1,929)
BU343R–TKMQS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,869 (4,119)	6,600 (67, 957)	3,429 (7,560)	12,500 (127.4, 1,813)
BU343R–TKMQS3	Disc (OPT)	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,900 (161.8, 2,306)

BU343R–TKMQS3 Reinforced rear spring	Disc	525 (1,157)	500 (5.1, 73)	1,869 (4,119)	9,100 (93.3, 1,320)	3,429 (7,560)	15,100 (153.7, 2,190)
BU410L–TKFQWR3	Drum	1,247 (2,750)	500 (5.1, 73)	1,912 (4,215)	6,100 (61.7, 885)	4,134 (9,114)	12,200 (124.3, 1,769)
BU410L–TKFQWR3 Reinforced rear spring	Drum	1,135 (2,502)	500 (5.1, 73)	2,246 (4,951)	8,000 (82, 1,160)	4,134 (9,114)	13,800 (141.3, 2,002)
BU410L–TKFRWR3	Drum	1,060 (2,336)	500 (5.1, 73)	2,244 (4,947)	8,600 (87.8, 1,247)	4,891 (10,783)	16,000 (162.8, 2,321)
BU410L–TKFRWR3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,163 (4,769)	8,000 (82, 1,160)	4,891 (10,783)	14,200 (145.3, 2,060)
BU420L–TKFQWR3	Drum	1,247 (2,750)	500 (5.1, 73)	1,925 (4,243)	6,200 (62.8, 899)	4,060 (8,951)	11,900 (121.7, 1,726)
BU420L–TKFQWR3 Reinforced rear spring	Drum	1,140 (2,512)	500 (5.1, 73)	2,259 (4,980)	8,200 (83.2, 1,189)	4,060 (8,951)	13,700 (139.4, 1,987)
BU420L–TKFRWR3	Drum	1,060 (2,336)	500 (5.1, 73)	2,244 (4,947)	8,600 (87.8, 1,247)	4,829 (10,646)	15,700 (159.9, 2,277)
BU420L–TKFRWR3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,163 (4,769)	8,000 (82, 1,160)	4,829 (10,646)	14,000 (142.9, 2,031)

A B C point data table for the WU series:

Model	Front Brake	A		B		C	
		kg (lb)	kPa (kg/ cm^2, psi)	kg (lb)	kPa (kg/ cm^2, psi)	kg (lb)	kPa (kg/ cm^2, psi)
WU300L–HBMLS	Drum	1,009 (2,224)	500 (5.1, 73)	1,015 (2,237)	600 (6.1, 87)	2,497 (5,505)	9,200 (93.8, 1,334)
WU300L–HBMLS3	Drum	1,009 (2,224)	500 (5.1, 73)	1,015 (2,237)	600 (6.1, 87)	2,497 (5,505)	9,200 (93.8, 1,334)
WU300L–HBMMS	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,900 (141.8, 2,016)
WU300L–HBMMS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,000 (132.6, 1,885)
WU300L–HBMMS	Disc (OPT)	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	16,200 (164.8, 2,350)
WU300L–HBMMS Reinforced rear spring	Disc	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	15,300 (155.6, 2,219)
WU300L–HBMMS3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,900 (141.8, 2,016)
WU300L–HBMMS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,000 (132.6, 1,885)
WU300L–HBMMS3	Disc (OPT)	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	16,200 (164.8, 2,350)
WU300L–HBMMS3 Reinforced rear spring	Disc	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	15,300 (155.6, 2,219)
WU300L–TBMLSV	Drum	1,009 (2,224)	500 (5.1, 73)	1,015 (2,237)	600 (6.1, 87)	2,497 (5,505)	9,200 (93.8, 1,334)
WU300L–TBMLSV3	Drum	1,009 (2,224)	500 (5.1, 73)	1,015 (2,237)	600 (6.1, 87)	2,497 (5,505)	9,200 (93.8, 1,334)
WU300L–TBMMSV	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,900 (141.8, 2,016)
WU300L–TBMMSV Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,000 (132.6, 1,885)
WU300L–TBMMSV	Disc (OPT)	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	16,200 (164.8, 2,350)
WU300L–TBMMSV Reinforced rear spring	Disc	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	15,300 (155.6, 2,219)
WU300L–TBMMSV3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,900 (141.8, 2,016)

WU300L–TBMMSV3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,589 (7,912)	13,000 (132.6, 1,885)
WU300L–TBMMSV3	Disc (OPT)	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	16,200 (164.8, 2,350)
WU300L–TBMMSV3 Reinforced rear spring	Disc	575 (1,268)	500 (5.1, 73)	1,839 (4,053)	8,600 (88, 1,247)	3,589 (7,912)	15,300 (155.6, 2,219)
WU340L–HKMMS	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	13,000 (132.6, 1,885)
WU340L–HKMMS Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	12,200 (124.6, 1,769)
WU340L–HKMMS	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,900 (162.2, 2,306)
WU340L–HKMMS Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,100 (154.2, 2,190)
WU340L–HKMMS3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	13,000 (132.6, 1,885)
WU340L–HKMMS3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	12,200 (124.6, 1,769)
WU340L–HKMMS3	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,900 (162.2, 2,306)
WU340L–HKMMS3 Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,100 (154.2, 2,190)
WU340L–TKMMSV	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	13,000 (132.6, 1,885)
WU340L–TKMMSV Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	12,200 (124.6, 1,769)
WU340L–TKMMSV	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,900 (162.2, 2,306)
WU340L–TKMMSV Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,100 (154.2, 2,190)
WU340L–TKMMSV3	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	13,000 (132.6, 1,885)
WU340L–TKMMSV3 Reinforced rear spring	Drum	925 (2,039)	500 (5.1, 73)	1,839 (4,053)	6,400 (65, 928)	3,374 (7,438)	12,200 (124.6, 1,769)
WU340L–TKMMSV3	Disc (OPT)	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,900 (162.2, 2,306)
WU340L–TKMMSV3 Reinforced rear spring	Disc	475 (1,047)	500 (5.1, 73)	1,839 (4,053)	9,300 (94.6, 1,349)	3,374 (7,438)	15,100 (154.2, 2,190)
WU410L–HKMMS3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,344 (7,372)	11,800 (120.6, 1,711)
WU410L–HKMMS3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,581)	9,000 (91.3, 1,305)	3,344 (7,372)	13,400 (136.2, 1,944)
WU410L–HKMQS	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410L–HKMQS Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410L–HKMQS3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410L–HKMQS3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410L–TKMQS	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410L–TKMQS Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410L–TKMQS3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)

WU410L–TKMQS3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410L–TKMQSV	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410L–TKMQSV Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410L–TKMQSV3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410L–TKMQSV3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410R–HKMMS3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,344 (7,372)	11,800 (120.6, 1,711)
WU410R–HKMMS3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,581)	9,000 (91.3, 1,305)	3,344 (7,372)	13,400 (136.2, 1,944)
WU410R–HKMQS	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410R–HKMQS Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410R–HKMQS3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410R–HKMQS3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410R–TKMQS	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410R–TKMQS Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410R–TKMQS3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65, 928)	4,168 (9,189)	12,500 (127.9, 1,813)
WU410R–TKMQS3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,168 (9,189)	14,100 (144.2, 2,045)
WU410R–TKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.4, 1,305)	5,009 (11,043)	16,500 (167.8, 2,393)
WU410R–TKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.7, 1,218)	5,009 (11,043)	14,700 (150.1, 2,132)
WU410R–TKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.4, 1,305)	5,009 (11,043)	16,500 (167.8, 2,393)
WU410R–TKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.7, 1,218)	5,009 (11,043)	14,700 (150.1, 2,132)

A B C point data table for the XZU series:

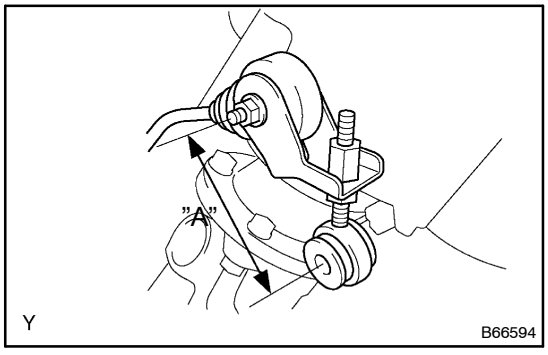
Model	Front Brake	A		B		C	
		kg (lb)	kPa (kg/ cm^2, psi	kg (lb)	kPa (kg/ cm^2, psi)	kg (lb)	kPa (kg/ cm^2, psi)
XZU300L–TKMMWR3	Drum	991 (2,185)	500 (5.1, 73)	2,179 (4,803)	8,300 (84.9, 1,204)	2,555 (5,633)	12,900 (132, 1,871)
XZU300L–TKMQWR3	Drum	1,121 (2,471)	500 (5.1, 73)	2,152 (4,745)	7,300 (74.4, 1,059)	2,943 (6,488)	13,000 (132.4, 1,885)
XZU320L–TMMQWR3	Drum	1,127 (2,485)	500 (5.1, 73)	2,406 (5,304)	8,700 (89, 1,262)	4,246 (9,361)	16,400 (167.1, 2,379)
XZU330L–TKMQWR3	Drum	875 (1,929)	500 (5.1, 73)	1,908 (4,206)	7,100 (72.9, 1,030)	4,247 (9,363)	16,300 (166, 2,364)
XZU330L–TKMSWR3	Drum	1,095 (2,414)	500 (5.1, 73)	2,012 (4,436)	8,400 (85.6, 1,218)	4,994 (11,010)	17,000 (173.3, 2,466)
XZU340L–TKMSWR3	Drum	1,145 (2,524)	500 (5.1, 73)	2,012 (4,436)	8,000 (81.2, 1,160)	4,815 (10,615)	16,000 (163, 2,321)
XZU404R–HKMMWQ3	Disc	879 (1,938)	500 (5.1, 73)	1,622 (3,576)	6,300 (63.8, 914)	3,307 (7,291)	11,800 (119.9, 1,711)

XZU404R–TKMMWQ3	Disc	879 (1,938)	500 (5.1, 73)	1,622 (3,576)	6,300 (63.8, 914)	3,307 (7,291)	11,800 (119.9, 1,711)
XZU412L–HKMMW3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU412L–HKMMW3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU412L–HKMQW3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65.4, 928)	4,107 (9,054)	12,400 (126.2, 1,798)
XZU412L–HKMQW3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,107 (9,054)	14,000 (142.5, 2,031)
XZU412L–HKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–HKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–HKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–HKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–HKMRSV	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–HKMRSV Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–HKMRSV3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–HKMRSV3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–HKMRW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,929 (10,867)	16,300 (166, 2,364)
XZU412L–HKMRW3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,929 (10,867)	14,600 (149, 2,118)
XZU412L–HKMTSV	Drum	1,140 (2,513)	500 (5.1, 73)	2,250 (4,960)	8,100 (82.4, 1,175)	5,812 (12,813)	15,600 (159.5, 2,263)
XZU412L–HKMTSV3	Drum	1,140 (2,513)	500 (5.1, 73)	2,250 (4,960)	8,100 (82.4, 1,175)	5,812 (12,813)	15,600 (159.5, 2,263)
XZU412L–HKMTW3	Drum	1,140 (2,513)	500 (5.1, 73)	2,250 (4,960)	8,100 (82.4, 1,175)	5,772 (12,725)	15,600 (159.5, 2,263)
XZU412L–TKMMW3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU412L–TKMMW3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU412L–TKMQW3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65.4, 928)	4,107 (9,054)	12,400 (126.2, 1,798)
XZU412L–TKMQW3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,107 (9,054)	14,000 (142.5, 2,031)
XZU412L–TKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–TKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–TKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–TKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–TKMRSV	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–TKMRSV Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)

XZU412L–TKMRSV3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412L–TKMRSV3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412L–TKMRW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,929 (10,867)	16,300 (165.8, 2,364)
XZU412L–TKMRW3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,929 (10,867)	14,600 (149, 2,118)
XZU412L–TKMTSV	Drum	1,140 (2,513)	500 (5.1, 73)	2,250 (4,960)	8,100 (82.4, 1,175)	5,812 (12,813)	15,600 (159.5, 2,263)
XZU412L–TKMTSV3	Drum	1,140 (2,513)	500 (5.1, 73)	2,250 (4,960)	8,100 (82.4, 1,175)	5,812 (12,813)	15,600 (159.5, 2,263)
XZU412L–TKMTW3	Drum	1,140 (2,513)	500 (5.1, 73)	2,250 (4,960)	8,100 (82.4, 1,175)	5,772 (12,725)	15,600 (159.5, 2,263)
XZU412R–HKMMW	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU412R–HKMMW Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU412R–HKMMW3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU412R–HKMMW3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU412R–HKMQW	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65.4, 928)	4,107 (9,054)	12,400 (126.2, 1,798)
XZU412R–HKMQW Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,107 (9,054)	14,000 (142.5, 2,031)
XZU412R–HKMQW3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65.4, 928)	4,107 (9,054)	12,400 (126.2, 1,798)
XZU412R–HKMQW3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,107 (9,054)	14,000 (142.5, 2,031)
XZU412R–HKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412R–HKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412R–HKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412R–HKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412R–TKMMW	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU412R–TKMMW Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU412R–TKMMW3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU412R–TKMMW3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU412R–TKMQW	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65.4, 928)	4,107 (9,054)	12,400 (126.2, 1,798)
XZU412R–TKMQW Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,107 (9,054)	14,000 (142.5, 2,031)
XZU412R–TKMQW3	Drum	1,247 (2,750)	500 (5.1, 73)	1,955 (4,309)	6,400 (65.4, 928)	4,107 (9,054)	12,400 (126.2, 1,798)
XZU412R–TKMQW3 Reinforced rear spring	Drum	1,135 (2,503)	500 (5.1, 73)	2,289 (5,046)	8,300 (85, 1,204)	4,107 (9,054)	14,000 (142.5, 2,031)
XZU412R–TKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)

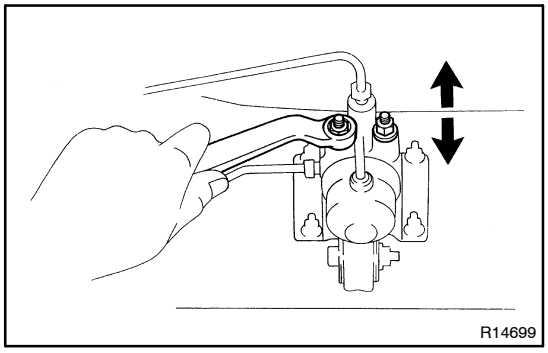
XZU412R–TKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU412R–TKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,969 (10,955)	16,300 (166, 2,364)
XZU412R–TKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,969 (10,955)	14,600 (149, 2,118)
XZU414L–TKMMW3	Drum	1,067 (2,353)	500 (5.1, 73)	1,866 (4,114)	7,200 (73.2, 1,044)	3,264 (7,196)	11,600 (118.4, 1,682)
XZU414L–TKMMW3 Reinforced rear spring	Drum	955 (2,105)	500 (5.1, 73)	2,200 (4,851)	9,000 (91.3, 1,305)	3,264 (7,196)	13,200 (134.2, 1,915)
XZU414R–HKMMWQ3	Disc	779 (1,717)	500 (5.1, 73)	1,622 (3,576)	7,000 (71.7, 1,015)	3,233 (7,128)	12,200 (124.1, 1,769)
XZU414R–TKMMWQ3	Disc	779 (1,717)	500 (5.1, 73)	1,622 (3,576)	7,000 (71.7, 1,015)	3,233 (7,128)	12,200 (124.1, 1,769)
XZU422L–HKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–HKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–HKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–HKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–HKMRSV	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–HKMRSV Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–HKMRSV3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–HKMRSV3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–HKMRW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–HKMRW3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–HKMTS	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,708 (12,584)	15,900 (161.9, 2,306)
XZU422L–HKMTS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,708 (12,584)	15,900 (161.9, 2,306)
XZU422L–HKMTSV	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,742 (12,659)	15,900 (161.9, 2,306)
XZU422L–HKMTSV3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,742 (12,659)	15,900 (161.9, 2,306)
XZU422L–HKMTW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,708 (12,584)	15,900 (161.9, 2,306)
XZU422L–TKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–TKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–TKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–TKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–TKMRSV	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–TKMRSV Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)

XZU422L–TKMRSV3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–TKMRSV3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–TKMRW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422L–TKMRW3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422L–TKMTSV	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,742 (12,659)	15,900 (161.9, 2,306)
XZU422L–TKMTSV3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,742 (12,659)	15,900 (161.9, 2,306)
XZU422L–TKMTW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,708 (12,584)	15,900 (161.9, 2,306)
XZU422R–HKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422R–HKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422R–HKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422R–HKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422R–TKMRS	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422R–TKMRS Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU422R–TKMRS3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU422R–TKMRS3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU424L–HKMTW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,708 (12,584)	15,900 (161.9, 2,306)
XZU424L–TKMRW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,296 (5,063)	9,000 (91.3, 1,305)	4,905 (10,814)	16,000 (163.7, 2,321)
XZU424L–TKMRW3 Reinforced rear spring	Drum	1,060 (2,336)	500 (5.1, 73)	2,216 (4,885)	8,400 (85.6, 1,218)	4,905 (10,814)	14,400 (146.6, 2,089)
XZU424L–TKMTW3	Drum	1,060 (2,336)	500 (5.1, 73)	2,250 (4,960)	8,600 (88, 1,247)	5,708 (12,584)	15,900 (161.9, 2,306)

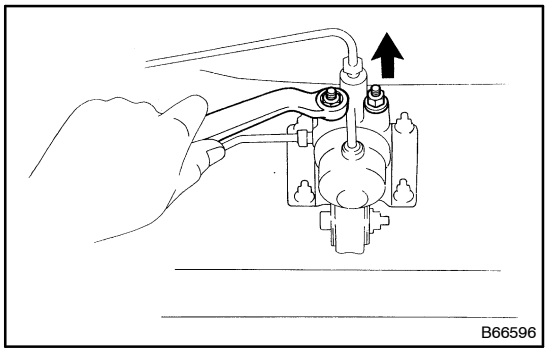


6. IF NECESSARY, ADJUST FLUID PRESSURE

(a) Adjust the length of the No. 2 shackle.
Lower pressure – Lengthen "A"
High pressure – Shorten "A"
Initial set: 78 mm (3.07 in.)
Adjusting: 72 – 84 mm (2.83 – 3.31 in.)



(b) If the pressure cannot be adjusted by the No. 1 shackle, raise or lower the valve body.
Lower pressure – Lower
High pressure – Raise
(c) Torque the nuts.
Torque: 12.5 N·m (130 kgf·cm, 9 ft·lbf)
(d) Adjust the length of the No.2 shackle again.
If it cannot be adjusted, inspect the valve body.



7. IF NECESSARY, CHECK VALVE BODY
(a) Assemble the valve body in the uppermost position.
HINT:
When the brakes are applied, the piston moves down about 1 mm (0.039 in.). Even at this time, the piston should not make contact with or move the load sensing spring.
(b) In this position, check the brake pressure.
Brake pressure:

Front brake pressure kPa (kgf/cm², psi)	Rear brake pressure kPa (kgf/cm², psi)
490 (5, 71)	490 (5, 71)
2,452 (25, 356)	1,020 – 1,412 (10.4 – 14.4, 148 – 204)
5,884 (60, 853)	2,148 – 2,834 (21.9 – 28.9, 311 – 411)

If the measured value is not within the standard, replace the valve body.

8. REMOVE LSPV GAUGE (SST) AND BLEED BRAKE SYSTEM (See page 32–4)