



SLIDING FIFTH WHEEL ADJUSTMENT PROCEDURE

Step-by-Step Procedure • Professional Reference • Banur Driving School Ltd.

FLOW: Park & Prepare → Lower Landing Gear → Unlock Fifth Wheel → Slide → Lock & Verify → Restore

STEP

1

PARK & SET BRAKES

Position and secure the vehicle before any adjustment

POSITION & SECURE THE VEHICLE

1. Park the vehicle in a straight line on level, stable ground.
2. Set tractor and trailer parking brakes.



SAFETY FIRST: The vehicle must be straight and on level ground before sliding the fifth wheel. A bent or angled connection will prevent the fifth wheel from sliding freely and can cause damage.

Step-by-Step Procedure • Professional Reference • Banur Driving School Ltd.

STEP

2

LOWER LANDING GEAR

Support the trailer before releasing the fifth wheel

EXIT CAB & LOWER GEAR

1. Exit the cab.
2. **Lower the landing gear:** Crank the landing gear down until it just touches the ground. Do not lift the trailer it should remain supported by the fifth wheel. This light contact simply prevents the trailer nose from dropping if the kingpin releases.



Landing Gear Position: Just touching — not lifting

Lowering too far will lift the trailer off the fifth wheel, making it impossible to slide and potentially damaging the landing gear.

STEP

UNLOCK THE FIFTH WHEEL



BANUR DRIVING SCHOOL LTD.

778-822-4500 | 778-919-9195

info@banurdrivingschoolLtd.ca

www.banurdrivingschoolLtd.ca

12511 82 Ave, Surrey, BC V3W 3E8

SLIDING FIFTH WHEEL PROCEDURE

3

Release the slide lock before repositioning

ENTER CAB & RELEASE TRACTOR SUSPENSION

1. Enter the cab.
2. Release tractor parking brakes.
3. **Drain tractor air suspension, if applicable:** Lowering the tractor frame slightly helps release any bind between the fifth wheel and the trailer apron.
4. **Set fifth wheel switch to 'Unlock' position:** Activate the fifth wheel slide control to disengage the locking mechanism.
5. Re-apply the tractor parking brakes.

EXIT CAB & VERIFY UNLOCK

1. Exit the cab.
2. **Visually check the slider is unlocked:** Confirm the fifth wheel locking mechanism is fully disengaged. The slide pins or lock bar should be visibly retracted.
3. **Check the fifth wheel track:** Ensure the fifth wheel track (sliding rails) is free of debris, ice, or foreign objects that could obstruct movement.



IMPORTANT: Never attempt to slide a fifth wheel that is not visually confirmed as unlocked. Forcing movement on a locked fifth wheel can shear the locking pins and cause catastrophic failure.

Step-by-Step Procedure • Professional Reference • Banur Driving School Ltd.

STEP

4

SLIDE THE FIFTH WHEEL

Move the tractor to reposition the fifth wheel to the desired location

ENTER CAB & MOVE THE VEHICLE

1. Enter the cab.
2. Release parking brakes.
3. **Engage inter-axle diff. lock, if required:** Ensures even traction on both drive axles during the slide manoeuvre.
4. **Gently pull forward or backward:** Move the tractor slowly in the required direction to slide the fifth wheel to the correct position. Watch mirrors and move in small increments.



CAUTION: Move slowly and in small increments. Aggressive movement can cause the fifth wheel to travel past the desired position. The trailer brakes remain set only the tractor moves.

STEP

LOCK & VERIFY



BANUR DRIVING SCHOOL LTD.

778-822-4500 | 778-919-9195
info@banurdrivingschooltd.ca
www.banurdrivingschooltd.ca
12511 82 Ave, Surrey, BC V3W 3E8

SLIDING FIFTH WHEEL PROCEDURE

5

Return switch to Lock, perform tug test, and confirm visually

LOCK THE FIFTH WHEEL

1. **Return fifth wheel switch to 'Lock' position:** Activate the fifth wheel slide control to re-engage the locking mechanism. The pins or lock bar should spring into the locking holes in the slide frame.

PERFORM TUG TEST

1. **Perform tug test:** Apply tractor brakes only. Slowly pull forward against the locked trailer brakes to confirm the fifth wheel slide is locked and the assembly is stable.

Tug Test Result: **No fifth wheel movement = Locked**

If any sliding movement is detected during the tug test, stop immediately. Return the switch to Unlock, reposition, and repeat the locking process.

Step-by-Step Procedure • Professional Reference • Banur Driving School Ltd.

STEP

6

RESTORE & FINAL CHECK

Refill suspension, verify visually, and raise landing gear

RESTORE TRACTOR SYSTEMS

1. **Refill tractor air suspension, if applicable:** Allow the suspension to fully recharge to operating height before moving.
2. **Disengage inter-axle diff. lock, if it was engaged:** Return the differential to normal operating mode.

FINAL VISUAL CHECK

1. Set tractor parking brakes and exit the cab.
2. **Visually check the fifth wheel is locked:** Confirm the lock indicator, slide pin, or lock bar is fully engaged. No part of the locking mechanism should appear retracted or partially seated.
3. **Raise the landing gear:** Crank the landing gear fully up and secure the handle in its storage bracket.



FINAL REMINDER: After sliding the fifth wheel, always confirm the new position complies with axle weight distribution requirements for your load and jurisdiction. Re-check the lock after the first stop on the road.

QUICK REFERENCE SUMMARY

- Step 1:** Park straight on level ground • Set tractor & trailer brakes
Step 2: Exit cab • Lower landing gear until just touching ground



BANUR DRIVING SCHOOL LTD.

☎ 778-822-4500 | 778-919-9195
✉ info@banurdrivingschoolLtd.ca
🌐 www.banurdrivingschoolLtd.ca
12511 82 Ave, Surrey, BC V3W 3E8

SLIDING FIFTH WHEEL PROCEDURE

Step 3: Release brakes • Drain suspension if needed • Switch to Unlock • Re-apply brakes • Verify unlocked • Clear track

Step 4: Release brakes • Engage diff. lock if needed • Slide fifth wheel gently to desired position

Step 5: Switch to Lock • Perform tug test • Confirm no movement

Step 6: Refill suspension • Disengage diff. lock • Visual check lock • Raise & secure landing gear

Step-by-Step Procedure • Professional Reference • Banur Driving School Ltd.