

Ride Height Measurement - Raptor

Special Tool(s) / General Equipment

Surface Gauge

Check

Ride Height Measurement — Front

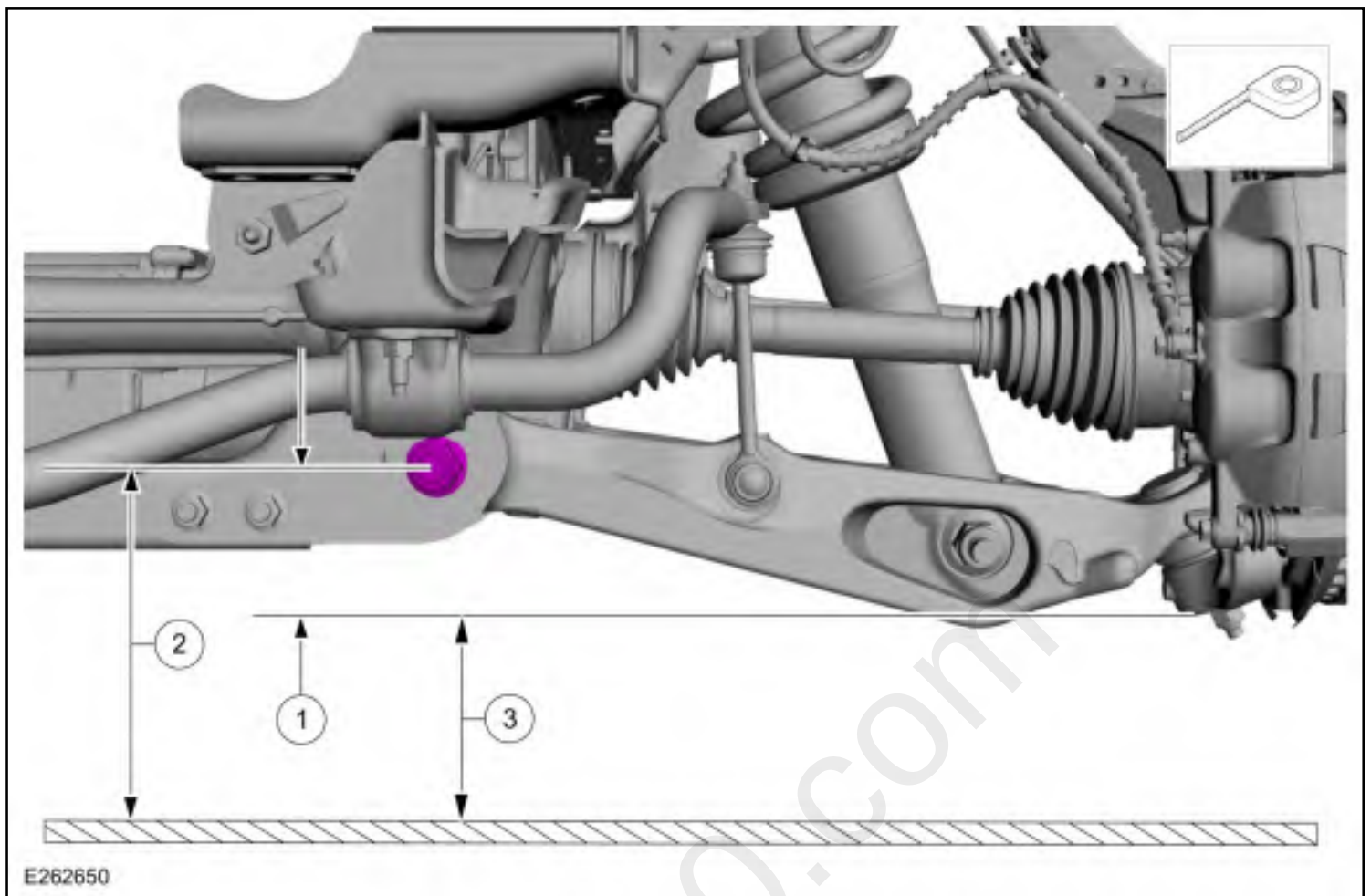
1. **NOTE:** *Make sure that the vehicle is positioned on a flat, level surface.*

Jounce front and rear suspension vigorously to allow the vehicle to settle.

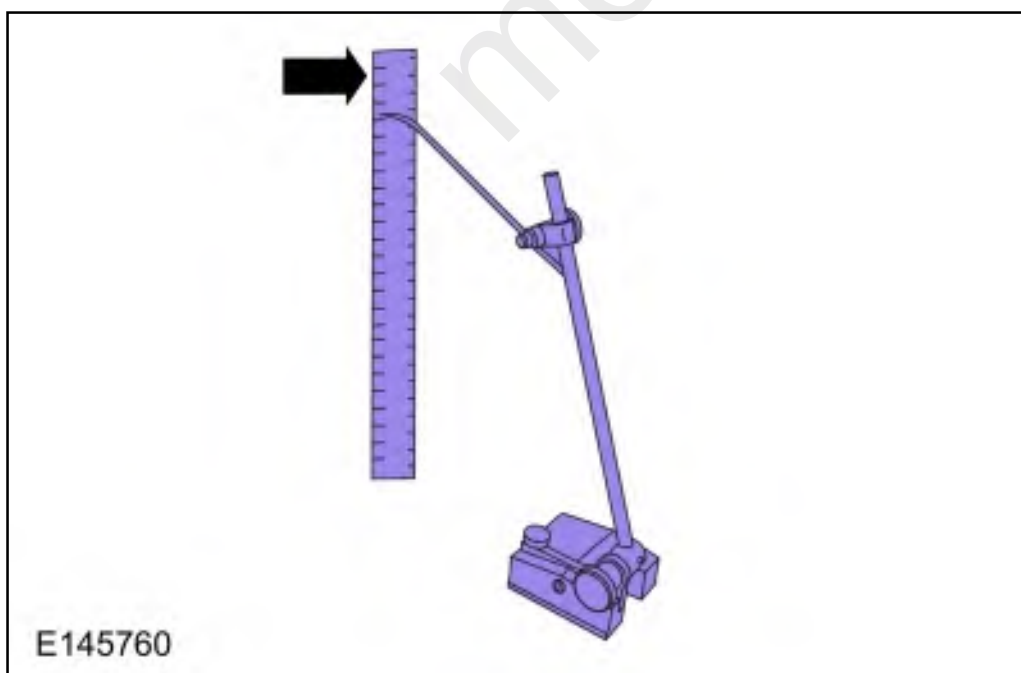
2. Before measuring ride height check:

- Tires are inflated to the correct pressure.
- Vehicle should have at least one-half tank of fuel.
- All fluids at proper levels.
- No cargo inside the cab or bed.
- Inspect for aftermarket equipment. Check for aftermarket changes to the steering, suspension, wheel and tire components (such as competition, heavy duty, etc.).

1. Ride height = 2-3
2. Measure the distance between the flat level surface and the center of the rearward lower arm bolt. (measurement 2)
Use the General Equipment: Surface Gauge
3. Measure the distance between the flat level surface and the lowest point on the wheel knuckle. (measurement 3)
Use the General Equipment: Surface Gauge



4. With the surface gauge positioned on a flat, level surface, record the measurement of the surface gauge position (measurement 2) and (measurement 3).
Use the General Equipment: Surface Gauge



5. Subtract measurement 3 from measurement 2 to obtain the front ride height.

Ride Height Measurement — Rear

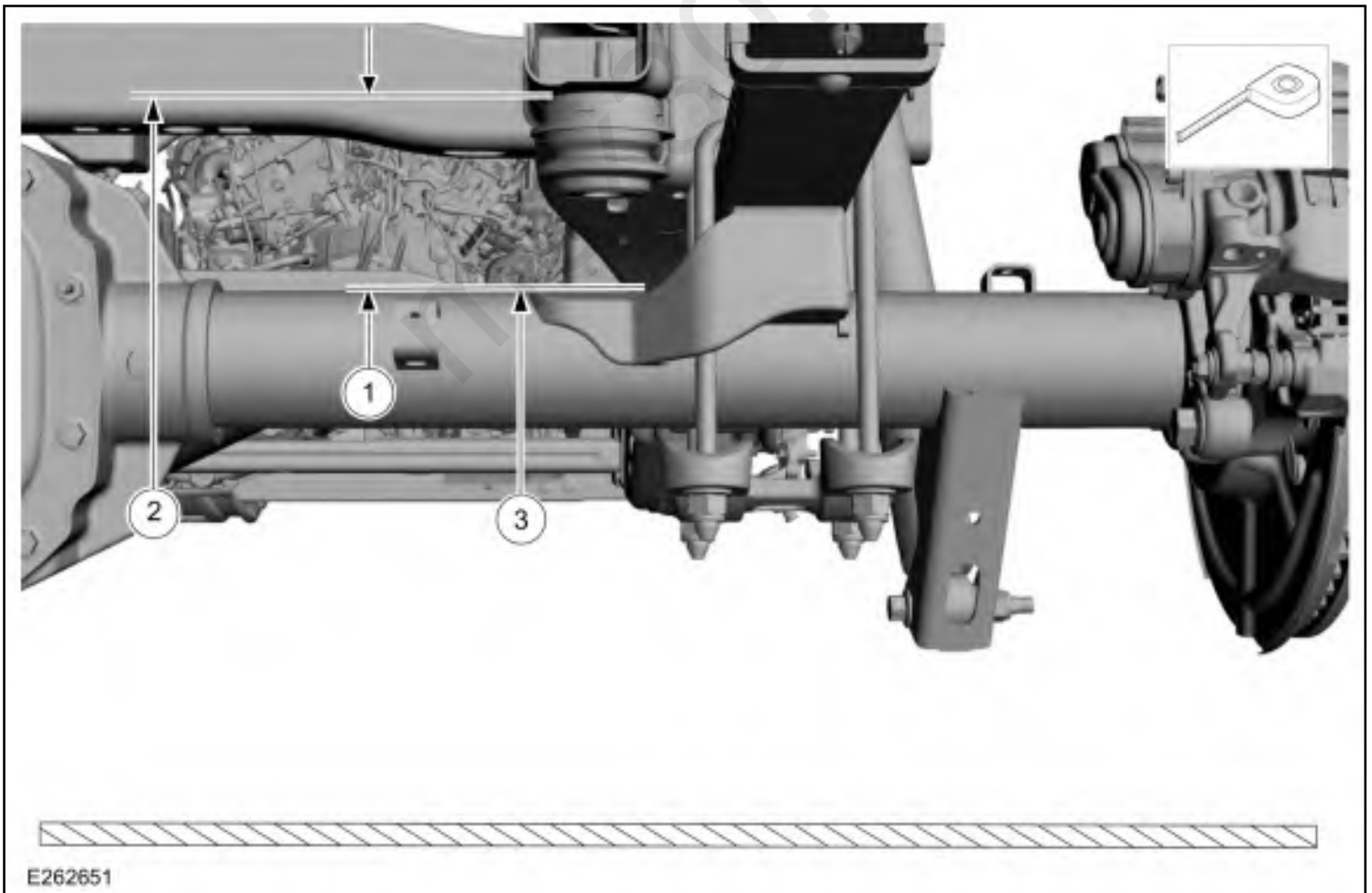
6. **NOTE:** *Make sure that the vehicle is positioned on a flat, level surface, transmission in the PARK position and the parking brake OFF.*

Jounce front and rear suspension vigorously to allow the vehicle to settle.

7. Before measuring ride height check:

- Tires are inflated to the correct pressure.
- Vehicle should have at least one-half tank of fuel.
- All fluids at proper levels.
- No cargo inside the cab or bed.
- Inspect for aftermarket equipment. Check for aftermarket changes to the steering, suspension, wheel and tire components (such as competition, heavy duty, etc.).

8. Measure the vertical distance between the top of the rear axle tube (Item 3) and bottom of the Frame Rail at the jounce bumper cup mounting surface (Item 2) to obtain the rear ride height (Item 1).
Use the General Equipment: Surface Gauge



mcx30.com