

2020 Lincoln Corsair Coil Spring Chronology – Ford Recall 20S41

On October 16, 2019, the Louisville Assembly Plant (LAP) discovered evidence of damage to the left rear coil spring on a 2020 Corsair. The damage removed the protective coating on the outside diameter of the coil spring. Further evaluation identified the coil spring contacting the rear subframe toe link bracket during full rebound condition. LAP issued a stop ship on October 16, 2020. Audit results conducted at LAP indicated that 65% of the affected vehicles had insufficient clearance between the coil spring and the bracket, and insufficient clearance could result in a touch condition. Vehicles included in the stop ship were repaired to ensure a minimum 6 mm clearance at full rebound condition.

November 2019 – April 2020: Ford continued to investigate the root cause and potential affected vehicle population including: measuring production vehicles to collect clearance data, checking supplier quality data to ensure the springs and rear subframe were built according to specifications, completing 3D scans of the subframe and rear floor underbody to check the installed position of the sub-frame and suspension components, and a tolerance stack up of all surrounding components (underbody, frame, and rear suspension). This study concluded that all of the required design clearances were not checked under all conditions. There were no quality issues identified with the coil spring. At this time, Ford was also studying the potential effect on vehicle operation resulting from a broken rear coil spring.

May – July 2020: Ford continued to study the possible effects of a broken rear coil spring, the likelihood of separation from the vehicle and it's potential effect on drivers following the vehicle with a broken spring. As of July 2020, there were no field reports related to this issue.

On August 3, 2020, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accident or injury related to this condition.