

Leaf Spring Tip Isolator

Special Tool(s) / General Equipment

Knife

Materials

Name	Specification
Motorcraft® Silicone Brake Caliper Grease and Dielectric Compound XG-3-A	ESE-M1C171-A
Motorcraft® Metal Brake Parts Cleaner PM-4-A, PM-4-B	-

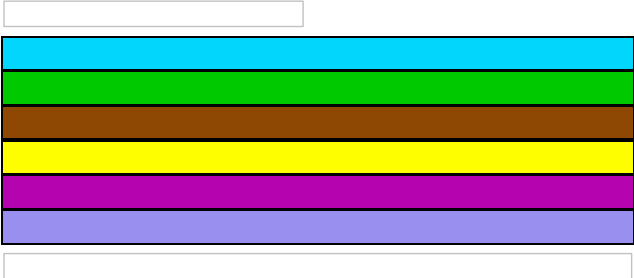
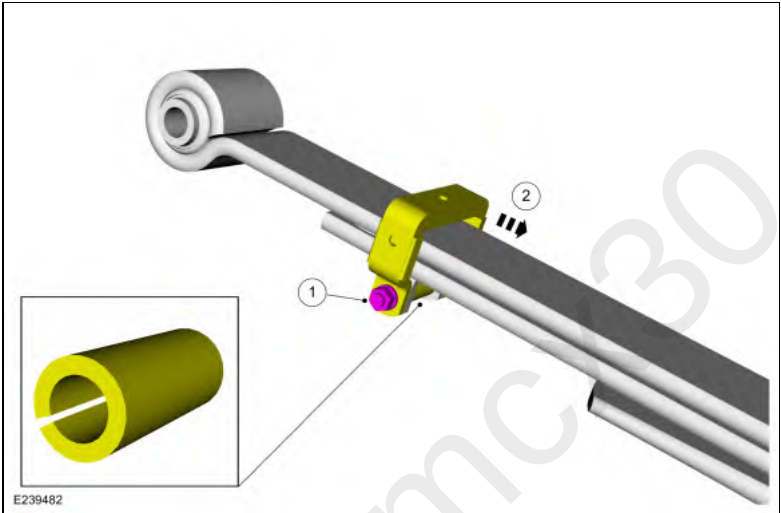
Removal

1. Position the vehicle on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. If equipped.

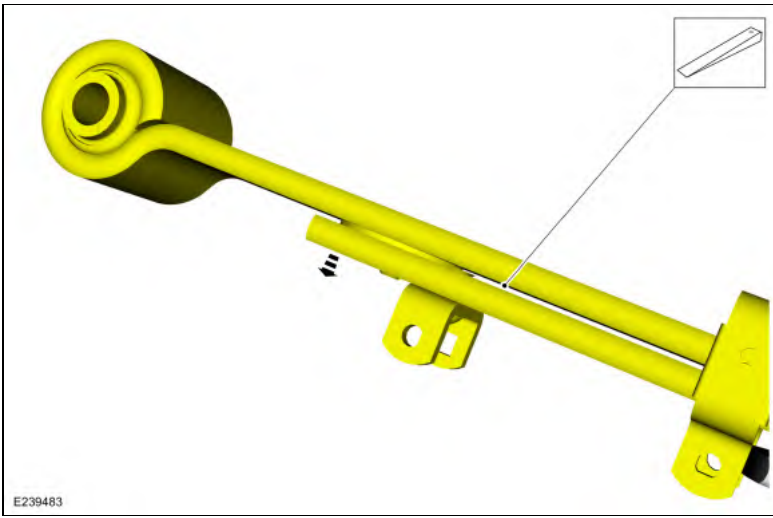
1. **NOTE:** Retain the sleeve for use in installation.

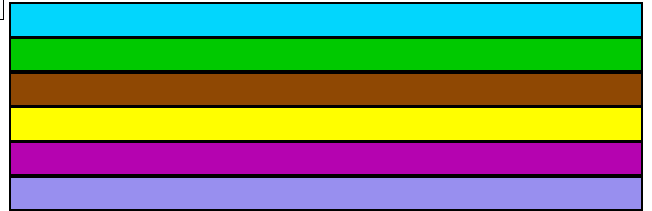
Remove the spring clip nut and bolt.

2. Slide the spring clip away from the leaf spring tip isolator to be serviced.

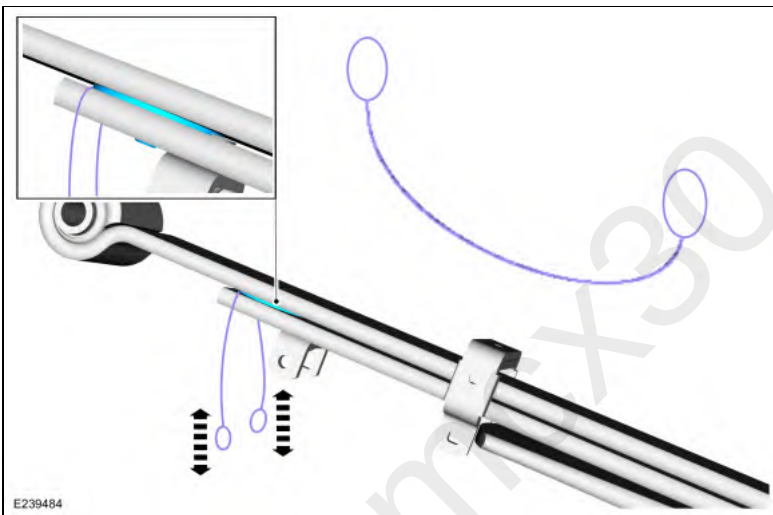


3. **NOTICE:** It is very important to use a non-metallic wedge or corrosion protection can be compromised.
- Use a non-metallic wedge (such as a rubber door stop or rubber coated pry bar) near the leaf spring tip isolator and wedge the leaf spring apart.



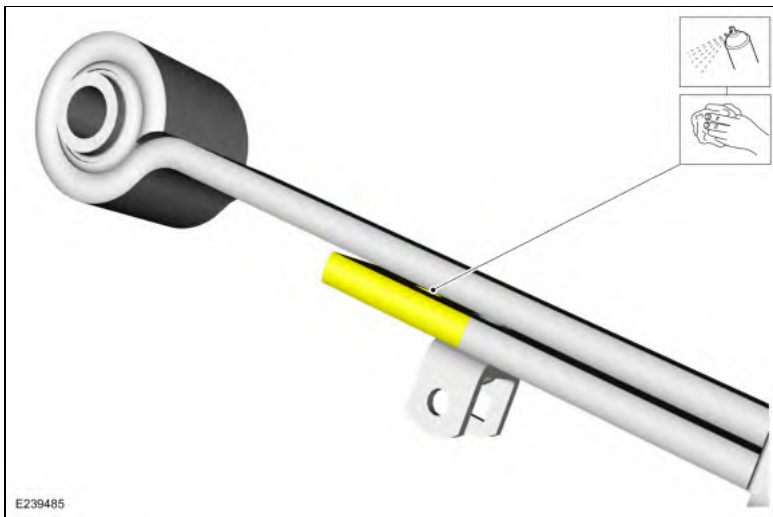


4. Using a locally obtained PVC cable saw, cut the top of the leaf spring tip isolator off and remove the insert.





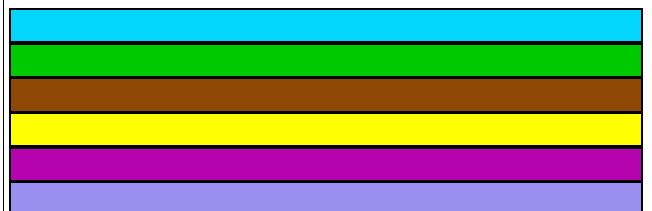
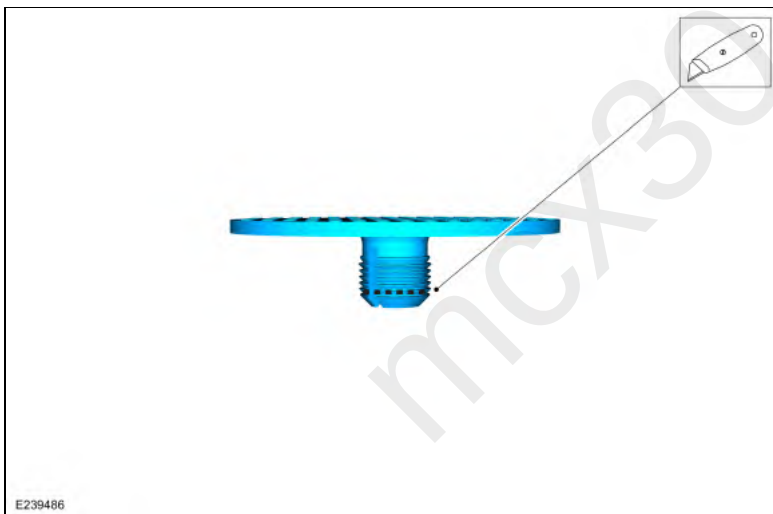
5. Thoroughly rinse the leaf spring tip isolator area with brake clean and a clean shop rag to remove debris from the leaf spring tip isolator seating area.
Material: Motorcraft® Metal Brake Parts Cleaner / PM-4-A, PM-4-B



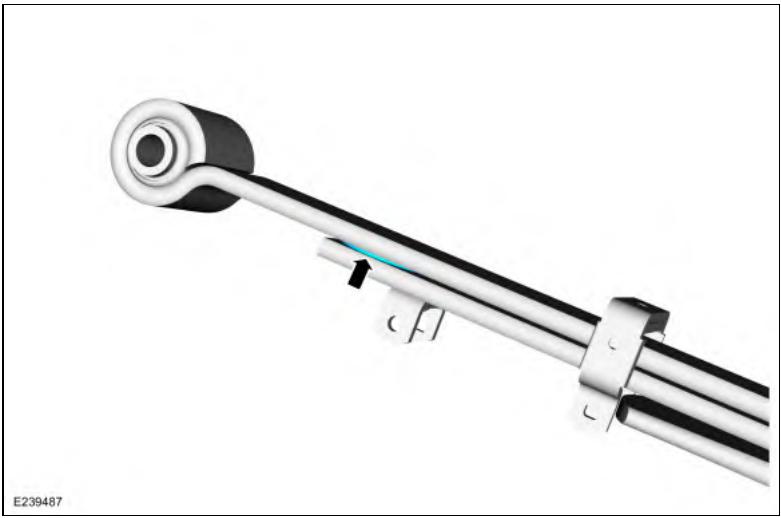
Installation

1. **NOTE:** *If necessary.*

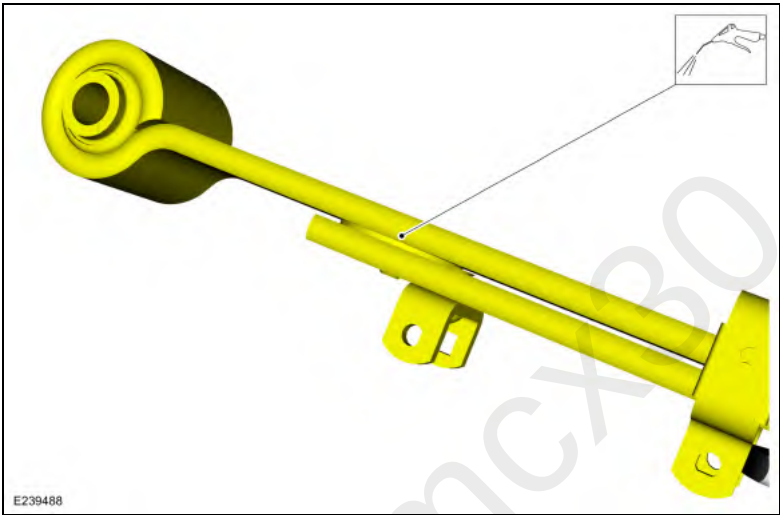
Trim leaf spring tip isolator post to aid installation between the leaves.
Use the General Equipment: Knife



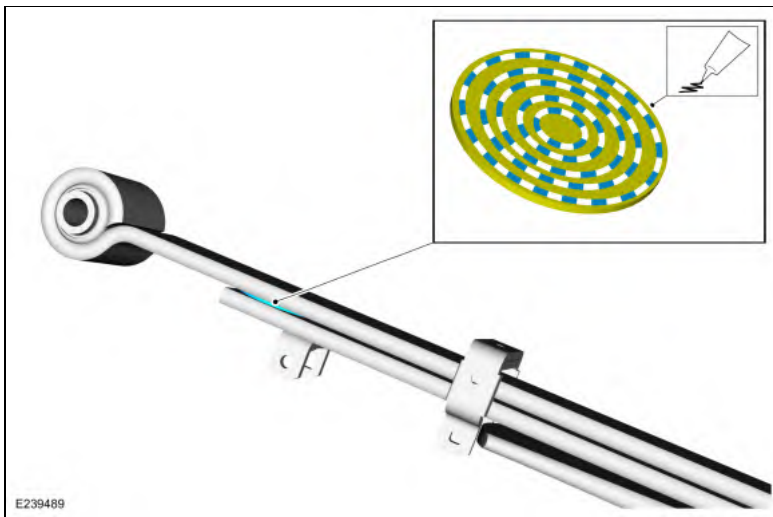
2. Install the new leaf spring tip isolator and remove the non-metallic wedge.



3. Wash the leaf spring assembly to remove any remaining dirt or debris using a power washer or direct stream of water. Using shop air, dry the leaf spring assembly thoroughly.



4. Apply a thin coat of grease to the leaf spring tip isolator surface.
Material: Motorcraft® Silicone Brake Caliper Grease and Dielectric Compound / XG-3-A (ESE-M1C171-A)



5. Repeat the procedure for the remaining leaf spring tip isolators.
6. If equipped.
 1. Slide the spring clip into position.
 2. Position the sleeve and install the spring clip nut and bolt.
Torque: 33 lb.ft (45 Nm)

