

Exhaust System Alignment (LFX)

Warning: Refer to [Exhaust Service Warning](#).

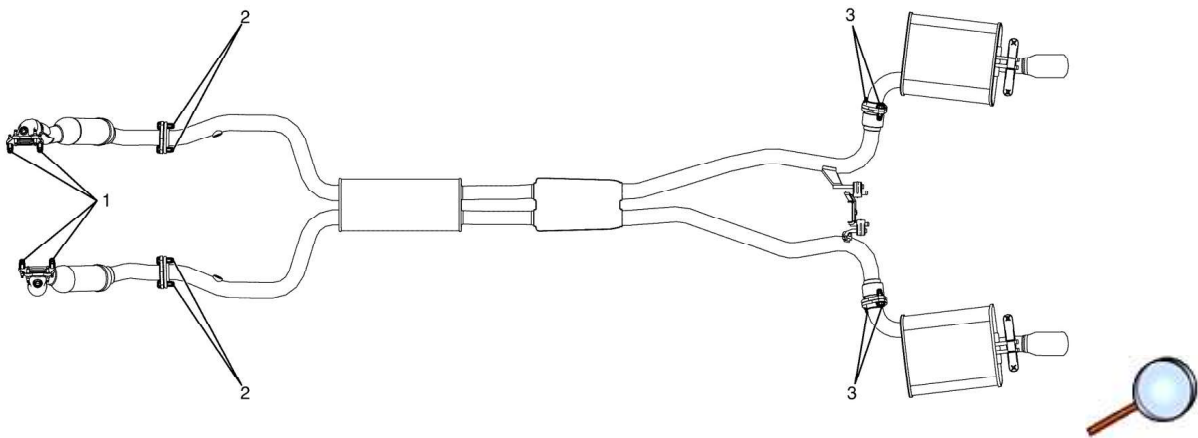
Warning: Refer to [Safety Glasses Warning](#).

Caution: Refer to [Exhaust System Inspection Caution](#).

Note: This procedure is only to be performed if the exhaust is incorrectly aligned or is not clear of all other components or chassis.

Note: Check for any physical damage to the exhaust system components that may be contributing to the misalignment.

Note: Make sure all exhaust retaining nuts and bolts are loose before conducting this procedure.



Caution: Refer to [Fastener Caution](#).

1. Tighten the catalytic converter to cylinder head retaining nuts (1) to **50 N•m (37 lb ft)**.
2. Tighten the exhaust crossover pipe to catalytic converter retaining nuts (2) to **40 N•m (30 lb ft)**.
3. Tighten the muffler to exhaust crossover pipe retaining bolts (3) to **45 N•m (33 lb ft)**.

Exhaust System Alignment (L77)

Warning: Refer to [Exhaust Service Warning](#).

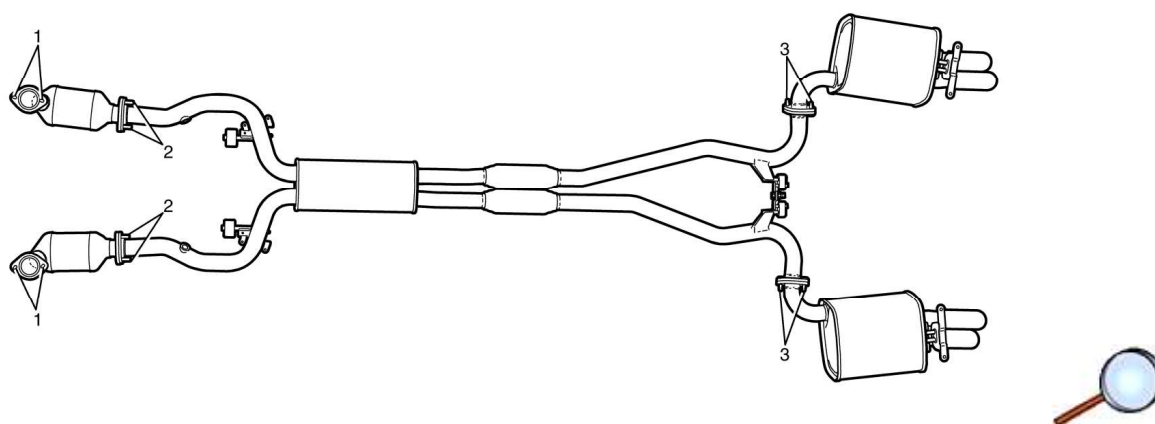
Warning: Refer to [Safety Glasses Warning](#).

Caution: Refer to [Exhaust System Inspection Caution](#).

Note: This procedure is only to be performed if the exhaust is incorrectly aligned or is not clear of all other components or chassis.

Note: Make sure all exhaust retaining nuts and bolts are loose before conducting this procedure.

Note: The L98 exhaust is pictured but flange bolts are in the same location on LY7.



Caution: Refer to [Fastener Caution](#).

1. Initially tighten the catalytic converter to exhaust manifold retaining nuts (1) to **20 N•m (15 lb ft)**.
2. Tighten the catalytic converter to exhaust manifold retaining nuts (1) to **45 N•m (33 lb ft)**.
3. Tighten the exhaust crossover pipe to catalytic converter retaining nuts (2) to **40 N•m (30 lb ft)**.
4. Tighten the muffler to exhaust crossover pipe retaining bolts (3) to **45 N•m (33 lb ft)**.

Exhaust System Alignment (LWR)

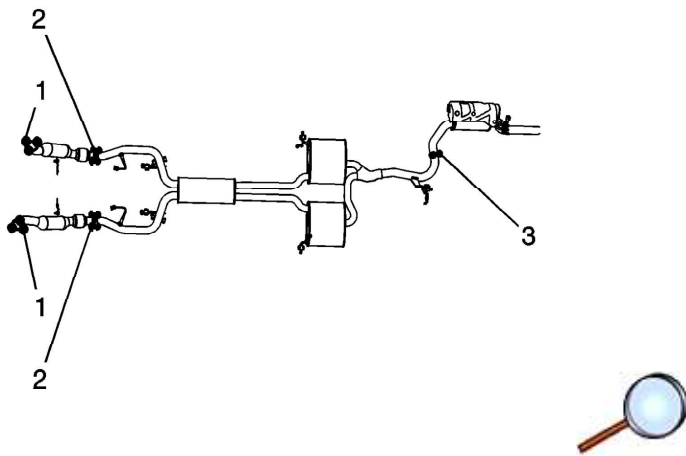
Warning: Refer to [Exhaust Service Warning](#).

Warning: Refer to [Safety Glasses Warning](#).

Caution: [Exhaust System Inspection Caution](#)

Note: This procedure is only to be performed if the exhaust is incorrectly aligned or is not clear of all other components or chassis.

Note: Make sure all exhaust retaining nuts and bolts are loose before conducting this procedure.



Caution: Refer to [Fastener Caution](#).

1. Initially tighten the catalytic converter to exhaust manifold retaining nuts (1) to **20 N•m (15 lb ft)**.
2. Tighten the catalytic converter to exhaust manifold retaining nuts (1) to **45 N•m (33 lb ft)**.
3. Tighten the exhaust crossover pipe to catalytic converter retaining nuts (2) to **21 N•m (15 lb ft)**.

Note: The exhaust clamp is a single used exhaust clamp, replace with a NEW exhaust clamp.

4. Tighten the muffler to exhaust crossover pipe clamp (3) to **35 N•m (26 lb ft)**.

Exhaust System Alignment (LFW)

Warning: Refer to [Exhaust Service Warning](#).

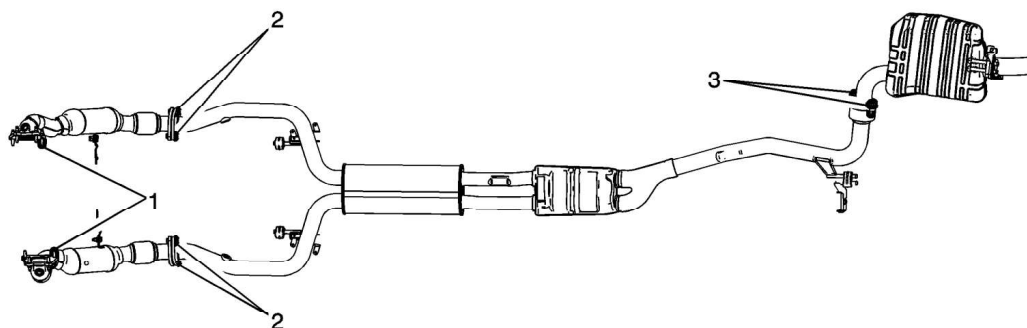
Warning: Refer to [Safety Glasses Warning](#).

Caution: Refer to [Exhaust System Inspection Caution](#).

Note: This procedure is only to be performed if the exhaust is incorrectly aligned or is not clear of all other components or chassis.

Note: Check for any physical damage to the exhaust system components that may be contributing to the misalignment.

Note: Make sure all exhaust retaining fasteners and fasteners are loose before conducting this procedure.



Caution: Refer to [Fastener Caution](#).

1. Tighten the catalytic converter to cylinder head retaining fasteners (1) to **50 N•m (37 lb ft)**.
2. Tighten the exhaust crossover pipe to catalytic converter retaining fasteners (2) to **40 N•m (30 lb ft)**.
3. Tighten the muffler to exhaust crossover pipe retaining fasteners (3) to **45 N•m (33 lb ft)**.

Exhaust System Alignment (LSA,LS3)

Warning: Refer to [Exhaust Service Warning](#).

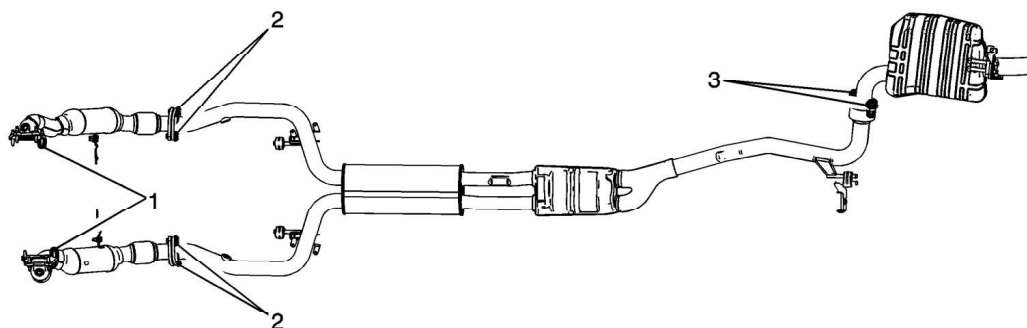
Warning: Refer to [Safety Glasses Warning](#).

Caution: Refer to [Exhaust System Inspection Caution](#).

Note: This procedure is only to be performed if the exhaust is incorrectly aligned or is not clear of all other components or chassis.

Note: Check for any physical damage to the exhaust system components that may be contributing to the misalignment.

Note: Make sure all exhaust retaining fasteners and fasteners are loose before conducting this procedure.



Caution: Refer to [Fastener Caution](#).

1. Tighten the catalytic converter to exhaust manifold retaining fasteners (1) to **45 N•m (33 lb ft)**.
2. Tighten the exhaust crossover pipe to catalytic converter retaining fasteners (2) to **40 N•m (30 lb ft)**.
3. Tighten the muffler to exhaust crossover pipe retaining fasteners (3) to **45 N•m (33 lb ft)**.