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# SERVICE BULLETIN

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Classification: ST12-007	Reference: NTB12-078	Date: September 19, 2012
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## NISSAN; POWER STEERING SYSTEM SERVICE INFORMATION

**APPLIED VEHICLES:** All 2005 and later Nissan vehicles equipped with hydraulic rack and pinion steering system

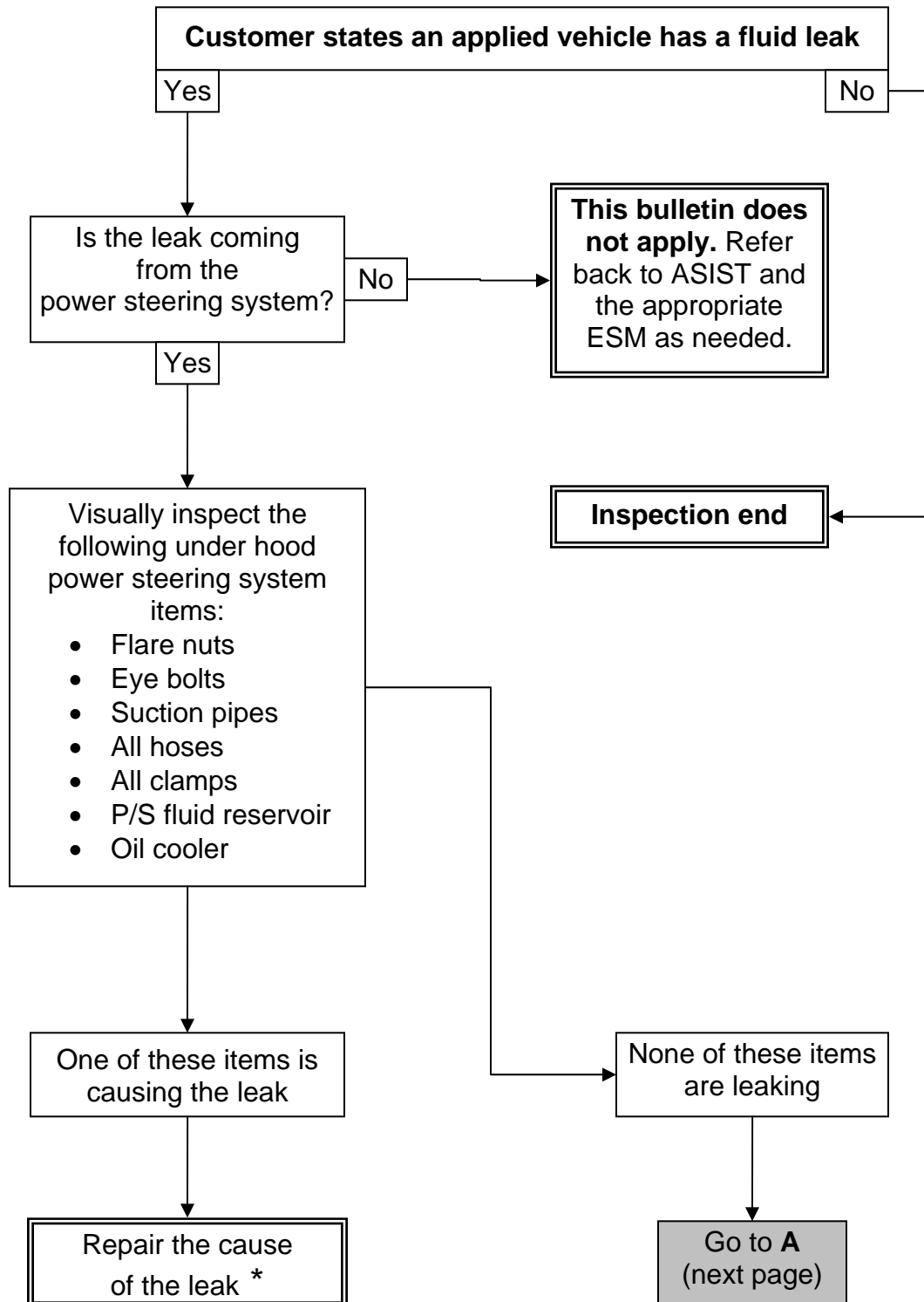
### SERVICE INFORMATION

When diagnosing possible power steering leak issues, it is important to follow the **Inspection Flow Chart** provided in this bulletin.

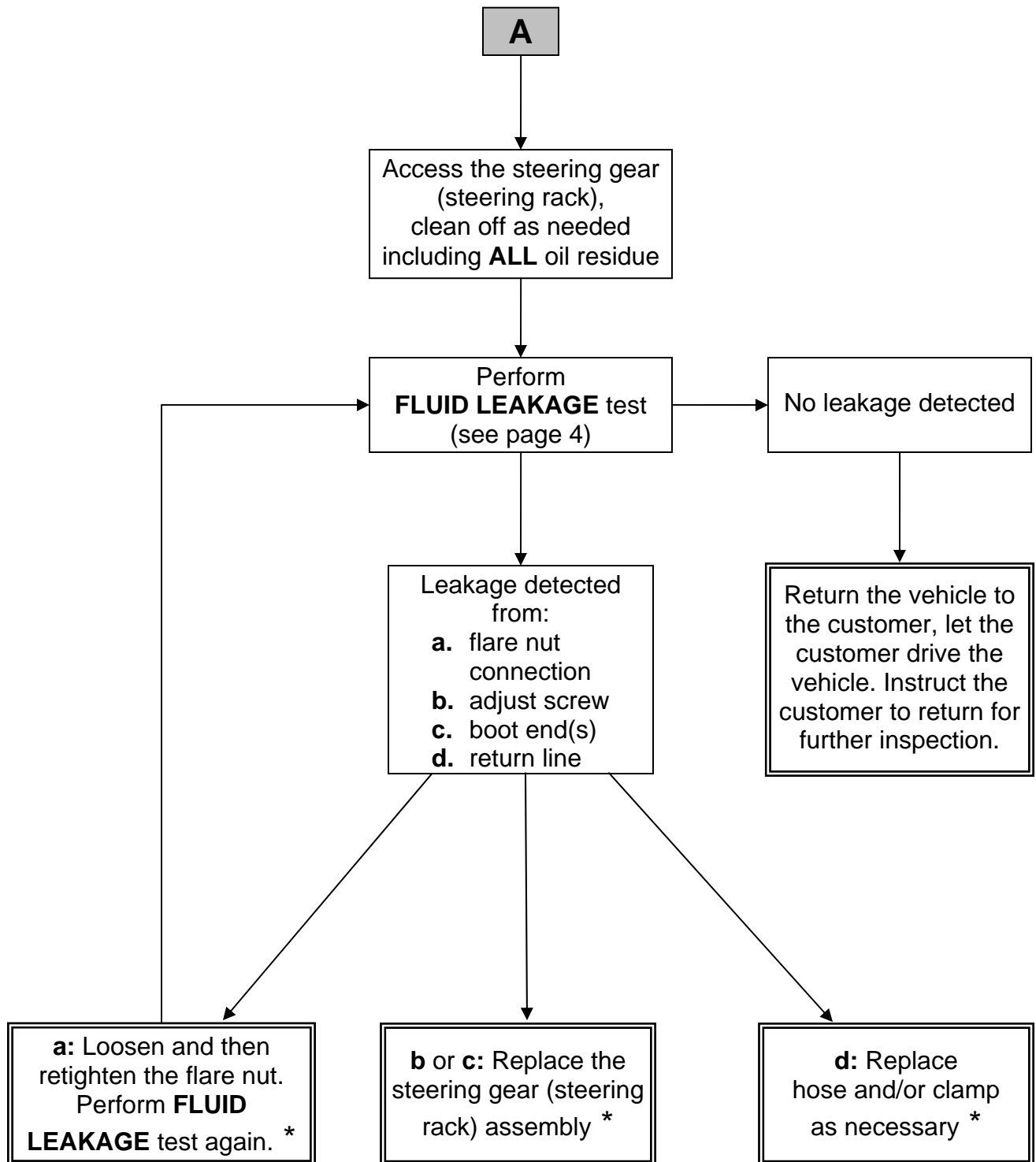
- See example photos starting on page 5.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## Inspection Flow Chart



\* Nissan Standard Warranty procedures apply.



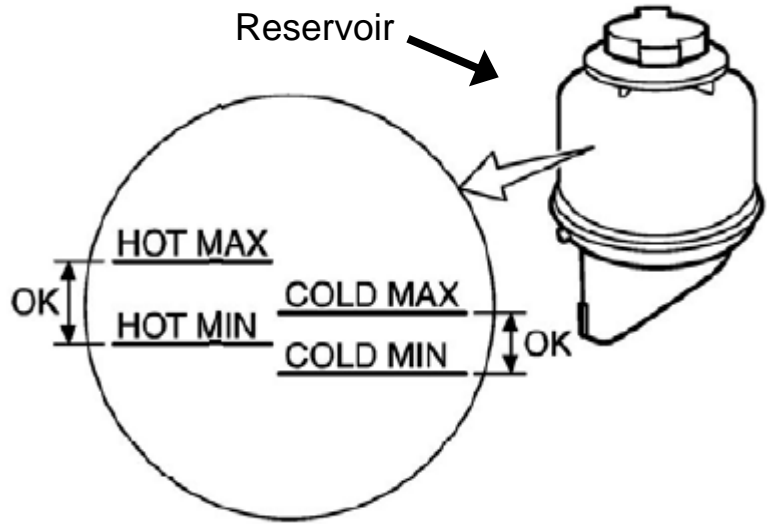
\* Nissan Standard Warranty procedures apply.

## Fluid Leakage Inspection Preparation

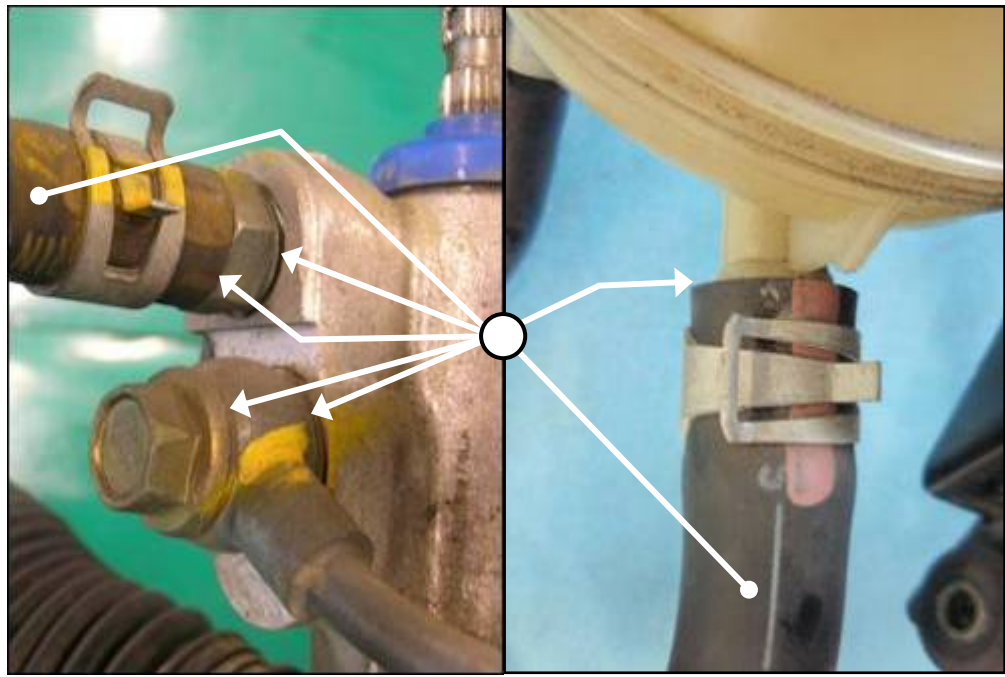
1. Verify the fluid level in the reservoir is within normal cold or hot range, as it applies.
2. Let the engine idle until the fluid temperature is within 50-80°C.
3. Turn the steering wheel from full left to full right 30 times.
4. Carefully hold the steering wheel for approximately five (5) seconds in the full (locked) left position, and then the locked right position.

**CAUTION: Do not hold the steering wheel in a locked position for more than 10 seconds. Damage may occur to the power steering pump.**

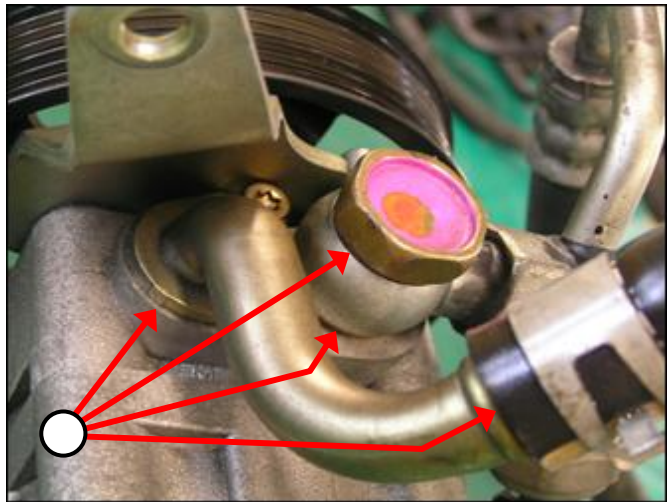
5. Let the engine idle for 10 minutes, and then inspect for leaks.



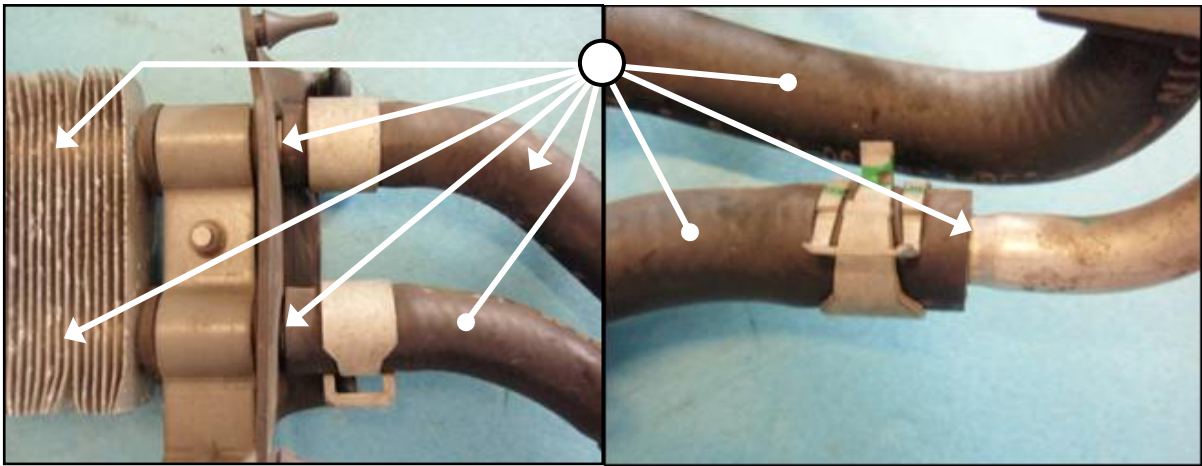
Make sure the fluid level is in normal range.



Inspect where noted.



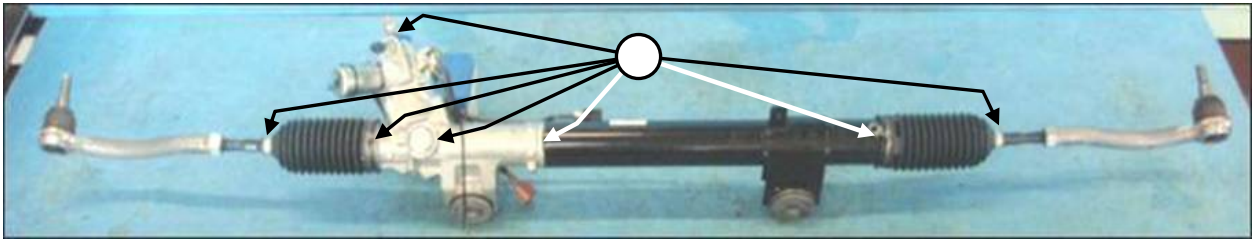
Inspect where noted.



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