



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: DP 12-004
Prompted by: Petition Request
Date Opened: 06/11/2012
Investigator: Ajit Alkondon **Reviewer:** Greg Magno
Approver: Frank Borris
Subject: Transmission Failure (ATF contamination)

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: NISSAN NORTH AMERICA, INC.
Products: MY 2005-2010 Nissan Frontier/Xterra/Frontier
Population: 857,432
Problem Description: Transmission cooler leaks, allowing transmission fluid and engine coolant to mix, leading to automatic transmission damage.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	512	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Number of Injuries:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD

ACTION / SUMMARY INFORMATION

Action: The petition will be evaluated for a grant or deny decision.

Summary:

ODI received a petition requesting investigation of transmission damage attributed to contamination by engine coolant. The source of the contamination is a cracked ATF line that runs through an engine coolant chamber in the radiator.

ODI has received (512) five-hundred-twelve consumer complaints between August 2005 to May 2012 regarding transmission problems.

A copy of the petition will be placed in the public file. ODI will review its content and related field data to assess whether a safety defect investigation is warranted.

Referenced VOQs are listed on a separate page.

DP12-0xx Opening Resume VOQs referenced: 10409230, 10409237, 10267551, 10410174, 10274737, 10410375, 10290989, 10410416, 10298414, 10410547, 10303654, 10410553, 10306985, 10410736, 10310114, 10411469, 10311999, 10411630, 10312298, 10411968, 10312679, 10412089, 10312948, 10413081, 10313264, 10413212, 10313444, 10413402, 10314517, 10413477, 10315320, 10413559, 10315586, 10413661, 10315759, 10413670, 10316416, 10413780, 10317719, 10413820, 10318977, 10413945, 10319006, 10414031, 10319480, 10414724, 10319631, 10414737, 10319964, 10414786, 10321527, 10414904, 10322726, 10415028, 10322998, 10415041, 10323873, 10415571, 10324153, 10416654, 10325197, 10416718, 10326060, 10416760, 10326560, 10417006, 10328139, 10417186, 10328773, 10417688, 10329425, 10417840, 10330378, 10417887, 10331188, 10418099, 10331473, 10418101, 10331604, 10418307, 10331631, 10418469, 10332546, 10419595, 10334415, 10419712, 10335742, 10419898, 10336383, 10420067, 10336489, 10420285, 10336708, 10420428, 10336935, 10420765, 10339478, 10420985, 10339950, 10421136, 10340245, 10421144, 10340890, 10421361, 10341266, 10421561, 10341985, 10421592, 10342229, 10421664, 10342279, 10421672, 10343129, 10421674, 10343818, 10421688, 10344395, 10422286, 10345709, 10422356, 10346231, 10422384, 10347064, 10422406, 10347753, 10422427, 10348824, 10422483, 10349734, 10422497, 10351149, 10422499, 10351573, 10422523, 10352392, 10422552, 10354548, 10422568, 10354942, 10422839, 10355523, 10423094, 10356203, 10423191, 10356849, 10423909, 10357219, 10424060, 10357924, 10424192, 10359249, 10425087, 10361852, 10425120, 10362968, 10425178, 10364333, 10425316, 10365699, 10425662, 10367143, 10425744, 10368966, 10425836, 10369711, 10425982, 10371037, 10426274, 10371862, 10426395, 10372798, 10427072, 10373420, 10427219, 10374717, 10427667, 10376554, 10428176, 10377876, 10429064, 10378325, 10430534, 10378520, 10432726, 10379824, 10433105, 10381323, 10433126, 10381633, 10433131, 10382585, 10433838, 10383054, 10434043, 10384415, 10434403, 10386546, 10434837, 10387030, 10434841, 10390431, 10434878, 10392265, 10435210, 10392653, 10435371, 10393108, 10435663, 10394377, 10436276, 10395417, 10436292, 10396599, 10436293, 10396773, 10436342, 10397076, 10436529, 10397201, 10436874, 10397439, 10437296, 10399142, 10437451, 10399378, 10437695, 10399771, 10437826, 10400791, 10438798, 10400915, 10439204, 10401516, 10439898, 10402178, 10439909, 10402698, 10440025, 10404004, 10440110, 10404578, 10440200, 10405661, 10440845, 10405750, 10440852, 10406166, 10441374, 10406897, 10441802, 10407339, 10442169, 10408594, 10442243, 10409085, 10442259, 10252299, 10442460, 10289916, 10442600, 10302467, 10442803, 10308763, 10443038, 10312234, 10443372, 10312865, 10443380, 10313277, 10443424, 10314881, 10443531, 10315657, 10443618, 10316667, 10443868, 10319004, 10444333, 10319611, 10444699, 10320765, 10444740, 10322964, 10444814, 10323898, 10445010, 10325913, 10445632, 10327641, 10445735, 10328913, 10446208, 10330630, 10446290, 10331573, 10446660, 10331773, 10446868, 10335357, 10446898, 10336487, 10446904, 10336729, 10446910, 10339721, 10446931, 10340835, 10447072, 10341891, 10447158, 10342230, 10447254, 10343241, 10447771, 10345404, 10448214, 10346824, 10448218, 10348204, 10448349, 10349771, 10448426, 10351719, 10448504, 10354754, 10448920, 10355556, 10449033, 10356906, 10449095, 10358112, 10449129, 10362593, 10449149, 10365010, 10449161, 10367207, 10449216, 10370002, 10449222, 10372623, 10449357, 10373990, 10449659, 10377225, 10449752, 10378397, 10449770, 10381235, 10450143, 10381634, 10450329, 10384157, 10450405, 10386772, 10450434, 10392227, 10450713, 10392799, 10450714, 10395255, 10451000, 10396732, 10451114, 10397156, 10451146, 10399094, 10451551, 10399700, 10451729, 10400813, 10452008, 10402110, 10452051,

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