

# Safety Research Report Index - Japanese Sudden Acceleration

## A. BACKGROUND

1. "Inquiry on Auto Acceleration Expanded by U.S.," New York Times, 2/23/86.
2. "Cars That Speed Up Mysteriously Spark Bitter Dispute Over Cause," Wall Street Journal, 9/3/86.
3. "NHTSA Stonewall" & "NHTSA Accused of 'Do-Nothing' Investigations; 'Driver Error' Blamed for GM, Ford Runaway Cars," FuelLine, 11/86.
4. "Sudden Acceleration Puts NHTSA to 15-Year Test," Automotive News, 2/16/87.
5. "Runaway Cars," series of articles, Detroit News, 12/13/87-12/17/87.
6. "Runaway Cars?" Newsday, 7/26/88.
7. "1982-88 Caddys Called Runaways," Automotive News, 1/30/89.
8. "NHTSA Announces Results of 'Sudden Acceleration' Study," DOT Press Release, 3/7/89.
9. "Some Cars' Sudden Acceleration is Tied in U.S. Study to Pedal Misapplication," Wall Street Journal, 3/8/89.
10. "Sudden Acceleration Linked to Driver Pedal Misapplication," IIHS Status Report, 4/22/89.
11. "Car Plows into Park, Killing 3 & Injuring Dozens," New York Times, 4/24/92.
12. "Car Kills Woman At Market," Post-Standard, 5/15/92.
13. "'Sudden Acceleration' May Be the Cause of Recent Accidents...," Corporate Crime Reporter, 5/25/92.
14. IMPACT & Lemon Times articles, 1984-1992.

## B. ATTORNEYS

## C. EXPERTS

## D. NHTSA

1. List of sudden acceleration recalls.
2. Representative John Dingell to NHTSA re: sudden acceleration, 1/19/88; NHTSA response, 4/4/88. (with Attachment B- JAMA Announcement; Attachment E-Chronology of NHTSA's Actions)

## E. TECHNICAL MATERIAL

1. R.H. Espeland et al., NHTSA, "Investigation Of Electromagnetic Interference Effects On Motor Vehicle Electronic Control And Safety Devices," 10/75.
2. R.L. Ruhl, Ruhl & Associates, "Sudden Acceleration Fact Sheet," circa 1987.
3. M. Gunnerhed, Swedish Defence Research Establishment, "Risk Assessment of Cruise Control," 5/88.
4. P. Marriner & J. Granery, Transport Canada, "Investigation of 'Sudden Acceleration' Incidents," 12/88.
5. K. Carlsen, et al., Boeing, "Sneak analysis, Boeing's Electrical Systems Engineering Quality Program Applied to the Automotive Industry," 8/89.
6. NHTSA, "Examination of Sudden Acceleration," 1/89.
7. W. Rosenbluth, Automotive Systems Analysis, "Pursuing Unwanted Acceleration - Myths, Vapors & Verification," 7/90.
8. B. Brown, Mechanical Damage Inspections, "Fuel Injection Systems," 12/4/91.

## F. HONDA/ACURA/STERLING BACKGROUND

1. "Group Seeks Full Inquiry on Honda", Kansas City Times, 12/20/86.
2. "Japanese to Install Safety Devices in Cars," Associated Press, 3/87.
3. "Issue of Acceleration In Honda's Acura Under Inquiry By US," Wall Street Journal, 3/15/88.
4. "Honda Owners Complain of Sudden Speedups," New Haven Register, 4/29/89.
5. "Expert to Examine Car in Which Woman Died," New Haven Register, 5/7/89.
6. "Acura Legend, Sterling Cleared of Unintended Acceleration," Automotive News, 3/11/91.

## G. CENTER FOR AUTO SAFETY - HONDA/ACURA/STERLING

1. CAS to NHTSA, Investigation request, 5/13/85; NHTSA response, 6/5/85.
2. Press release, NHTSA investigation closed, 12/19/86.
3. Press release, NHTSA reopens investigation, 4/13/87.
4. CAS to NHTSA, Defect petition, 4/25/87; NHTSA response, 5/26/87; CAS response, 5/28/87; NHTSA response, 6/19/87.
5. Press release, NHTSA opens investigation, 3/14/88.

## H. NHTSA INVESTIGATIONS OF HONDA/ACURA/STERLING

1. IR84-017: **1980-82 Honda Accord**
  - a. NHTSA to Honda, 1/25/84.
  - b. Honda response, 3/30/84. (selected attachments)
  - c. CAS to NHTSA, 3/15/85.
2. PE86-066: **1984-86 Honda Accord**
  - a. NHTSA to Honda, 7/31/86.
  - b. Honda response, 9/8/86.

- c. NHTSA memorandum re: meeting with Honda, 10/29/86.
- d. Closing resume, 10/31/86.
- 3. EA87-012: **1986-87 Honda Accord**
  - a. CAS Defect petition, 12/19/86; NHTSA response, 3/16/87.
  - b. NHTSA to Honda, 4/14/87.
  - c. Honda response, 6/5/87. (selected attachments)
  - d. Closing report, 9/10/87.
- 4. DP88-005/EA88-026: **1986-88 Acura Legend**
  - a. CAS Defect petition, 11/9/87; NHTSA response, 3/8/88.
  - b. NHTSA to Honda, 1/14/88.
  - c. Honda response, 2/5/88.
  - d. NHTSA to Honda, 4/26/88
  - e. NHTSA to Austin Rover, 5/2/88.
  - f. Honda response, 6/10/88; NHTSA response, 7/27/88. (with attachments)
  - g. Austin Rover to NHTSA, 6/28/88.
  - h. Honda response, 3/30/90. (selected attachments)
  - i. NHTSA to Honda, 5/31/90.
  - j. Honda monthly sudden acceleration incident reports, 7/90 to 10/90.
  - k. Closing resume & report, 1/10/91.
- 5. PE91-069/EA91-032 **1990-92 Acura Integra, Legend & NSX: 1990-92 Honda Civic.**
  - a. Opening resume, 4/26/91.
  - b. NHTSA to Honda, 5/2/91.
  - c. Honda response, 6/14/91.
  - d. Resume upgrading PE to EA, 7/12/91.
  - e. NHTSA to Honda, 8/21/91.
  - f. Honda response, 10/11/91
  - g. Honda further response, 11/15/91
  - h. NHTSA to Honda, voluntary recall request 1991 Integra & 1990-91 Civic, 12/20/91
  - i. Honda to NHTSA, 2/11/92
  - j. NHTSA to Honda, 4/16/92.
  - k. Honda response, 5/22/92.
  - l. Closing resume, 7/13/92.

#### **I. HONDA/STERLING INTERNAL DOCUMENTS**

- 1. Austin Rover to Honda, 7/1/86 (from 6/10/88 Honda to NHTSA, EA 88-026).
- 2. Austin Rover to Honda, 12/10/87 (from 6/10/88 Honda to NHTSA, EA88-026).
- 3. Honda to Austin Rover, 1/20/88 (from 6/10/88 Honda to NHTSA, EA88-026).
- 4. Honda technical materials on carburetor, cruise control & engine mount relation to sudden acceleration given to NHTSA at meeting during PE86-066, 10/19/86.

#### **J. NHTSA INVESTIGATIONS OF MAZDA**

- 1. PE 85-056: **1981-82 Mazda GLC**
  - a. CAS to NHTSA, Investigation request, 7/3/85.
  - b. NHTSA to Mazda, 8/12/85.
  - c. Mazda response, 10/17/85 (see item K.1 infra, Recall 85V-136).
  - d. CAS Press release, 1982 Mazda GLC recall, 10/31/85.
  - e. Closing resume, 11/6/85.
- 2. PE91-088: **1986-91 Fuel injected models**
  - a. Opening resume, 6/18/91.
  - b. NHTSA to Mazda, 6/25/91.
  - c. Mazda response, 7/12/91. (selected attachments)
  - d. Closing resume, 10/2/91.

#### **K. MAZDA RECALLS**

- 1. Recall 85V-136: 1981-82 Mazda GLC, 10/17/85.
- 2. Recall 86V-042: 1986 Mazda 626, 3/3/86.
- 3. Recall 87V-149: 1988 Mazda 626 & MX-6
  - a. Mazda to NHTSA, 9/14/87.
  - b. Mazda to NHTSA, 12/1/87.
- 4. Recall 88V-022: 1988 Mazda 626 & MX-6, 2/16/88.

#### **L. MAZDA INTERNAL DOCUMENTS**

- 1. Service Bulletin No. 035/87, 1986-88 RX-7 accelerated warming-up system, 11/19/87.
- 2. Service Bulletin No. 042/88, 1986-87 RX-7 surge or stumble during acceleration, 2/11/88.

#### **M. NISSAN BACKGROUND**

1. "US Safety Unit Upgrades Its Probe of Nissan Models," Wall Street Journal, 6/18/85.
2. "Runaway Cars Drawing Concern Nationwide," Virginian Pilot & Ledger Star, 12/7/86.
3. "Mysterious Problem Plagues Nissan Models," Los Angeles Daily News, 7/7/87.
4. "Nissan Unit in US Recalls 180,000 Autos," Wall Street Journal, 8/7/87.

#### **N. NHTSA INVESTIGATIONS OF NISSAN**

1. DP9-046: **1975-77 280Z, 810--Recall 79V-242**
  - a. CAS Petition to NHTSA, 4/26/79.
  - b. NHTSA response, recall for high idle, 10/19/79.
2. EA80-052: **1977 Datsun F10**
  - a. NHTSA to Nissan, 3/11/80; Nissan response, 4/28/80.
  - b. NHTSA to Nissan, 5/20/80; Nissan response, 6/23/80.
  - c. NHTSA to Nissan, 5/4/81; Nissan response, 6/24/81.
  - d. NHTSA to Nissan, 9/13/82; Nissan response, 10/29/82. (selected attachments)
  - e. NHTSA to Nissan, 10/13/83; Nissan response, 12/16/83. (selected attachments)
  - f. NHTSA to Nissan, 5/8/84; Nissan response, 6/26/84. (selected attachments)
  - g. Closing resume, 4/30/85.
3. PE85-08/EA 85-029: **1976-87 280Z & 300ZX--Recall 87V-090**
  - a. NHTSA to Nissan, 11/29/84.
  - b. Nissan response, 1/31/85.
  - c. CAS Press release, NHTSA opens investigation, 2/25/85.
  - d. Nissan to NHTSA, 12/24/85.
  - e. NHTSA to Nissan, 4/9/86.
  - f. Nissan response, 6/30/86.
  - g. NHTSA to Nissan, 11/14/86.
  - h. Nissan response, 2/3/87. (selected attachments)
  - i. Nissan memo of meeting with NHTSA, 3/9/87.
  - j. NHTSA to Nissan, denial of Nissan's request for confidentiality, 8/13/87.
  - k. CAS to NHTSA, request to include 1986-87 models, 6/15/87; NHTSA response, 7/27/87.
  - l. NHTSA to Nissan, 5/24/88.
  - m. Nissan response, 8/16/88.
  - n. Closing resume, 7/11/89.
4. DP90-004: **1979-87 Nissan 280ZX & 300ZX**
  - a. NHTSA Petition denial, 55 FR 21140-41, 5/22/90.
5. DP to reopen EA85-029: **1984-87 Nissan 300ZX**
  - a. Roupinian Petition to NHTSA, 12/7/92. (selected attachments)
  - b. NHTSA Petition denial, 2/26/93.

#### **O. NISSAN RECALLS**

1. Recall 79V-242: 1975-79 280Z/ZX & 810, 11/8/79.
2. Recall 87V-098: 1979-87 280ZX & 300ZX with automatic transmissions, 6/29/87.

#### **P. NISSAN TECHNICAL INFORMATION**

1. Nissan promotional information pamphlet, 1985.
2. "Report & Test Procedure for Automatic Cruise Control Device of 280Z," Japan Automobile Consumers Union, 10/81.

#### **Q. TOYOTA BACKGROUND**

1. "Toyota is Asked By US to Recall 74,000 Cressidas," Wall Street Journal, 4/1/86.
2. Toyota Recall, Associated Press, 10/2/86.

#### **R. NHTSA INVESTIGATIONS OF TOYOTA**

1. EA80-074: **1973-78 Toyota Corolla, Corona, & Celica**
  - a. NHTSA to Toyota, 5/2/80.
  - b. Toyota response, 6/25/80. (selected attachments)
  - c. NHTSA to Toyota, 7/9/80.
  - d. Toyota response, 8/29/80.
  - e. NHTSA closing resume, 9/28/83.
2. IR82-035/EA83-020: **1979-81 Toyota Corolla & Celica**
  - a. NHTSA to Toyota, 9/15/82.
  - b. Toyota response, 11/5/82.
  - c. CAS to NHTSA, 1/11/83; NHTSA response, 1/25/83.
  - d. NHTSA to Toyota, 3/23/83; Toyota response, 6/13/83.
  - e. NHTSA to Toyota, 1/17/84.
  - f. Toyota response, 3/2/84.

- g. Closing resume, 12/3/84
- 3. EA85-045: **1981-84 Toyota Cressida**
  - a. NHTSA to Toyota, 9/20/85.
  - b. Toyota response, 12/6/85.
  - c. NHTSA request to recall 1982-83 Cressidas, 2/28/86.
  - d. Toyota response, refusal to recall, 3/28/86.
  - e. CAS Petition to extend to 1985-86 models, 3/31/86; NHTSA response, 6/9/86.
  - f. NHTSA second request to recall, 5/6/86.
  - g. Toyota response, 5/6/86.
  - h. Toyota to NHTSA, 8/27/86.
  - i. Toyota to NHTSA, report on failed computer tested by NHTSA, 10/13/86.
  - j. NHTSA to Toyota, 11/14/86; Toyota Response, 2/10/87. (selected attachments)
  - k. Closing report, 2/18/88.
- 4. PE90-021: **1983-84 Toyota Camry**
  - a. CAS Petition, 3/31/86; NHTSA response, 8/7/86.
  - b. Opening resume, 12/1/89.
  - c. Closing resume, 3/21/90. (See recall 90V-040)
  - d. Toyota response re fail safe function in replacement computer, 5/30/90
  - e. Toyota further response, 9/7/90.
- 5. PE92-065/EA92-044: **1987-89 Toyota Camry, Celica with 2.0L engine**
  - a. Opening resume, 7/16/92.
  - b. NHTSA to Toyota, 8/5/92.
  - c. Toyota response, 11/13/92. (selected attachments)
  - d. Toyota supplement, 12/2/92. (selected attachments)
  - e. Resume upgrading PE to EA, 12/18/92.
  - f. NHTSA to Toyota, 3/12/93.

**S. TOYOTA RECALLS**

- 1. Recall 86V-132: 1982 Toyota Cressida, Celica, & Supra, 10/2/86.
- 2. Recall 90V-040: 1983-84 Toyota Camry & 1984 Toyota Corolla, 2/28/90.

**T. TOYOTA TECHNICAL MATERIALS**

- 1. Toyota to NHTSA, Description of Cruise Control Modifications, 2/21/86.
- 2. Cruise Control System (attachment to 2/10/87 Toyota submission in EA85-054).
- 3. Toyota Service Bulletin, Cruise Control Computer & Speed Fluctuation, 2/28/86.