IHS iSuppli Teardown Analysis of the 2011 Ford Edge

The IHS iSuppli Teardown Analysis Service provides complete, detailed analysis of the infotainment, engine, and in/out of cabin modules that drive innovative features of the 2011 Ford Edge such as Ford MyTouch SYNC. This IHS iSuppli Teardown Analysis delivers a complete assessment of all electronic, electro-mechanical, and mechanical components.

Key Issues Addressed
- How competitive are our designs from a technical perspective?
- Where does our competition stand in terms of design sophistication?
- Are our costs in line with those of our competitors?
- How much does it cost to add certain product features?
- What new or evolving solutions could we use in future designs that will increase performance and save money?
- How can we better position and differentiate our products?
- What components are contained in our product?

Teardown Analysis

Infotainment

Ford Sync Module (teardown consists of APIM, Touchscreen FDIM, and Media Hub)

- APIM (Accessory Protocol Interface Module) - PN: 14D212
  - Includes the CIP and VIP (Customer and Vehicle Information Processors)
  - Includes FDIM (Front Display Interface Module) - PN: 10D885
- FCIM (Front Controls Interface Module) - PN: 18842
- ACM (Audio Control Module) - PN: 18C869
- IPC (Instrument Panel Cluster) - PN: 10849
- GPSM (GPS Module) - PN: 10E893
- AM/FM Satellite Receiver - PN: 10E893
- Media Hub - PN: 19A387

Engine / Cabin / Mechanical

- PCM (Powertrain Control Module) - C175 B/E/T
- ABS Module - PN: 2C219
- PAM (Parking Aid Module) - PN: 15K866
- TPMS (Tire Pressure Monitoring System Module) - PN: 15K602
- BLIS (Blind Spot Information System)
  - SOD-R (Side Obstacle Detection Control Module – Right) - PN: 14C689
- Driver Seat Door button/sitch cluster panel
- Power Seat Controller (DSM)
- Body Control Module
Deliverables
The HIS iSuppli Teardown Analysis is presented online to provide users maximum flexibility in reviewing and using the teardown information.

- Detailed Bill of Materials (BOM) Analysis with Interactive Cost Tables and Multiple Summary Analysis Tabs
- High-Resolution Photographs
- Online Interactive Presentation
  - Photo Analysis of Disassembly
  - Executive Summary
  - Online Interactive Cost Tables

Downloads
- Detailed Bill of Materials (BOM) Analysis with Interactive Cost Tables and Multiple Summary Analysis Tabs
- High-Resolution Photographs

Executive Summary
- Key facts and figures on the device, cost assessment, major components used, etc.
- Key takeaways – everything you need to know at a high level about the device and teardown

Photo Analysis
- Disassembly Views of Major Components and Functional Areas Including: Device, Display and Printed Circuit Boards
- Major Components Annotated
- Color-Coded Functional Areas
- Block Diagrams
- IC - Die Photos and Markings