

# WAND Automotive Taxonomy



The WAND Automotive Taxonomy covers products and services related to the fields of original equipment manufacturer (OEM) and aftermarket parts for the automotive industry. It concentrates on performance parts but also includes some of the major accessories. The package is oriented to passenger vehicles: automobiles, motorcycles, sports vehicles, light trucks, etc. It does not attempt to include special vehicles such as fork lift trucks, tractors, emergency vehicles, military vehicles, etc. Automotive services including inspection, repair and maintenance are also covered here.

Unstructured data is believed to account for 80 to 85% of a typical organization's internal information. Company documents, articles, spend data, and other unstructured information needs to be quickly and easily accessible by your organization's employees. A company's products and service are its backbone and a high-quality and well-structured vocabulary of the standard product and service terms that are important to your company is crucial for your employees to unlock the value of unstructured data in your company.

## Applications

The WAND Automotive Taxonomy can be licensed and integrated into your existing intranet, content management application, spend management system, spend analysis application, knowledge management portal, or any other application that would benefit from the power of a robust taxonomy-based search.

Unstructured information from a variety of repositories can be consistently organized and searched by:

- Relevant and intuitive product and service categories
- Hierarchical drill-down browsing
- Numerous slices or segments of the taxonomy
- Related terms which may link to previously unknown information
- Filtered Search
- Any combination of taxonomy pathways which funnel the users to the information they need

## Structure and Delivery

The WAND Automotive taxonomy consist of a controlled vocabulary of terms with multiple relationships such as hierarchical parent-child relationships, related terms, and synonyms. Many of the terms are associated to attribute and attribute value templates for specification based descriptions. Language translations of the product and service terms (not attributes/attribute values) are available in English, French, German, Spanish, Italian, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, and Vietnamese. The Taxonomy is cross-mapped to many alternate classification systems including UNSPSC, NAICS, SIC, Harmonized Codes and Standard Yellow Page headings

Data can be delivered in a variety of format, including XML files, Access Database files, and csv, and is delivered via a password protected FTP site.

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## Data Points:

- Total Product and Service Terms: 1,711
- Total Feature Values: 4,090
- Total Option Values: 16,034

(As of April 29, 2008)

Below are the top level headings and a sampling of subheadings:

### Auto Services

- Automobile Brokers
- Parking Services
- Vehicle Transport Services

### Automotive Accessories

- Automobile Seat Covers
- Jumper Cables
- Sun Shades

### Automotive Maintenance Equipment

- Alignment Racks
- Fuel Pressure Testers
- Tire Mounting Equipment

### Automotive Parts

- Automotive Engines
- Drive Trains
- Suspension Systems

### Motor Vehicles

- Cargo Vans
- Limousines
- Porsche Cars

## Example of the WAND Automotive Taxonomy:

### Fuel Filters

#### Synonyms / Non-Preferred Term(s):

- Fuel-Inline Filters
  - Petroleum Filters
- #### Related Term(s):
- Aircraft Fuel Filters
  - Liquid Filters

### Diesel Fuel Filters

#### Synonyms / Non-Preferred Term(s):

- Vapor Canister Filters (Diesel Fuel)
- #### Related Term(s):

- Diesel Fuels

### Diesel Fuel Water Separators

#### Synonyms / Non-Preferred Term(s):

- Diesel Gasoline Water Separators
- #### Related Term(s):

- Diesel Fuels

### Gasoline Filters

#### Synonyms / Non-Preferred Term(s):

- Fuel Injection Filters
- Petrol Filters

### Fuel Indicators

#### Synonym

- Fuel Gauge

### Fuel Injection

#### Related Term

- Fuel Line

### Features & Options

#### 01 Filter Element Type

- 01 Pleated Paper
- 02 Sintered Bronze

#### 02 Type

- 01 Bowl Fuel Filter
- 02 Canister Fuel Filter
- 03 Vapor Separator-Filter

#### 03 Location

- 01 In-Line
- 02 In-Tank
- 03 At Manifold

#### 04 Thread Size

- 01 1/4 Inch - 18
- 02 3/8 Inch - 24
- 03 7/16 Inch - 20
- 04 5/8 Inch - 11
- 05 5/8 Inch - 24
- 06 11/16 Inch - 16

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