



Audi (UD)

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Audi (UD) AutoMap

TABLE OF CONTENTS

General Information	3
Messages and Versions	3
Data Field Restrictions.....	3
Miscellaneous Information	3
Part Descriptions	4
Bar Code Requirements	4
Security	5
Communication Method.....	5
Implementation	6
Identification Code File	6
Master File Entry for Audi	6
Date Conversion.....	6
Model Year	7
Requirement File - Clear Flags	7
Requirement File - Report Flags.....	7
CUM Required Prior	7
EDI Code File	7
Type Codes.....	7
Frequency Codes	8
AutoMap Features and Preferences	9
Activate or Deactivate Keywords - Change Error Types (Warning - Terminal).....	9

Auto-Transmit Flag for 997 10

Remove Company and Network Combinations 10

How to Use This Document..... 11

 General Information 11

 Security 11

 Implementation 11

 ASNs 12

 AutoMap Features and Preferences 12

General Information

Messages and Versions

The Audi module supports the following EDIFACT and Odette messages.

EDIFACT Message	Document Name	X12 Equivalent	Version
DELFOR	Delivery Forecast Schedule	830	D97A
DELFOR	Daily Call-Off	862	D97A
CONTRL	Functional Acknowledgement	997	D97A

All Audi EDIFACT messages are received and sent in the EDIFACT or Odette format. However, EDIFACT and Odette messages are processed as X12 transaction sets within AutoRelease. They are identified on inquiries and reports as the equivalent transaction set number.

The **DELFOR Forecast Delivery message** contains planning requirements. Suppliers receive the forecast message on a monthly, weekly, or daily basis. The DELFOR Forecast shows a planning period of up to six months for every part number of production material.

The **DELFOR Daily Call-Off message** is sent from Audi and contains firm requirements. It is used in place of the DELJIT. Suppliers receive the call-off message on a daily basis.

Data Field Restrictions

Data fields may NOT contain any of the following characters:

- : (colon)
- + (plus sign)
- ' (apostrophe)
- ? (question mark)

These characters are used as EDIFACT element separators, sub-element separators and segment terminators.

Miscellaneous Information

Emergency orders are handled via telephone. The supplier is paid from the paper invoice.

Part Descriptions

A part description code is sent in the IMD02 segment with the part number:

- 61 - New article
- 62 - Obsolete article
- 63 - Current article
- 66 - Current article spares
- 26 - Ship to line
- 79 - Other physical description

Bar Code Requirements

Audi does not require the use of bar code labels.

Security

Communication Method

Audi communicates through the ACM (Advanced Communications Module) component. For more information on ACM, see Chapter 17 of the AutoRelease main manual.

Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time, but may be accessed by multiple trading partners.

Implementation

Identification Code File

The Identification Code file is used when taking the option to "split" a file received from Audi, and also when transmitting AVIEXPs (DESADVs). The Identification Code file is used differently by different manufacturers.

Company Number	- xx
OEM Code	- UD
Plant ID	- Your Supplier Code
OEM ID	- 00013000057AUDI-INGR21
Corporate ID	- Not used by Audi
Remit to Duns Number	- Not used by Audi
VAT Code	- Tax ID
Transmission Mode	- P (Production)
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

Errors that occur during the "split" that indicates a code is missing from the Identification Code file are referring to plant ID or OEM ID.

AutoMap - Enter "Y" to place data in the AutoMap files (during the split).

Master File Entry for Audi

The entry of each master file is NOT explained in this document. Only the master files that require unique entry, to accommodate specific business practices for this trading partner are noted.

Date Conversion

Audi sends requirements with unique, non-traditional date formats which represent the number of the week requirements are being sent. This unique format: "YYYYWW" must be processed and converted to the Monday date of the week to assign requirement dates.

The keyword CONVNONSTD is used to convert the date from "YYYYWW" (where "ww" is the number of the week of the year, beginning with 1 through 52) to a MMDDYY (month-day-year format, beginning with a Monday date).

Model Year

Audi does not send model year. Therefore, the requirement and price files must be entered leaving the model year fields blank.

Requirement File - Clear Flags

The requirement master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

Requirement File - Report Flags

The requirement master 830 and 862 report flags must be marked.

CUM Required Prior

Audi sends both CUM required prior and CUM received. The CUM required prior is placed in the CUM required prior field and the CUM received is printed only. It is not necessary to enter a CUM required figure manually before going live. The CUM required that is transmitted overlays what was entered manually.

The CUM Required Prior is used to calculate ahead and behind figures and to round to package quantity. Enter the CUM Required Prior when entering an Audi manual requirement or while testing. To enter, access the Manual Requirements Entry screen and select a part or press F5.

EDI Code File

Audi transmits a numeric code that AutoRelease converts to an alpha type and frequency code.

Type Codes

- C - Firm
- D - Planning

Forecast DELFOR

- Code 10 (immediate) converted to C (firm)
- Code 4 (planning) converted to D (planning)
- Code 9 (user-defined) converted to C (firm)

Daily Call-Off DELFOR

- Code 10 (immediate) converted to C (firm)
- Code 9 (user-defined) converted to D (planning)

Frequency Codes

Frequency codes (P1, P2, DD) are sent in the SCC segment.

- P1 converted to D
- P2 converted to D

The frequency code for DD is determined by the value sent in the DTM segment:

Value		Frequency
102	converted to	D for Daily
616	converted to	W for Weekly
716	converted to	M for Monthly

AutoMap Features and Preferences

Some features and preferences within AutoMap can be maintained by the user, such as:

- Keywords may be activated or deactivated
- The auto-transmit 997 function may be turned on or off
- Company and VAN combinations may be added or removed.

Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate Audi practices. To view keywords used by Audi:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).
4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

T (terminal) - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

W (warning) - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).

Auto-Transmit Flag for 997

Maps are created to automatically transmit a 997 to the trading partner upon receipt of a file. Some trading partners do not require a 997 and prefer not to receive them. To turn off the 997 auto-transmit flag, follow the steps below.

1. From the AutoMap main menu choose option 5, Map Maintenance and press Enter.
2. From the Map Maintenance screen Press F7 (Job Controls).
3. From the Maintain Job Controls screen, select *SYSTEM with "1" and press Enter.
4. From the System Controls screen press F15 (Archive by Trading Partner).
5. In the System Controls window, change the Auto Transmit 997 flag from Y to N.
6. Press Enter.

Remove Company and Network Combinations

When ACM is not enabled, each transaction set must be associated with a VAN and an AutoRelease company number in map maintenance. During the initial installation of a map, all company number and network combinations found on your system are entered into map maintenance by the system. Unused combinations may be deleted.

To delete a company/network combination:

1. From the AutoMap main menu choose option 5, "Map Maintenance."
2. Select the trading partner with "1."
3. Select the transaction set with "1."

Remove company/network combinations that are not needed. The first five combinations display on the Transaction Maintenance screen. Additional combinations may be accessed with F4 (Prompt).

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. There is a separate document called "AutoMap Manual" which describes those procedures which apply to all trading partners (NOT unique for each trading partner) such as the daily procedures, job controls, etc.

General Information

The general information section of this document describes transaction sets, how they apply to this trading partner and other miscellaneous information.

Security

The security section of the document explains the network(s) used by this trading partner, and specific information about how to create the trading partner cross reference file.

Implementation

Requirements received via AutoMap are processed into the AutoRelease master files to perform shipping, ASN and invoicing functions. Therefore, enter all master files in the same manner as required when processing data from the AutoRelease menus.

Exception: Special AutoMap processing needs are handled via keywords in AutoMap. Therefore, clear flags and special processing flags (F20) should not be marked.

The entry of each master file is NOT explained in this supplement. Only those that require specific fields marked to accommodate specific business practices for this trading partner are noted.

The master files required during the "process" from the AutoMap Requirement Display, are the same files that are required when processing from the VL0 menus:

- Machine Readable - customer and destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the requirement and load files.

ASNs

All AutoMap trading partners transmit ASNs to the trading partner by using option 3 (ASNs) from the AutoMap menu. The ASN section of each trading partner document describes the ASN cancellation procedure and mandatory ASN fields for a specific trading partner.

A complete description of the common options can be found in the ASN section of the AutoMap manual.

AutoMap Features and Preferences

In AutoMap, keywords are unique for the business practices of the trading partner. This section describes how to access keywords, whether there are optional or conditional keywords for this trading partner, and how to activate and deactivate keywords.

All maps are created to automatically transmit a 997 to the trading partner upon receipt of a file. Some trading partners do not require a 997 and prefer not to receive them. Procedures to turn the "Auto Transmit 997 Flag" on or off are described.

Each transaction set must be associated with a VAN and an AutoRelease company number in map maintenance. During the initial installation of a map, all company and network combinations, found on your system, are entered into map maintenance by the system. How to remove the company/network combinations that are not used is explained in this section. How to add new company/network combinations is explained in this section.