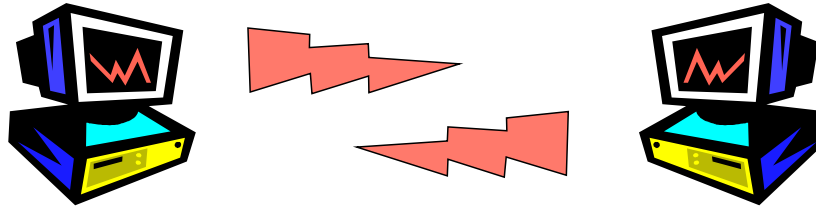


**DELPHI**

## ***Electronic Data Interchange (EDI)***

*Supplier Training*

The purpose of this module is to discuss the various EDI messages used in the implementation of Delphi SAP. It is at a high level. Okay, maybe a step or two below that. Understand that EDI is critical as it transmits the requirements and other information between Delphi and supplier.

The Delphi EDI Implementation Guidelines are available on the Delphi Supplier Portal. More information on the portal is at the end of this module.

**DELPHI**What is EDI?

- ◆ **E**lectronic **D**ata **I**nterchange
- ◆ EDI is a material of Supply Management contracts from Delphi-E&S for lean and efficient business processes
- ◆ EDI in EDIFACT version D97.A standard is a requirement for doing business with Delphi-E&S
- ◆ If a vendor is not EDIFACT capable, the alternative is to use the Delphi WebEDI application on the Delphi Portal

EDI is the acronym for **E**lectronic **D**ata **I**nterchange. Conducting business through EDI is a requirement for doing business with Delphi.

**DELPHI****Benefits of EDI**

- ◆ Data can be fed into various computer systems without human interaction
- ◆ No re-keying of data when process is done properly
- ◆ Minimizes chances of human error
- ◆ Time savings
- ◆ Cost reduction to customer and supplier
- ◆ Increases ability to be competitive

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*Supplier Training*

As you can see, there are many benefits to communicating electronically, both for Delphi and our suppliers.

EDIFACT is preferred over WebEDI to reduce the errors caused by manual interactions.

<b>DELPHI</b>		<b>Messages Exchanged</b>
<b>EDIFACT</b>	<b>WebEDI</b>	<b>Description</b>
<b>DELFOR*</b>	View Forecast	Supplier Forecast Schedule ( <i>to supplier</i> )
<b>DELJIT*</b>	View Ship Schedules/ KANBAN CALLS	Supplier JIT (Ship) Schedule ( <i>to supplier</i> )
<b>ORDERS</b>	View Orders	Purchase Order (Spot Buy)
<b>ORDCHG</b>	View Orders	Change Order (Spot Buy)
<b>GENRAL</b>	View GENRAL Messages	Bulletin Message ( <i>to supplier</i> )
<b>DESADV*</b>	View Advance Ship Notices/ Create Advance Ship Notice	Advanced Shipping Notice (sent <u>from</u> supplier)
<b>CONTRL</b>	Not Used	Functional Acknowledgment
<b>APERAK</b>	View Application Advice	Application (ASN) Error Acknowledgement ( <i>to supplier</i> )
<b>RECADV</b>	View Receiving Advice	Receipt Advice ( <i>to supplier</i> )
<b>*IMPORTANT</b> – DELJIT, DELFOR, and DESADV are <b>the only transactions tested during EDIFACT certification</b> . Suppliers <b>are responsible</b> for correctly receiving the <b>CONTRL, APERAK, RECADV, ORDERS, ORDCHG, and GENRAL</b> messages.		

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Supplier Training

These are the EDI transactions used by Delphi.

The table above details various messages through EDI. The DELJIT, DELFOR, and DESADV will be tested during certification. The CONTRL, APERAK, RECADV, ORDERS, ORDCHG, and GENRAL messages will not be tested; however, suppliers are responsible to ensure they can receive these as well.

The EDIFACT Implementation Guidelines are available from “**THE PUBLIC PAGES OF THE DELPHI SUPPLIER COMMUNITY PORTAL**” (<http://delphi.com/suppliers/>), the “Vega Documentation” link under the “Vega (EDI)” section.

**DELPHI****DELFOR**

- ◆ Delphi-E&S forecasting message sent to suppliers giving details on short and long-term material requirements
- ◆ Available for pick up following the MRP cycle (see slide notes below)
- ◆ When a new DELFOR is received by the supplier, it totally replaces the previous DELFOR. **Do not keep old copies**
- ◆ Is sent to the “FA” of the SA Partner Function

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Supplier Training

DELFOR is the Delphi-E&S forecasting EDIFACT message that provides up to 52 weeks of planning information. It is sent to suppliers for planning purposes only.

It is a Scheduling Agreement (sometimes called a Blauet PO) and begins with “055”.

It is called the “Supplier Forecast Schedule” in WebEDI.

Delphi-E&S MRP Cycles (in “Eastern” time-zone):

<u>Plant or Plant Location</u>	<u>MRP Time &amp; Day</u>	<u>Planning Week</u>
Germany	19:00 Sunday	Sunday to Saturday
Plant DA74	13:00 Monday	Monday to Sunday
Plant U001	15:00 Monday	Monday to Sunday
North America except DA74 to Sunday	19:00 Monday	Monday
Plant H004	20:00 Tuesday	Tuesday to Monday
Asia Pacific	15:00 Saturday	Saturday to Friday

DELPHI	DELFOR EDIFACT Example
<p>UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040316:0311+175++DELFOR            UNH+1+DELFOR:D:97A:UN            BGM+241+20040316031123+5'            DTM+158:20031101:102'            DTM+159:20051231:102'            NAD+MI+002136823::16'            NAD+SF+006068050::16'            NAD+SU+006068050::16++ABC SUPPLY COMPANY'            GIS+37'            NAD+ST+DAO1::92++DELPHI D KOKOMO PLANT 6,7,8,9'            CTA+IC+RHONDA SMITH'            COM+765.451.8996:TE            LIN+++9401763 :IN            IMD++++:HEADER-07POS,M,V,2M'            LOC+11+DAO1'            LOC+159+0001'            RFF+ON+0550044130'            RFF+RE:13'            DTM+137:20040315:102'            QTY+70:46000:C62'            RFF+SI:000109016'            DTM+11:20040311:102'            SCC+4++F            QTY+1:12000:C62'            DTM+10:20040315:102'            DTM+159:20040321:102'            QTY+1:14000:C62'            DTM+10:20040322:102'            DTM+159:20040328:102'            QTY+1:17000:C62'            DTM+10:20040329:102'            DTM+159:20040404:102'            QTY+1:415000:C62'            DTM+10:20050124:102'            DTM+159:20050130:102'            SCC+2'            QTY+3:295000:C62'            DTM+52:20040412:102'            SCC+3'            QTY+3:837000:C62'            DTM+52:20040607:102'            UNT+305+2            UNZ+2+175'</p>	<p>Interchange Header <b>DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup></b>            Message Header 1, Document Type, Version            EDI Release Number            Horizon start date            Horizon end date            Delphi Divisional DUNS number(may differ per plant or division)            Supplier ship from DUNS number            Supplier DUNS number and name            Processing indicator (Complete Information)  <b>DELPHI SHIP TO LOCATION</b>            Delphi contact name            Delphi contact telephone number  <b>DELPHI MATERIAL NUMBER</b>            Delphi material description            Delphi Plant code and receiving dock            Storage location  <b>DELPHI SCHEDULING AGREEMENT</b>            DELFOR Release Number            DELFOR Release date            Cum. quantity received since start of inventory date            Last ASN number received            Date ASN received            Scheduling Conditions (Planning)            Planning Quantity            Shipment date requested            Weekly period end date            Quantity for week 1            Shipment date requested            Weekly period end date            Quantity for week 2            Shipment date requested            Weekly period end date            Quantity for week 45            Shipment date requested            Weekly period end date            Scheduling Conditions (Fabrication)            Cumulative fabrication authorization quantity            Cumulative quantity end date            Scheduling Conditions (Material Authorization)            Cumulative material authorization quantity            Cumulative quantity end date            End Message 2            End Interchange Header</p>

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****DELFOR EDIFACT Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040316:0311+175++DELFOR'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'*

UNH+1+DELFOR:D:97A:UN'  
*Message Header 1, Document Type, Version*

BGM+241+20040316031123+5'  
*EDI Release Number*

DTM+158:20031101:102'  
*Horizon start date*

DTM+159:20051231:102'  
*Horizon end date*

NAD+MI+002136823::16'  
*Delphi Divisional DUNS number (may differ per plant or division)*

NAD+SF+006068050::16'  
*Supplier ship from DUNS number*

NAD+SU+006068050::16++ABC SUPPLY COMPANY'  
**Supplier DUNS number and name**

The UNB+segment contains information for the Delphi mailbox and the suppliers mailbox.

The NAD+SU segment contains the suppliers DUNS number field. This is your “ship-from” DUNS number, the location that Delphi picks up the shipment.

**DELPHI****DELFOR EDIFACT Example**

GIS+37'

*Processing indicator (Complete Information)*

NAD+ST+DA01::92++DELPHI D KOKOMO PLANT 6,7,8,9'

**DELPHI SHIP TO LOCATION**

CTA+IC+:RHONDA SMITH'

*Delphi contact name*

COM+765.451.8996:TE'

*Delphi contact telephone number*

LIN+++9401763:IN'

**DELPHI MATERIAL NUMBER**

IMD+++:::HEADER-07POS,M,V,2M'

*Delphi material description*

LOC+11+DA01'

*Delphi Plant code and receiving dock*

The NAD+ST segment contains the Delphi plant location.

The LIN segment contains the Delphi Material number.



**DELPHI****DELFOR EDIFACT Example**

LOC+159+0001'

*Storage location*

RFF+ON:0550044130'

**DELPHI SCHEDULING AGREEMENT**

RFF+RE:13'

***DELFOR Release Number***

DTM+137:20040315:102'

*DELFOR Release date*

QTY+70:46000:C62'

*Cum. quantity received since start of inventory date*

RFF+SI:000109016'

*Last ASN number received*

The RFF+ON segment contains the Delphi Scheduling Agreement (blanket PO).

The RFF+SI segment contains the ***Shipment Identification number*** (SID) of the last DESADV received against the DELJIT requirement. If multiple shipments were received only the last is given but the total quantity received will be reflected in the Cum. Quantity Received.

**DELPHI****DELFOR EDIFACT Example**

DTM+11:20040311:102'

*Date ASN received*

SCC+4++F'

*Scheduling Conditions (Planning)*

QTY+1:12000:C62'

*Planning Quantity*

DTM+10:20040315:102'

*Shipment date requested*

DTM+159:20040321:102'

*Weekly period end date*

QTY+1:14000:C62'

*Quantity for week 1*

DTM+10:20040322:102'

*Shipment date requested*

Beginning of the weekly forecasted quantities (buckets).

**DELPHI****DELFOR EDIFACT Example**

DTM+159:20040328:102'

*Weekly period end date*

QTY+1:17000:C62'

*Quantity for week 2*

DTM+10:20040329:102'

*Shipment date requested*

DTM+159:20040404:102'

*Weekly period end date*

QTY+1:415000:C62'

*Quantity for week 45*

DTM+10:20050124:102'

*Shipment date requested*

DTM+159:20050130:102'

*Weekly period end date*

**DELPHI****DELFOR EDIFACT Example**

SCC+2'

*Scheduling Conditions (**Fabrication Authorization**)*

QTY+3:295000:C62'

*Cumulative fabrication authorization quantity*

DTM+52:20040412:102'

*Cumulative quantity end date*

SCC+3'

*Scheduling Conditions (**Material Authorization**)*

QTY+3:837000:C62'

*Cumulative material authorization quantity*

DTM+52:20040607:102'

*Cumulative quantity end date*

UNT+305+2'

*End Message 2*

UNZ+2+175'

*End Interchange Header*

Any changes to the Fabrication and Material Authorization quantities or dates must be negotiated with Global Supply Management.

**DELPHI** WebEDI - View Forecasts

WEBEDI HOME LOG OUT DELPHI HOME ABOUT WEBEDI MY PROFILE









**VIEW FORECASTS** **FORECAST DETAILS**

*View Forecast Criteria*

Created from: Mar / 9 / 2004 to: Mar / 15 / 2004 ☒ All Dates

Plant: All Material Number: All

Viewed Status: All ☒ Current Releases Only GO

Creation Date	Plant Code	Material Number	PO Number	Release Number	Viewed	Forecast Details
2004-03-09	DA98	12218650	0550049340	12	New	 XML 
2004-03-09	DA98	12218667	0550049339	12	New	 XML 
2004-03-09	DA98	12219811	0550049339	12	New	 XML 
2004-03-09	DA98	12218672	0550049339	12	New	 XML 

◆ Click **VIEW FORECASTS** on the menu

◆ Click on **FORECAST DETAILS**

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Click on “**View Forecasts**” on the menu to the left.

Make sure you are shipping to the latest release number. To do this be sure to check off the “All Dates” and “Current Releases Only” boxes and press the GO button to refresh.

Click on the bent-page icon under Forecast Details to view the “**Supplier Forecast Schedule**”.

**DELPHI**
**WebEDI - Forecast Details**

VIEW FORECASTS FORECAST DETAILS
PRINT

**Supplier Forecast Schedule**

**Supplier**  
XYZ Company

**Schedule Information**  
Scheduling Agreement Number: 0550049340  
Horizon Start Date: 2003-12-15  
Horizon End Date: 2005-03-01  
Vendor Number: 0001007719  
Supplier Duns Number: 075922695  
Ship From Duns Number: 075922695

**Part Details**  
Release Number: 12  
Release Date: 2004-03-09  
Description: CAP-CER,0.33UF,10  
Material Number: 12218650  
Fab. Auth. Date: 2004-04-06 Qty: 16000  
Material Auth. Date: 2004-06-01 Qty: 48000  
Last ASN SID#: NONE  
Last ASN Date:  
Cum Received Qty: 0.000  
Order Unit of Measure: PCE

**Destination Plant Details**  
Ship To Plant Code: DA98  
Ship To Plant Name: DELPHI D HEM TUCSON  
Contact Person: P.NAGORE  
Telephone: 520.806.8889  
Ship To Dock Code: DA98  
Storage Location: 0001

End Horizon Planning Date	Scheduled Qty
2004-03-21	4000
2004-03-28	4000
2004-04-04	4000
2004-04-11	4000
2004-04-18	4000
2004-04-25	4000
2004-05-02	8000
2004-05-09	4000

This is an example of a Supplier Forecast Schedule (DELFOR) and how it will appear in WebEDI.

The DELFOR contains up to a 52-week forecast and will be available after the MRP cycle, the same as EDIFACT. Be aware that this schedule can be ran again, so make sure you are looking at the latest release.

The DELFOR is provided for planning purposes only, with lead times for material procurement and fabrication authorization dates and quantities given.

The “**End Horizon Planning Date**” is end of the planning week based on the MRP cycle date (in “Eastern” time-zone):

<u>Plant or Plant Location</u>	<u>MRP Time &amp; Day</u>	<u>Planning Week</u>
Germany	19:00 Sunday	Sunday to Saturday
Plant DA74	13:00 Monday	Monday to Sunday
Plant U001	15:00 Monday	Monday to Sunday
North America except DA74 to Sunday	19:00 Monday	Monday
Plant H004	20:00 Tuesday	Tuesday to Monday
Asia Pacific	15:00 Saturday	Saturday to Friday

**DELPHI**
WebEDI - Forecast Details

VIEW FORECASTS FORECAST DETAILS
PRINT

**Supplier Forecast Schedule**

**Supplier**  
XYZ Company

**Schedule Information**  
Scheduling Agreement Number: 0550049340  
Horizon Start Date: 2003-12-15  
Horizon End Date: 2005-03-01  
Vendor Number: 0001007719  
Supplier Duns Number: 075922695  
Ship From Duns Number: 075922695

**Part Details**  
Release Number: 12  
Release Date: 2004-03-09  
Description: CAP-CKR,U,33UF,10  
Material Number: 12218650  
Fab. Auth. Date: 2004-04-06 Qty: 16000  
Material Auth. Date: 2004-06-01 Qty: 48000  
Last ASN SID#: NONE  
Last ASN Date:  
Cum Received Qty: 0.000  
Order Unit of Measure: PCE

**Destination Plant Details**  
Ship To Plant Code: DA98  
Ship To Plant Name: DELPHI D HEM TUCSON  
Contact Person: P.NAGORE  
Telephone: 520.806.8889  
Ship To Dock Code: DA98  
Storage Location: 0001

End Horizon Planning Date	Scheduled Qty
2004-03-21	4000
2004-03-28	4000
2004-04-04	4000
2004-04-11	4000
2004-04-18	4000
2004-04-25	4000
2004-05-02	8000
2004-05-09	4000

If the **End Horizon Planning Date** is one day prior to the **Release Date** of the forecast, the **Scheduled Qty** is a “past due” amount. Check your open ASNs for in-transit shipments. If not sure, contact the **Contact Person** listed on the Supplier Forecast Schedule.

Descriptions and details of each of the fields are available in the *WebEDI Users Manual*. <http://www.delphisuppliers.com>

**Remember: This document is strictly for planning only. You do not ship to the forecast.**

**DELPHI****DELJIT**

- ◆ Delphi-E&S delivery document comprised of a list of material(s) for which a shipment is authorized
- ◆ Date on DELJIT is shipping date
  - Ship material to Delphi-E&S on the specified Ship Date(s). Transportation time to destination plant is factored in on the shipping schedule
  - If you ship more than once a day, the Delphi-E&S plant will work with you to develop a methodology to accommodate old shipments per day

DELJITs are delivery documents sent by Delphi-E&S to suppliers. The DELJIT will be available after MRP, similar to the DELFOR.

It is called the “Supplier JIT Schedule” in WebEDI.

Scheduled quantities not yet received on the date of the latest DELJIT release will appear as a quantity to be shipped on one day prior to the DELJIT release date. **Caution: Do not reship what is in transit.**



**DELPHI****DELJIT**

- ◆ When a DELJIT is received by the supplier, it replaces the previous DELJIT. Do not keep old copies
  - As business conditions change, Delphi-E&S may send additional replacement DELJITs
  - Material requirements on the new DELJIT supercede that material(s) requirements from the previous DELJIT
  - Respond to any additional DELJIT you may receive as best you can and contact the sending Delphi-E&S plant if you have any questions

When a replacement DELJIT is received by the supplier, it should totally replace the previous DELJIT.

**DELPHI****DELJIT**

- ◆ Provides up to a 2-week (10-day) daily horizon for shipment-based material; however if a change occurs, a replacement will be made and may be identified by release number
- ◆ Scheduled quantities shipped, but not yet received, will appear as a ship date prior to the release date of the DELJIT
- ◆ Is sent to the “OA” Partner Function of the SA

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Supplier Training

A DELJIT provides a up to a 10-day schedule for shipment-based material; however, changes may occur; therefore, suppliers should plan to check daily for a replacement DELJIT.

When a replacement DELJIT is received by the supplier, it should totally replace the previous DELJIT. **Do not keep old copies.**

Scheduled quantities not yet received on the date of the latest DELJIT release will appear as a quantity to be shipped on one day prior to the DELJIT release date. **Caution: Do not reship what is in transit.**

**DELPHI**
**DELJIT EDIFACT Example**

```

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040323:0306+159++DELJIT*
UNH+1+DELJIT:D:97A:UN*
BGM+:::SH+13+5*
DTM+137:20040323:102*
DTM+158:20031101:102*
DTM+159:20041231:102*
RFF+AA:0550039786*
NAD+MI+002136823::16*
NAD+SU+006068050::16++ABC SUPPLY COMPANY*
NAD+ST+DA24:92++DELPHI D DELNOSA PLANT 1-4*
SEQ+6*
PAC++67*
PCI++4C5A2++11Z::167*
PCI++DA24++12Z::167*
PCI++0002++13Z::167*
PCI++DELPHI D DELNOSA PLANT 1-4++14Z::167*
PCI++LOS INDIOS++15Z::167*
PCI++ ++16Z::167*
PCI++HEADER-MALE R/ANGLE++17Z::167*
LIN+++16200317:IN*
LOC+11+DA24*
CTA+IC++EVA ZANEL*
COM+956:228:7956:TE*
LOC+159+0002*
QTY+70:62400:C62*
RFF+SI:000109017*
DTM+11:20040226:102*
QTY+1:6000:C62*
DTM+10:20040330:102*
UNT+29+3*
UNZ+3+159*

```

```

Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID*
Message Header 1, Document Type, Version
EDI Release Number, SH for Shipment Based
Document issue date
Horizon start date
Horizon end date
DELPHI SCHEDULING AGREEMENT
Delphi Divisional DUNS number (may differ per plant or division)
Supplier DUNS number and name
DELPHI SHIP TO LOCATION
Sequence Details
Tagging/Bar Code instructions indicator
Label shipping marks - Storage Location
Label shipping marks - Plant Code
Label shipping marks - Storage Bin
Label shipping marks - Delphi Plant Name
Label shipping marks - Delphi Plant City
Label shipping marks - (reserved)
Label shipping marks - Product Description
DELPHI MATERIAL NUMBER
Receiving dock
Contact information
Communication contact
Material handling code/Line feed location
Cumulative quantity received by Delphi
Last SID received
Date of last ASN received
Discrete quantity
Shipment date/time requested
End Message 3
End Interchange Header

```

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****DELJIT Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040323:0306+159++DELJIT'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'*

UNH+1+DELJIT:D:97A:UN'  
*Message Header 1, Document Type, Version*

BGM+:::SH+13+5'  
*EDI Release Number; SH for Shipment Based*

DTM+137:20040323:102'  
*Document issue date*

DTM+158:20031101:102'  
*Horizon start date*

DTM+159:20041231:102'  
*Horizon end date*

RFF+AAN:0550039786'  
**DELPHI SCHEDULING AGREEMENT**

Similar to DELFOR, the UNB+ segment contains mailbox information.

The RFF+AAN segment contains the Delphi Scheduling Agreement. Return this value exactly to the DESADV. **Note:** It begins with 055.

**DELPHI****DELJIT Example**

NAD+MI+002136823::16'

*Delphi Divisional DUNS number (may differ per plant or division)*

NAD+SU+006068050::16++ABC SUPPLY COMPANY'

**Supplier DUNS number and name**

NAD+ST+DA24::92++DELPHI D DELNOSA PLANT 1-4'

**DELPHI SHIP TO LOCATION**

SEQ+6'

*Sequence Details*

Return the values as seen in NAD+MI, NAD+SU and the NAD+ST segments exactly to the DESADV.

**DELPHI****DELJIT Example**

PAC++:67'  
*Tagging/Bar Code instructions indicator*

PCI++4C5A2++11Z::167'  
*Label shipping marks - Storage Location*

PCI++DA24++12Z::167'  
*Label shipping marks - Plant Code*

PCI++0002++13Z::167'  
*Label shipping marks - Storage Bin*

PCI++DELPHI D DELNOSA PLANT 1-4++14Z::167'  
*Label shipping marks - Delphi Plant Name*

PCI++LOS INDIOS++15Z::167'  
*Label shipping marks - Delphi Plant City*

PCI++ ++16Z::167'  
*Label shipping marks - (reserved)*

PCI++HEADER-MALE R/ANGLE++17Z::167'  
*Label shipping marks - Product Description*

This section contains information to be mapped to your labels.

**DELPHI****DELJIT Example**

LIN+++16200317:IN'  
**DELPHI MATERIAL NUMBER**

LOC+11+DA24'  
*Receiving dock*

CTA+IC+:EVA ZANEL'  
*Contact information*

COM+956.228.7956:TE'  
*Communication contact*

LOC+159+0002'  
*Material handling code/Line feed location*

QTY+70:62400:C62'  
*Cumulative quantity received by Delphi*

RFF+SI:000109017'  
**Last SID received**

The LIN segment is the Delphi Material Number

The RFF+SI segment contains the last SID received.

Map to DESADV exactly as seen.

**DELPHI****DELJIT Example**

DTM+11:20040226:102'  
*Date of last ASN received*

QTY+1:6000:C62'  
*Discrete quantity*

DTM+10:20040330:102'  
*Shipment date/time requested*

UNT+29+3'  
*End Message 3*

UNZ+3+159'  
*End Interchange Header*

The DESADV Unit Of Measure must match the shipment and the DELJIT Unit Of Measure.

Example: If the DELJIT says ship in rolls, then ship in rolls. The Unit Of Measure in the DESADV must be the same.

If the Unit of Measure is incorrect you must contact the Delphi buyer to make the change.



DELPHI

## WebEDI - View Ship Schedules

Creation Date	Type	Plant Code	Material Number	PO Number	Release Number	Shuttle Number	ASN Created	Viewed	Ship Schedule Details
2004-03-15	Schedule	DA98	12218660	0550049337	15		No	New	[Icon] [XML] [X]
2004-03-11	Schedule	DA98	12218650	0550049340	16		No	New	[Icon] [XML] [X]
2004-03-10	Schedule	DA98	12218650	0550049340	15		No	New	[Icon] [XML] [X]
2004-03-10	Schedule	DA98	12218650	0550049340	14		No	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218650	0550049340	13		No	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218650	0550049340	12		No	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218667	0550049339	9		No	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218672	0550049339	8		No	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218653	0550049338	14		Yes	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218660	0550049337	14		No	New	[Icon] [XML] [X]
2004-03-09	Schedule	DA98	12218665	0550049335	12		No	New	[Icon] [XML] [X]

◆ Click **VIEW SHIP SCHEDULES/KANBAN CALLS** on the menu

This is an example of the View Ship Schedules/Kanban Calls screen. This will take you to the Ship Schedule Details screen.

Make sure you are shipping to the latest release number. To do this be sure to check off the “All Dates” and “Current Releases Only” boxes and press the GO button to refresh.

Click on the bent-page icon under Forecast Details to view the “**Supplier JIT Schedule**”.

DELPHI

## WebEDI - View Ship Schedules

VIEW SHIP SCHEDULES SHIP SCHEDULE DETAILS

Supplier JIT Schedule PRINT

<b>Supplier</b> XYZ Company	<b>Schedule Information</b>  Scheduling Agreement Number: 0550049337 Horizon Start Date: 2003-12-15 Horizon End Date: 2005-03-01 Vendor Number: 0001007719 Ship From Duns Number: 075922695
--------------------------------	---

<b>Part Details</b>  Part Release Number: 15 Part Release Date: 2004-03-15 Part Description: INDUCTOR-2.2UH,10 Material Number: 12218660 Last ASN SID#: 86299863 Last ASN Date: 2004-02-26 Cum Received Qty: 4000.000 Order Unit of Measure: PCE	<b>Destination Plant Details</b>  Ship To Plant Code: DA98 Ship To Plant Name: DELPHI D HEM TUCSON Contact Person: P.NAGORE Telephone: 520.806.8889 Ship To Dock Code: DA98 Storage Location: DA98
---	---

**Bar Code Label Data**

Bar Code Text:

Ship Date	Scheduled Qty
2004-03-14	2000
2004-03-17	2000
2004-03-22	2000
2004-03-25	2000

This is an example of how a Supplier JIT Schedule (DELJIT) will appear in Web EDI. The DELJIT is accessed through the *Supplier Ship Schedule* link in Web EDI. This document is your authorization to ship product and will show up to a two-week (10-day) ship schedule.

Ship material to Delphi-E&S on the specified Ship Date(s). Transportation time to destination plant is factored in on the shipping schedule

A ship date prior to the release date indicates past due or in-transit material.

**DELPHI****ORDERS**

- ◆ It is a Purchase Order (Spot Buy)
- ◆ Gives details on specific quantities to be delivered to specific delivery points
- ◆ Can be sent at any time
- ◆ Contains a **Requested Delivery Date** instead of Ship Date
- ◆ A DESADV is required when shipment is made
- ◆ Is sent to “VN” partner function of the PO

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Supplier Training

Will be used for Spot Buys, not intended for regular scheduled production material.

May be used for prototype builds, build-outs.

It is called the “Orders” in WebEDI.

It begins with “045”.

Important difference from DELJIT – **Requested Delivery Date** instead of a shipping schedule.

ORDERS messages are sent when the PO is issued.

**DELPHI**
**ORDERS Example**

```

UNB+UNOA:2+DPH:ZZ+MZH:ZZ+040403:0404+382++ORDERS'
UNH+1+ORDERS:D:97A:UN'
BGM+:::105+20040403040031+9'
DTM+137:20040403:102'
RFF+AMG:SB'
RFF+ON:0450055445'
DTM+4:20040402:102'
NAD+ST+DA26::92'
NAD+SU+006068050::16++ABC SUPPLY COMPANY'
NAD+MI+002136823::16++Delco Electronics NA'
CTA+IC+Neihart, D (Pkg)'
COM+765-451-2609:TE'
COM+765-451-0265:FX'
LIN+00010+001+16248237:IN'
IMD+X+8+:::TRAY-RTN'
QTY+21:2500:PCE'
DTM+2:20040402:102'
UNS+S'
CNT+23:2500:C62'
UNT+19+1'
UNZ+1+382'

```

```

Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID1
Message Header 1, Document Type, Version
EDI Release Number; 105 for ORDERS
Document issue date
Delphi document type
DELPHI PURCHASE ORDER NUMBER
Purchase Order issue date
Delphi ship to location
Supplier DUNS number and name
Delphi Divisional DUNS number(may differ per plant or division)
Contact information
Communication contact (TE = Telephone Number)
Communication contact (FX = Fax Number)
DELPHI MATERIAL NUMBER
Item description
Quantity (21 = Ordered)
Requested delivery date
Section control
Control total
End Message 1
End Interchange Header

```

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****ORDERS Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040403:0404+382++ORDERS'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'*

UNH+1+ORDERS:D:97A:UN'  
*Message Header 1, Document Type, Version*

BGM+:::105+20040403040031+9'  
*EDI Release Number; 105 for ORDERS*

DTM+137:20040403:102'  
*Document issue date*

RFF+AMG:SB'  
*Delphi document type*

RFF+ON:0450055445'  
**DELPHI PURCHASE ORDER NUMBER**

RFF+ON contains the Delphi Purchase Order Number. Note that it starts with **045** while the Delphi Scheduling Agreement Number starts with **055**. Return value exactly in the DESADV.

**DELPHI****ORDERS Example**

DTM+4:20040402:102

*Purchase Order issue date*NAD+ST+**DA26**::92'**Delphi ship to location**NAD+SU+**006068050**::16++ABC SUPPLY COMPANY'**Supplier DUNS number and name**NAD+MI+**002136823**::16++Delco Electronics NA'**Delphi Divisional DUNS number**(may differ per plant or division)

CTA+IC+:Neihart, D (Pkg)'

*Contact information*

COM+765-451-2609:TE'

*Communication contact (TE = Telephone Number)*

COM+765-451-0265:FX'

*Communication contact (FX = Fax Number)*

Return NAD+ST, NAD+SU and NAD+MI values in DESADV. Use NAD+ST value for DESADV mandatory LOC+11 segment.

**DELPHI****ORDERS Example**

LIN+00010+001+16248237:IN'  
**DELPHI MATERIAL NUMBER**

IMD+X+8+:::TRAY-RTN'  
*Item description*

QTY+21:2500:PCE'  
**Quantity** (21 = Ordered), Unit Of Measure

DTM+2:20040402:102'  
**Requested delivery date**

UNS+S'  
*Section control*

CNT+23:2500:C62'  
*Control total*

UNT+19+1'  
*End Message 1*

UNZ+1+382'  
*End Interchange Header*

Requested delivery date due at Delphi dock.

**DELPHI****ORDCHG**

- ◆ Message giving change(s) to a previously issued ORDERS message
- ◆ Three different types of ORDCHG messages:
  - Replace
  - Reminder
  - Cancel
- ◆ Can be sent at any time
- ◆ Contains a **Requested Delivery Date** instead of Ship Date
- ◆ A DESADV is required when shipment is made
- ◆ Is sent to “VN” Partner Function of the PO

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Supplier Training

Will be used for changes to Purchase Orders (Spot Buys). If changes are made, a “Replace” or “Cancel” ORDCHG will be issued.

“Reminder” ORDCHG messages are sent weekly (on Saturday) and/or as needed.



**DELPHI**
**ORDCHG Example**

```

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040410:0710+14++ORDCHG'
UNH+1+ORDCHG:D:37A:UN
  BGM+:::105+20040410070108+4'
  DTM+137:20040410:102'
  RFF+AMG:SB'
  RFF+ON:0450036877'
  DTM+4:20031204:102'
  NAD+ST+DA24:92'
  NAD+SU+006068050::16++ABC SUPPLY COMPANY'
  NAD+MI+002136823::16++Delco Electronics NA'
  CTA+IC+:Cockrell, Corey'
  COM+765-451-0910:TE'
  COM+765-451-0273:FX'
  LIN+00010++12059915:IN'
  IMD+X+8+::HEADER:TAPE'
  QTY+21:740:PCE'
  DTM+2:20040402:102'
  UNS+S'
  CNT+23:740:C62'
  UNT+19+1'
UNZ+1+14'

```

```

Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'
Message Header 1, Document Type, Version
EDI Release Number; 105 for ORDCHG
Document issue date
Delphi document type
DELPHI PURCHASE ORDER NUMBER
Purchase Order issue date
Delphi ship to location
Supplier DUNS number and name
Delphi Divisional DUNS number(may differ per plant or division)
Contact information
Communication contact (TE = Telephone Number)
Communication contact (FX = Fax Number)
DELPHI MATERIAL NUMBER
Item description
Quantity (21 = Ordered, 48 = Received)
Requested delivery date
Section control
Control total
End Message 1
End Interchange Header

```

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****EDI ORDCHG Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040410:0710+14++ORDCHG'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'*

UNH+1+ORDCHG:D:97A:UN'  
*Message Header 1, Document Type, Version*

BGM+:::105+20040410070108+4'  
*EDI Release Number; 105 for ORDCHG*

DTM+137:20040410:102'  
*Document issue date*

RFF+AMG:SB'  
*Delphi document type*

RFF+ON:0450036877'  
**DELPHI PURCHASE ORDER NUMBER**

DTM+4:20031204:102'  
*Purchase Order issue date*

The BMG+ indicates the reason for the ORDCHG message. 4 is replace, 15 is reminder, and 1 is cancel.

**DELPHI****ORDCHG Example**

NAD+ST+DA24::92'

**Delphi ship to location**

NAD+SU+006068050::16++ABC SUPPLY COMPANY'

**Supplier DUNS number and name**

NAD+MI+002136823::16++Delco Electronics NA'

**Delphi Divisional DUNS number(may differ per plant or division)**

CTA+IC+:Cockrell, Corey'

*Contact information*

COM+765-451-0910:TE'

*Communication contact (TE = Telephone Number)*

COM+765-451-0273:FX'

*Communication contact (FX = Fax Number)*

LIN+00010++12059915:IN'

**DELPHI MATERIAL NUMBER**

**DELPHI****ORDCHG Example**

IMD+X+8+:::HEADER-TAPE'

*Item description*

QTY+21:740:PCE'

**Quantity (21 = Ordered, 48 = Received), Unit Of Measure**

DTM+2:20040402:102'

**Requested delivery date**

UNS+S'

*Section control*

CNT+23:740:C62'

*Control total*

UNT+19+1'

*End Message 1*

UNZ+1+14'

*End Interchange Header*

Note that a LOC+159 segment was not seen. Use the value of the NAD+ST segment in the DESADV LOC+11 segment.

**DELPHI**
WebEDI - View Orders

[WEBEDI HOME](#) | [LOG OUT](#) | [DELPHI HOME](#) | [ABOUT WEBEDI](#)

**Delphi WEBEDI**

- VIEW FORECASTS
- VIEW SHIP SCHEDULES / KANBAN
- VIEW ORDERS**
- VIEW ORDER MESSAGES
- VIEW ADVANCE SHIP NOTICES
- VIEW APPLICATION ADVISE
- VIEW RECEIVING ADVISE
- CREATE ADVANCE SHIP NOTICE

**Advanced Menu**

- MANAGE ORDER NEW PART
- QUANTITY SHIPPED

**Reports**

- FORECAST SUMMARY
- DEL ET SUMMARY (OUT KANBAN CALLS)

**Help**

- CONTACT INFORMATION
- USERS MANUAL

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**VIEW ORDERS** | ORDER DETAILS
MY PROFILE

**View Order Criteria**

Created from: Mar / 9 / 2004 to: Mar / 15 / 2004 ☒ All Dates

Plant: All Material Number: All

Viewed Status: All

[GO](#)

Creation Date	Plant Code	Material Number	PO Number	Action	Viewed	Order Details
2004-03-13	DA98	16239287	0450039018	<a href="#">HISTORY</a> No Change	2004-03-17	<a href="#">XML</a>
2004-03-13	DA98	12219810	0450037132	<a href="#">HISTORY</a> No Change	2004-03-17	<a href="#">XML</a>
2004-03-13	DA98	16167464	0450037131	<a href="#">HISTORY</a> No Change	2004-03-17	<a href="#">XML</a>
2004-03-13	DA98	16251253	0450037131	<a href="#">HISTORY</a> No Change	2004-03-17	<a href="#">XML</a>

◆ Click **VIEW ORDERS** on the menu

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Supplier Training

This is an example of the View Orders Screen. Be sure to check the “All Dates” box and press the GO button to refresh.

Click on the bend-paper icon to display the Orders message.

**DELPHI**

**WebEDI - Order Details**

VIEW ORDERS
ORDER DETAILS

Order Schedule

PRINT

<b>Supplier</b> XYZ Company	<b>Schedule Information</b>  Scheduling Agreement Number: 0450039018 Vendor Number: 0001007719 Supplier Duns Number: 075922695
--------------------------------	--

<b>Part Details</b>  Description: HEADER-08 COND,MA Material Number: 16239287 Order Unit of Measure: PCE	<b>Destination Plant Details</b>  Ship To Plant Code: DA98 Ship To Plant Name: DELPHI D HEM TUCSON Contact Person: Cockrell, Corey Telephone: 765-451-0910 Ship To Dock Code: Storage Location: 0001
--	---

Delivery Date/Time	Action	Scheduled Qty
2004-01-05	No Change	8994.000

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Supplier Training

This is an example of the View Orders screen.

This will be used for Purchase Orders (spot buys) and not intended for regular scheduled production material.

It may be used for prototype builds, build-outs.

The important difference from the Supplier JIT Schedule – it shows a Requested Delivery Dated instead of a Ship Date. This means we want it to be to us by the date listed on the schedule.

ORDERS messages are sent when the PO is issued. "Reminder" ORDCHG messages are sent weekly (on Saturday) and/or as needed.

An "Advance Ship Notice" (DESADV) is always required when a shipment is made.

**DELPHI**
**DESADV**

- ◆ An Advanced Shipping Notice (ASN - DESADV) message is sent by the supplier to Delphi whenever a shipment is dispatched. This is a Delphi-E&S requirement.
  - DESADV is based on the DELJIT (or ORDERS/ORDCHG) requirement
  - Sent by supplier to Delphi-E&S specifying details for goods dispatched.
  - Sent immediately when shipment leaves supplier's dock. (Delphi-E&S must receive the DESADV prior to goods arrival; otherwise, receiving process will be delayed)
  - **Shipment IDentification** number (SID) must be generated for each shipment. The maximum length of SID is 10 characters
  - Trailer number on DESADV is trailer number of the vehicle leaving supplier dock. If not available, fill with 4 zeros

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Supplier Training

The DESADV is a despatch advice notice (also called an ASN or Advanced Shipping Notice). It is a Delphi-E&S requirement that all suppliers send a DESADV for every shipment.

The **Shipment IDentification** number (SID) is populated in the BGM segment. It cannot be used again within a 12-month timeframe, and is no longer than 10 characters in length. It must be unique for all Delphi plants. You may consider using your packing slip or invoice number as the SID; however, any unique number will suffice. The SID number will be reference when payment is remitted.

The EQD segment is a mandatory DESADV element and must be included. If truck/trailer number is not known just populate with four zeros ("0000").

**DELPHI**

**DESADV Example**

UNB+UNOA:2+QQQ:ZZ+DPH:ZZ+040407:1601+7253++DESADV'  
 UNH+72530001+DESADV:D:97A:UN'  
 BGM+351+232449+9'  
 DTM+137:200404071600:203'  
 DTM+11:200404071600:203'  
 DTM+132:200404071600:203'  
 MEA+AAX+G+LBR:000037'  
 MEA+AAX+N+LBR:000016'  
 MEA+AAX+SQ+C62:001'  
 RFF+MB:232449'  
 NAD+MI+002136823::16'  
 NAD+ST+DA43::92'  
 NAD+SU+006068050::16++ABC SUPPLY COMPANY'  
 LOC+11+DA43'  
 TDT+12++LT++PJXI-M::182'  
 EQD+TE+PJXI'  
 CPS+1++4'  
 PAC+1++CTNS'  
 PCI+16+S2 A1'  
 GIR+3+928531031:AW'  
 LIN+++12059138:IN'  
 PIA+1+04:RY+J:EC'

*Interchange Header* **SUPPLIER MAILBOX ID; DELPHI MAILBOX ID:ZZ'**  
*Message Header 1, Document Type, Version*  
*Shipment Identification number (SID)*  
*Document issue date*  
*Despatch date/time*  
*Estimated date/time of shipment arrival at Delphi (optional)*  
*Gross Weight*  
*Net Weight*  
*Number of lading units in this shipment*  
*Master Bill of Lading*  
*Delphi Divisional DUNS number(may differ per plant or division)*  
**Delphi ship to location**  
**Supplier DUNS number (name optional)**  
*Unloading location*  
*Transportation details*  
*Equipment details*  
*Consignment Packaging Sequence (indicates structure hierarchy)*  
*Package information*  
*Package identification/Storage location*  
*Other identification numbers*  
**DELPHI Material NUMBER**  
*Additional product identification*

QTY+12:576:C62'  
 QTY+3:5760:C62'  
 NAD+MP+006068050::16'  
 RFF+ON:0550047502'  
 UNT+303+72530002'  
 UNZ+2+7253'

*Despatch quantity*  
*Cumulative quantity shipped since start of inv. year*  
**Supplier MANUFACTURING DUNS number**  
**DELPHI PURCHASE ORDER NUMBER**  
*End Message 2*  
*End Interchange Header*

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.



**DELPHI****DESADV Example**

UNB+UNOA:2+**QQQ**:ZZ+**DPH**:ZZ+040407:1601+7253++DESADV'  
*Interchange Header **SUPPLIER MAILBOX ID; DELPHI MAILBOX ID:ZZ***


UNH+72530001+DESADV:D:97A:UN'  
*Message Header 1, Document Type, Version*

BGM+351+**232449+9**'  
***Shipment Identification number (SID)***

DTM+137:200404071600:203'  
*Document issue date*

DTM+11:200404071600:203'  
*Despatch date/time*

DTM+132:200404071600:203'  
*Estimated date/time of shipment arrival at Delphi (optional)*



The BMG segment contains the **Shipment Identification number (SID)**, limit of 10 characters.

**DELPHI****DESADV Example**

MEA+AAX+G+LBR:000037'

*Gross Weight*

MEA+AAX+N+LBR:000016'

*Net Weight*

MEA+AAX+SQ+C62:001'

*Number of lading units in this shipment*

RFF+MB:232449'

*Master Bill of Lading*

NAD+MI+002136823::16'

*Delphi Divisional DUNS number(may differ per plant or division)*

NAD+ST+DA43::92'

**Delphi ship to location**

NAD+SU+006068050::16++ABC SUPPLY COMPANY'

**Supplier DUNS number** (name optional)

LOC+11+DA43'

*Unloading location*

The NAD+MI contains the Delphi material issuer number.

The NAD+ST segment contains the Delphi Ship-To location (Plant Code).

The NAD+SU segment contains the Supplier DUNS.

If the Ship-From DUNS number is different from the Supplier DUNS number in the NAD+SU segment, an NAD+SF segment is required.

If any this information is not correct (as found in DELJIT or ORDERS/ORDCHG), you will receive an APERAK. **This means the referenced ASN failed.**

**DELPHI****DESADV Example**

TDT+12++LT++PJXI-M::182'

*Transportation details*

EQD+TE+**PJXI**'

*Equipment details*

CPS+1++4'

*Consignment Packaging Sequence (indicates structure hierarchy)*

PAC+1++CTNS'

*Package information*

PCI+16+S2 A1'

*Package identification/Storage location*

GIR+3+928531031:AW'

*Other identification numbers*

LIN+++**12059138**:IN'

**DELPHI MATERIAL NUMBER**

PIA+1+04:RY+J:EC'

*Additional product identification*

If the trailer number is not known, populate with 4 zeros. GIR segment is optional.

The LIN segment contains the Delphi Material Number. If this information is not correct (as found in DELJIT or ORDERS/ORDCHG), you will receive an APERAK. **This means that the ASN FAILED.**

**DELPHI****DESADV Example**

QTY+12:576:C62'

*Despatch quantity*

QTY+3:5760:C62'

*Cumulative quantity shipped since start of inv. year*

NAD+MP+006068050::16'

**Supplier MANUFACTURING DUNS number**

RFF+ON:0550047502'

**DELPHI SCHEDULING AGREEMENT** (or PURCHASE ORDER)

UNT+303+72530002'

*End Message 2*

UNZ+2+7253'

*End Interchange Header*

Return the "Unit Of Measure" as seen on the DELJIT or ORDERS/ORDCHG schedule.

The NAD+MP segment contains the Supplier Manufacturing DUNS number of the preceding LIN. Missing or incorrect information here will NOT generate an APERAK, however, it will delay goods receipt of the shipment until material approval status is obtained and verified. Returning the Manufacturing DUNS in this segment is **MANDATORY** for all Delphi-E&S shipments.

It is acceptable to include the NAD+MP segment on DESADV message to other Delphi divisions. This will allow you to have one common DESADV map to Delphi.

The RFF+ON segment contains the Delphi Scheduling Agreement or Purchase Order. If this information is not correct (as found in DELJIT or ORDERS/ORDCHG), you will receive an APERAK. **This means that the ASN FAILED.**

**DELPHI****CONTRL**

- ◆ **CONTRL**
  - Only used in traditional EDI (not in WebEDI)
  - The Delphi VAN will send CONTRL messages to acknowledge each interchange received
  - Is sent to the sender of the interchange
- ◆ **Reaction Plan**
  - Suppliers need to monitor CONTRL messages and react accordingly. If the CONTRL is:
    - » **Good** – No further action is required
    - » **Bad** - Must correct error and retransmit. May be an issue where Supplier IT will need to help
    - » **No CONTRL Message Within One Hour** – Contact the Supplier VAN first to check system status if no problem exists, contact Delphi Service Desk

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Supplier Training

The Delphi Value Added Network (VAN, currently GXS) will send CONTRL messages to acknowledge interchanges. Please ensure you understand and follow the reaction plan given above.

The Delphi Service Desk information is included in the *Contact Information* section of the *Appendix*.

CONTRL messages do not apply to Delphi WebEDI suppliers.

**DELPHI****CONTRL Example**

UNB+UNOA:2+DPH:ZZ+QQ:ZZ+040408:1703+67++CONTRL'  
UNH+1+CONTRL:2:2:UN'  
UCI+000000116+QQ:ZZ+DPH:ZZ+Z'  
UCM+000000850+DESADV:D:97A:UN+Z'  
UCM+000000851+DESADV:D:97A:UN+Z'  
UCM+000000852+DESADV:D:97A:UN+Z'  
UCM+000000853+DESADV:D:97A:UN+Z'  
UCM+000000854+DESADV:D:97A:UN+Z'  
UNT+8+1'  
UNZ+1+67'

Interchange Header **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**  
Message Header 1, Document Type, Version  
Interchange Response (116)  
Message 1 Response (850)  
Message 2 Response (851)  
Message 3 Response (852)  
Message 4 Response (853)  
Message 5 Response (854)  
End Message 1  
End Interchange Header

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****CONTRL Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040408:1703+67++CONTRL'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID¹*


UNH+1+CONTRL:2:2:UN' *Message Header 1,*  
*Document Type, Version*

UCI+000000116+QQQ:ZZ+DPH:ZZ+7'  
*Interchange Response (116)*

UCM+000000850+DESADV:D:97A:UN+7'  
*Message 1 Response (850)*

UCM+000000851+DESADV:D:97A:UN+7'  
*Message 2 Response (851)*

UCM+000000852+DESADV:D:97A:UN+7'  
*Message 3 Response (852)*



Look for a 7 at the end of UCI and UCM segments. If there is a 4 at the end instead of 7, this indicates an error has been detected in that interchange (UCI) or an error has been detected in that message (UCM).

Any error demands investigation to fix and resend the DESADV.

**DELPHI****CONTRL Example**

UCM+000000853+DESADV:D:97A:UN+Z'

*Message 4 Response (853)*

UCM+000000854+DESADV:D:97A:UN+Z'

*Message 5 Response (854)*

UNT+8+1'

*End Message 1*

UNZ+1+67'

*End Interchange Header*



**DELPHI****Top DESADV (ASN) Errors**

- ◆ The SID on the ASN does not match the SID on the packing slip
- ◆ Late DESADV (ASN)
  - If shipment arrives at the plant prior to the plant receiving the DESADV, the plant will take manual receipt of the goods and the DESADV will be late
  - Delphi-E&S is aware that this situation can occur for suppliers in close proximity to a Delphi-E&S plant and is currently investigating the solution that best supports Delphi-E&S's business process in conjunction with SAP

**Manual receipt of goods by Delphi-E&S can take up to an hour to complete and is grounds for PR&Rs and/or Cost Recovery Activity**

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Supplier Training

Let's look at some of the most common errors that occur with the DESADV.

The number one problem we are seeing on the Receiving Doc is the Scanned SID on the Packing Slip does not match the SID on the ASN. The SID number on the packing slip must exactly match character for character the value of the BGM segment of the DESADV.

A DESADV is late if the shipment arrives at the plant prior to the DESADV.

Manual receipt of goods by Delphi-E&S is grounds for PR&R's and/or Cost Recovery Activity.

**DELPHI**Top DESADV (ASN) Errors

- ◆ Duplicate DESADV (ASN)
  - The SID Number (found in BGM segment) must not be repeated within the same year.
  - Must be unique across all Delphi plants (all divisions)

Unless requested directly by Delphi-E&S,  
**DO NOT RESEND a DESADV (ASN)**

A DESADV will be recognized as a duplicate if the SID number in the BGM segment is repeated within a 12-month period of time.

NOTE: DO NOT resend DESADVs unless requested directly by Delphi.

**DELPHI**Top DESADV (ASN) Errors

## ◆ Bad information

- Invalid Plant Code
  - » Transmitted in the NAD+ST segment
- Invalid Material Number
  - » Transmitted in the LIN segment
- Invalid Scheduling Agreement
  - » Transmitted in the RFF+ANN segment
- Invalid supplier Code
  - » Transmitted in the NAD+SU segment

Failure to transmit the correct codes will create an error in our system, and your DESADV will fail

APERAK: "Failed ASN due to either invalid Ship-To, Material, or PO Number"

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Supplier Training

Another common DESADV error is incorrect information

Plant Codes are transmitted in the NAD+ST segment of the DELJIT/ORDERS/ORDCHG and must be properly returned in the DESADV.

The same holds true for the other segments (NAD+MI and NAD+SU).

The value for the DESADV RFF+ON segment is in the DELJIT RFF+AAN segment, or in the ORDERS/ORDCHG RFF+ON segment.

Return the material number as transmitted in the LIN.

**DELPHI****APERAK**

- ◆ Message sent to supplier regarding any errors encountered when posting the ASN
- ◆ Sent for information only. It allows supplier to investigate and correct errors to prevent further errors in future DESADV messages
  - Will be sent immediately if ASN fails in SAP
  - If DESADV fails before SAP (VAN or translator) no APERAK will be sent
  - Is sent to the “VN” SA/PO Partner Function

**DO NOT RESEND the DESADV when an APERAK is received. Ensure that the error is fixed, but do not resend!**

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Supplier Training

If an ASN fails to post in SAP, an APERAK will be transmitted to the supplier. If an APERAK is received, the supplier needs to fix the source of the error but is not to resend the DESADV.

**DELPHI**
**APERAK Example**

```

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040414:1116+354++APERAK'
UNH+1+APERAK:D:97A:UN'
BGM+7+0000000021239565+9+RE'
DTM+137:200404141102:203'
FTX+AAP+++DESADV'
RFF+SI:0'
RFF+DM:0000000021243781'
DTM+9:20040414103725:203'
NAD+FR+811838999::16'
NAD+MR+006068050::16'
ERC+ZE105::ZZZ'
RFF+ACD:N/A'
FTX+AAO+++DUPLICATE ASN'
UNT+13+1'
UNZ+1+354'

```

```

Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'
Message Header 1, Document Type, Version
Document issue date
End Interchange Header
Name of message this APERAK is responding to
Reference Shipment Identification (SID) number
Reference document number
ASN processing date/time
Message sender
Message recipient
Application error information
Additional reference number
Error text message
End Message 1
End Interchange Header

```

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****APERAK Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040414:1116+354++APERAK'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'*

UNH+1+APERAK:D:97A:UN'  
*Message Header 1, Document Type, Version*


BGM+7+0000000021239565+9+RE'  
*Document issue date*

DTM+137:200404141102:203'  
*End Interchange Header*

FTX+AAP+++DESADV'  
*Name of message this APERAK is responding to*

RFF+SI:0'  
*Reference Shipment Identification (SID) number*

RFF+DM:0000000021243781'  
*Reference document number*



The RFF++SI segment contains the **Shipment Identification number (SID)** of the failed ASN.

**DELPHI****APERAK Example**

DTM+9:20040414103725:203'  
*ASN processing date/time*  
NAD+FR+811838999::16'  
*Message sender*  
NAD+MR+006068050::16'  
*Message recipient*  
ERC+ZE105::ZZZ'  
***Application error information***  
RFF+ACD:N/A'  
*Additional reference number*  
FTX+AAO+++DUPLICATE ASN'  
***Error text message***  
UNT+13+1'  
*End Message 1*  
UNZ+1+354'  
*End Interchange Header*

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Supplier Training

Other errors include:

LATE ASN

FAILED ASN DUE TO EITHER INVALID SHIP-TO, MATERIAL, OR PO  
NO INVALID JIT CALL NUMBER'

**DELPHI**

## WebEDI - View Application Advice

Delphi WebEDI

VIEW FORECASTS

VIEW SHIP SCHEDULES / KANBAN CALLS

VIEW ORDERS

VIEW GENERAL MESSAGES

VIEW ADVANCE SHIP NOTICES

VIEW APPLICATION ADVICE

VIEW RECEIVING ADVICE

CREATE ADVANCE SHIP NOTICE

Admin Menu

MANAGE CORRELATIVE PART QUANTITY SHIPPED

Reports

FORECAST SUMMARY

DELETE SUMMARY (NOT KANBAN CALLS)

Help

CONTACT INFORMATION

USERS MANUAL

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WEBEDI HOME LOG OUT DELPHI HOME ABOUT WEBEDI

MY PROFILE

VIEW ASN ERRORS ASN ERROR DETAILS

View Application Advice Criteria

Created from: Mar / 9 / 2004 to: Mar / 15 / 2004 ☒ All Dates

Shipment Identification Number: All Viewed Status: All

GO

Creation Date	Shipment Identification Number	Viewed	Application Advice Details
2004-03-15	86402958	New	

◆ Click **VIEW APPLICATION ADVICE** on the menu, all dates and **GO**

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Supplier Training

This is an example of the Application Advice screen. This will take you to the ASN Error Details screen.



**DELPHI**
**ASN Error Details**

---

VIEW ASN ERRORS
ASN ERROR DETAILS

**Application Advice** PRINT

**Supplier ASN Application Error**

**Shipment Identification Number:** 86402958

**Delphi ASN Idoc Number:** 19600535

**Delphi ASN Process Date:** 2004-03-15

**Ship To Plant Duns Number:** 621541457

**Supplier Duns Number:** 075922695

**Details**

**Error:** Late ASN

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Supplier Training

This is an example of an Application Error Message (APERAK) as it will appear in WebEDI.

If a problem is encountered when a DESADV is sent causing it to fail, Delphi-E&S will send an APERAK to the supplier. If an APERAK is received, the supplier needs to fix the error but is **NOT TO RESEND** the DESADV.

Any APERAK received is for information only. Note the error and fix it to prevent it from reoccurring but **DO NOT RESEND** the ASN.

**DELPHI****RECADV**

- ◆ A RECADV is a message:
  - Sent to supplier to communicate a shipment was received
  - Shows material number
  - Shows SID number
  - Show quantities
    - » Quantity shipped per DESADV (ASN) dock
    - » Quantity received at Delphi-E&S
    - » Any discrepancies (over, under, none)
  - Gives delivery number
- ◆ Supplier should contact Receiving Dock immediately to resolve any discrepancies. **Ten business days are allowed to reconcile any discrepancies**
- ◆ Is sent to "VN" SA/PO Partner Function

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Supplier Training

Once material is received, Delphi-E&S will send a RECADV (receipt advice) EDI transmission back to the supplier. This is proof of delivery.

Any discrepancies should be communicated immediately to the Receiving Dock. The Receiving Dock Contact list is available at [http://www.delphisuppliers.com/vendor\\_documents/delphi-d/index.html](http://www.delphisuppliers.com/vendor_documents/delphi-d/index.html). Delphi-E&S highly recommends that the RECADV be used to resolve potential payment issues due to quantity differences within 10 business days of receipt of the RECADV.

If manual ASN is created by the Delphi-E&S dock a RECADV is returned but supplier will see a new dock generated SID number (may be the same if Packing Slip number is used as SID or if a SID number is identified on the Packing Slip).

**DELPHI**
**RECADV Example**

```

UNB+UNQA:2+DPH:ZZ+QQQ:ZZ+040412:1330+460++RECADV'
UNH+1+RECADV:D:97A:UN'
BGM+632+0182143476+9'
DTM+137:20040408:102'
RFF+SI:000112640'
DTM+111:20040408:102'
RFF+CR:0182143476'
DOC+632'
NAD+SU+006068050::92'
NAD+ST+DA01::92'
CPS+1++4'
LIN+++9401767:IN'
QTY+12:7000'
QTY+48:7000'
QVR+0:119'
RFF+ON:0550044568'
UNT+16+1'
UNH+2+RECADV:D:97A:UN'
BGM+632+0182143474+9'
DTM+137:20040408:102'
RFF+SI:000112639'
DTM+111:20040408:102'
RFF+CR:0182143474'
DOC+632'
NAD+SU+006068050::92'
NAD+ST+DA01::92'
CPS+1++4'
LIN+++9401769:IN'
QTY+12:3000'
QTY+48:3000'
QVR+0:119'
RFF+ON:0550044130'
UNT+16+2'
UNZ+2+460'

```

```

Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID1
Message Header 1, Document Type, Version
EDI Release Number; 632 for Goods Receipt
Document issue date
SID Number
ASN date
Delphi Delivery Number
Good Receipt Number
Supplier DUNS number and name
Delphi ship to location
Consignment Packaging Sequence (4 = no packaging hierarchy)
Delphi MATERIAL NUMBER
ASN quantity
Received quantity
Variance quantity
DELPHI SCHEDULING AGREEMENT
End Message 1
Message Header 2, Document Type, Version
EDI Release Number; 632 for Goods Receipt
Document issue date
SID Number
ASN date
Delphi Delivery Number
Good Receipt Number
Supplier DUNS number and name
Delphi ship to location
Consignment Packaging Sequence (4 = no packaging hierarchy)
Delphi MATERIAL NUMBER
ASN quantity
Received quantity
Variance quantity
DELPHI SCHEDULING AGREEMENT
End Message 2
End Interchange Header

```

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****RECADV Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040412:1330+460++RECADV'  
*Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID¹*

UNH+1+RECADV:D:97A:UN'  
*Message Header 1, Document Type, Version*

BGM+632+0182143476+9'  
*EDI Release Number; 632 for Goods Receipt*

DTM+137:20040408:102'  
*Document issue date*

RFF+SI:000112640'  
**Shipment IDentification (SID) Number**

DTM+111:20040408:102'  
*ASN date*

RFF+CR:0182143476'  
*Delphi Delivery Number*

DOC+632'  
*Good Receipt Number*

The RFF+SI segment contains the **Shipment IDentification number (SID)**, of the receipted shipment.

**DELPHI****RECADV Example**

NAD+SU+006068050::92'

Supplier DUNS number *and name*

NAD+ST+DA01::92'

Delphi ship to location

CPS+1++4'

*Consignment Packaging Sequence (4 = no packaging hierarchy)*

LIN+++9401767:IN'

**Delphi MATERIAL NUMBER**

QTY+12:7000'

**ASN quantity**

QTY+48:7000'

**Received quantity**

QVR+0:119'

**Variance quantity**

Be sure to resolve any discrepancies seen in the QVR segment.

**DELPHI****RECADV Example**

RFF+ON:0550044130'  
DELPHI SCHEDULING AGREEMENT

UNT+16+2'  
*End Message 2*

UNZ+2+460'  
*End Interchange Header*

Be sure to resolve any discrepancies seen in the QVR segment.

DELPHI

## WebEDI - View Receiving Advice

WEBEDI HOME LOG OUT DELPHI HOME ABOUT WEBEDI

DELPHI WEBEDI

VIEW RECEIVING ADVICE ■ RECEIVING ADVICE DETAILS MY PROFILE

View Receiving Advice Criteria

Created from: Mar / 9 / 2004 to: Mar / 15 / 2004 ☒ All Dates

Shipment Identification Number: All Discrepancy: All

Plant: All Viewed Status: All

GO

Creation Date	Shipment Identification Number	Discrepancy	Viewed	PlantId	Receiving Advice Details
2004-03-15	86382993	No	2004-03-17	DA98	
2004-03-15	86439626	No	2004-03-17	DA98	
2004-03-15	H0505271581	No	2004-03-17	DA98	
2004-03-11	86375144	No	2004-03-17	DA98	
2004-03-11	86417892	No	2004-03-17	DA98	
2004-03-10	86402958	No	2004-03-17	DA98	

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- ◆ Click **VIEW RECEIVING ADVICE** on the menu, check all dates box and **GO**

This is an example of the View Receiving Advice screen. This will take you to the Receiving Advice Details screen.

**DELPHI**

## Receiving Advice Details

<span style="font-size: 0.8em;">■ VIEW RECEIVING ADVICE</span> <span style="font-size: 0.8em;">■ RECEIVING ADVICE DETAILS</span>			
<b>Receiving Advice</b>			<input type="button" value="PRINT"/>
<b>Shipment Details</b>			
<b>Shipment Identification Number:</b> 86382993		<b>Ship to Plant Code:</b> DA98	
<b>Delphi ASN Process Date:</b> 2004-03-08		<b>Goods Receipt Date:</b> 2004-03-08	
<b>Goods Receipt Number:</b> 0181979176			
<b>Part Details</b>			
<b>Part #:</b>	<b>ASN Qty:</b>	<b>Received Qty:</b>	<b>Short / Over Shipped:</b>
12218667	2500.000	2500.000	-

This message is an example of a Receipt Advice (RECADV) as it will appear in Web EDI. This message is a receipt that will indicate if a shipment is correct or if there is a problem.

If you receive the RECADV and it doesn't match what you have sent contact the plant immediately. Be sure to make sure that you put the correct number of parts in your ASN. Whether it is your mistake, or the dock's, contact them as soon as possible. Again, that contact name is on your Supplier JIT Schedule.



**DELPHI****GENRAL**

- ◆ Text message sent to suppliers to communicate information
- ◆ Supplier must identify responsible person at each supplier site to distribute GENRAL messages to the appropriate personnel for review and action
- ◆ Can be sent at any time
- ◆ Is sent to the “VN” SA/PO Partner Function

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*Supplier Training*

GENRAL messages will include bulletins, Delphi-E&S holiday schedules, and new links and resources available to suppliers. Suppliers are responsible for checking for and distributing GENRAL messages.

**DELPHI**
**GENRAL Example**


UNB+UNOA:2+DPH:ZZ+QQ:ZZ+040413:1048+24++GENRAL'	Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID:1
UNH+1+GENRAL:D:97A:UN'	Message Header 1, Document Type, Version
BGM+327+20040413100000MRP CY+9'	EDI Document Number; 327 for text message
DTM+7:20040413100000:204'	Effective date of Document
NAD+FR+002136823::16'	Delphi Divisional DUNS number(may differ per plant or division)
NAD+MR+006068050::16'	Supplier DUNS number
CTA+IC+Tom Richards'	Delphi contact information
FTX+AAI+++MRP CYCLE'	Message text (continues to UNT segment)
FTX+AAI+++ATTENTION DELPHI ELECTRONICS & SAFETY (DELPHI-E&S) SUPPLIER -'	
FTX+AAI+++MRP DID NOT CYCLE FOR DELPHI-E&S LAST NIGHT. MRP IS SCHEDULED TO'	
FTX+AAI+++RUN TONIGHT AND REPLACEMENT FORECASTS AND DELIVERY SCHEDULES WILL'	
FTX+AAI+++BE AVAILABLE WEDNESDAY MORNING (US-EDT).'	
FTX+AAI+++PLEASE SHIP TO THE DELJIT SCHEDULE YOU CURRENTLY HAVE (IT CONTAINS'	
FTX+AAI+++SHIPPING SCHEDULE FOR UP TO 2 WEEKS). IF YOU HAVE CONCERNS ON'	
FTX+AAI+++DELIVERY PLEASE CONTACT THE SHIP-TO PLANT.'	
FTX+AAI+++THANK YOU.'	
FTX+AAI+++DELPHI-E&S'	
FTX+AAI+++KOKOMO SUPPORT TEAM'	
UNT+18+1'	End Message 1
UNZ+1+24'	End Interchange Header

The EDI segments are on the left side and the segment descriptions are on the right side.

<sup>1</sup>Delphi COM CODE may vary based on supplier launch date.

**DELPHI****GENRAL Example**

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040413:1048+24++GENRAL'  
Interchange Header **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**  
UNH+1+GENRAL:D:97A:UN'  
Message Header 1, Document Type, Version  
BGM+327+20040413100000MRP CY+9'  
EDI Document Number; 327 for text message  
DTM+7:20040413100000:204'  
Effective date of Document  
NAD+FR+002136823::16'  
Delphi Divisional DUNS number(may differ per plant or division)  
NAD+MR+006068050::16'  
Supplier DUNS number  
CTA+IC+Tom Richards'  
Delphi contact information



The CTA+IC segment contains the sender information.

**DELPHI****GENRAL Example**

FTX+AAI+++MRP CYCLE'

Message text (continues to UNT segment)


FTX+AAI+++ATTENTION DELPHI ELECTRONICS & SAFETY (DELPHI-E&S)  
SUPPLIER -'FTX+AAI+++MRP DID NOT CYCLE FOR DELPHI-E&S LAST NIGHT. MRP  
IS SCHEDULED TO'FTX+AAI+++RUN TONIGHT AND REPLACEMENT FORECASTS AND  
DELIVERY SCHEDULES WILL'

FTX+AAI+++BE AVAILABLE WEDNESDAY MORNING (US-EDT).'

FTX+AAI+++PLEASE SHIP TO THE DELJIT SCHEDULE YOU CURRENTLY  
HAVE (IT CONTAINS'FTX+AAI+++SHIPPING SCHEDULE FOR UP TO 2 WEEKS). IF YOU HAVE  
CONCERNS ON'

This is an example of a text message.

The FTX segments contain the contents of free text message, currently 13 lines of 65 characters per GENRAL Message.

**DELPHI****GENRAL Example**

FTX+AAI+++DELIVERY PLEASE CONTACT THE SHIP-TO PLANT.'  
FTX+AAI+++THANK YOU,'  
FTX+AAI+++DELPHI-E&S'  
FTX+AAI+++KOKOMO SUPPORT TEAM'  
UNT+18+1'  
End Message 1  
UNZ+1+24'  
End Interchange Header

DELPHI

WebEDI - View GENRAL Messages

[WEBEDI HOME](#) | [LOG OUT](#) | [DELPHI HOME](#) | [ABOUT WEBEDI](#)

**Delphi WebEDI**

- VIEW FORECASTS
- VIEW SHIP SCHEDULES / KANBAN TABLES
- VIEW ORDERS
- VIEW GENERAL MESSAGES**
- VIEW ADVANCE SHIP NOTICES
- VIEW APPLICATION ADVISE
- VIEW RECEIVING ADVISE
- CREATE ADVANCE SHIP NOTICE

**Admin Menu**

- MANAGE CUMULATIVE PART QUANTITY SHIPPED

**Reports**

- FORECAST SUMMARY
- SHIPS SUMMARY (NOT KANBAN CALLS)

**Help**

- CONTACT INFORMATION
- USERS MANUAL

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**VIEW GENERAL MESSAGES** ■ GENERAL MESSAGE DETAILS

*View General Message Criteria*

MY PROFILE

Created from: Mar / 9 / 2004 to: Mar / 15 / 2004 ☒ **All Dates**

Vendor Cd: All Viewed Status: All GO

Creation Date	Vendor Code	Viewed	General Message Details
2004-03-10	0001007719	New	<a href="#">XML</a>
2004-03-10	0001007719	New	<a href="#">XML</a>

◆ Click **GENERAL MESSAGES** on the menu, check “All Dates” and press the **GO** button

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Supplier Training

This is an example of the View GENRAL Messages Details screen. A bulletin may be spread across more than one message.

Note that you will receive one GENRAL message (or set of messages) for each Delphi plant code you ship to. This is not an error.

**DELPHI**
**GENRAL Message Details**

VIEW GENERAL MESSAGES
GENERAL MESSAGE DETAILS

**General Message Details**
PRINT

<b>CONTACT NAME:</b>	Sara Hulet
<b>MESSAGE FROM:</b>	002136823
<b>MESSAGE TO:</b>	0001007719
<b>EFFECTIVE DATE:</b>	2004-03-10 10:00:00
<b>SUBJECT:</b>	SUPPLIER PAYMENT ISSUES
<b>GENERAL MESSAGE:</b>	<p>TO DELPHI ELECTRONICS &amp; SAFETY SUPPLIER MARCH 10, 2004            PAYMENT ISSUES THAT SUPPLIERS HAVE NOT BEEN ABLE TO RESOLVE WITH            RESPECT TO SHIPMENTS MADE PRIOR TO JANUARY 1, 2004, WILL BE            ADDRESSED BY MR. STEVE SWOVERLAND. SUPPLIERS MUST PROVIDE INVOICE            OR PACKING SLIP AND A PROOF OF SHIPMENT IN ORDER TO INVESTIGATE            YOUR ISSUES. SEND INFORMATION TO FAX 765-451-4016.</p> <p>THE SUPPLIER PAYMENT SECTION OF THE VEGA/2 SAP SUPPLIER TRAINING            MANUAL GIVES INSTRUCTIONS FOR PAYMENT ISSUES AND HOW THEY MUST BE            ADDRESSED AFTER JANUARY 1, 2004 LAUNCH OF SAP. SUPPLIERS MAY            REVIEW THIS SECTION AT THE FOLLOWING WEB ADDRESS            WWW.DELPHISUPPLIERS.COM - CLICK ON VENDOR DOCUMENTS - OPEN DELPHI-            D DOCUMENTS AND LOOK FOR VEGA 2 SUPPLIER TRAINING            PAGE 1 OF 2 PLEASE SEE NEXT PAGE</p>

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Supplier Training

GENRAL messages are text messages that may contain bulletins and many times the bulletin will spread across multiple GENRAL messages.

GENRAL messages will include bulletins, Delphi-E&S holiday schedules, and new links and resources available to suppliers. It is the Supplier's responsibility to check for and distribute these GENRAL messages.

**DELPHI**

## GENERAL Messages Details

VIEW GENERAL MESSAGES ■ GENERAL MESSAGE DETAILS	
<b>General Message Details</b> <span>PRINT</span>	
<b>CONTACT NAME:</b>	Sara Hulet
<b>MESSAGE FROM:</b>	002136823
<b>MESSAGE TO:</b>	0001007719
<b>EFFECTIVE DATE:</b>	2004-03-10 11:00:00
<b>SUBJECT:</b>	SUPPLIER PAYMENT ISSUES (CONTINUED)
<b>GENERAL MESSAGE:</b>	<p>PAGE 2 OF 2 MARCH 10, 2004            PROCESS SUPPLIERS ARE TO FOLLOW AFTER THE JANUARY 1, 2004 SAP LAUNCH SUPPLIERS THAT HAVE ISSUES WITH DISCREPANCIES OR NON-RECEIPT OF RECADV (RECEIPT ADVICE) MUST CONTACT POINT OF RECEIPT WITHIN 10 BUSINESS DAYS TO RESOLVE. THIS WOULD BE THE RECEIVING AREA WHERE SHIPMENTS WERE DELIVERED. FAX AND PHONE NUMBERS ARE PROVIDED IN THE CONTACT INFORMATION SECTION OF THE APPENDIX IN THE VEGA/2 SAP SUPPLIER TRAINING MANUAL.</p> <p>REGARDS,            STEVE.A.SWOVERLAND DELPHI.COM            FAX 765 451 4016            END OF BULLETIN</p>

This is page 2 of General Message Details.



**DELPHI****Supplier Set Up Errors**

- ◆ SAP production Com-Code (mailbox) not set up with VAN
- ◆ DESADV is sent to wrong COM CODE
  - Production SAP COM CODE is DPH<sup>1</sup>
- ◆ Test indicator is not removed from the UNB segment of DESADV interchange
  - UNB+UN0A:1+QQQ:ZZ+DPH:ZZ+030515:1519+20++DESADV++++1

(Test Indicator)

Suppliers may dial direct to the Delphi Value Added Network (VAN) or through another VAN. If a VAN is used then the interconnects between the Delphi VAN and the other VAN must be established by the Supplier. This will need to be established for testing as well as for production.

Remember that it is imperative the Test Indicator “++++1” be removed from the UNB segment of the DESADV as well as changing to the production trading partners.

**DELPHI****Failures – Backup Plans**

- ◆ Supplier EDI problem and cannot send a ASN
  - Backup Plan: Supplier must have a plan to utilize a 3<sup>rd</sup> party capable of sending the ASN to Delphi-E&S
  - Note:** WebEDI is not a viable backup plan for sending ASN if you are set up for EDIFACT
  - WebEDI suppliers are allowed to ship but must send ASNs when WebEDI comes back online
- ◆ Delphi-E&S EDI transmission problem / blackout / or line issue
  - Backup Plan: Supplier is to continue to use documents on hand until replaced
  - Supplier ASNs are queued and processed when network and/or SAP is restarted

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Supplier Training

EDI Failure Backup Plans must be in place. Suppliers are expected to have a plan to utilize a 3<sup>rd</sup> party that has the capability of sending the DESADV to Delphi-E&S for the Supplier.

If Delphi-E&S experiences problems, the supplier should reference the most recently received schedules. Typically, SAP has not had issues for more than an entire day; however, there have been delays with some transmissions, but these have been sent within the same day.

WebEDI suppliers must continue to ship when WebEDI is not available. At minimum, mark:

Material Number

Quantity

Supplier Name

Destination Plant Code

on each container, mark the Packing Slip with “WebEDI Down”, release the shipment and send the ASN when WebEDI becomes available (next day is permissible, do not roll date fields back). The receiving docks are notified of problems with WebEDI and your performance will not be negatively impacted when WebEDI is down.

**DELPHI****EDI Certification Process**

- ◆ All suppliers are required to become EDI certified
- ◆ EDIFACT Certification will be conducted by Delphi EDI Certification Team by completing the following:
  - Receive a test DELFOR and test DELJIT from Delphi
  - Send test DESADV that contains appropriate data elements from test DELJIT
  - Continue to work with EDI Certification Team member until test DESADV is transmitted without errors
  - Suppliers should start the certification process as soon as practical to allow necessary time to address all test DESADV errors
- ◆ WebEDI candidates will be contacted by the Delphi EDI Certification Team with instructions for accessing the WebEDI application on the Delphi Portal, hosted by Covisint.

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Supplier Training

If you are concerned you are not receiving your EDI messages, or you have any issues or questions regarding EDI for SAP, please refer to the *Contact* section in the *Appendix*.

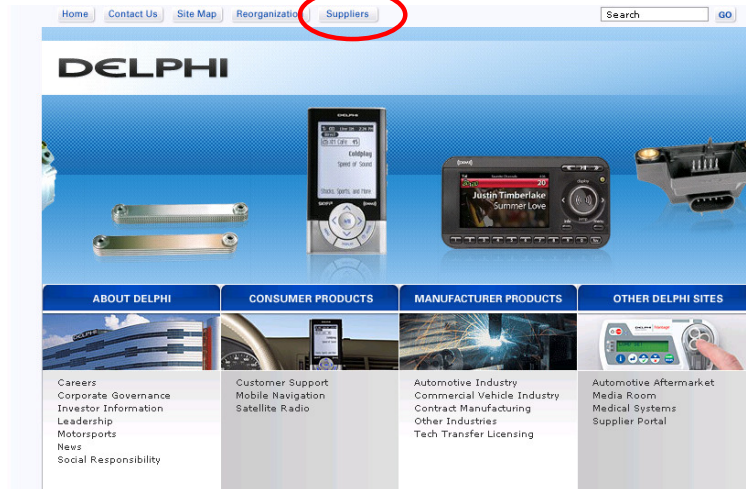
WebEDI Suppliers may receive a separate training class as needed.

**DELPHI**

## Delphi Web Resources

- ◆ The Delphi Corporate web site links to the **Delphi Supplier Portal**

http://www.delphi.com/



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Supplier Training

SAP EDI information is available on the Delphi Supplier Portal. You may access this through the Delphi Supplier portal.

The screenshot shows the Delphi Supplier Main page. At the top, the Delphi logo is on the left, and 'Delphi Web Resources' is written in red on the right. Below the logo is a navigation bar with 'Manufacturer Products', 'Automotive Aftermarket', and 'About Delphi'. To the right of this bar is a search box and a 'Search' button. The main content area is titled 'Supplier Main' and includes a sidebar with links like 'How to Become a Supplier' and 'Login to Delphi Supplier Portal'. The main text area is titled 'How to Become a Supplier' and contains an introduction to the Delphi Global Supply Management portal. A red arrow points to the link 'VISIT THE PUBLIC PAGES OF THE DELPHI SUPPLIER COMMUNITY PORTAL.' in the text. The footer of the page includes copyright information and a 'Supplier Training' label.

**DELPHI**

**Delphi Web Resources**

Home Suppliers Site Map Contact Us

Manufacturer Products Automotive Aftermarket About Delphi

Home : Suppliers

**Supplier Main**

How to Become a Supplier

Login to Delphi Supplier Portal

**How to Become a Supplier**

**Introduction to Delphi Global Supply Management**

**VISIT THE PUBLIC PAGES OF THE DELPHI SUPPLIER COMMUNITY PORTAL.**

At Delphi, we've made a commitment to excellence - it's an important part of our corporate culture. Our mission is clear: Be recognized by our customers as their best supplier!

Operating successfully in a demanding and competitive global market requires significant involvement and support from our suppliers. Central to this is our Supplier Community Portal hosted through Covisint. The portal supports our vision of an electronically-linked supply chain that will aid Delphi in supporting our customers' requirements for responsiveness.

If you are a current supplier, thank you for your ongoing support as a team member. If you are interested in becoming a supplier to Delphi, please visit the public pages on our [Supplier Community Portal](#). The information there will assist you in that endeavor.

**NOTE TO CURRENT DELPHI SUPPLIERS:**

You may have noticed some changes to the Delphi Supplier Community Portal on Covisint. All of the Delphi information you've been able to access is still there it has just changed location as Delphi adopts the Covisint Industry Standard portal look and navigation. For example, if you're looking for information previously found on the Supplier Standards, Vega (EDI), Contact Global Supply Management, or Doing Business With Delphi links, just click on the "Links" button.

If you are already signed up with Covisint, we suggest that you click on the "Help" link and review the Quick Reference Guides to familiarize yourself with the new portal navigation as well as the benefits of portal personalization. We believe that this change will help us communicate with our Suppliers more effectively and efficiently.

[Click here to go the the Delphi Supplier Portal.](#)

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**Supplier Training**

Click on “DELPHI SUPPLIER COMMUNITY PORTAL”.

Delphi Web Resources

**DELPHI**

Welcome! ▾

[Home](#) [Contact Delphi](#) [Training](#) [Registration](#)

**Login**

User ID:

Password:

[Login](#)

Clicking on Login indicates acceptance of [Terms of Use](#) and [Privacy Policy](#)

**Delphi Supplier Portal**

The purpose of the Delphi Supplier Portal (DSP) is to provide suppliers with information about doing business with Delphi and access to the Delphi Supplier Portal applications.

Information about doing business with Delphi can be found under Frequently Used Documents.

Suppliers must be registered to the DSP to access the Delphi Supplier Portal applications (e.g. Global Web EDI, Delphi ePayments, Delphi Problem Solver, Supplier Profile, Supplier Scorecard, etc.). To begin the registration process, review the [Delphi Supplier Portal Registration Quick Reference](#) or click on [Registration](#).

**Frequently Used Documents**


- [Use Components Assignment Letter post version supplier Contracts \(Letter Dated 14-Sep-2009\)](#)
- [Suppliers GM C.H. - Supplier Certification \(Bulletin Dated 12-Jan-2010\)](#)
- [Suppliers GM C.H. - GM Supply Power Registration \(Bulletin Dated 30-Nov-2009\)](#)
- [Information About Payment Visibility \(ePayments - Payment Status\)](#)
- [Diesel Romania Procurement](#)
- [Traveling to Mexico for Business Information](#)
- [Shipping Indirect Materials to Delphi Plants in Mexico](#)
- [Supplier Conference / Event Materials \(Login to View\)](#)

**Vega (EDI)**

- [Vega Documentation](#)
- [Vega Contact Information](#)
- [Vega EDI Information](#)
- [Vega FAQs](#)
- [Vega at a Glance](#)

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secured by [covisint](#)

Scroll down this screen until you see “Vega (EDI)”. Click on the “Vega Documentation” link.



## Delphi Web Resources

**Login**

User ID:

Password:

[Login](#)

Clicking on Login indicates acceptance of Terms of Use and Privacy Policy.

[Forgot your Password?](#)  
[Check your registration status](#)

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**Delphi News**

[Latest Delphi Press Releases:](#)  
[delphi.com](#)

**Vega (EDI)**


**Vega Documentation**

You will need the Adobe Acrobat Reader version 4.0 or higher to read the files on this page. You can download the Acrobat Reader [here](#).










NOTE: New version of Vega EDI Specifications for April 2001 upgrade now available!

[Supplier Label Specifications](#)  
[EDI EDIFACT Specifications](#)  
[Supplier EDI Supplementary Documents](#)

**Supplier Label Specifications**

 [Global Container Label Requirements Standard](#)

**EDI EDIFACT Specifications**

EDIFACT Message	Business Message Name
 <a href="#">DELFOR</a>	Weekly Planning Schedules (like ANSI-830)
 <a href="#">DELJIT</a>	Daily Ship Plan Suppliers (like ANSI-862)
 <a href="#">DESADV</a>	Advanced Shipment Notice (like ANSI-856)
 <a href="#">CONTRL</a>	Acknowledgement/Rejection Notice (like ANSI-997)
 <a href="#">APERAK</a>	Application Error and Acknowledgement (like ANSI-824)
 <a href="#">RECADV</a>	Receiving Advise (like ANSI-861)
 <a href="#">GENRAL</a>	General Purpose (like ANSI-864)
 <a href="#">ORDERS</a>	Purchase Order (like ANSI-850)
 <a href="#">ORDCHG</a>	Purchase Order Change Request (like ANSI-860)

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Supplier Training

The Delphi EDIFACT Implementation Guidelines are available for download and viewing. The Delphi “Global Container Label Requirements Standard” is also available on this site.

**DELPHI**

# Questions and Answers

If you have additional questions regarding EDI after the training session, please contact the  
Delphi Electronics & Safety SAP Support Team:  
[delco.vega.support.kokomo@delphi.com](mailto:delco.vega.support.kokomo@delphi.com)

*Supplier Training*