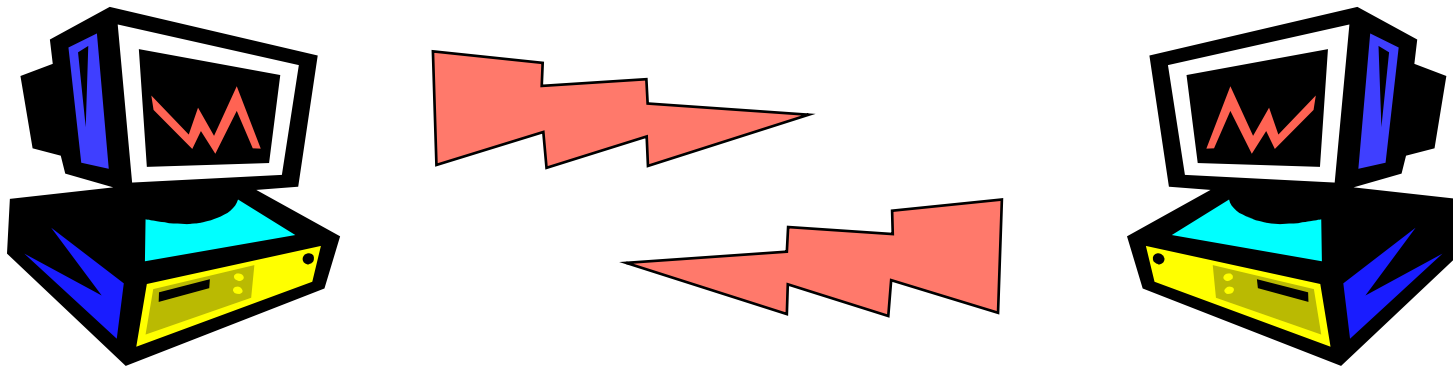


**DELPHI**

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



- ◆ **Electronic Data Interchange**
- ◆ 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

- ◆ 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

# DELPHI

## Messages Exchanged

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

- ◆ 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

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+DA01'

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'

Interchange Header **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'**

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)

**DELPHI SHIP TO LOCATION**

Delphi contact name

Delphi contact telephone number

**DELPHI MATERIAL NUMBER**

Delphi material description

Delphi Plant code and receiving dock

Storage location

**DELPHI SCHEDULING AGREEMENT**

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

UNB+UNOA:2+**DPH**:ZZ+**QQQ**:ZZ+040316:0311+175++DELFOR'  
*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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**

**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*



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*

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*



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*



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*

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**

VIEW FORECASTS
FORECAST DETAILS

Supplier Forecast Schedule
PRINT

<b>Supplier</b> XYZ Company	<b>Schedule Information</b>  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
--------------------------------	--

<b>Part Details</b>  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	<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: 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

VIEW FORECASTS
FORECAST DETAILS

Supplier Forecast Schedule
PRINT

<b>Supplier</b> XYZ Company	<b>Schedule Information</b> 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
--------------------------------	--

<b>Part Details</b> Release Number: 12 Release Date: 2004-03-09 Description: CAP-CLER,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	<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: 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

- ◆ 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



- ◆ 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

- ◆ 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

```

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+AAN: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

UNB+UNOA:2+**DPH:ZZ+QQQ:ZZ+040323:0306+159++DELJIT**'

*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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**

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*

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*

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***

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*



WEBEDI HOME | LOG OUT | DELPHI HOME | ABOUT WEBEDI

MY PROFILE

**VIEW SHIP SCHEDULES** | SHIP SCHEDULE DETAILS

**View Ship Schedule Criteria**

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

Plant: All Material Number: All

Viewed Status: All ASN Created: All Shuttle Number: All ☒ Current Releases Only

GO

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	<a href="#">XML</a>
2004-03-11	Schedule	DA98	12218650	0550049340	16		No	New	<a href="#">XML</a>
2004-03-10	Schedule	DA98	12218650	0550049340	15		No	New	<a href="#">XML</a>
2004-03-10	Schedule	DA98	12218650	0550049340	14		No	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218650	0550049340	13		No	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218650	0550049340	12		No	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218667	0550049339	9		No	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218672	0550049339	8		No	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218653	0550049338	14		Yes	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218660	0550049337	14		No	New	<a href="#">XML</a>
2004-03-09	Schedule	DA98	12218665	0550049335	12		No	New	<a href="#">XML</a>

© 2002 Delphi Corporation. All rights reserved.

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

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

- ◆ 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

```

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 NJMBER
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
  
```

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040403:0404+382++ORDERS'

*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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**



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)*

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*

- ◆ 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



```

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040410:0710+14++ORDCHG'
UNH+1+ORDCHG:D:97A: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
  
```

UNB+UNOA:2+**DPH:ZZ+QQQ:ZZ**+040410:0710+14++ORDCHG'

*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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*

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**

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*

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

[VIEW FORECASTS](#)
[VIEW SHIP SCHEDULES / KANBAN](#)
[VIEW ORDERS](#)
[VIEW GENERAL MESSAGES](#)
[VIEW ADVANCE SHIP NOTICES](#)
[VIEW APPLICATION ADVICE](#)
[VIEW RECEIVING ADVICE](#)
[CREATE ADVANCE SHIP NOTICE](#)

[Admin Menu](#)
[MANAGE CUMULATIVE PART QUANTITY SHIPPED](#)

[Reports](#)
[FORECAST SUMMARY](#)
[DELJIT SUMMARY \(NOT KANBAN CALLS\)](#)

[Help](#)
[CONTACT INFORMATION](#)
[USERS MANUAL](#)

[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

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

- ◆ 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 ID***entification 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

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'

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

*Interchange Header* **SUPPLIER MAILBOX ID; DELPHI MAILBOX ID:ZZ¹**

*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*

*Despatch quantity*

*Cumulative quantity shipped since start of inv. year*

**Supplier MANUFACTURING DUNS number**

**DELPHI PURCHASE ORDER NUMBER**

*End Message 2*

*End Interchange Header*



UNB+UNOA:2+**QQQ**:ZZ+**DPH**:ZZ+040407:1601+7253++DESADV'

*Interchange Header* **SUPPLIER MAILBOX ID; DELPHI MAILBOX ID:ZZ**<sup>1</sup>

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)*



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*

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*

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*

## ◆ 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

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040408:1703+67++CONTRL'  
UNH+1+CONTRL:2:2:UN'  
UCI+000000116+QQQ:ZZ+DPH:ZZ+7'  
UCM+000000850+DESADV:D:97A:UN+7'  
UCM+000000851+DESADV:D:97A:UN+7'  
UCM+000000852+DESADV:D:97A:UN+7'  
UCM+000000853+DESADV:D:97A:UN+7'  
UCM+000000854+DESADV:D:97A:UN+7'  
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*

UNB+UNOA:2+**DPH:ZZ+QQQ:ZZ+040408:1703+67++CONTRL'**

*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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)*



UCM+000000853+DESADV:D:97A:UN+7'

*Message 4 Response (853)*

UCM+000000854+DESADV:D:97A:UN+7'

*Message 5 Response (854)*

UNT+8+1'

*End Message 1*

UNZ+1+67'

*End Interchange Header*



- ◆ 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**

- ◆ 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)**

### ◆ 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”

- ◆ 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!**

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*

UNB+UNOA:2+**DPH:ZZ+QQQ:ZZ+040414:1116+354++APERAK'**

*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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*



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*

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

**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 CUMULATIVE PART QUANTITY SHIPPED

**Reports**

- FORECAST SUMMARY
- DELJIT SUMMARY (NOT KANBAN CALLS)

**Help**

- CONTACT INFORMATION
- USERS MANUAL

© 2002 Delphi Corporation. All rights reserved.



**VIEW ASN ERRORS** ■ ASN ERROR DETAILS
MY PROFILE

*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	 <a href="#">XML</a> 

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



<a href="#">VIEW ASN ERRORS</a> <a href="#">ASN ERROR DETAILS</a>	
Application Advice	<a href="#">PRINT</a>
Supplier ASN Application Error	
<b>Shipment Identification Number:</b> 86402958 <b>Delphi ASN Idoc Number:</b> 19600535 <b>Delphi ASN Process Date:</b> 2004-03-15 <b>Ship To Plant Duns Number:</b> 621541457 <b>Supplier Duns Number:</b> 075922695	
Details	
<b>Error:</b> Late ASN	

- ◆ 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

```

UNB+UNOA: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
  
```

UNB+UNOA:2+**DPH:ZZ+QQQ:ZZ**+040412:1330+460++RECADV'

*Interchange Header* **DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID<sup>1</sup>**

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*

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**

**DELPHI**

## RECADV Example



RFF+ON:0550044130'

DELPHI SCHEDULING AGREEMENT

UNT+16+2'

*End Message 2*

UNZ+2+460'

*End Interchange Header*

WEBEDI HOME | LOG OUT | DELPHI HOME | ABOUT WEBEDI

MY PROFILE

**VIEW RECEIVING ADVICE** ■ RECEIVING ADVICE DETAILS

*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	PlantCd	Receiving Advice Details
2004-03-15	86382993	No	2004-03-17	DA98	<a href="#">XML</a>
2004-03-15	86439626	No	2004-03-17	DA98	<a href="#">XML</a>
2004-03-15	H0505271581	No	2004-03-17	DA98	<a href="#">XML</a>
2004-03-11	86375144	No	2004-03-17	DA98	<a href="#">XML</a>
2004-03-11	86417892	No	2004-03-17	DA98	<a href="#">XML</a>
2004-03-10	86402958	No	2004-03-17	DA98	<a href="#">XML</a>

© 2002 Delphi Corporation. All rights reserved.

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

VIEW RECEIVING ADVICE
RECEIVING ADVICE DETAILS

Receiving Advice

PRINT

Shipment Details

Shipment Identification Number: 86382993
Ship to Plant Code: DA98

Delphi ASN Process Date: 2004-03-08
Goods Receipt Number: 0181979176

Goods Receipt Date: 2004-03-08

Part Details

Part #:	ASN Qty:	Received Qty:	Short / Over Shipped:
12218667	2500.000	2500.000	-



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

UNB+UNOA:2+DPH:ZZ+QQQ:ZZ+040413:1048+24++GENERAL'

UNH+1+GENERAL:D:97A:UN'

BGM+327+20040413100000MRP CY+9'

DTM+7:20040413100000:204'

NAD+FR+002136823::16'

NAD+MR+006068050::16'

CTA+IC+Tom Richards'

FTX+AAI+++MRP CYCLE'

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'

UNZ+1+24'

Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID1

Message Header 1, Document Type, Version

EDI Document Number; 327 for text message

Effective date of Document

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

Supplier DUNS number

Delphi contact information

Message text (continues to UNT segment)

End Message 1

End Interchange Header

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



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

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

**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 CUMULATIVE PART QUANTITY SHIPPED

**Reports**

- FORECAST SUMMARY
- DELJIT SUMMARY (NOT KANBAN CALLS)

**Help**

- CONTACT INFORMATION
- USERS MANUAL





© 2002 Delphi Corporation.  
All rights reserved.

**VIEW GENERAL MESSAGES**
GENERAL MESSAGE DETAILS
MY PROFILE

*View General Message Criteria*

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

VIEW GENERAL MESSAGES
GENERAL MESSAGE DETAILS

General Message Details
PRINT

CONTACT NAME:	Sara Hulet
MESSAGE FROM:	002136823
MESSAGE TO:	0001007719
EFFECTIVE DATE:	2004-03-10 10:00:00
SUBJECT:	SUPPLIER PAYMENT ISSUES
GENERAL MESSAGE:	<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>

VIEW GENERAL MESSAGES ■ GENERAL MESSAGE DETAILS	
General Message Details <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</p> <p>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>



- ◆ 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

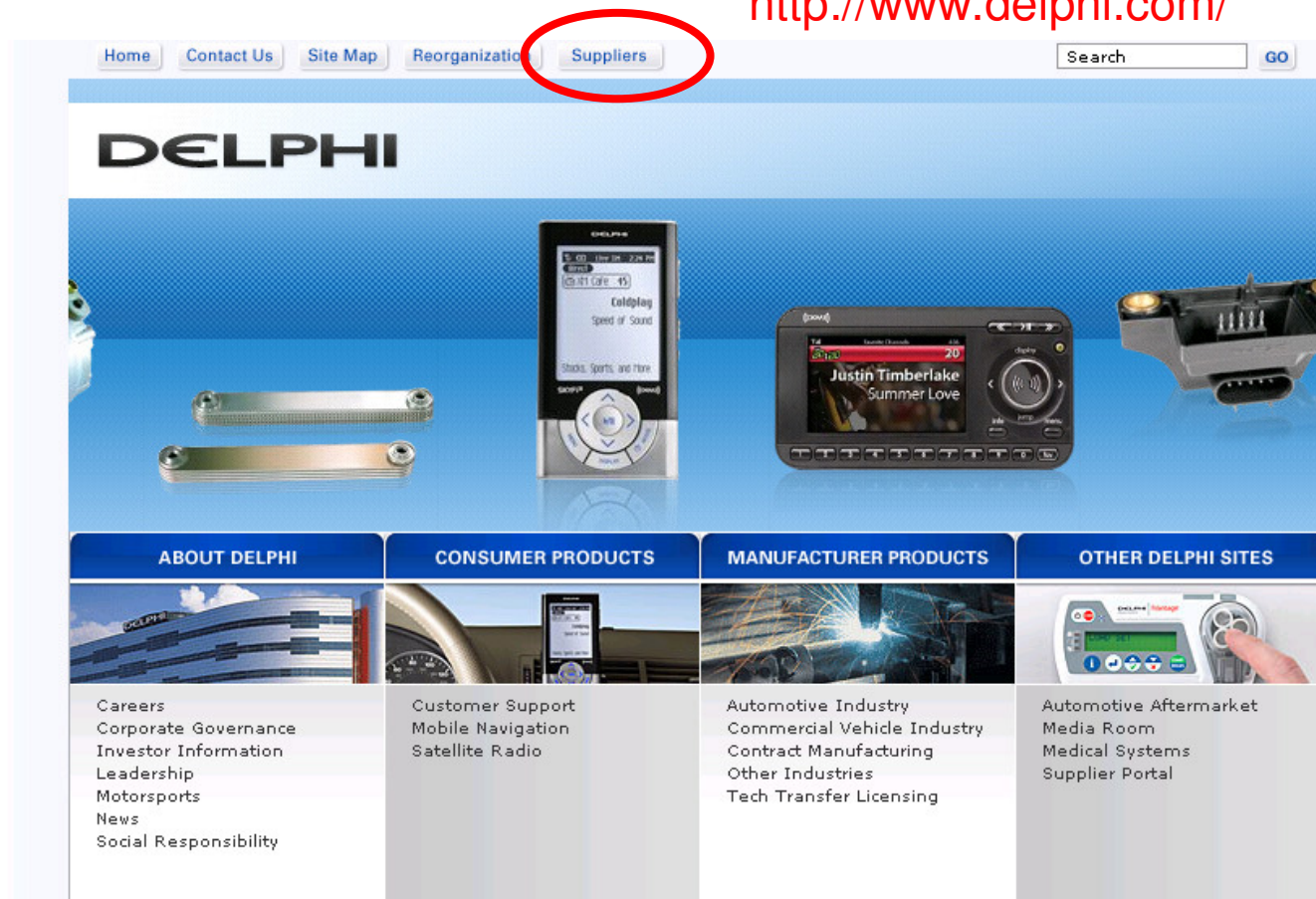
(Test Indicator)

- ◆ 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

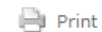
- ◆ All suppliers are required to become EDI certified
- ◆ EDIFACT Certification will be conducted by Delphi EDI Certification Team by completing the following:
  - Receive a test DELFOR and test DELJIT from Delphi
  - Send test DESADV that contains appropriate data elements from test DELJIT
  - Continue 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.

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

<http://www.delphi.com/>



### 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.](#)

**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](#).

[GM Components Assignment Letter Post Petition 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

© Compuware Corporation. All Rights Reserved. 2010 Legal  
secured by **covisint**

### Login

User ID:

Password:

Login

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

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

### 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)

**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)**