



LUCID

5/10/2023

Supplier EDI Onboarding Process

LUCID CONFIDENTIAL

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Compliance Task List

Onboarding Process Flow

Pre-Onboarding-Lucid Internal

Pre-Onboarding-Lucid and Supplier— Exchange Master Data

Pre-Onboarding-Lucid and Supplier— DOWNLOAD ALL DOCUMENTS

Specification Documents

ASN and Label Build Out

Business Rules

Go/ No-Go Checkpoint Meeting (Native EDI Suppliers)

Go No-Go Self Assessment Checklist (True Commerce Portal Suppliers)

Lucid Contact Information

# Compliance Task List – Native Supplier only

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As an onboarding process, Supplier need to complete below tasks to set up EDI connections and be complaint as a LUCID Supplier

1. Supply Chain Specifications
2. EDI Connectivity Request
3. Download ORDERS Purchase Order
4. Upload DESADV - cross check w/ ORDERS
5. Download ORDCHG PO Change
6. Upload DESADV - check ORDERS w/ ORDCHG applied
7. Download DELFOR Delivery Schedule Message
8. Download DELJIT Delivery Just In Time Message
9. Upload DESADV - cross check w/ DELJIT
10. Download RECADV Receiving Advice
11. Upload INVOIC - cross check w/ RECADV
12. Download APERAK Acknowledgement
13. Upload CONTRL Syntax Functional Acknowledgement-D04B
14. Upload CONTRL Syntax Functional Acknowledgement-D01B
15. Upload CONTRL Syntax Functional Acknowledgement-D03A
16. Upload CONTRL Syntax Functional Acknowledgement-D04A
17. Upload Shipping Label PDF

# Portal Supplier

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As an onboarding process, Supplier needs to complete below tasks to set up portal connection

1. Register with True Commerce for portal access
2. Download ALL Lucid EDI training documents
3. Take portal training from True Commerce
4. Return Self-Administered Go No Go Checklist
5. Manage Demand, Shipments, ASNs, Invoices on the True Commerce portal

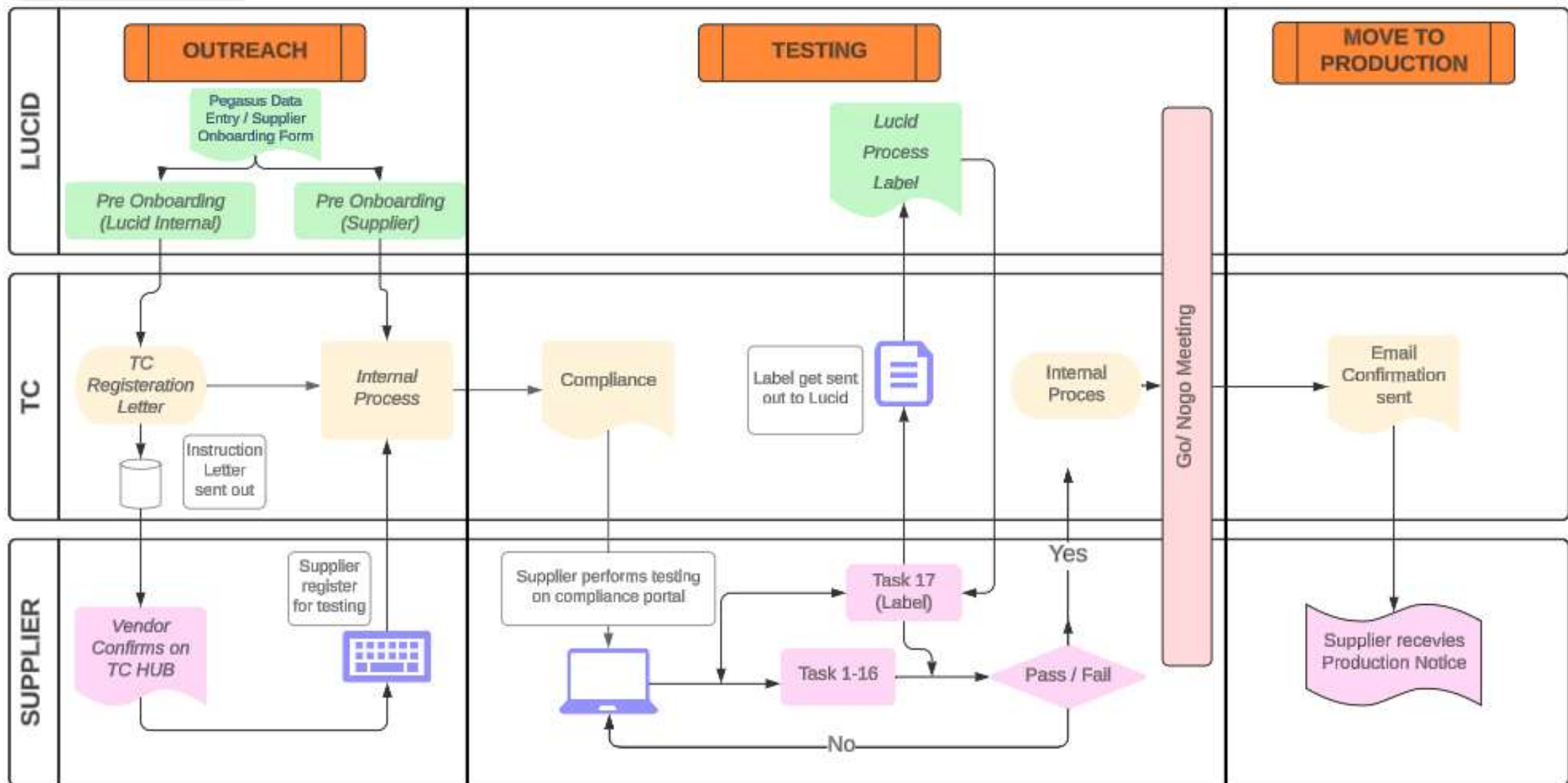
**Diagram Key**

- Lucid Activites
- TC Activites
- Supplier Activites

 **TC Activities**

Supplier Activities

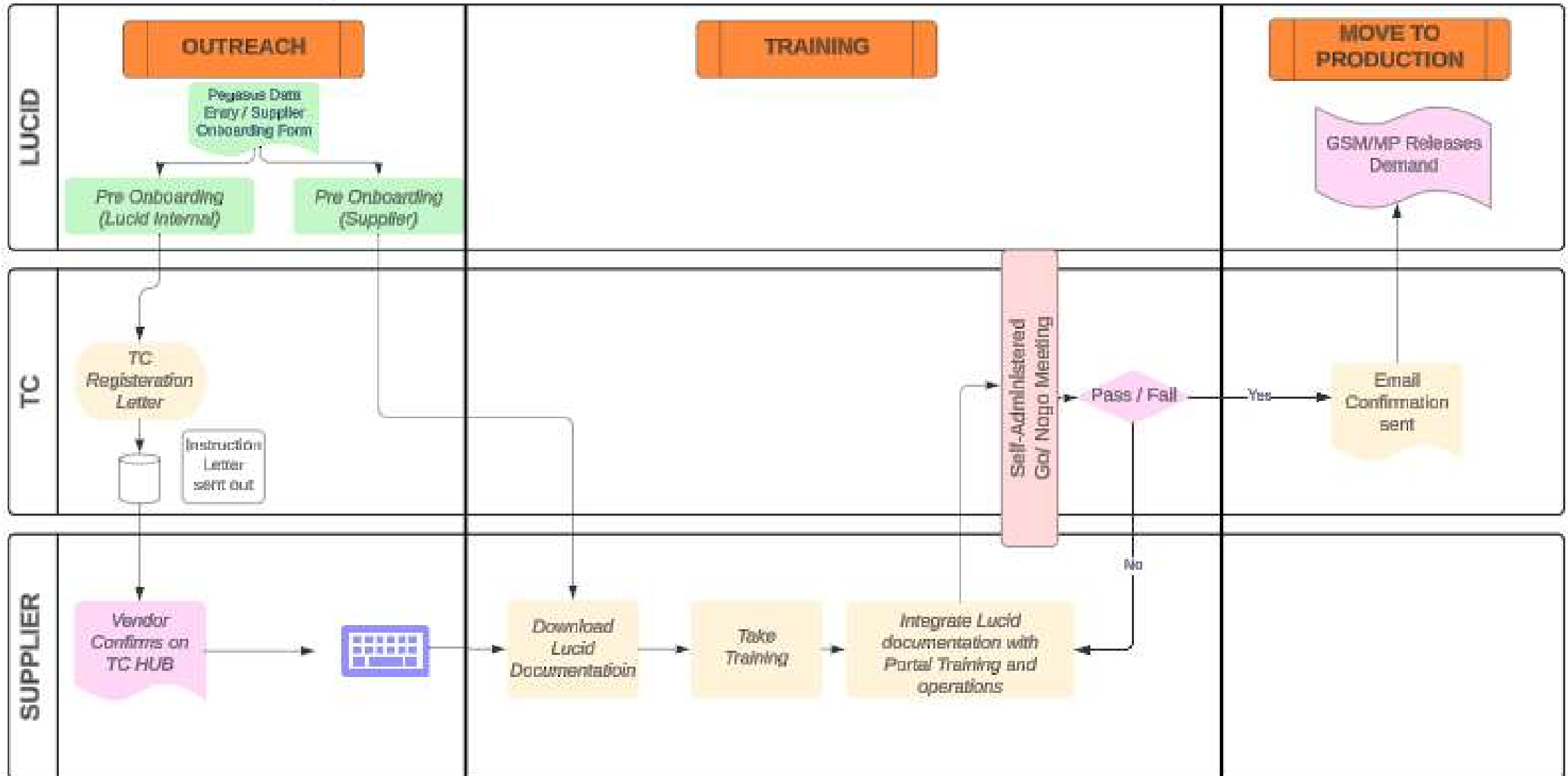
## Onboarding Process Flow Native



### Diagram Key

- Lucid Activities
- TC Activities
- Supplier Activities

### Onboarding Process Flow Portal



# Pre-Onboarding : Lucid Internal

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LUCID GSM team provides all required data for setting up EDI Supplier



Lucid EDI & Lucid Procurement and  
Planning Supplier Onboarding Planning



Pre-Onboarding Template  
(Go No-Go Checklists)



Pre-Onboarding supplier meeting  
(This Meeting)

# Pre-Onboarding : Lucid & Supplier

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## Align EDI Onboarding expectations.

1. Lucid GSM Pegasus Update, ID EDI and Operational SME contacts

2. Know ship to location codes  
LOC Warehouse  
Casa Grande Main Production Plant

3. List Supplier Ship From locations

4. EDI Readiness  
True Auto Web Portal Solution – 2-4 Weeks  
**Native (Inhouse) – 3-5 Months**

5. Exchange part number list

6. Demand sent manually?

7. TC team review Registration/ Compliance

8. TC Compliance & Supplier's execute testing

9. Supplier Project plan/ expectations

## Business Rules Concepts

1. Understand the Replacement logic

2. RAN number structure, PN and ordering details, confirm all NAD addressing

3. Processing Multiple RANS, Turnaround Data for ASN and Invoice

4. Duplicate ASN/HU errors, APERAK monitoring, correcting & resending ASNs & Inv

5. ASN structure matches PDS (physical structure)

6. Use oldest RAN from latest DELJIT to ship against, License Plate/HU structure in ASN and Label

7. ASN within 30 minutes

8. Carrier tracking and carrier info

9. ASN Chargebacks

10. Agree on Inv payment terms & EDI payment term values

# Go/ No-go Pre-Production Switch

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## Reference the Go/ No-go Checklist

1. Onboarding process is complete
2. Master Data details exchanged
3. Supplier reviews ASN & Label Processing
4. Supplier reviews EDI Invoicing Processes
5. Exchange Connectivity files/ VAN details
6. Exchange Contact Information
7. Agreement on first demand, ASN & Invoice transmissions
8. Discussion of platform transition optional (Portal - Native)



**Confirmation between all the entities, on the checkpoints and are ready to move to production**

# Go No Go Native Suppliers – Download from True Commerce/Lucid Site

| <TC Supplier Name - Supplier Number - Country Code - EDI or Portal - Date>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |                 |        |           |                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------|--------|-----------|----------------------------------------------------------------------------------------------------|
| Checkpoints                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Responsible for & Confirmed By |                 |        |           |                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lucid/TC                       | Supplier        | Yes/No | Date      |                                                                                                    |
| Registered for Training / In Compliance Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TC/EDI                         | Order Mgmt / AP |        |           |                                                                                                    |
| Validate shipfrom & payee codes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GSM                            | Order Mgmt/ AP  | Yes    | 2/13/2024 | Payee Code: XXXXXX                                                                                 |
| Part Detail correct (Transition Items)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MP                             | Order Mgmt      |        |           | No Parts:<br>SAs:                                                                                  |
| UOM correct (each, KG, Pounds), please check with GSM/MP for each part                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GSM/MP                         | Order Mgmt      |        |           | Consumables UOM Correct?                                                                           |
| Lot Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MP/GSM                         | Order Mgmt      |        |           |                                                                                                    |
| Planning Time Fence, Firm Zone, Shipping Lead Times Comr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MP                             | Order Mgmt      |        |           |                                                                                                    |
| Understand Replacement logic for DELJIT/DELFOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EDI                            | EDI             |        |           |                                                                                                    |
| SLOC setup                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MP/GSM                         |                 |        |           |                                                                                                    |
| PDS Packaging Data Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Packaging Engineer             | Ship Op & EDI   |        |           |                                                                                                    |
| Describe Shipment Process (Physical shipment Structure & ASN Structure must match, PDS, Carrier Tracking num)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EDI                            | Ship OP & EDI   |        |           | Accessorial and Ballistics ASNs are subject to minimum \$1,000 per shipment non-compliance penalty |
| Label Requirement (ID, HU, Part number, Quantity, SA, General Formatting) (1J, 5J, 6J)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Shipping Label                 | Ship OP         |        |           |                                                                                                    |
| Describe ASN (Structure, Carrier Tracking, HU Num, NAD Addressing, PAN number, PIA segment)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EDI                            | EDI             |        |           |                                                                                                    |
| Carrier Onboarding Complete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lucid Transportation           | Ship Op & EDI   |        |           |                                                                                                    |
| Describe APERAK Monitoring Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EDI                            | EDI             |        |           |                                                                                                    |
| INVOICE (Manual or EDI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EDI/ AP                        | EDI/ AR         |        |           | Terms: NT45, NT30                                                                                  |
| INVOICE Length Number - Maximum 16 Char for EDI INV, no Leading zeros                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EDI/ AP                        | EDI/ AR         |        |           |                                                                                                    |
| Paper Invoice feed is turned off                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EDI/ AP                        | EDI/ AR         |        |           |                                                                                                    |
| EDI Invoice number must match paper Invoice number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EDI/ AP                        | EDI/ AR         |        |           |                                                                                                    |
| Golden Demand Date (Set & Confirm first message)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MP/GSM/ TC                     | Order Mgmt/ EDI |        |           | Confirm Lucid GSM/MP for timing of set used                                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TC                             | EDI             |        |           | TC UI Name:                                                                                        |
| Confirmation of first ASN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EDI                            | EDI             |        |           |                                                                                                    |
| Confirmation of first INVOICE ( NET30 or NET 45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EDI/ AP                        | EDI/ AR         |        |           |                                                                                                    |
| Confirmation of Control Messages (All EDI Message)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EDI                            | EDI             |        |           |                                                                                                    |
| <b>Contacts after production switch support --&gt;</b><br>trueauto@truecommerce.com, edi@lucidmotors.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |                 |        |           |                                                                                                    |
| <b>Lucid Contacts</b><br>EDI - Escalation if True Commerce cannot support.<br>Electronic Data Interchange <EDI@lucidmotors.com><br>David Taylor <DavidTaylor@lucidmotors.com><br>True Auto Production Support -<br>True Auto Compliance - DIC-<br>Lucid Transportation<br>Europe/KSA/Peru<br>toddwest@lucidmotors.com (phasing out)<br>NicolasOsouf@lucidmotors.com<br>Mexico/Canada - paulrodriguez1@lucidmotors.com<br>Asia - Allen Liou <AllenLiou@lucidmotors.com><br>US - keithanacleto@lucidmotors.com<br>Allen Liou- Asia<br>Keith Anacleto - US<br>GSM -<br>Packaging Engineer -<br>MP -<br>AP - ap@lucidmotors.com(For PDF Invoice submission only, apinquiry@lucidmotors.com( to contact AP subject to |                                |                 |        |           |                                                                                                    |
| <b>Supplier Contacts</b><br>EDI -<br>Order Mgmt -<br>Ship Op -<br>Accounts Receivable -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                 |        |           |                                                                                                    |

Go No Go Portal Suppliers Self-Checklist – Download from True Commerce/Lucid Site

[illegible]

# Specification Documents Link

## EDI Training Documents, EDI and Label Specifications-

- Business Rules
- ASN and Label Build out
- DELFOR—Forecast
- DELJIT—Delivery Schedule
- ORDERS—Purchase Order/  
Scheduling Agreement
- ORDCHG-- Purchase Order/  
Scheduling Agreement Change
- DESADV—Advanced Ship  
notice(ASN)
- INVOIC—Supplier Invoice
- Shipping Label and Packaging  
Guidelines

**LUCID**

### Lucid Motors (compliance) Downloads

**Business Documents (Supplier Operations and Systems)**

- Compliance Walkthrough ( PDF )
- EDI Business Rules - Lucid Motors v5.11.pdf ( PDF )
- EDI Legal Agreement Content.pdf ( PDF )
- Lucid Supplier EDI Onboarding Flow.pdf ( PDF )
- Gravity TrueAuto Webinar ( MP4 )
- Gravity Supplier Comms.docx ( PDF )
- Go No Go Checklist Portal Suppliers.xlsx ( xlsx )
- Go No Go Checklist Native Suppliers.xlsx ( xlsx )
- Lucid Motors ASN and Label Build Out 3.0 Portal Suppliers.pdf ( PDF )
- Lucid Motors ASN and Label Build Out 3.0 Native Suppliers.pdf ( PDF )
- Lucid Labeling Guidelines v1.0 ( PDF )
- CORP-PKG-MA-12910 Lucid Motors Supplier Packaging Guidelines - Rev 3.0-12910-3.pdf ( PDF )

**ASN and Label Build Out Videos (Operations and Systems)**

- ASN Data Sources: Order Management ( MP4 )
- Turnaround Data ( MP4 )
- DTM Segment Mapping ( MP4 )
- GIR Segment ( MP4 )
- Packaging Data Structure ( MP4 )
- Building Lucid Motors DESADV/ASN and shipping Labels ( MP4 )
- Homogeneous Pallet ( MP4 )
- Mixed Pallet ( MP4 )
- Loose Pallet ( MP4 )
- Multiple Pallets Homogenous and Mixed Labels ( MP4 )
- Short Ship Box Structure ( MP4 )
- Carrier Shipment Tracking: Domestic CH Robinson ( MP4 )
- Carrier Shipment Tracking: International Ocean and Air DSV ( MP4 )
- Carrier Shipment Tracking: International Ocean and Air DB Schenker ( MP4 )
- EDI Important Contacts: Lucid, True Commerce Production & Compliance ( MP4 )

Use these implementation guidelines and sample files as references to map your system to Lucid Motors (compliance)'s EDI requirements.

**EDI Specification and Technical Documents (Supplier EDI and IT Systems)**

- DELFOR Mapping Specifications ( PDF )
- DELJIT Mapping Specifications ( PDF )
- ORDERS Mapping Specifications ( PDF )
- ORDCHG Mapping Specifications ( PDF )
- DESADV Mapping Specifications (Updated 11/16/2022) ( PDF )
- INVOIC Mapping Specifications ( PDF )
- APERAK Mapping Specifications ( PDF )
- CONTRL Mapping Specifications ( PDF )
- RECADV Mapping Specifications ( PDF )

**Sample Files**

- DELFOR (TXT)
- DELJIT (TXT)
- ORDERS (TXT)
- ORDCHG (TXT)
- DESADV (TXT)
- INVOIC (TXT)
- APERAK (TXT)
- CONTRL (TXT)

<https://dicompliance-zone1.dicentral.com/Vendor/Customers/Downloads?id=37186>

# ASN Chargebacks

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- **ASN Compliance means your ASN is accurate and timely (sent within 30 minutes of shipment departure and available for Lucid receiving by the time your physical shipment arrives, and your physical shipment structure matches your ASN structure)**
- When you are onboarded to production, Lucid assumes you will be ASN compliant
- EDI APERAK must be constantly monitored for ASN and Invoice errors. ASN corrections must be made and received by Lucid before your physical shipment arrives
- **ASN Chargebacks will be assessed at a minimum of \$1,500 per shipment or inaccurate/late ASN.**
- Non-ASN compliance means Lucid is MANUALLY handling every physical element of your shipment. This incurs heavy labor charges and defeats the purpose of efficient supply chain management

# Lucid Contact Information

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- *Your Respective GSM and Material Planner*
- *Label Support*
  - [shippinglabels@lucidmotors.com](mailto:shippinglabels@lucidmotors.com)
- *EDI/ASN Support*
  - *Current EDI Production mode:*
    - First Contact [TrueAuto@truecommerce.com](mailto:TrueAuto@truecommerce.com);
    - Escalation [edi@lucidmotors.com](mailto:edi@lucidmotors.com)
  - *Still in the onboarding process or not onboarded:*
    - TrueAuto Onboarding [TrueAuto.Onboarding@truecommerce.com](mailto:TrueAuto.Onboarding@truecommerce.com)

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THANK YOU

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