



LUCID

5/10/2023

Supplier EDI Onboarding Process

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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

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

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 Activities
- Supplier Activites

Onboarding Process Flow Native

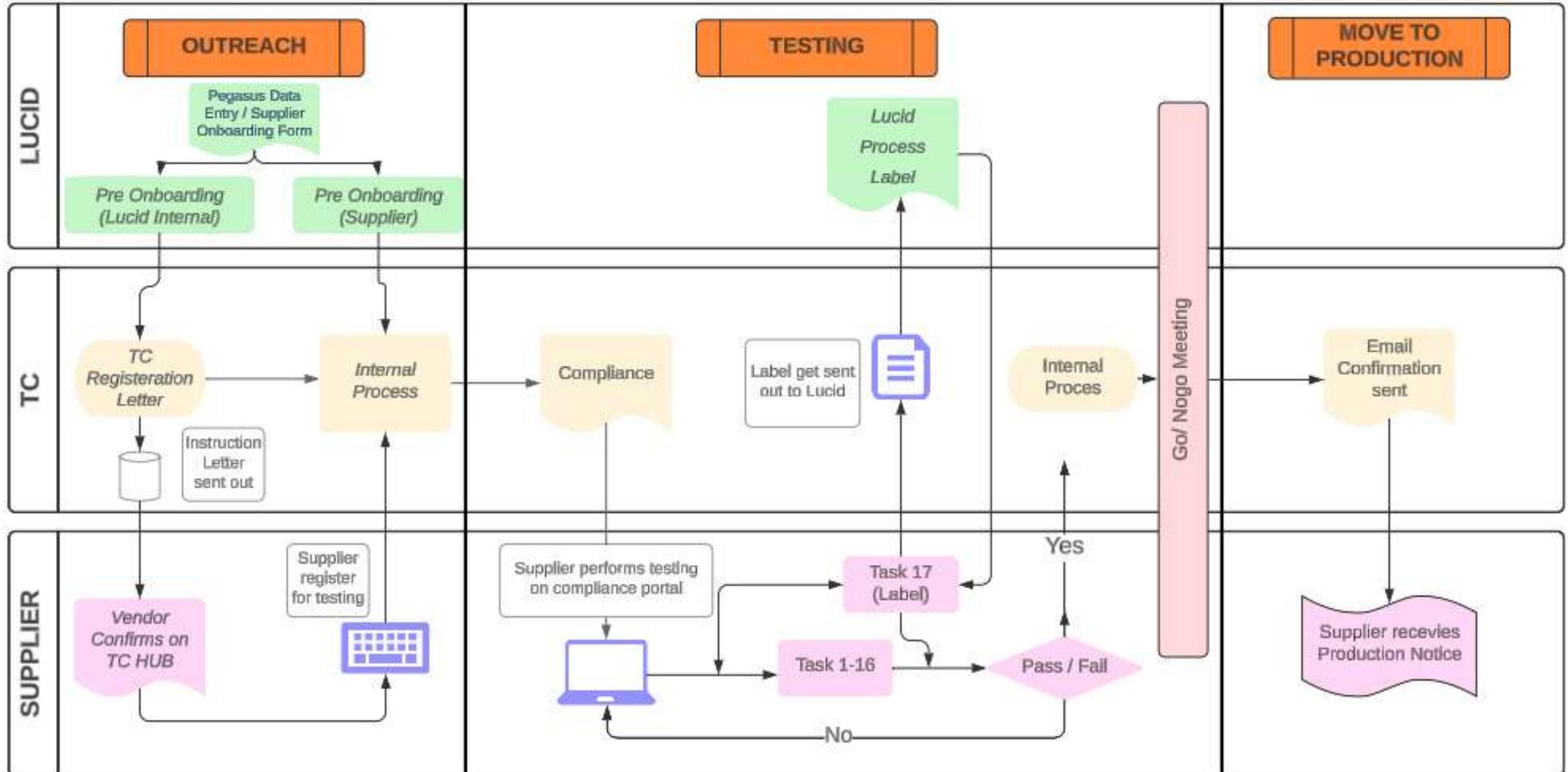
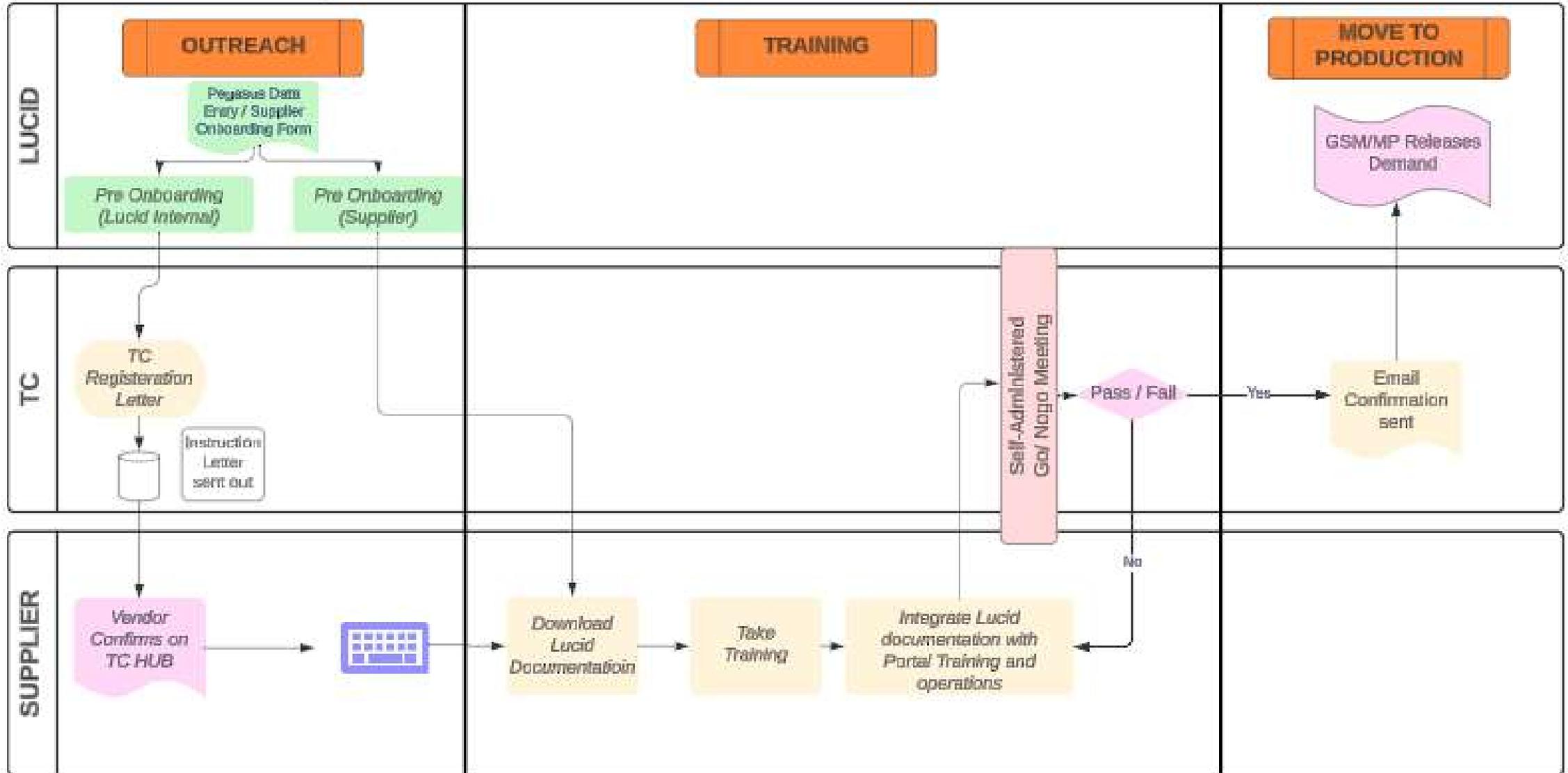


Diagram Key

- Lucid Activities
- TC Activities
- Supplier Activities

Onboarding Process Flow Portal



Pre-Onboarding : Lucid Internal

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

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



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 / Shipping / EDI			
Validate shipfrom & page codes	GSM	Order Mgmt/ AR	Yes	2/13/2024	Payee Code: XXXXXX
Part Detail correct (Transition Items)	MP	Order Mgmt			No Parts: 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			Incorrect and Bulkload 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 1st send
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			
Contacts after production switch support --> trueauto@truecommerce.com, edi@lucidmotors.com					
Lucid Contacts EDI - Escalation if True Commerce cannot support. Electronic Data Interchange <EDI@lucidmotors.com> David Taylor <DavidTaylor@lucidmotors.com> True Auto Production Support - True Auto Compliance - DIC- Lucid Transportation Europe/KSA/Peru toddwest@lucidmotors.com (phasing out) NicolasOsouf@lucidmotors.com Mexico/Canada - paulrodriguez1@lucidmotors.com Asia - Allen Liou <AllenLiou@lucidmotors.com US - keithanacleto@lucidmotors.com Allen Liou- Asia Keith Anacleto - US GSM - Packaging Engineer - MP AP - ap@lucidmotors.com(For PDF Invoice submission only, apinquiry@lucidmotors.com(to contact AP subject to					
Supplier Contacts EDI - Order Mgmt - Ship Op - Accounts Receivable -					

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

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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 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

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

LUCID

THANK YOU

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5/10/2023