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POWERING THE AUTOMOTIVE SUPPLY CHAIN

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Toyota Skid Build

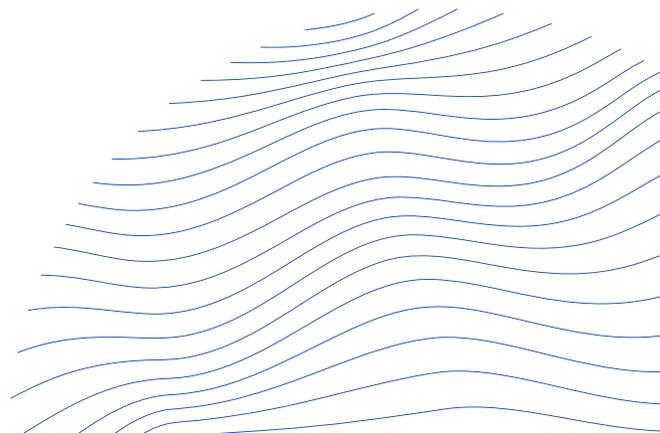


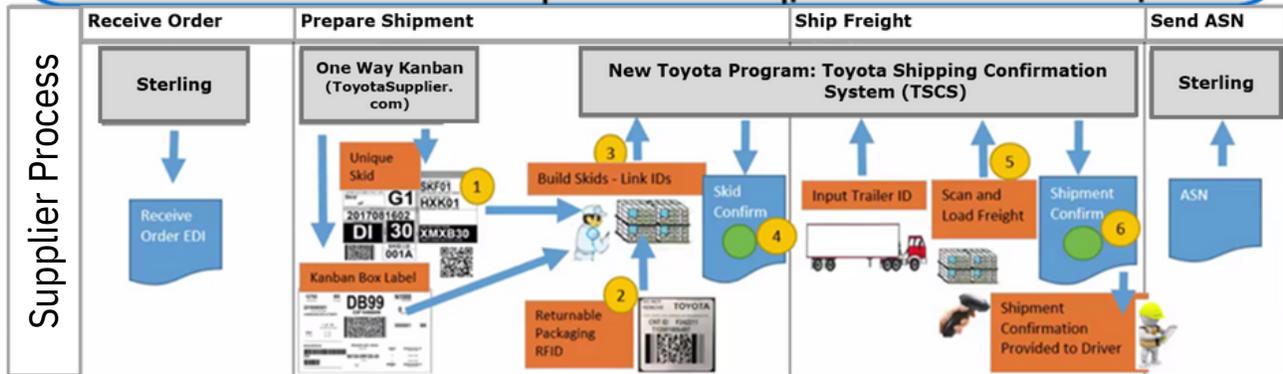
Toyota Freight Load

Toyota Shipping Confirmation System Mobile Apps

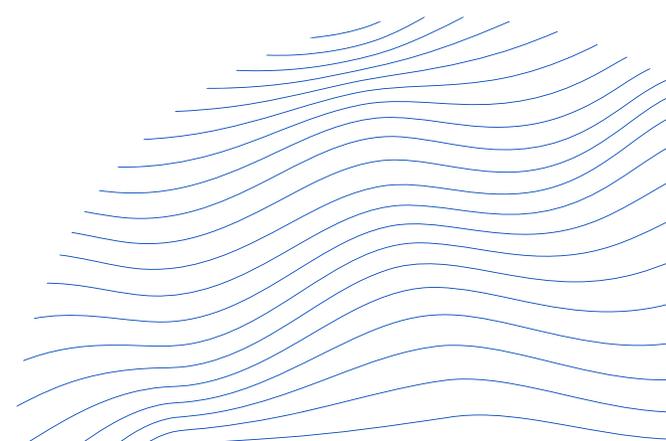
The Toyota Shipping Confirmation System is a confirmation process for both Skid Manifest and One Way Kanban labels, and Trailer confirmation of those skid manifests to orders. Toyota suppliers use the AIM Mobility Toyota Skid Build and AIM Mobility Toyota Freight Build apps to improve supplier packaging and shipping areas of the supply chain, and comply with Toyota Shipping Confirmation System mandates to automate the data scanning, validation and shipping confirmation process.

Suppliers use the Toyota Skid Build app along with Toyota supplied Skid/Manifest labels and Kanban labels to capture and verify skid or pallet information, in real-time. They then you use the Toyota Freight Load app to capture and verify shipment contents (destination, driver name, trailer number, and SCAC) before allowing the truck to leave the supplier dock.



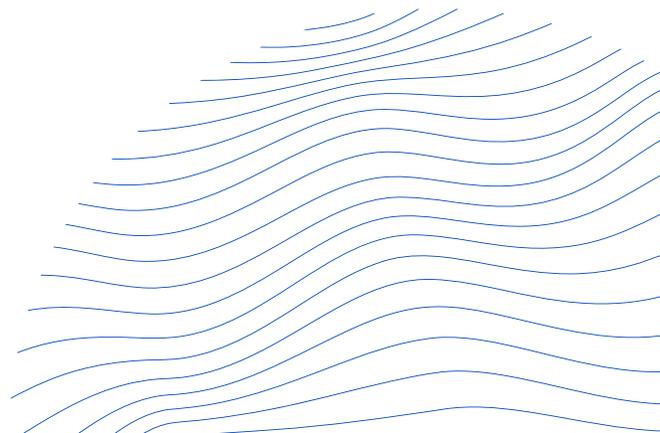


- 1. Unique Skid Label:** One Way Kanban Skid-Manifest will generate unique manifest numbers for each individual skid.
- 2. RFID Tracking of Returnables:** Each piece of returnable packaging will be tagged with RFID labels.
- 3. Capture Skid Contents:** Each Kanban Box Label and selected returnables* to be linked to Skid Manifest.
- 4. Verify Skid Contents:** Skid contents to be communicated to Toyota for verification. Supplier to receive confirmation back.
- 5. Capture Shipment Contents:** At time of shipment, capture each skid loaded to outbound trailer.
- 6. Verify Shipment Contents:** Shipment contents communicated to Toyota for verification. Supplier to receive confirmation.



What is the AIM Toyota Shipping Confirmation System Process?

1. Create Ship Order via AIM Ship Order Entry: Destinations should have the Auto Create Label Indicator set to Yes and the Auto Print Label Indicator set to No. This will allow the system to create records for the Toyota Shipping Confirmation, while using the labels printed from the Toyota Supplier Portal.
2. Print the One Way Kanban (OWK) and Skid labels for the shipment from the Toyota portal.
3. Use the Toyota Skid Build App to build the skid information and to perform the skid confirmation.
4. Once the driver arrives, use the Toyota Freight Build App to scan the driver and truck information, linking it to each Unique Skid Label and perform the Freight Load confirmation.
5. Complete the balance of the shipping process as normal:
 - a. Ship Order Update
 - b. Printing Forms: (ex. Shipper Print Laser Form)
 - c. Shipper Update
 - d. Send ASN (typically triggered automatically after Shipper Update)



Toyota Skid Build App

Suppliers print Unique Skid labels and One Way Kanban labels from the Toyota Supplier Portal.

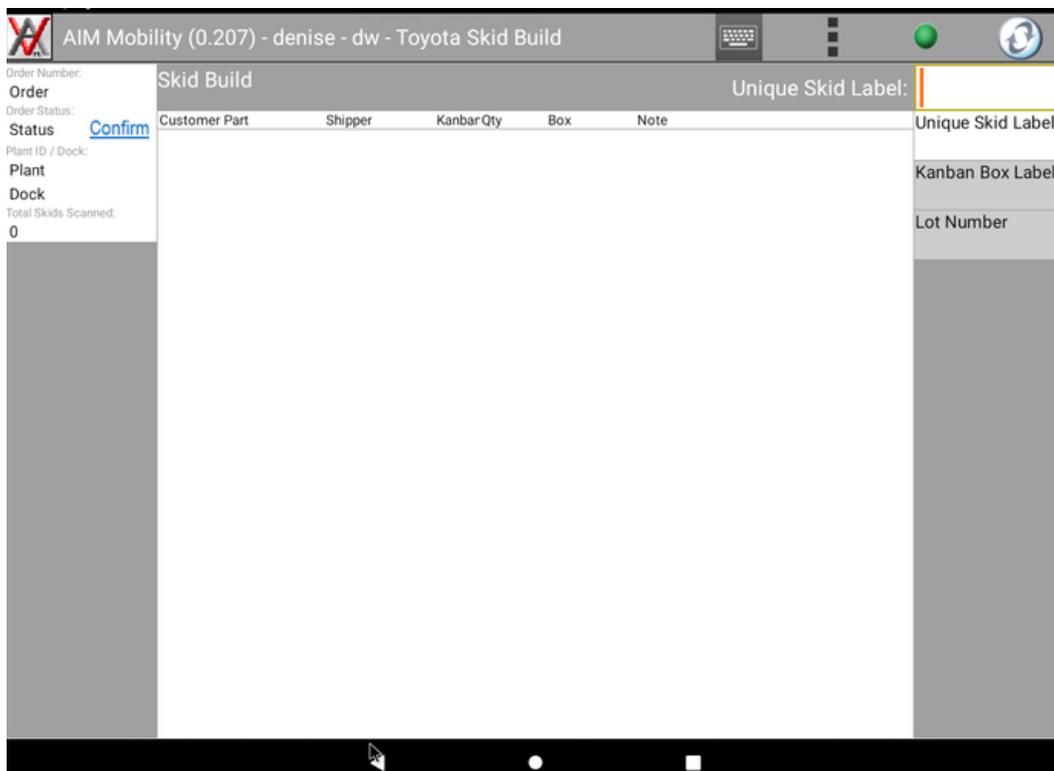
Toyota Unique Skid Label



Toyota One Way Kanban Label



Suppliers use the AIM Mobility Toyota Skid Build app to link the Unique Skid label to the each One Way Kanban Label for the Manifest.



Toyota Skid Build App

The AIM Mobility Toyota Skid Build App keeps track of the Total Containers Scanned, and once all the One Way Kanban labels for the shipment have been scanned, you Confirm the order.

Order Number: 2018091406
Order Status: Build Skids [Confirm](#)

Plant ID / Dock: 02TMI
H8
Total Skids Scanned: 3

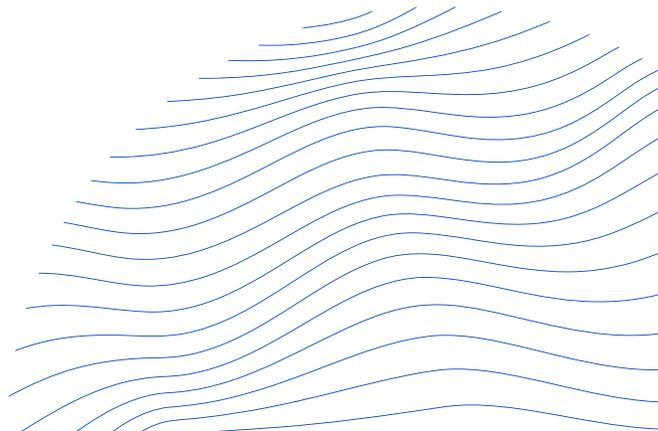
Skid ID / Shipper: 001
136977
Kanbans: HH07: 8 of 8
HH08: 8 of 8
HHY1: 6 of 6
Total Containers Scanned: 22

Skid ID / Shipper: 002
136978
Kanbans: HRD3: 2 of 2
HRD5: 2 of 2
Total Containers Scanned: 4

Skid ID / Shipper: 001
136979
Kanbans: HTK3: 26 of 32
Total Containers Scanned: 26

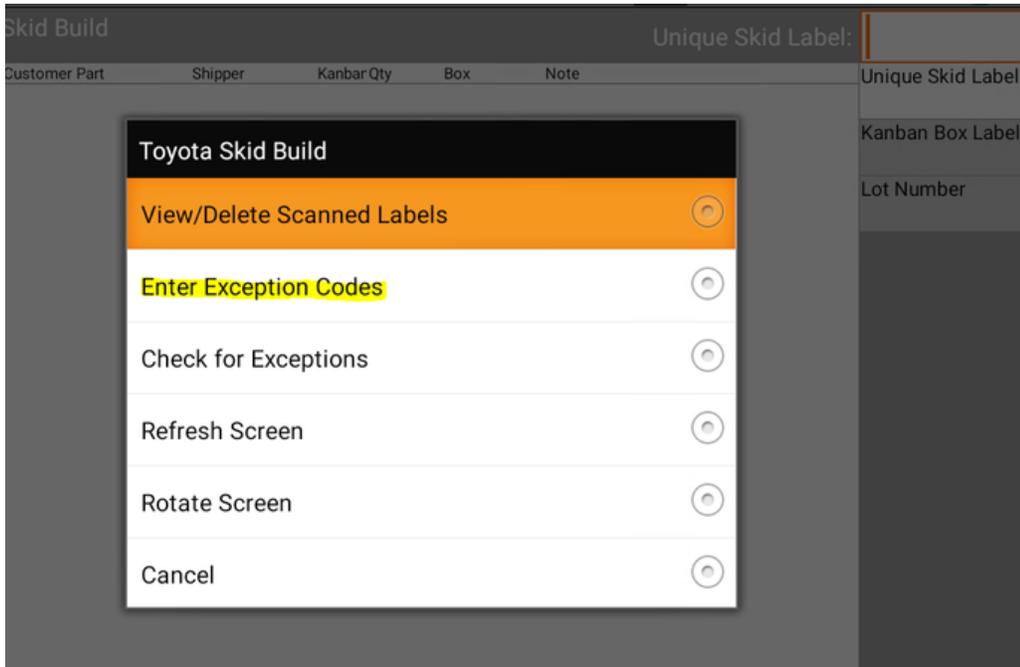
Customer Part	Shipper	Kanban Qty	Box	Note
488200803000	136979	HTK3 10	7 of 32	Ok
488200803000	136979	HTK3 10	8 of 32	Ok
488200803000	136979	HTK3 10	9 of 32	Ok
488200803000	136979	HTK3 10	10 of 32	Ok
488200803000	136979	HTK3 10	11 of 32	Ok
488200803000	136979	HTK3 10	12 of 32	Ok
488200803000	136979	HTK3 10	13 of 32	Ok
488200803000	136979	HTK3 10	14 of 32	Ok
488200803000	136979	HTK3 10	15 of 32	Ok
488200803000	136979	HTK3 10	16 of 32	Ok
488200803000	136979	HTK3 10	17 of 32	Ok
488200803000	136979	HTK3 10	18 of 32	Ok
488200803000	136979	HTK3 10	19 of 32	Ok
488200803000	136979	HTK3 10	20 of 32	Ok
488200803000	136979	HTK3 10	21 of 32	Ok
488200803000	136979	HTK3 10	22 of 32	Ok
488200803000	136979	HTK3 10	23 of 32	Ok
488200803000	136979	HTK3 10	24 of 32	Ok
488200803000	136979	HTK3 10	25 of 32	Ok
488200803000	136979	HTK3 10	26 of 32	Ok

The app will check for exceptions, if none are found the Toyota Skid Build information is submitted electronically to Toyota and a message displays on the tablet along with your Order Confirmation Number.



Toyota Skid Build App

If exceptions are identified upon selecting the Confirm hyperlink, you would use the app to Enter Exception Codes.



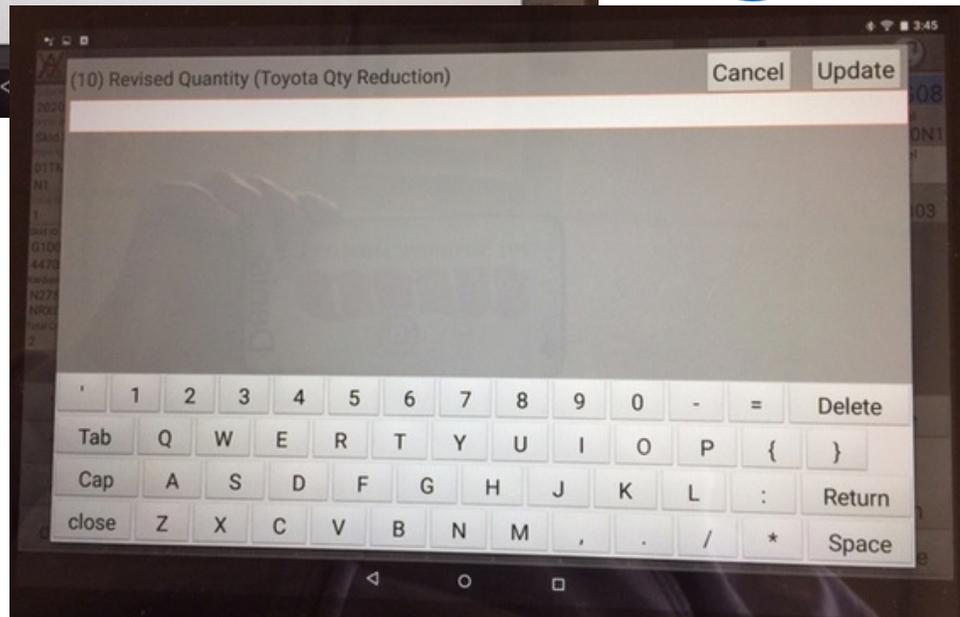
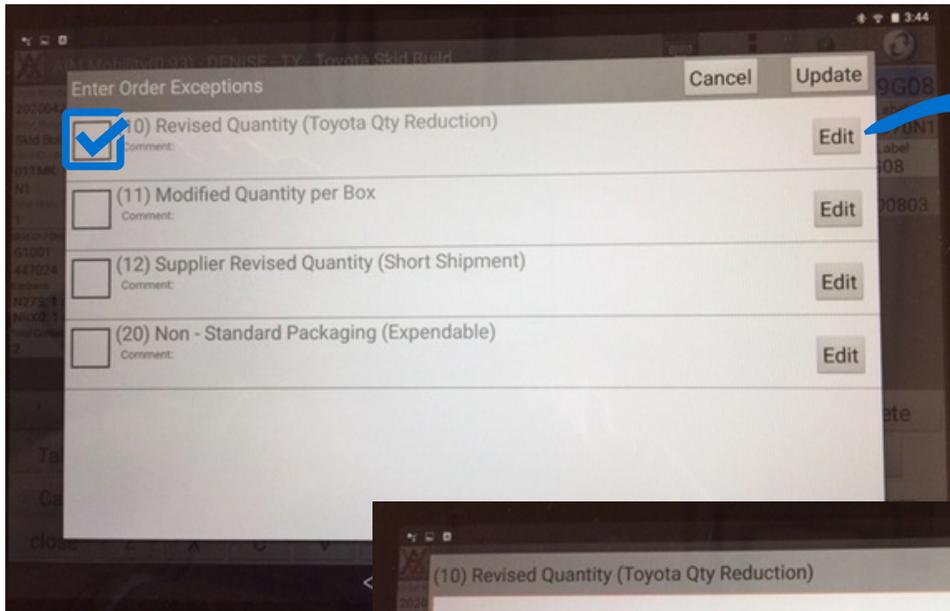
Valid Exception Types and Codes

Exception Type	Exception Code	Description
Pallet / Skid Build Exception	10	Revised Quantity (Toyota quantity reduction)
Pallet / Skid Build Exception	11	Modified Quantity Per Box
Pallet / Skid Build Exception	12	Supplier revised quantity (Supplier short shipped)
Pallet / Skid Build Exception	20	Non Standard Packaging (Expendable)
Shipment / Freight Load Exception	13	Blowout - Space/Weight
Shipment / Freight Load Exception	14	Blowout Recovery - Normal Route
Shipment / Freight Load Exception	15	Buildout Recover - Normal Route
Shipment / Freight Load Exception	16	Freight Pulled Ahead Already
Shipment / Freight Load Exception	17	Freight Damage
Shipment / Freight Load Exception	18	Expedite - Supplement
Shipment / Freight Load Exception	19	Expedite - Blowout
Shipment / Freight Load Exception	21	Continuous Load
Shipment / Freight Load Exception	22	Expedite - Buildout
Shipment / Freight Load Exception	23	Freight Pull Ahead (At pallet level)

This table shows the list of valid exception types and codes identified by the Toyota Shipping Confirmation System.

Toyota Skid Build App

Use the box to the left of the Exception to indicate why your containers differ from the manifest. Use the Edit button on the Exception row to enter specific details related to the exception.

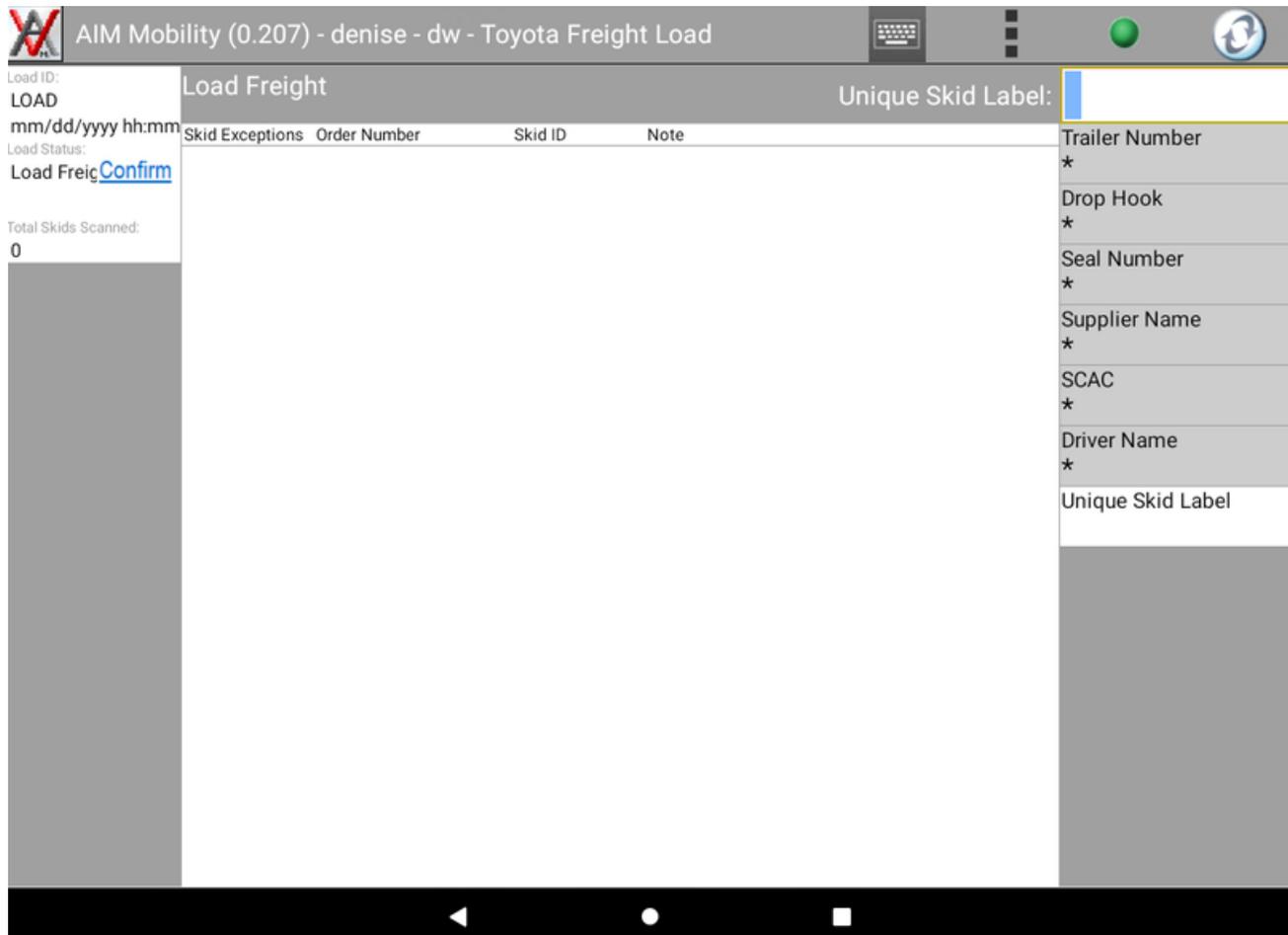


Once the Exception value is entered, press the Update button, then return to the main screen to resubmit and Confirm the skid build.



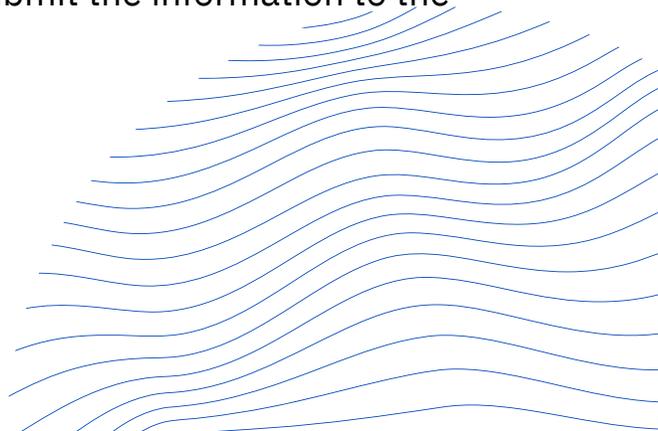
Toyota Freight Load App

After the Toyota Skid Build Confirmation is complete, the Order Status will move to Load Freight. Once the driver arrives, use the Toyota Freight Build App to scan the driver and truck information, linking it to each Unique Skid Label and perform the Freight Load confirmation.



Scan the 2D barcode on the Unique Skid Label, then enter the Trailer #, Drop Hook, Seal Number (if applicable), Supplier Name, SCAC, and Driver's first and last name.

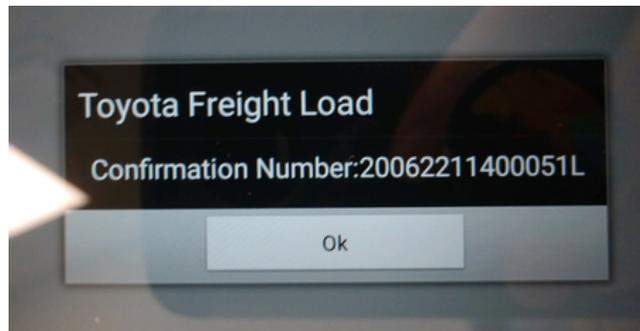
Once complete, click the Confirm hyperlink to submit the information to the Toyota Shipping Confirmation System.



Toyota Freight Load App

You would resolve any exceptions that occur during the Load Freight confirmation process via the Enter Exception Codes option from the tablet.

A message displays on the tablet, with a confirmation number, when the Toyota Freight Load confirmation is successful.



Contact AIM

If you're ready to meet the Toyota Shipping Confirmation System mandate, and need an ERP solution provider who specializes in automotive EDI, please contact the AIM sales team today.



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