

Production Control / Delivery

Planning and Shipping Release

830 Planning Schedule

The 830 Planning Schedule provides each supplier with six (6) months of forecast information. The planning schedule is a tool to be utilized by suppliers for their production and capacity planning. Shipments are not authorized from the 830 Planning Schedule.

Currently, the 830 Planning Schedule is transmitted on a weekly basis and is available on Monday evening. In the event Monday is an Astemo holiday the schedule will be delayed by one day. Each transmission of the 830 Planning Schedule will override (replace) the prior 830 Planning Schedule.

The 830 Planning Schedule will contain authorization for Fabrication of a product and authorization for the purchase of Material to fabricate a product. The Fabrication Authorization will be represented by a cumulative quantity including cumulative quantity received and all current requirements within the fabrication lead-time window. Fabrication authorization is authorization for parts to be built to be shipped against a future delivery order number (DON). Suppliers should build to the Fabrication Authorization to be able to meet Astemo's shipping requirements. Astemo will be responsible for purchasing parts inside the Fabrication Authorization time period.

The Material Authorization will be represented by a cumulative quantity including cumulative quantity received and all current requirements within the material purchasing lead-time window. Material Authorization is authorization for the purchase of material. Astemo is authorizing the supplier to procure material for quantities inside the Material Authorization time frame.

Suppliers should carefully review their releases and use the Fabrication Authorization and Material Authorization quantities to plan their production and procurement requirements in advance of receipt of shipping order.

PHASE-OUT PARTS WILL BE INDICATED ON THE PLANNING SCHEDULE AS A BALANCE OUT PART. This may not be a final release but notification of phase out. The recipient of the release should have a clear understanding of their company's software and take necessary actions to carefully manage phase out parts. Refer to Section 12 EDI – Segment PRS, “B” indicates Balance out or phase out notice.

If a supplier has dead stock because of a phase out and they feel (ASTEMO)AM is responsible they must file a claim within 30 days of the phase out with their Production Control contact person.

Segment: **LIN** Item Identification

Position: 010

Loop: LIN Mandatory

Level: Detail:

Data Element Summary

<u>Ref Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
LIN09	234	Product/Service ID - Engineering Change Level	X AN 1/48

It is the supplier's responsibility to ensure component parts shipped to Astemo are the correct revision level.

Each supplier's format varies based on their software, so the below example may not be indicative of the actual release.

Example

Part No. GEXXXXXX X
Blanket Purchase Order No. B12345
Cum Received 500 pcs.

9/22/08	100	D/W
9/29/08	100	D/W
10/6/08	500	D/M
11/1/08	500	D/M
12/1/08	600	D/M
1/1/09	500	D/M
2/1/09	500	D/M
3/1/09	600	D/M

Fabrication Cum 1,300 pcs.
Material Cum 1,800 pcs.

Type D = Planned
Order

The 830 Planning Schedule example identifies the planned production schedule for the next six (6) months. The period identified as the shipping lead-time will be presented in weekly form, with the remaining schedule being reflected in monthly schedules. The first monthly planning number will be reflective of the remaining balance for that month not covered by the weekly requirements. The planning schedule identifies the part number and the blanket order number, as well as the total (cumulative) receipts against the blanket order. The planning schedule will also authorize the fabrication and material cumulates. These numbers will authorize the production and ordering of material for production. The cumulative quantity will be inclusive of parts received by Astemo Americas, Inc., and calculated based on the appropriate lead-times by accumulating planning quantities through the appropriate date.

862 Shipping Schedule

The 862 Shipping Schedule contains weekly requirements that represent a firm delivery order with identifying dates and quantities. Delivery order numbers will be issued for each shipping schedule. The dates identified within the 862 Shipping Schedule represent delivery dates

(date due at Astemo Americas, Inc.). Regardless of purchasing/shipping term the dates on the 862 reflect date parts are due for delivery at (ASTEMO)AM.

Each transmission of the 862 Shipping Schedule will override (replace) the prior 862 Shipping Schedule.

The 862 Shipping Schedule will be released in standard pack quantities. It is the supplier's responsibility to advise Production Control of the correct order multiple. Phase out parts will be an exception and will be released in as needed quantities.

All questions and concerns regarding shipping schedules and lead time should be directed to your Production Control Planner.

Example

Part No. GEXXXXXX X
Blanket Purchase Order No. B12345-00
Cum Received 1,000 pcs.

Type C = Firm Order

The 862 Shipping Schedule example represents the firm delivery order. Referenced are the blanket order number, part number and quantity received by Astemo Americas, Inc. The dates and quantities indicate what the supplier is authorized to ship to Astemo Americas, Inc. These parts should be shipped against the delivery order number.

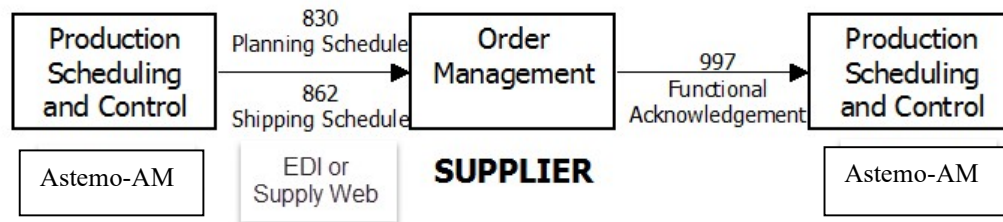
Note: Cumulative (Cum) received is the actual receipts of all parts at Astemo Americas, Inc. and does not include any shipments in-transit. Therefore, it is the supplier's responsibility to adjust the requirements by the amount in-transit. The amount in-transit can be calculated by taking the Cum received at Astemo Americas, Inc. and comparing it to the Cum shipped from the supplier's location. The difference represents the in-transit quantity. Therefore, it is imperative that cum be tracked and any differences or disputes be reconciled as they occur.

! 48 hours maximum for discrepancy resolution.

! The Cum quantity will never decrease. When parts are Returned to Vendor (RTV), the quantity will not be subtracted from the Cum. If the RTV parts can be reworked and sent back to (ASTEMO)AM, this quantity will be added again to the Cum.

! Cums are reset each April.

Procedure to Send Release to Suppliers



997 Functional Acknowledgment

The 997 Functional Acknowledgements will be used to acknowledge the receipt of transaction sets. The 997 Functional Acknowledgments is only a syntactical check of the data; it will not verify data content.

For Supply Web suppliers the functional acknowledgement is generated by logging in to Supply Web. Supplier must log in to generate the acknowledgement. Any questions regarding Supply Web please access the training links section.

All transaction sets must be acknowledged within a (24) hour window of receipt. Non-compliance will affect the supplier's delivery rating.

864 Text Document

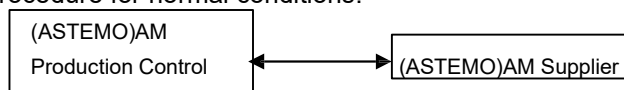
The 864 Text Document will be used in an informational capacity only. Text will NOT be used to convey any information found in the other EDI Documents

Examples of types of information to be found in a text document are as follows:

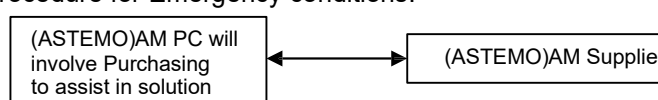
- ! Plant closings
- ! Holidays
- ! Contact names & numbers
- ! EDI Testing Schedules (future)
- ! EDI Implementation Schedules (future)

Two Way Communication Between (ASTEMO)AM & Supplier Regarding Delivery

- Procedure for normal conditions:



- Procedure for Emergency conditions:



- It is very important for new suppliers to meet with (ASTEMO)AM PC Contact person(s). Order multiplies need to be established so that Purchase Orders generated by PC department will be issued in correct shipping quantities. The shipping point is needed to determine the correct shipping method and transit time.

Supplier Rating – Delivery

Supplier Delivery Tracking Report is used to track on-time delivery performance of all Astemo Americas, Inc. suppliers. The rating is determined by comparing actual receipts to the 862 Shipping Schedule. Receipts are tracked and rated as early, on time or late. The received date and received quantity must match the 862 Shipping Schedule to be rated on time. The total number of receipts is divided by the number of on-time deliveries to calculate the on-time percentage. **To achieve on time, means zero days late and zero days early.**

The monthly Supplier Delivery Tracking Report provides details of each delivery for the month. The Supplier Delivery Tracking Report is posted on Astemo's website, <https://www.am.astemo.com/supplier-portal/supplier-handbook>, the (ASTEMO)AM supplier code and supplier password are required to access the report. Please contact am-purchasingsupport@hitachiastemo.com (After October 1st 2025 use am-purchasingsupport@astemo.com) for this information. Monthly ratings are also published and reviewed with in Astemo. This report gives details of each drawing number and delivery order number and a rating for each section code and total vendor rating. (ASTEMO)AM selects trucking company so supplier is not held responsible for late/early deliveries if parts left supplier within trucking service days. (See Transportation/Logistics Section 8.) Any discrepancies in the Delivery Tracking Report must be reported to PC department planner at once. Discrepancies not reported within one month cannot be reviewed. It is the supplier's responsibility to notify PC department planner of any problems.

PC is also responsible for Fiscal Year (April-March) delivery ratings and is awarded up to 40 points within certain categories such as Delivery, Premium Freight Occurrences, Supplier Yard Holds and Stop Ships.

(Delivery: D)

On-Time Deliveries	100% on time	> 95% on time	80-94% on time	< 80% on time
	30	25	20	0

(G)

Y=0 N=5

Supplier has not caused a customer disruption, including yard holds and stop ships that has affected deliveries to Astemo?	Y or N
	N

(I)

Premium Freight Occurrences	Zero	1 +	Actual # if 1+
	5	0	0

(H)

G		
0		
H		
5		
I		
5		
	G+H	10.0
		(40)

QTR	PO's Submitted	Late	Early	On-Time	On-Time %
Q1 2025	16	11	5	-	0.0%
Q4 2024	8	2	5	1	13%
Q3 2024	14	14	-	-	0%
Q2 2024	16	2	3	11	69%
FY TTL	54	29	13	25	46%

Scores below 80% are considered failing scores and will equal zero points. A Delivery Report has been included with these results as well.
For questions regarding Delivery scores contact your Astemo PC&L Representative for further details.

Supply Web training – for any questions regarding Supply Web please access the training section.

OBJECTIVE:

1. Sufficient inventory to keep production line running.
2. All suppliers to maintain an acceptable delivery rating (>90%).
3. E.D.I. capable / Supply Web

PLAN:

Review all suppliers with ratings below acceptable level.

METHODS:

Identify suppliers with delivery issues. Suppliers with unacceptable ratings may not be considered for new business.

ACTION TAKEN:

1. Advise supplier of Monthly Delivery Performance so they can:
 - a) Evaluate their delivery
 - b) Determine what they need to do to improve.
2. P.C. member will work with supplier on delivery improvement by:
 - a) Documenting steps taken with notes, phone logs, faxes etc.
 - b) Will target 30 days for improvement.
3. May issue C.A.R.D. (Corrective Action Request-Delivery).
 - a) Supplier provides Recovery Schedule (ship schedule) within 24 hrs.
 - b) Supplier provides Cause and Countermeasure within 7 days.
 - c) Evaluate effectiveness of C.A.R.D.
4. If C.A.R.D is not effective, and production/customer line is threatened then:
 - a) Escalate issue to upper management within (ASTEMO)AM.
 - b) Schedule an emergency meeting with the supplier.

Kanban Guidelines

- ! Kanban suppliers will receive an 830 Planning Schedule as stated in the Planning and Shipping Release Section.
- ! PC Planner will complete Kanban pull per agreement with each supplier. If parts are needed then PC Planner will issue a Purchase Order for quantity needed. PC Planner will then transmit orders by EDI , Supply Web and/or email.
- ! Supplier is responsible to advise PC immediately of any potential shortages.

Training Links

https://supplyweb.hitachi-automotive.us/supplyWeb/tutorial/index.html		
https://supplyweb.hitachi-automotive.us/supplyWeb/ics_files/SupplierDemand.wmv		
https://supplyweb.hitachi-automotive.us/supplyWeb/ics_files/SupplierTrainingPreferences.wmv		
https://supplyweb.hitachi-automotive.us/supplyWeb/ics_files/ShipmentandASN.wmv		
https://supplyweb.hitachi-automotive.us/supplyWeb/ics_files/IntegrationOptions.wmv		

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