Parking and Fleet Hard Case, Headlamp
Order Form Instructions

Incomplete forms may cause delays in processing your order! If you need assistance, please contact your order administration representive.

Overview

These instructions provide definitions of unfamiliar terms, explain the importance of supplying reader information, and help with understanding any standard and non-standard features of your tag. The accompanying tag order form is new so please take the time to review these instructions fully before preparing your order.

Tab between fields and type the requested information, make a selection from the drop-down menu, or mark the checkbox.

Terms Used in Tag Ordering and Programming

ASCII	American Standard Code for Information Interchange. A standard that identifies letters, numbers, and various symbols by code numbers for exchanging data between different computer systems.
ATA	American Trucking Association. ATA is a read-only protocol commonly used in transportation markets and consists of a formatted ASCII string containing either 10 ASCII characters (half frame tag) or 20 ASCII characters (full frame tag).
Customer ID	This number is normally the ID as specified by the customer and can be printed on or etched into the tag as the ASCII authority code and ID (ATA tags), or as the Wiegand facility code and ID (Wiegand tags).
Dominant	This refers to protocol dominance, which is the initial protocol that the tag will respond to when interrogated by a reader. For example, an ATA-dominant tag means that it will first respond in ATA mode upon activation. The choices are ATA or SeGo.
eGo	Communications protocol used on a tag compliant with the American National Standards Institute (ANSI) National Committee for Information Technology Standards (NCITS) 256-2001 and the International Organization for Standardization (ISO) 18000-6 standards. eGo is a TransCore tag technology brand name
Facility Code	For Wiegand tags, the facility code designates the site number of a specific customer location and is customer specified.
Full Frame	Size of Tag ID, capable up to 20 ASCII characters
Half Frame	Size of Tag ID, capable up to 10 ASCII characters

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Internal ID	Each tag has a 64-bit manufacturing identification code programmed and locked into the tag. This ID is usually not read in parking and access control applications.
Protocol	Refers to the manner in which tags and readers communicate. TransCore multiprotocol tags are capable of enabling eGo, SeGo, and/or ATA protocols.
SeGo	SeGo is a high data rate (2 x eGo data rate) read/write tag protocol. As with eGo/ATA, this protocol is compliant with ANSI NCITS 256-2001, ISO 18000-6B, and ISO 10374 standards. SeGo is a TransCore tag technology brand name
Wiegand	Wiegand is a data format commonly used in the access control community that consists of both a facility code and a Tag ID. These tags are always half-frame tags and can be programmed from 26 bits (standard) to 56 bits in length. Some commonly used Wiegand formats are Wiegand 26-bit, Cardkey 34-bit, McGann 37-bit, etc.

Tag Order Fields

Remember, you must tab from field to field. Do not use the **ENTER** key.

1. Complete the **CUSTOMER INFORMATION** fields. Be sure to select the **APPLICATION** from the drop-down list in this section. Only one application can be selected.

2. Complete the **BILL TO** information fields.

3. Complete the **SHIP TO** information fields.

4. Complete the **TAG/PROTOCOL INFORMATION** fields. You will need to complete a new form for each tag type ordered.

   A. **Quantity:** Fill in the number of tags that you want to purchase and tab to the next field. Remember, you must tab between fields, do not user the **ENTER** key.

   B. **Type:** This is a fixed field. Select the row with the tag type that you want to purchase, then tab to the

   C. **Description:** This field features drop-down menus. Click on the down arrow on the selected row to see a list of tags and options. Use your mouse to point to the item that you wish to purchase. Click once to select the item. Your choice will appear in the field.

   D. **Protocol Option(s):** Select which tag protocol you require for your system from the drop-down menu. There are four protocol options: ATA/SeGo, ATA/eGo/SeGo, eGo/SeGo, and SeGo. Remember to match your protocol option with the options located in the **FIXED READER INFORMATION** section of the form.

   E. **Dominant Option:** The dominance option configures the tag for the protocol to be expected. Select ATA if the readers are operating with ATA protocol. Select SeGo if the readers are operating with eGo or SeGo protocols. If both protocols are enabled on the reader, select SeGo. Select the protocol dominance you require for your tags from the drop-down menu.

   F. **Unit Price:** Fill in your cost for the item listed. If ordering tag quantities of less than 100 tags, MSRP + $150 setup charge applies. For the license plate, mini external, and headlamp tags, a minimum order of 50 tags is required.

   G. **Extended Price:** These fields are automatically filled in when the Quantity and Unit Price fields are populated.

5. Complete the **PROGRAMMING DATA INFORMATION** fields.

    A. Click the appropriate radial button to indicate whether you are ordering an **ASCII** programmed tag, a **Wiegand** programmed tag or a **Blank** unprogrammed tag.

PROGRAMMING DATA INFORMATION **PLEASE ANSWER ALL QUESTIONS**

Select the tag you are ordering

Programming: ASCII ⦿   Wiegand ◯   Blank ◯

    B. If selecting **ASCII** programmed tag Select either ATA Full Frame or ATA Half Frame **(a)**. Next, specify an "up to" 4-Character Prefix **(b)**, which is normally alphabetical characters, and an "up to" 10-digit starting serial number First ID **(c)**. These 2 fields **(b and c)** together must total 10 characters for a half-frame ASCII programmed tag and 20 characters for a full-frame ASCII programmed tag. You must also indicate the format of the programming of the first tag's data, showing the location of the prefix as well as the first ID with all characters used shown **(d)**. Refer to the graphic in this section for an example of an ASCII Tag Format entry.

ASCII Tag Format:
a) ASCII Format :   ATA Full Frame ◯   ATA Half Frame ◯
b) ASCII 4-Character Prefix (Authorization Code): _____
c) First ID (include preceding zeros): _____
d) Programming: Fill in text fields with numbers, letters, or blank spaces.
e) Total digits (including spaces):

    i. Half Frame _____ **OR**
    ii. Full Frame _____

    C. If selecting **Wiegand** programming you can select the name (e.g., Wiegand 26-bit) from the drop-down menu, and enter the Wiegand facility code and the first ID number.

Wiegand Tag Format (Do not enter Wiegand format data if using Full-Frame Tag)
a) Wiegand Format Name: SELECT ONE ▾
b) Facility Code: _____
c) First ID: _____

6. **BARCODE LABEL PRINT INFORMATION:** Click the checkbox to select the Customer ID or the SeGo ID. Please note that the barcode must contain one of these two options.

7. **FIXED READER INFORMATION:** It is imperative you provide the correct reader information for ALL readers at every site where the tags are to be used. The tag order form accommodates listing multiple readers and provides space to list the reader type, serial number, and part number for each reader. Tags are custom programmed and non-returnable. If the tags ordered are not compatible due to the missing or incorrect reader information, new tags will need to be purchased by the customer.
The reader information may be found on the label on the back of the reader. If the label is faded to the point that the information is indiscernible or if the reader is placed in a location where you are physically unable to access it, contact your Sales Representative for assistance.

8. **PREVIOUS PURCHASE ORDER:** Please enter the purchase order that pertains to this installation's configuration.

9. **COMMENTS / END-USER NAME & LOCATION:** Enter the end user name and location. Use this space for any additional information pertaining to your order.

10. **AUTHORIZED NAME ON PURCHASE ORDER:** Please enter the authorized purchaser name.

11. **AUTHORIZED SIGNATURE.** Remember to sign the form or enter authorized party's e-mail address before submitting form to TransCore.

12. **DATE.** Enter the current date.

Submit the completed form by e-mail to orderentrybox@transcore.com. You may also use this email address to submit any questions or comments that you may have about your order.