### SERVICE BULLETIN

# 

Date:	12 March 2009
Service Bulletin:	TT503
Subject:	ARB Equipment Registration (ARBER) Model and Engine Information
SharePoint Info Central:	This bulletin is available on SharePoint Info Central\ Bulletins\Service Bulletins

**TT503** 

#### Summary

The purpose of this bulletin is to assist anyone required to fill out the ARB, TRU form find the required model and engine information.

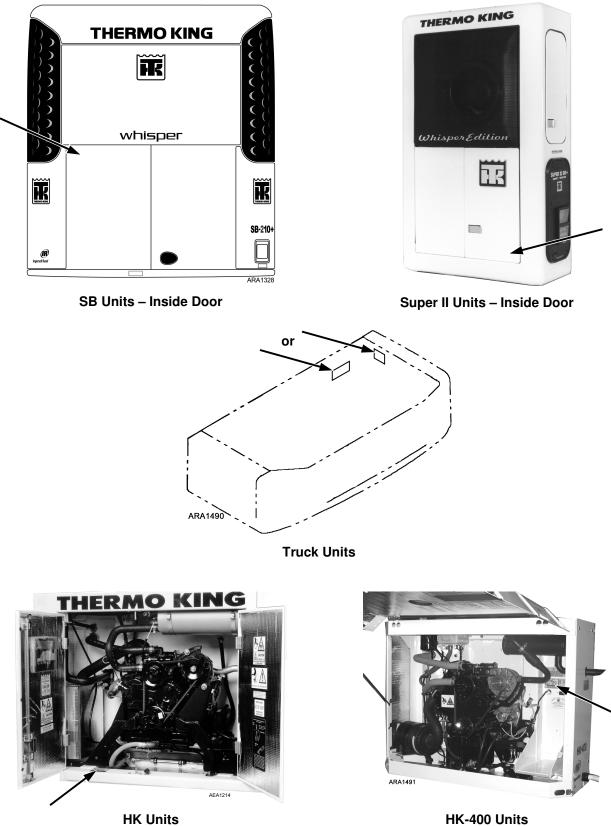
# NOTE: CARB allows a TRU to have an engine that was manufactured up to one year before the TRU was manufactured. See advisory 08-01.

https://ww2.arb.ca.gov/sites/default/files/2022-09/advisory\_08\_01.pdf

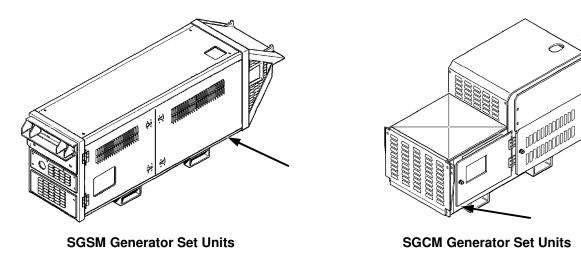
#### STEP 1: Identify the Unit

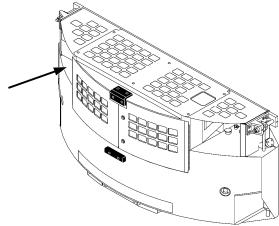
Locate the TRU/TRU Generator Set Unit Serial Number Plate.

SERIAL NO. 6001000002 ITEM 920378M*543253 DESC SYSTEM SB-210 30 BASE TIER 2 REF R404A WT 13 VOLTS 12 VDC PHASE AMPS CYCLES Unit Id 0866CE000002
IDA/SDA Code IL Mfg 00638 Ciales, Puerto Rico THERMO KING CORPORATION



HK-400 Units





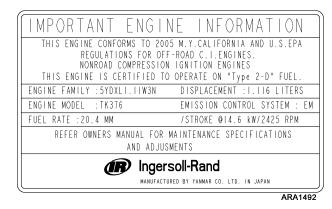
SGCO Generator Set Units

#### **STEP 2: Identify the Engine**

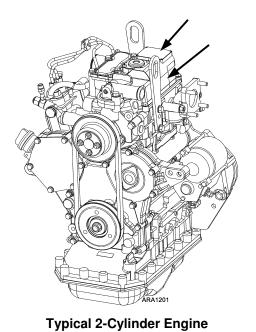
Locate the Engine Serial Number Nameplate and the Engine Emissions Label.

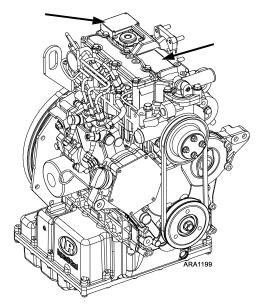
MODEL	ТКЗ76
ENGINE NO	xxxxxx
	Ingersoll-Rand DIESEL ENGINE
	URED BY YANMAR CO LTD

**Typical Engine Serial Number Nameplate** 

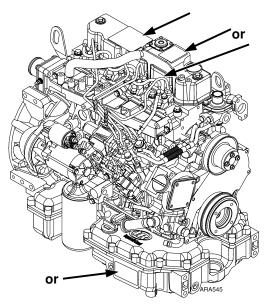


**Typical Engine Emissions Label** 





Typical 3-Cylinder Engine



**Typical 4-Cylinder Engine** 

4

#### STEP 3: Fill Out the Form

## TRANSPORT REFRIGERATION UNIT ATCM MODEL-ENGINE-COMPLIANCE INFORMATION FORM

https://ww2.arb.ca.gov/resources/documents/ttdftb-030-tru-atcm-model-engine-compliance-information-form

Enter the TRU/TRU Generator Set information from Old Style Serial Number Plate. (See next page for New Style Serial Number Plate.)

TRU/TRU Generator Set Unit Information *indicates requirement   Provide TRU/TRU Generator Set unit information here. Do not provide engine information on this page. The end must be entered on the compliance information page (page 3 of this form).					
TRU/TRU Generator Set Unit Type*					
TRU/TRU Generator Set Unit Manufacturer* Thermo King					
TRU/TRU Generator Set Unit Model*					
TRU/TRU Generator Set Unit Model Year*					
TRU/TRU Generator Set Unit Serial Number*					
TRU/TRU Generator Set Unit ID					
Third Digit in Serial Number is Mode	el Year				
MODEL <u>SB-310 30 TIER 2</u> B/M NO. 920381 SERIAL NO. <u>07 6CJ6116</u> REF.R404A WT 016.0 LB. VOLTS 000 AMPS 00 PHASE 0 CYC 00 WWW.WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW					

\_

TRU/TRU Generator Set Unit Information *indicates required field   Provide TRU/TRU Generator Set unit information here. Do not provide engine information on this page. The engi must be entered on the compliance information page (page 3 of this form).					
TRU/TRU Generator Set Unit Type*					
TRU/TRU Generator Set Unit Manufacturer* Thermo King					
TRU/TRU Generator Set Unit Model*					
TRU/TRU Generator Set Unit Model Year*					
TRU/TRU Generator Set Unit Serial Number*					
TRU/TRU Generator Set Unit ID					
Third Digit in Unit ID is Model Year					
SERIAL NO. 600100002 DESC SYSTEM SB-210 30 BASE TIER 2 REF R404A WT 13 PHASE AMPS Unit Id 08 6CE000002 Unit Id 08 6CE000002 UNIT Id 08 6CE000002 MFg 00638 Chales, Puerto Rhoo THERMO KING CORPORATION					

New Style Serial Number Plate

	4-Cylinder Engines	2 and 3-Cylinder Engines		
TRU Engine Information (all fields required)		<25HP (<19kW)		
TRU Engine Manufacturer Yanmar		≥25HP (≥19kW)		
TRU Engine Model	TRU Engine Mode	l Year		
TRU Engine Serial Number		_/		
MODEL TK376   ENGINE NO XXXXX   Ingersoll-Rand   DIESEL ENGINE   MANUFACTURED BY YANMAR CO LTD   IN JAPAN   ARA1127				
I IMPORIANI ENGINE I	NFORMA			
THIS ENGINE CONFORMS TO 2005 M.Y.C	CALIFORNIA AND	U.S.EPA		
REGULATIONS FOR OFF-ROAD ( NONROAD COMPRESSION IGNIT	C.I.ENGINES. ION ENGINES			
THIS ENGINE IS CERTIFIED TO OPERAT	TE ON "Type 2-	·D" FUEL.		
ENGINE FAMILY : 5YDXLI.IIW3N DISP	LACEMENT : I.I	16 LITERS		
ENGINE MODEL : TK376 EMIS	SION CONTROL S	SYSTEM : EM		
FUEL RATE : 20.4 MM /STR	OKE @I4.6 kW/2	2425 RPM		
REFER OWNERS MANUAL FOR MAINTEN	IANCE SPECIFIC	ATIONS		
AND ADJUSMENTS				
MANUFACTURED BY YANMAR CO. LTD. IN JAPAN				

#### **Typical Engine Emissions Label**

NOTE: CARB allows a TRU to have an engine that was manufactured up to one year before the TRU was manufactured. See advisory 08-01. https://ww2.arb.ca.gov/sites/default/files/2022-09/advisory\_08\_01.pdf