

Appendix A. RPSTL User Instructions

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Introduction

RPSTL is the Repair Parts and Special Tools List program for TED. Detailed in the following sections are instructions on how to search, display and report on the TM9-2835-255-34P (turbine engine), TM9-2520-276-34P (transmission) and TM9-2350-264-24P1 (accessories).

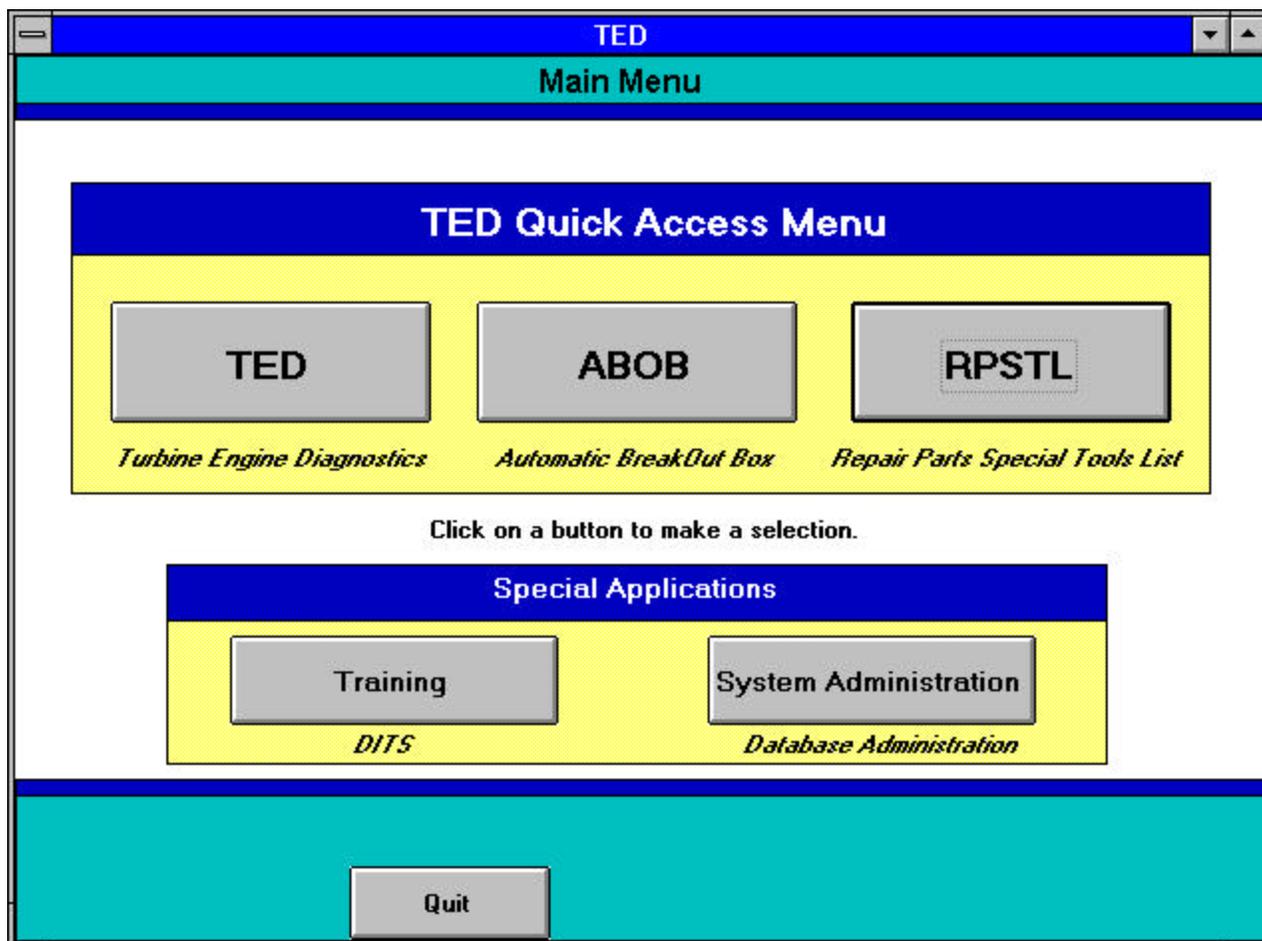


Figure A1. TED Quick Access Menu

The RPSTL program is begun by selecting the RPSTL button from the TED Quick Access Screen shown in Figure A1.

RPSTL Main Menu

The opening screen displayed by RPSTL is shown in Figure A2. From this screen the user can select either one of two search methods (TM Lookup or **Data Lookup**) or Administrative routines (**Administration**).

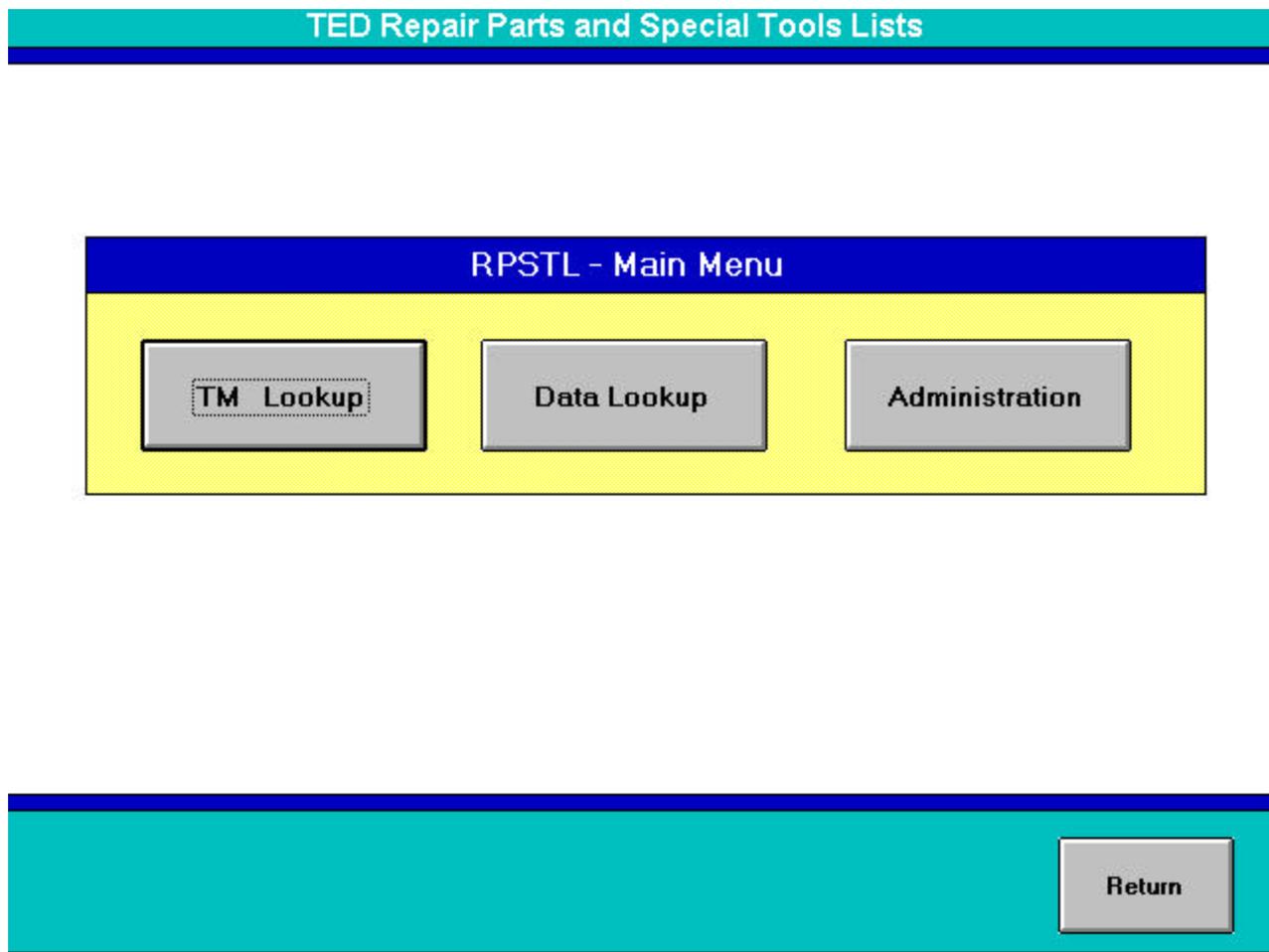


Figure A2. RPSTL Main Menu

TM Lookup The TM Lookup button permits the user a fast method to display and then interrogate selected subsystems from each of the three TM's.

Data Lookup The Data Lookup button searches the TMS using a given part number, NSN or nomenclature and displays its associated figure.

Administration The Administration button supports general report and database upkeeping routines.

TM Selection Menu

Following the selection of the TM Lookup button from the RPSTL - Main Menu, the TM Selection Screen is displayed, Figure A3. This screen narrows the search to a particular TM.

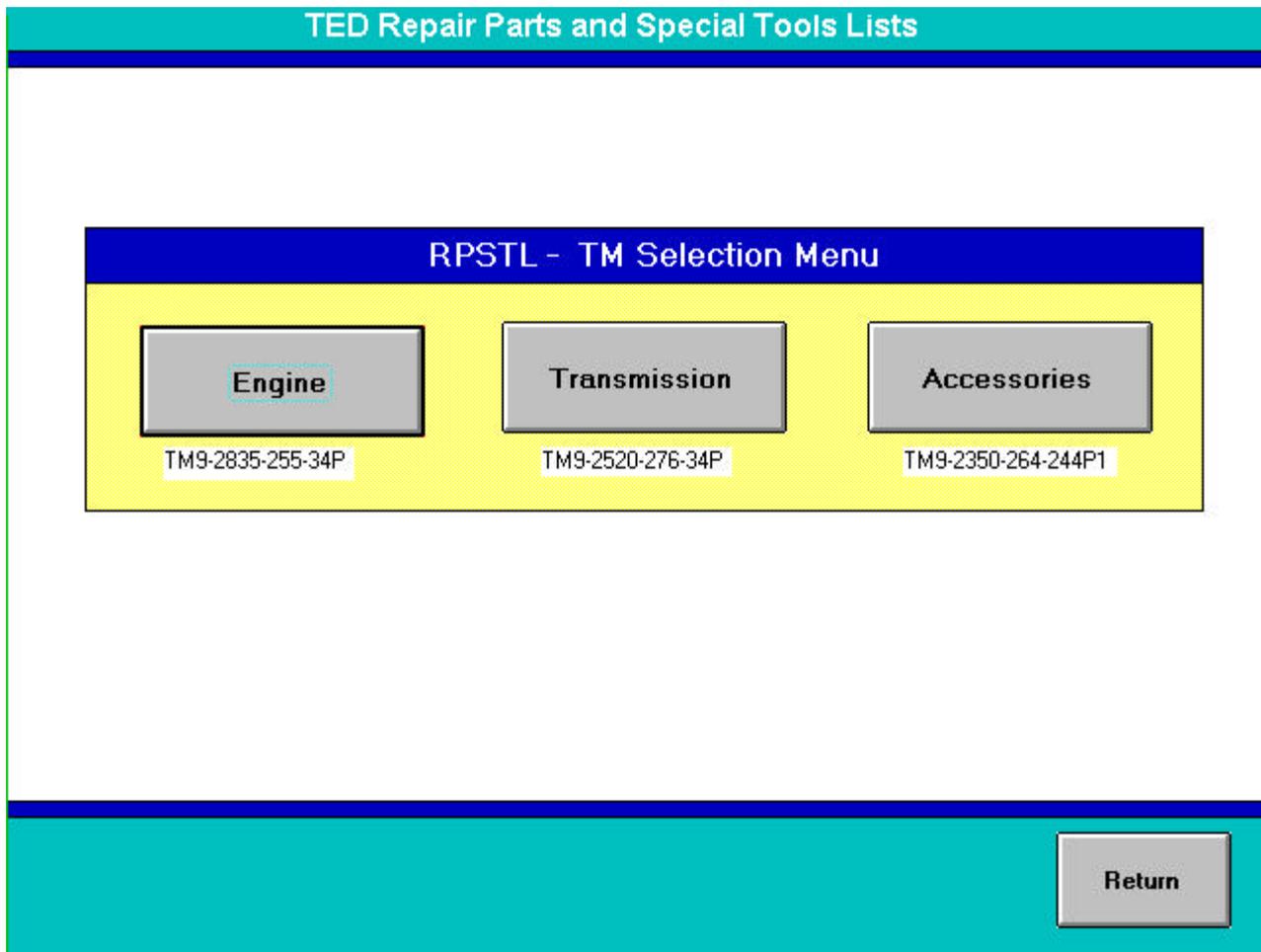


Figure A3. TM Selection Menu

Engine Focus search on TM9-2835-255-34P (turbine engine)

Transmission Focus search on TM9-2520-276-34P (transmission) ** Currently under development

Accessories Focus search on TM9-2350-264-24P-1 (accessories) ** Currently under development

Typical Subsystem Selection

For each major subsystem an associate menu of subsystems can be displayed. Shown in Figure A4 is the subsystem selection screen for the Engine TM. Selecting a subsystem will display a list of available figures for that subsystem.

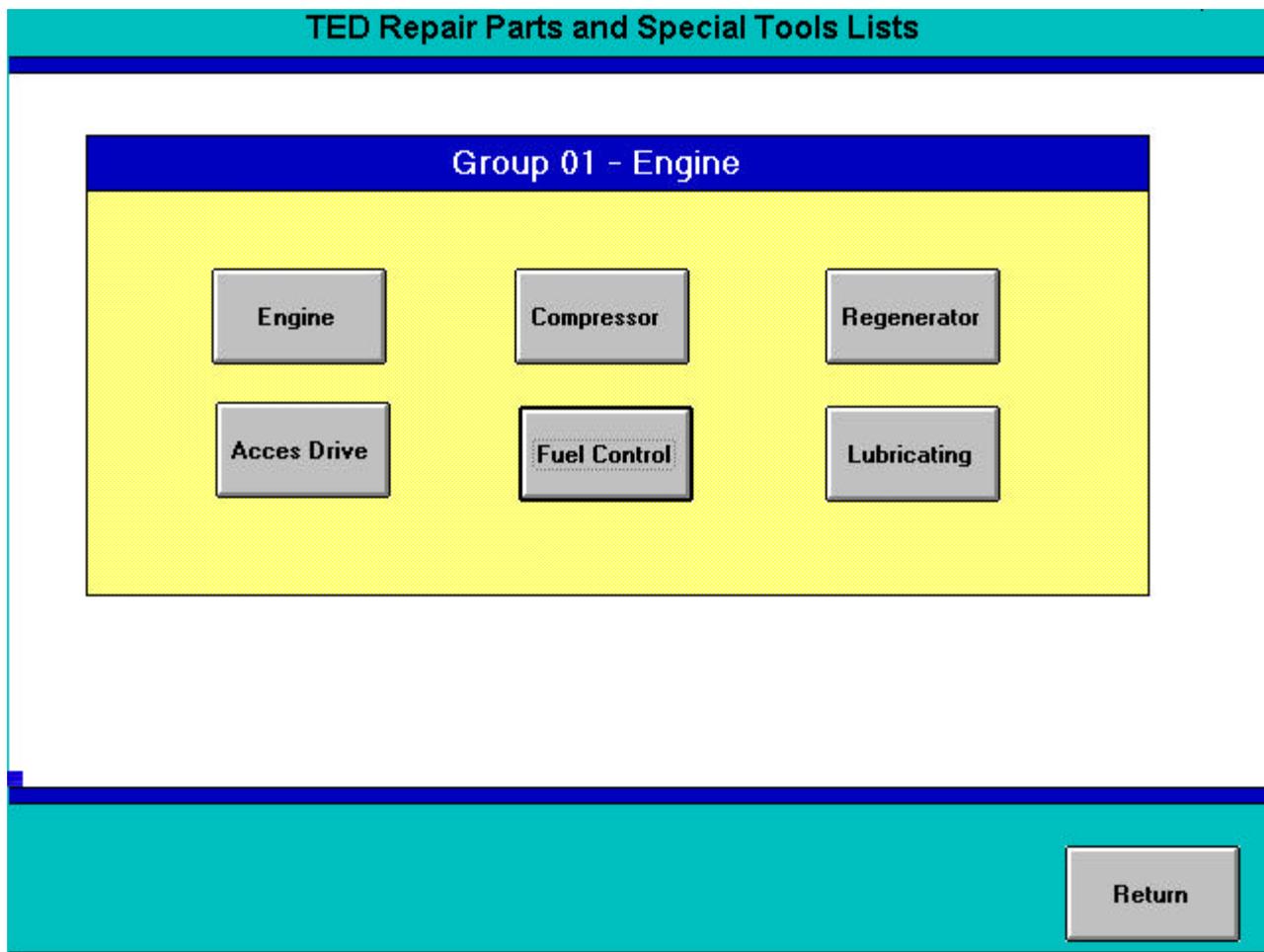


Figure A4. Engine Subsystem Selection

Engine Focus search on Engine Assembly and display available pictures.

Compressor Focus search on Compress Assembly and display available pictures.

Regenerator Focus search on Regenerator Assembly and display available pictures.

Access Drive Focus search on Accessory Drive Assembly and display available pictures.

Fuel Control Focus search on Fuel Control Assembly and display available pictures.

Lubricating Focus search on Lubricating System and display available pictures.

Typical Figure Selection Screen

For each major subsystem an associated list of available figures can be displayed. Shown in figure A5 is a typical example showing the available figures for the compressor assembly. To select a figure: 1) highlight an appropriate line and 2) click on the select button.

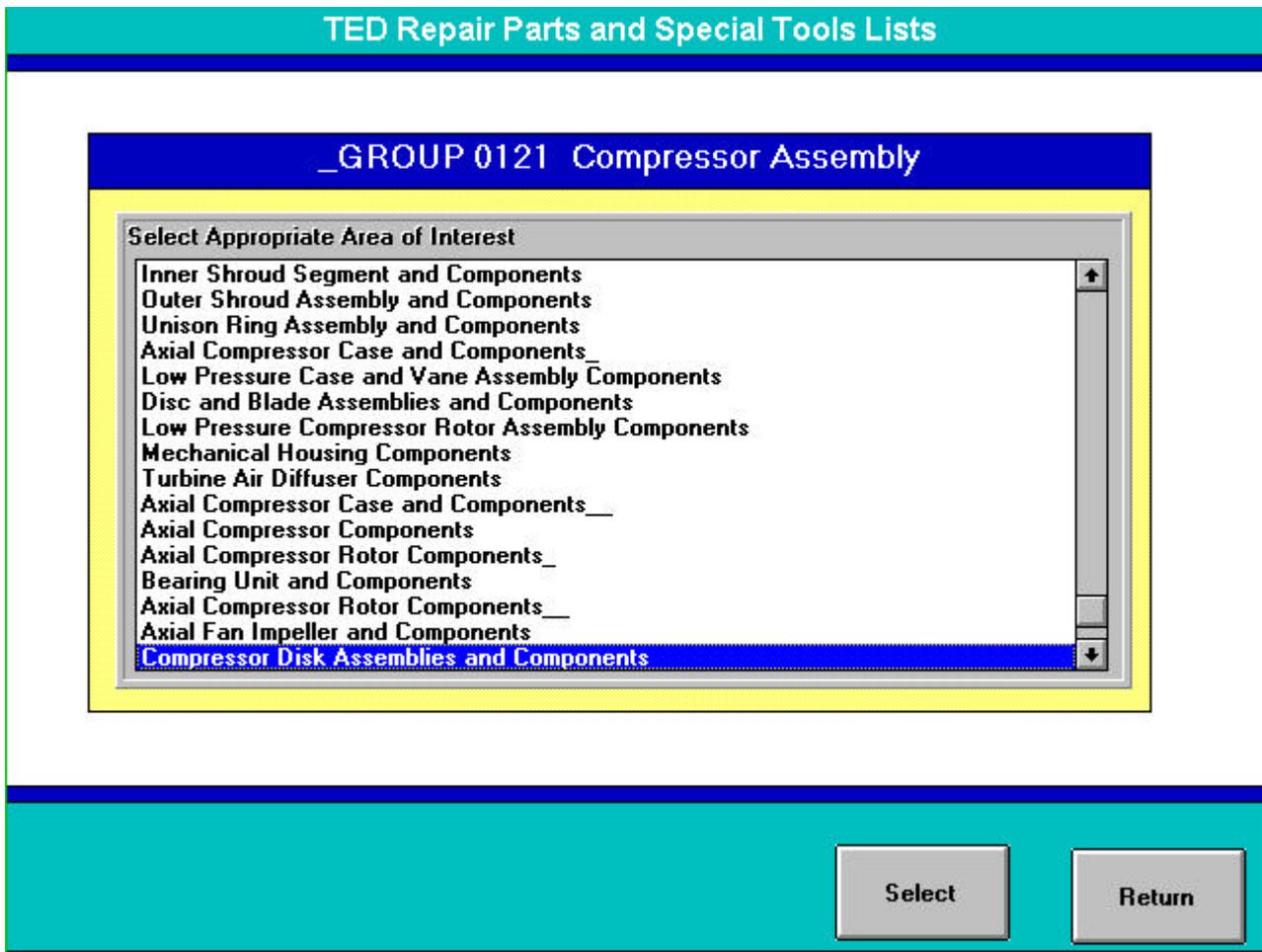


Figure A5. Typical Figure Selection Screen

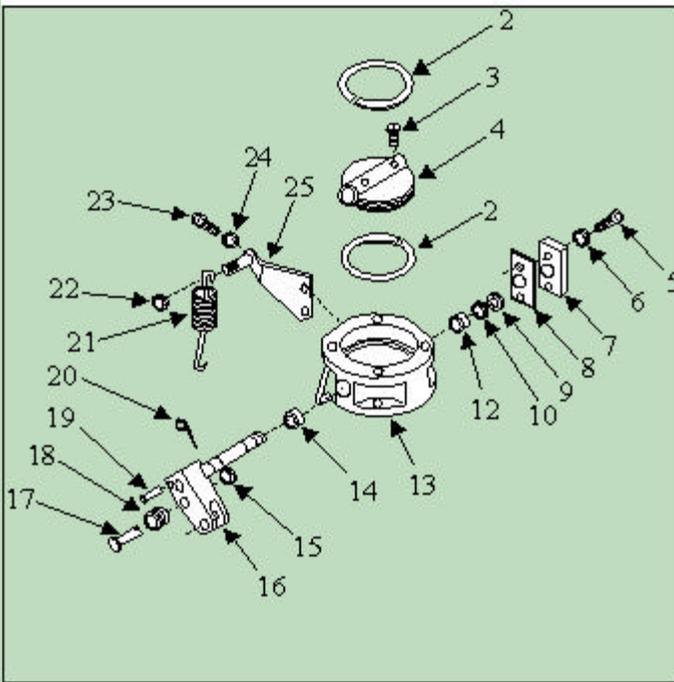
Select Display the highlight selection.

Return Return to previous screen.

Typical Ordering Form

Displayed in Figure A6 is a typical ordering selection form. For each figure, its associated list of parts is listed on the right side. Items are selected by buttoning the particular order box.

TED Repair Parts and Special Tools Lists



item	order	partname	qty
01	<input type="checkbox"/>	VALVE,BUTTERFLY	1
02	<input type="checkbox"/>	_RING,PISTON	2
03	<input type="checkbox"/>	_SCREW,MACHINE	2
04	<input type="checkbox"/>	_VALVE,BUTTERFLY	1
05	<input type="checkbox"/>	_BOLT,MACHINE	2
06	<input type="checkbox"/>	_WASHER,LOCK	2
07	<input type="checkbox"/>	_COVER,ACCESS	1
08	<input type="checkbox"/>	_GASKET	1
09	<input type="checkbox"/>	_RING,RETAINING	1
10	<input type="checkbox"/>	_WASHER,FLAT	1
11	<input type="checkbox"/>	_HOUSING ASSY VALVE	1
12	<input type="checkbox"/>	BUSHING,SLEEVE	1
13	<input type="checkbox"/>	HOUSING	1
14	<input type="checkbox"/>	BEARING,SLEEVE	1
15	<input type="checkbox"/>	_WASHER,FLAT	2
16	<input type="checkbox"/>	_LEVER,REMOTE CONTROL	1
17	<input type="checkbox"/>	_PIN,STRAIGHT,HEADED	1
18	<input type="checkbox"/>	_RETAINER,NUT AND BOLT	1
19	<input type="checkbox"/>	_PIN,SPRING	1
20	<input type="checkbox"/>	_PIN,COTTER	1

C:\TED\RPSTL\META\eng\fig21.wmf

display

Clear

Return

Figure A6. Typical Ordering Form

Display Display a list of items selected.

Clear Clear the items selected.

Return Return to previous screen.

Typical Display Screen

TED Repair Parts and Special Tools Lists							
Technical Manual Number: TM9-2835-255-34P				Work Order Number:			
Fig	Item	Part-Desc	Qty	SMR	CRGEC	PartNum	NSN
21	01	VALVE,BUTTERFLY	1	PAODD	06320	3-105-750-05	4820-01-074-3662
21	07	._COVER,ACCESS	1	PADZZ	19207	12271216	5340-01-099-6318
21	14	BEARING,SLEEVE	1	PADZZ	19207	12271220	3120-01-076-4350
21	16	._LEVER,REMOTE CONTRO	1	PADZZ	19207	12302068	3040-01-099-6320

Figure A7. Typical Display Screen

Print Print selected item information to a printer.

SaveToFile Save selected item information to a file.

Return Return to previous screen.

Data Selection Menu

Following the selection of the Data Lookup button from the RPSTL - Main Menu, the Data Selection Screen is displayed, Figure A8. This screen narrows the search to either a part number, NSN or nomenclature.

The screenshot shows a web interface for selecting a query form. At the top, a teal header bar contains the text "TED Repair Parts and Special Tools Lists". Below this is a blue bar with the text "Select Query Form". The main content area has a yellow background and contains three gray buttons: "Part Number", "NSN", and "Nomenclature". The "Part Number" button is highlighted with a dashed blue border. At the bottom right, there is a gray "Return" button. The entire interface is framed by a blue border.

Figure A8. Data Selection Menu

Part Number Search Data Base on given Part Number.

NSN Number Search Data Base on given NSN Number.

Nomenclature Search Data Base on given Nomenclature.

Typical Data Search Input Screen

For each of the data search routine (part number, NSN, and nomenclature) a screen similar to figure A9 will be displayed. To search on a particular item, just enter and press OK. A list of figures containing the item will be given.

The image shows a screenshot of the RPSTL Data Lookup screen. At the top, there is a teal header bar with the text "Data Lookup Screen". Below this is a blue header bar with the text "RPSTL Data Lookup". The main area is a yellow rounded rectangle containing several input fields: "Part Number:", "NSN Number:", "Description:", and "Found in Figures:". A modal dialog box titled "Part Number Search" is overlaid on top. It has a blue title bar and a white body. Inside the dialog, there is a text input field with the prompt "Enter Part Number to search for:" and two buttons: "OK" and "Cancel". Below the dialog, there is a teal footer bar containing three buttons: "Display", "Search", and "Return".

Figure A9. Typical Data Search Screen

Display Displays the Order Screen where item was found.

Search Queries for another search item.

Return Returns to previous screen.

Admin Selection Menu

Following the selection of the **Administration** button from the RPSTL - Main Menu, the Admin Selection Screen is displayed, Figure A10. Administrative function include reports and database upkeeping routines.

The screenshot shows a web interface titled "TED Repair Parts and Special Tools Lists". Inside this frame, there is a sub-menu titled "Admin Select Menu" with a yellow background. This menu contains two buttons: "House Cleaning" and "Reports". At the bottom right of the main interface, there is a "Return" button.

Figure A10. Admin Selection Menu

Reports Displays a variety of report writing routines.

House Cleaning Displays database upkeep routines.

Typical Workorder Selection Form

Figure A11 show a typical Workorder selection form used in the report writer and database upkeep routines. Workorders are selected by highlighting the appropriate one and answering OK.

TED Repair Parts and Special Tools Lists

Work Order Select Form

Existing Numbers

bill1234
jcd1234
tim1234

Select a Work Order Number
by clicking on a number from
the list of existing numbers.

Selected WO Number

jcd1234

TI Header Information

Date Created: 3/29/95

Organization:

Model: M1A1 FUPP

Serial Number: 12233445

Name:

Display

Return

Figure A11. Typical Workorder Selection Form

Display Display the information in the standard "Display Screen".

Return Return to previous screen.