



an ISO 9001:2008 Registered Company

1978-81 CAMARO

CONDENSER w/ DRIER

021179

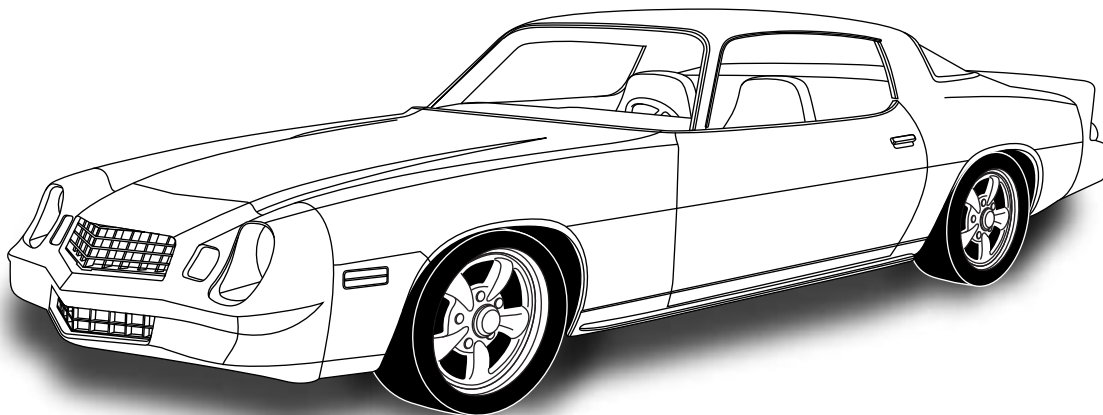




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1978-81 CAMARO

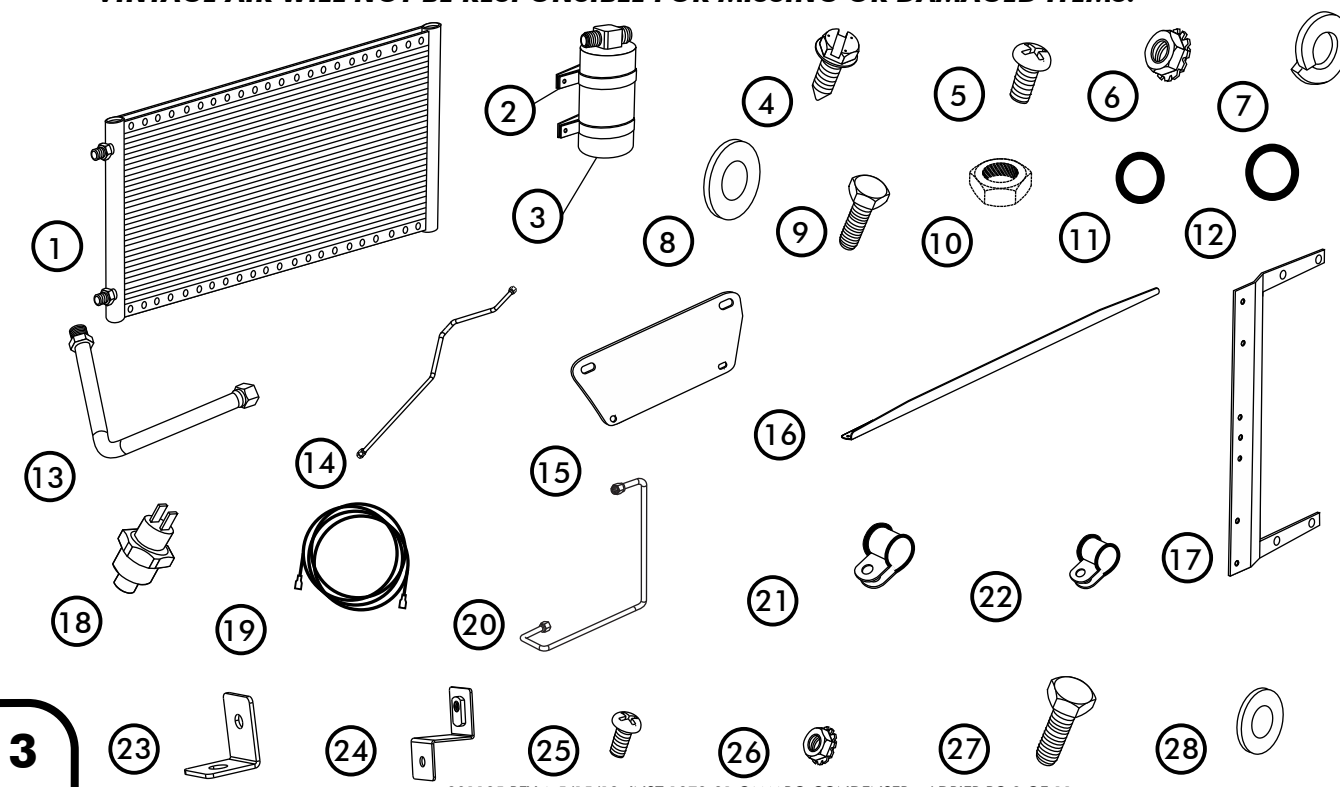
CONDENSER w/ DRIER PACKING LIST

CONDENSER KIT

021179

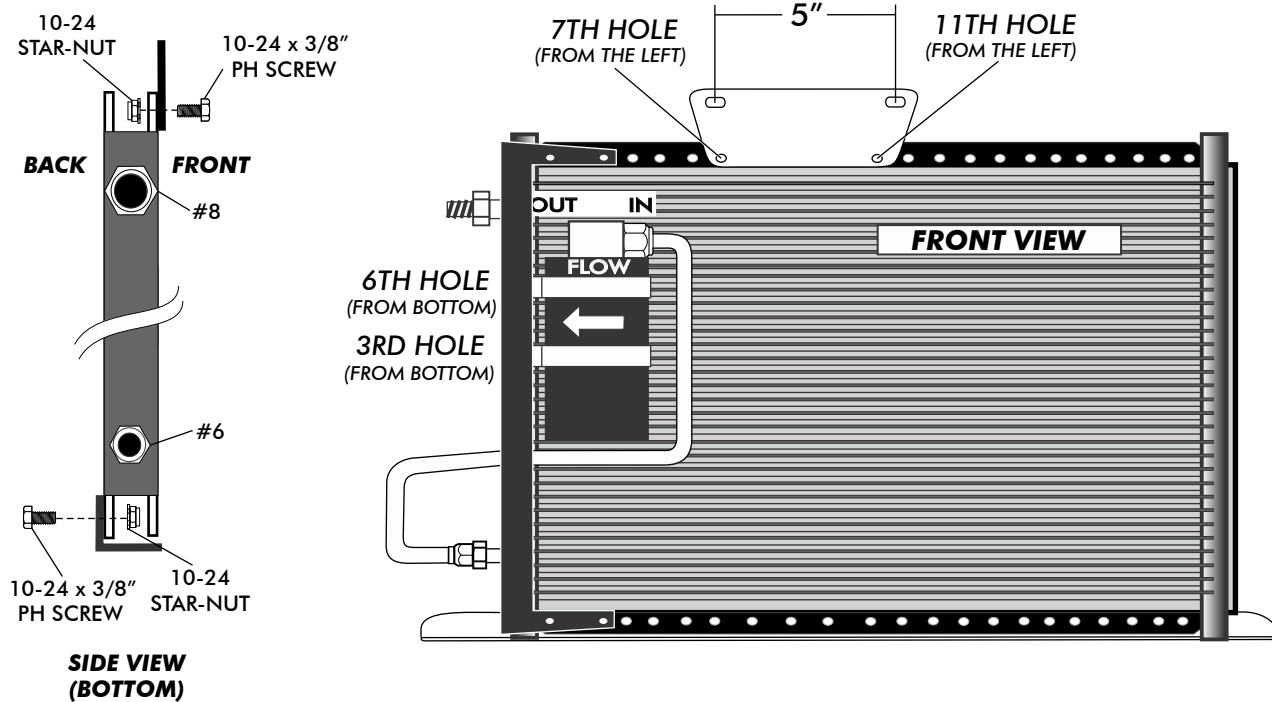
No.	QTY.	PART No.	DESCRIPTION
1.	1	03767-VUC	PARALLEL FLOW COND. 14" x 24"
2.	2	07113-VUB	DRIER CLAMP
3.	1	07321-VUC	DRIER 3/8 x 3/8" O-RING
4.	2	18247-VUB	10 x 1/2" HX SHT MTL SCREW
5.	8	18249-VUB	10-24 x 3/8" PHPS PAN MS
6.	8	18260-VUB	10-24 EXTRNL STAR WSHR NUT
7.	4	18610-VUB	5/16" LOCKWASHER
8.	4	18611-VUB	5/16" FLAT WASHER
9.	4	183009-DSR	5/16-18 x 1 1/4" HEX BOLT
10.	4	18148-VUB	5/16-18 HEX NUT
11.	3	33857-VUF	#6 O-RING
12.	1	33858-VUF	#8 O-RING
13.	1	091680	HARDLINE 78-81 CAMARO #8 COND.
14.	1	091679	HARDLINE 78-81 CAMARO #6 DRIER/CORE
15.	1	644027	BRKT. 78-81 CAMARO TOP COND.
16.	1	644075	74-81 CAMARO COND. BRKT. BOTTOM
17.	1	65998-VUB	14 3/4" UNIVERSAL DRIER BRKT.
18.	1	11079-VUS	MALE BINARY SWITCH
19.	1	23127-VUW	72" COMP. LEAD
20.	1	091675	HARDLINE 78-81 CAMARO #6 DRIER/COND.
21.	1	31603-VUD	#4 RUBBER ADEL CLAMP
22.	2	31600-VUD	#2 RUBBER ADEL CLAMP
23.	1	644022	BRKT 78-81 CAMARO #6 LIQUID LINE
24.	1	644025	BRKT 78-81 CAMARO HARDLINE ASM.
25.	2	18250-VUB	10-32 x 1/2" PHPS PAN MS
26.	2	18251-VUB	10-32 NUT w/ STAR WASHER
27.	1	18287-VUB	1/4-20 x 1/2" HEX BOLT
28.	1	18125-VUB	1/4" FLAT WASHER

**** BEFORE BEGINNING INSTALLATION OPEN ALL PACKAGES AND CHECK CONTENTS OF SHIPMENT. PLEASE REPORT ANY SHORTAGES DIRECTLY TO VINTAGE AIR WITHIN 15 DAYS. AFTER 15 DAYS, VINTAGE AIR WILL NOT BE RESPONSIBLE FOR MISSING OR DAMAGED ITEMS.**





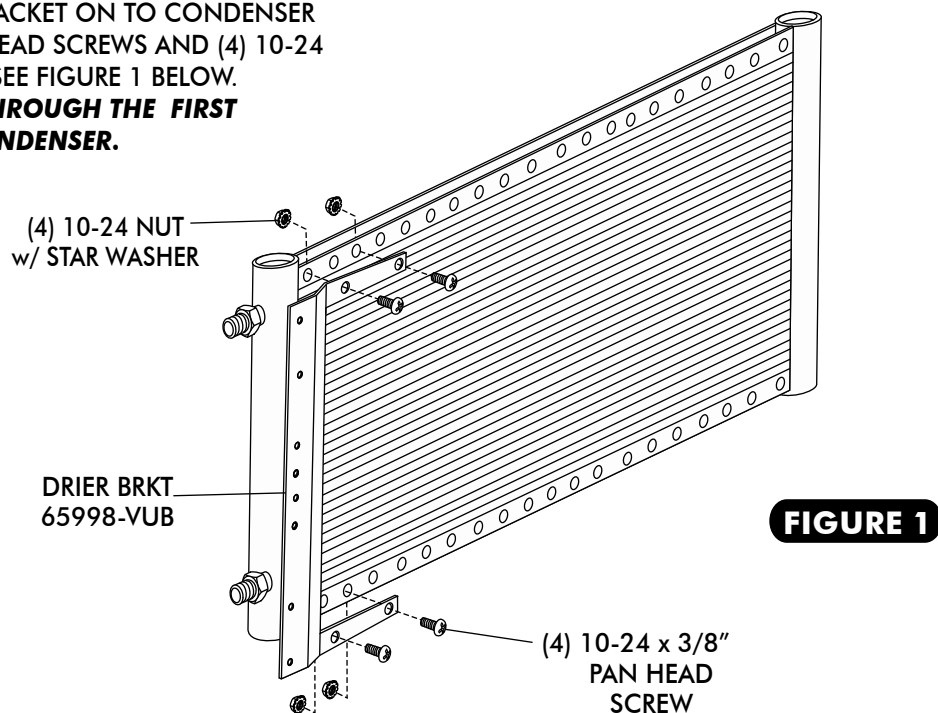
CONDENSER BRACKET INSTALLATION



ON A WORK BENCH ASSEMBLE CONDENSER AS FOLLOWS:

- INSTALL DRIER MOUNTING BRACKET ON TO CONDENSER USING (4) 10-24 x 3/8" PAN HEAD SCREWS AND (4) 10-24 NUTS WITH STAR WASHERS. SEE FIGURE 1 BELOW.

NOTE: BRACKETS MOUNT THROUGH THE FIRST AND THIRD HOLE IN THE CONDENSER.





TOP MOUNTING BRACKET INSTALLATION

- INSTALL TOP MOUNTING BRACKET ON TO CONDENSER USING (2) 10-24 x 3/8" PAN HEAD SCREWS AND (2) 10-24 NUTS WITH STAR WASHERS. SEE FIGURE 2 BELOW. **NOTE: BRACKET MOUNT THROUGH THE 7TH HOLE FROM THE LEFT SIDE OF THE CONDENSER.**

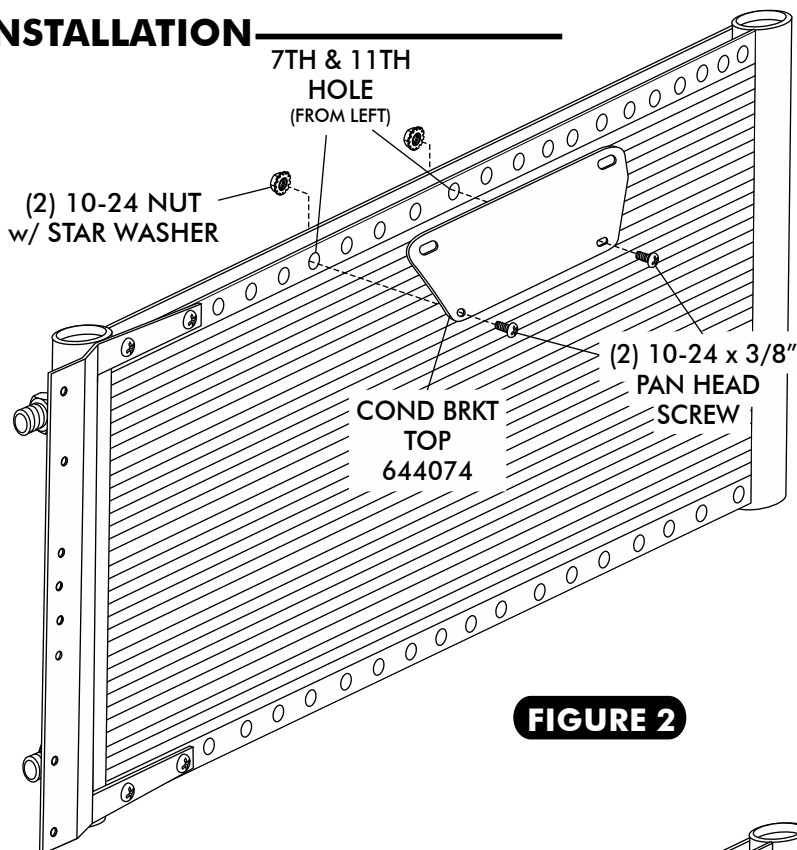


FIGURE 2

DRIER INSTALLATION

- INSTALL DRIER CLAMPS ON DRIER AS SHOWN IN FIGURE 3 BELOW.
- USING (2) #10 x 1/2" SHEETMETAL SCREWS INSTALL DRIER ON BRACKET IN THE 3RD AND 6TH HOLES FROM THE BOTTOM AS SHOWN IN FIGURE 3.

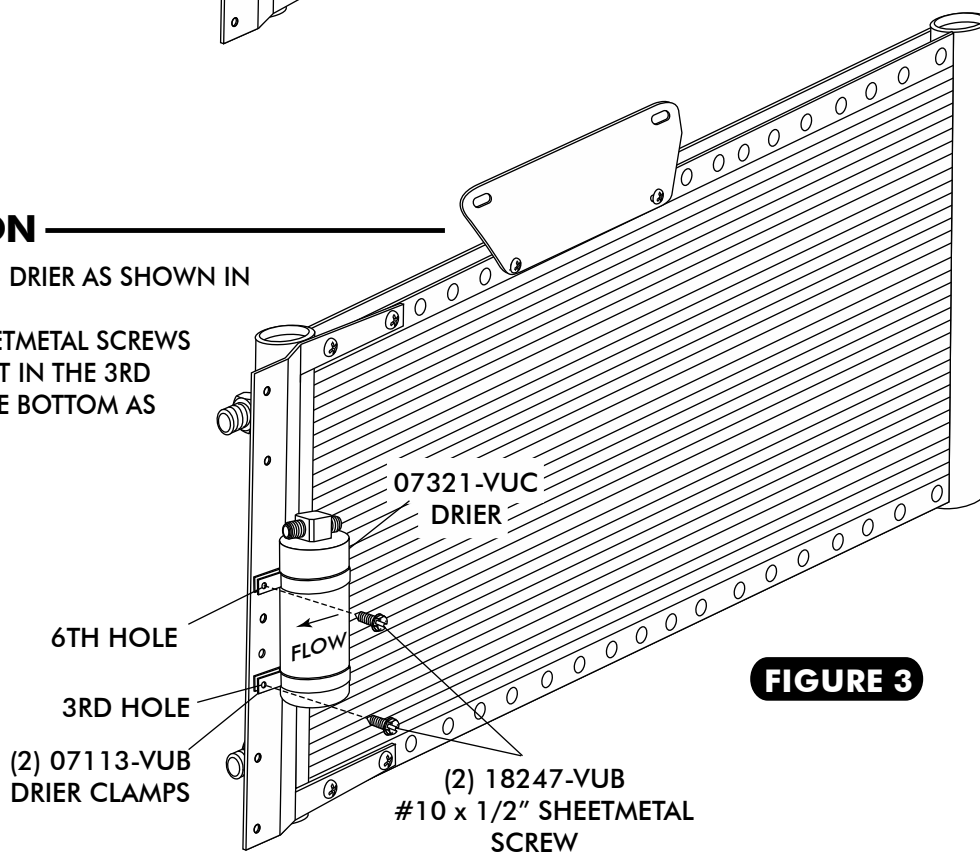


FIGURE 3



HARDLINE INSTALLATION

- ☐ LUBRICATE (2) #6 O-RINGS (SEE FIGURE 4a, BELOW) AND INSTALL THE #6 DRIER/CONDENSER HARDLINE AS SHOWN IN FIGURE 4 BELOW. TIGHTEN FITTINGS AS SHOWN IN FIGURE 4a, BELOW.
- ☐ LUBRICATE A #8 O-RING (SEE FIGURE 4a, BELOW) AND INSTALL THE #8 CONDENSER HARDLINE AS SHOWN IN FIGURE 4 BELOW. TIGHTEN FITTINGS AS SHOWN IN FIGURE 4a, BELOW.

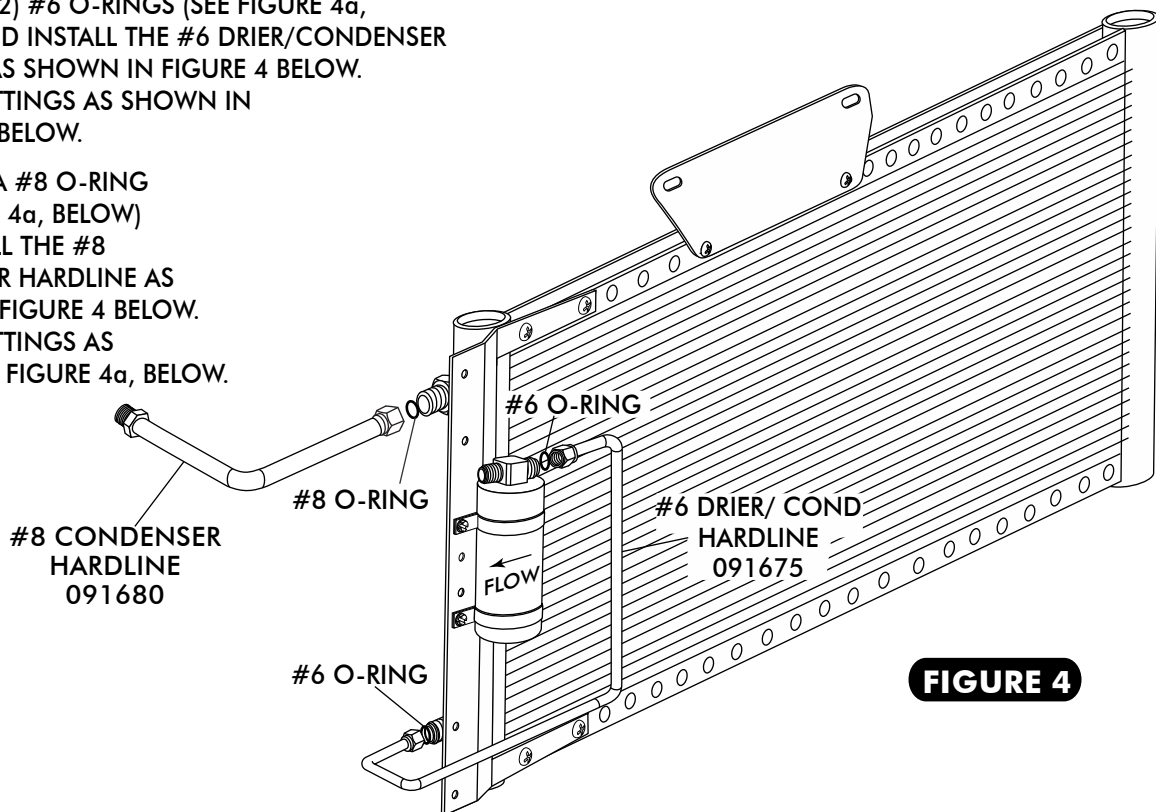


FIGURE 4

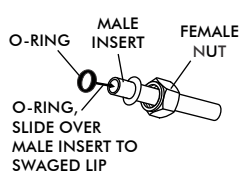
FOR A PROPER SEAL OF FITTINGS:
INSTALL SUPPLIED O-RINGS AS SHOWN AND LUBRICATE WITH SUPPLIED OIL.



#6 O-RING



#8 O-RING



TWIST WITH THIS WRENCH

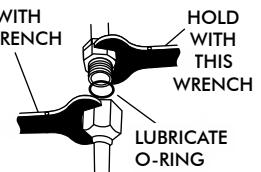


FIGURE 4a

BOTTOM MOUNTING BRACKET INSTALLATION

- ☐ INSTALL BOTTOM MOUNTING BRACKET ON TO CONDENSER USING (2) 10/24 x 3/8 PAN HEAD SCREWS AND (2) 10/24 NUTS WITH STAR WASHERS. SEE FIGURE 5 BELOW. **NOTE: BRACKET MOUNT THROUGH THE 5TH HOLE FROM THE LEFT SIDE OF THE CONDENSER.**

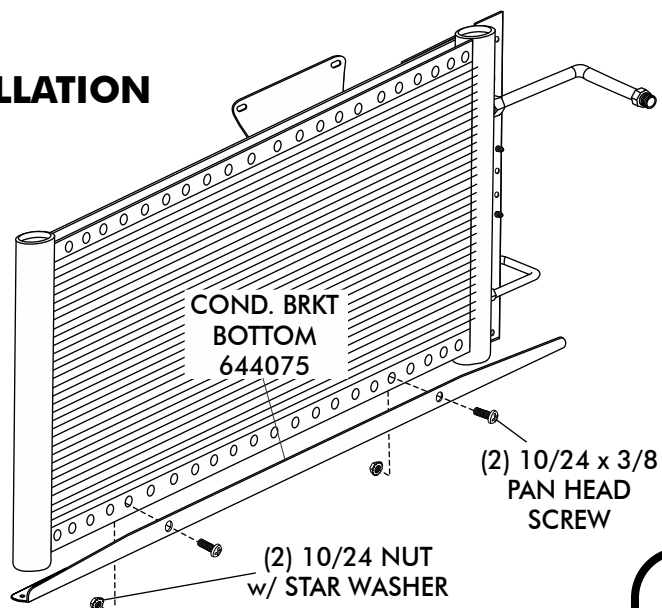


FIGURE 5



HOOD LATCH ASSEMBLY

- ☐ REMOVE 2 OEM HOOD LATCH BOLTS FROM HOOD LATCH ASSEMBLY SEE FIGURE 6 BELOW.

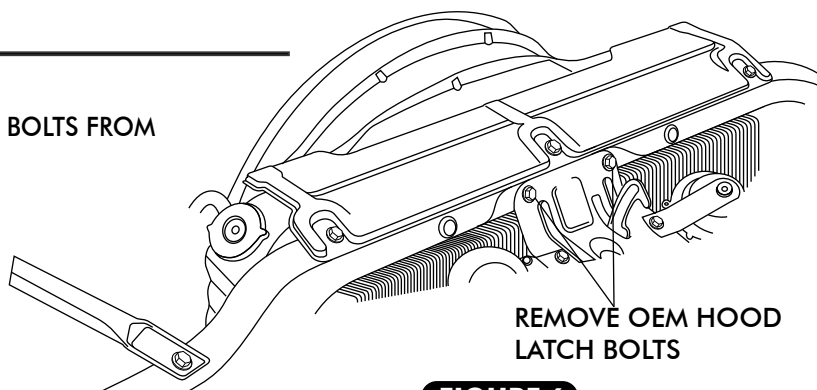


FIGURE 6

RADIATOR REMOVAL

- ☐ DRAIN RADIATOR, REMOVE UPPER AND LOWER RADIATOR HOSES.
- ☐ REMOVE OEM FAN SHROUD BOLTS SEE FIGURE 7 BELOW.
- ☐ REMOVE RADIATOR AND FAN SHROUD SEE FIGURE 7 BELOW.

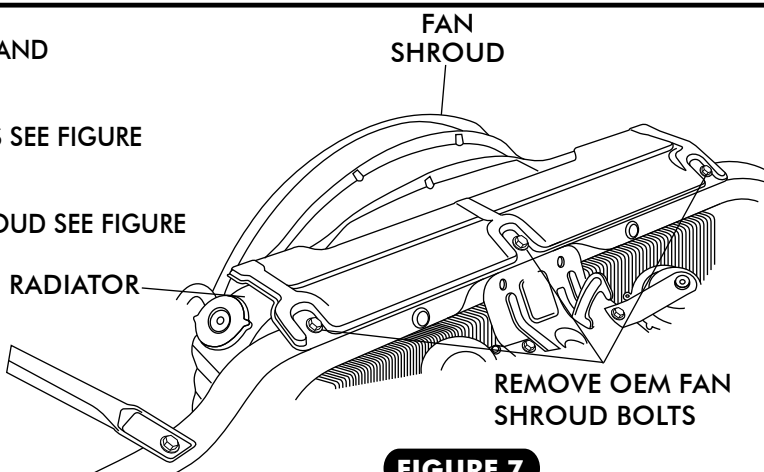


FIGURE 7

CONDENSER INSTALLATION

- ☐ **NOTE: 78-81 CAMARO w/o AC NEEDS THE PASSENGER SIDE RADIATOR BAFFLE TO BE REMOVED.**
- ☐ INSTALL CONDENSER AS SHOWN BELOW, LOWER CONDENSER WITH HARDLINES ON THE BACK SIDE OF THE CORE SUPPORT SEE FIGURE 8 BELOW.

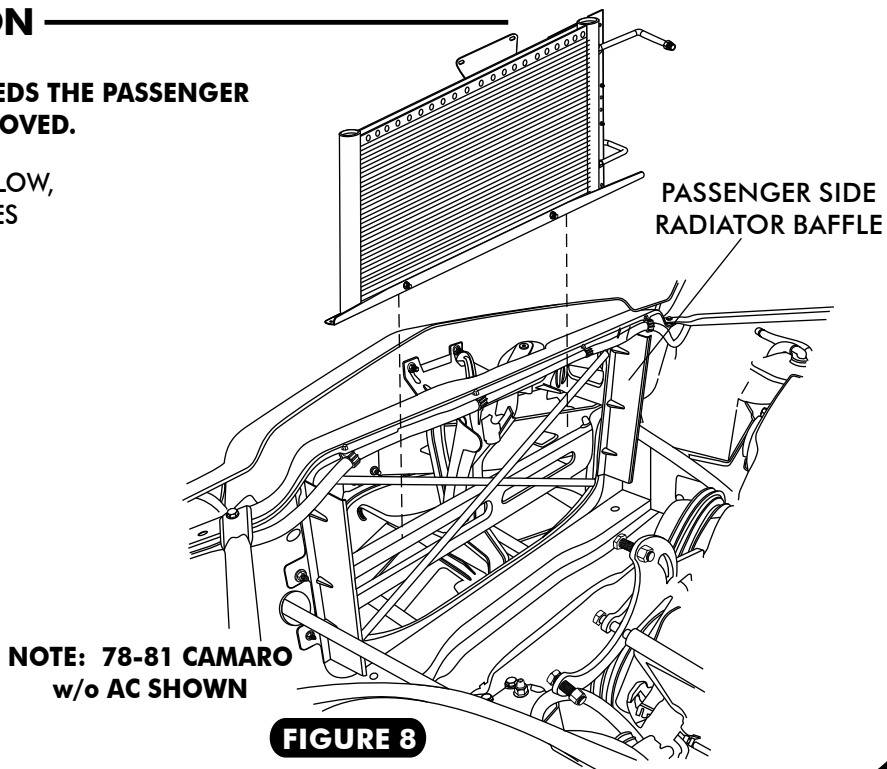


FIGURE 8



CONDENSER INSTALLATION CONT.

- NOTE: THE TOP MOUNTING BRACKET GOES ON THE BACKSIDE OF THE CORE SUPPORT. INSTALL USING (2) 5/16-18 x 1 1/4" HEX BOLT, FLAT WASHER, LOCK WASHER, AND 5/16 HEX NUT. SEE FIGURE 9 BELOW.

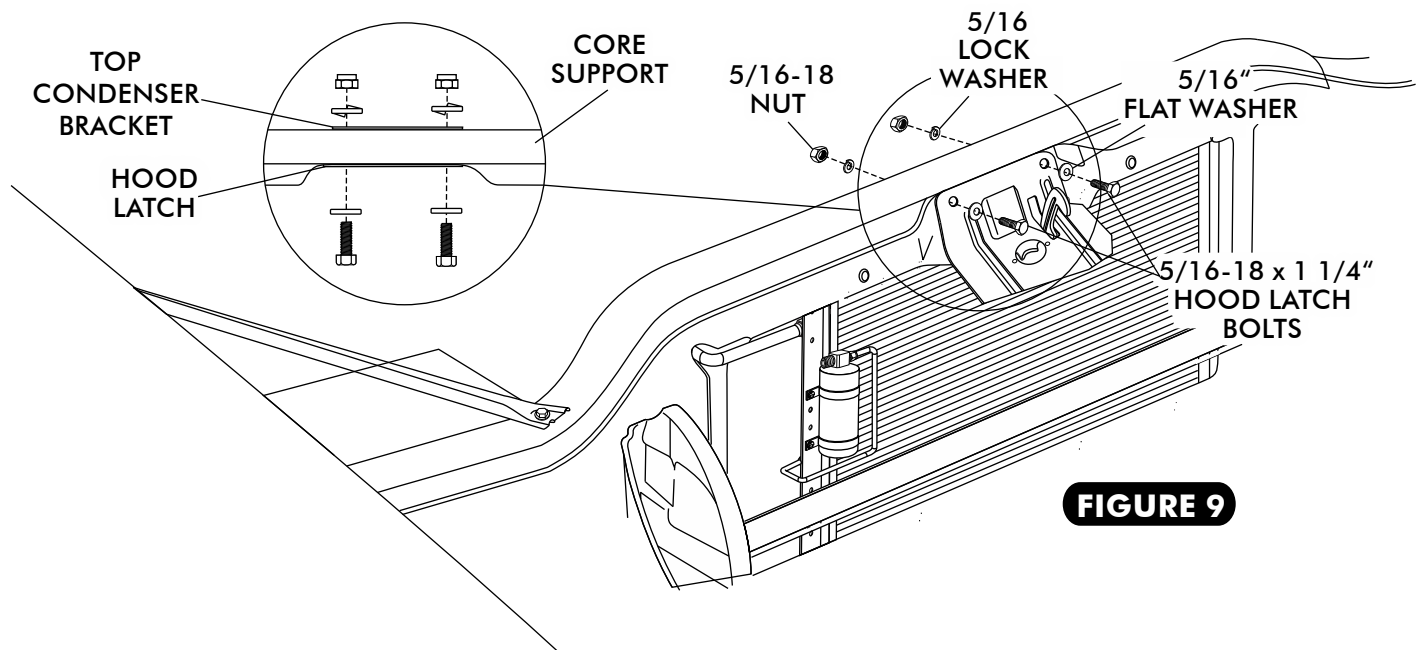


FIGURE 9

- SECURE THE BOTTOM CONDENSER BRACKET TO THE CORE SUPPORT USING (2) 5/16-18 x 1 1/4" HEX BOLT, FLAT WASHER, LOCK WASHER, AND 5/16 HEX NUT. SEE FIGURE 10 BELOW.

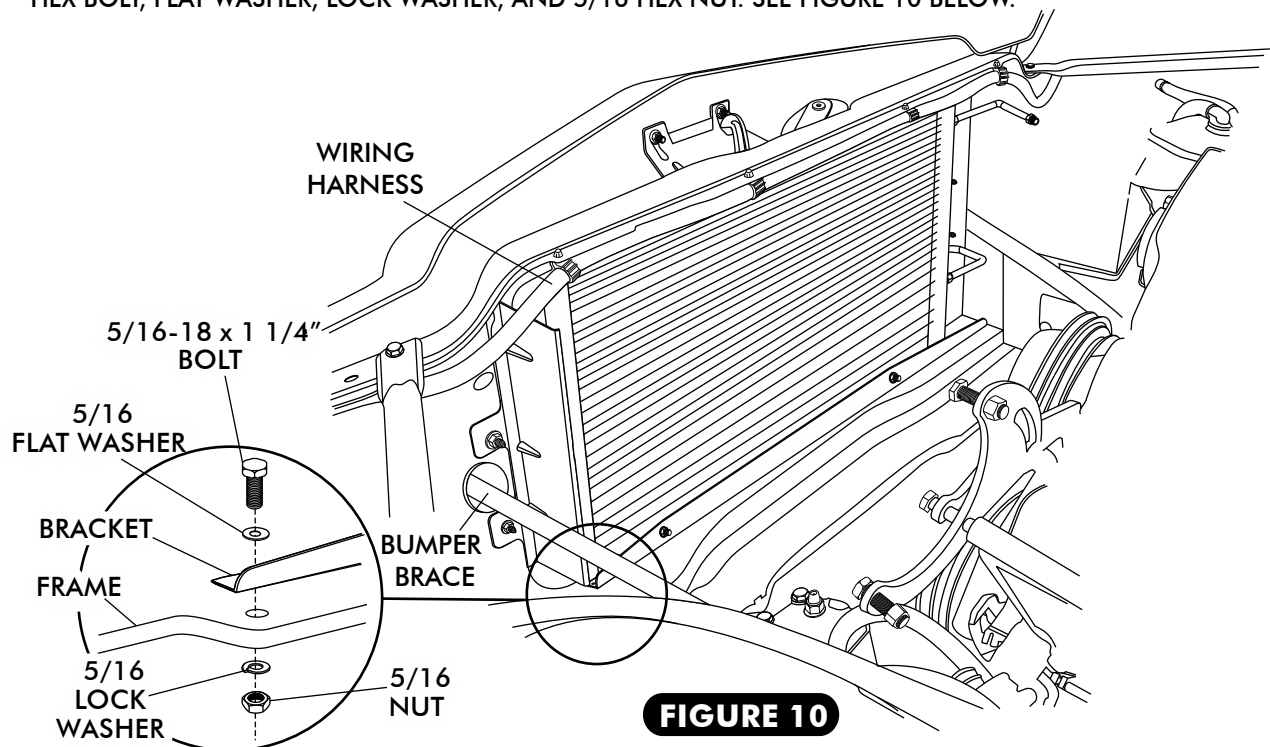
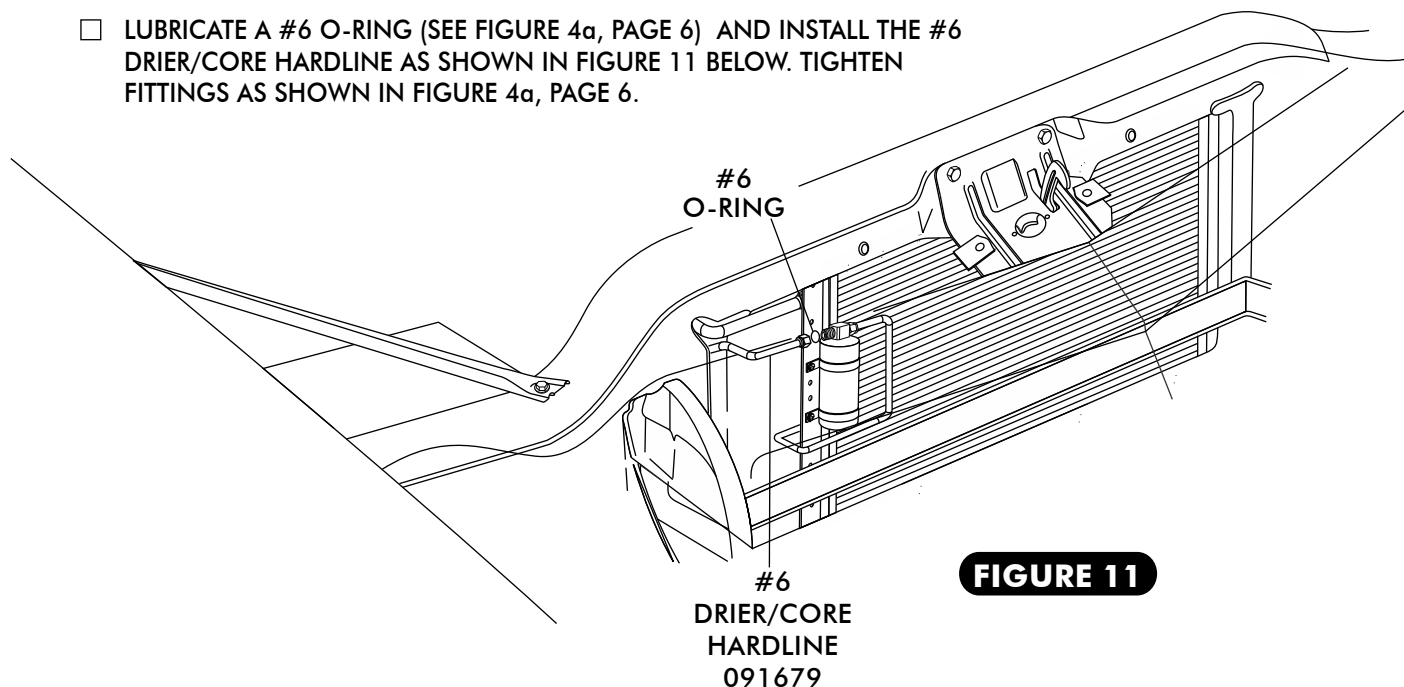


FIGURE 10



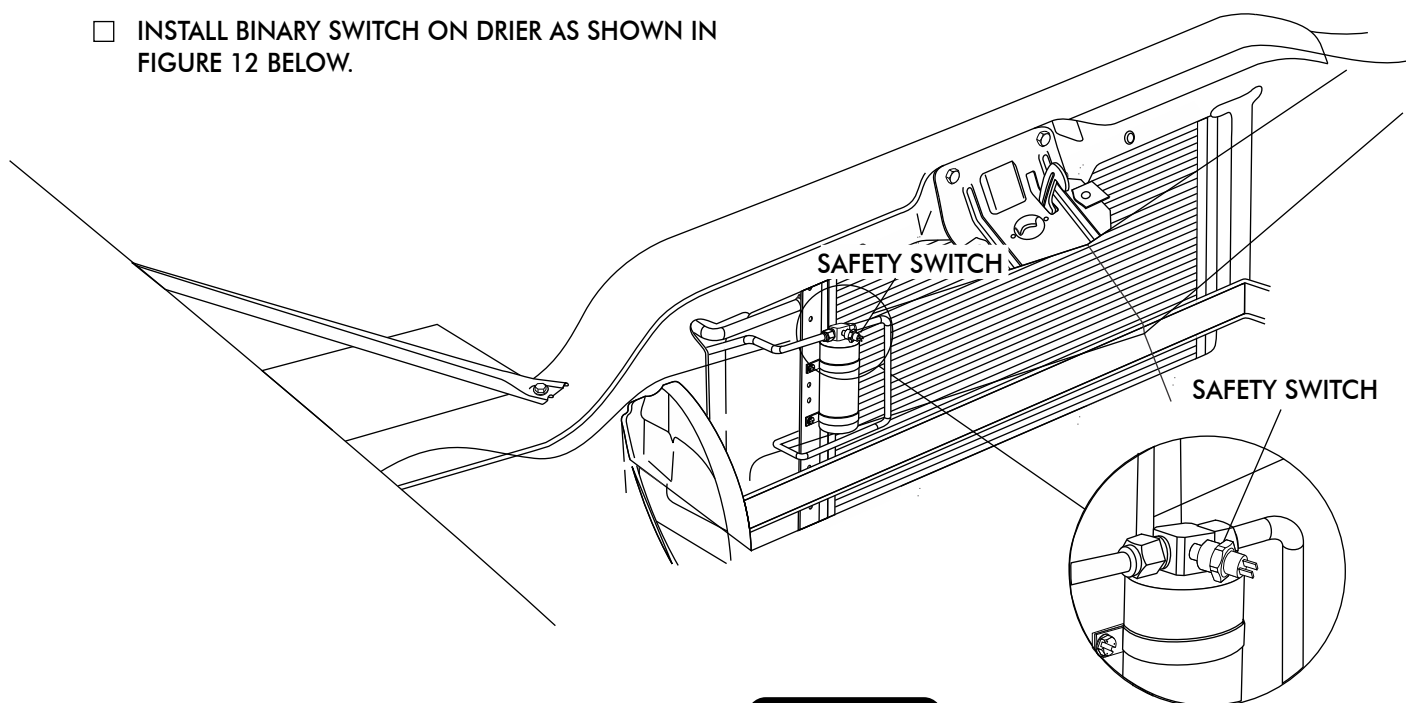
#6 DRIER/CORE HARDLINE INSTALLATION

- LUBRICATE A #6 O-RING (SEE FIGURE 4a, PAGE 6) AND INSTALL THE #6 DRIER/CORE HARDLINE AS SHOWN IN FIGURE 11 BELOW. TIGHTEN FITTINGS AS SHOWN IN FIGURE 4a, PAGE 6.



SAFETY SWITCH INSTALLATION

- INSTALL BINARY SWITCH ON DRIER AS SHOWN IN FIGURE 12 BELOW.





REINSTALL FAN SHROUD, RADIATOR, AND HARDLINE MOUNTING BRKT—

- ☐ REINSTALL OEM FAN SHROUD, RADIATOR, AND THE RADIATOR CORE SUPPORT COVER. SEE FIGURE 13 BELOW.
- ☐ ATTACH HARDLINE ASM BRKT USING OEM HOLE ON CORE SUPPORT WITH 1/4-20 x 1/2" BOLT AND 1/4" FLAT WASHER THROUGH WELD NUT ON BRACKET. THEN INSTALL ADEL CLAMPS WITH 10-32 x 1/2" PHPS PAN MS AND 10-32 NUT w/ STAR WASHER. SEE FIGURE 14 BELOW

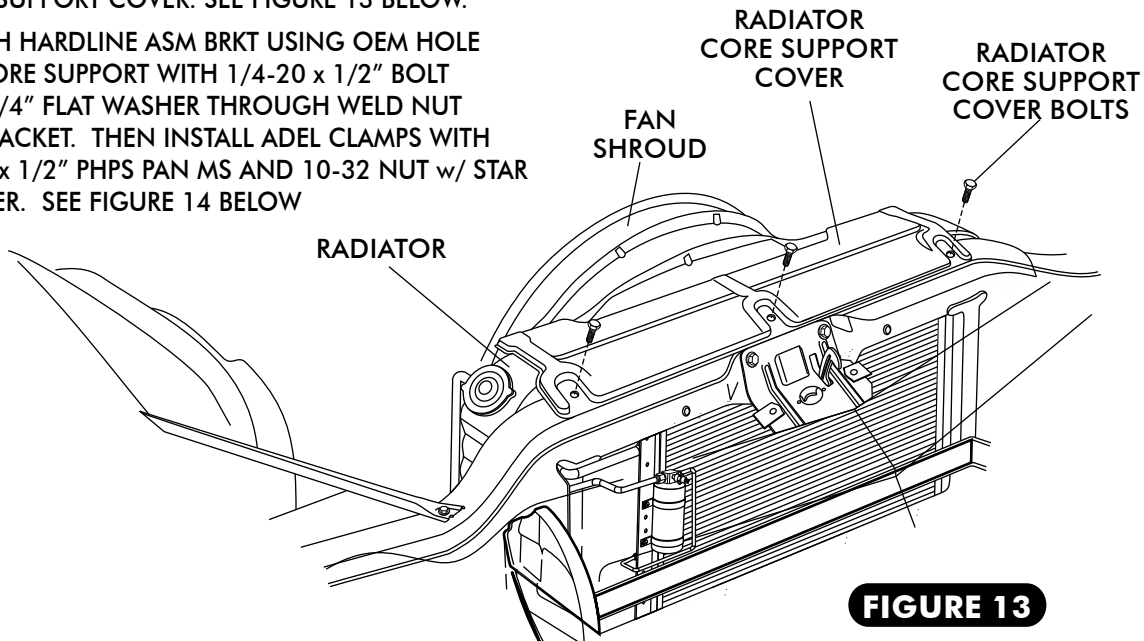


FIGURE 13

- ☐ ATTACH #6 LIQUID LINE BRKT ONTO BACK SIDE OF CORE SUPPORT WITH OEM BOLT THAT HOLDS GROUND WIRE NEAR BACK OF HEADLIGHT. INSTALL ADEL CLAMP ONTO HARDLINE USING 10-32 x 1/2" PHPS PAN MS AND 10-32 NUT w/ STAR WASHER. SEE FIGURE 14 BELOW.

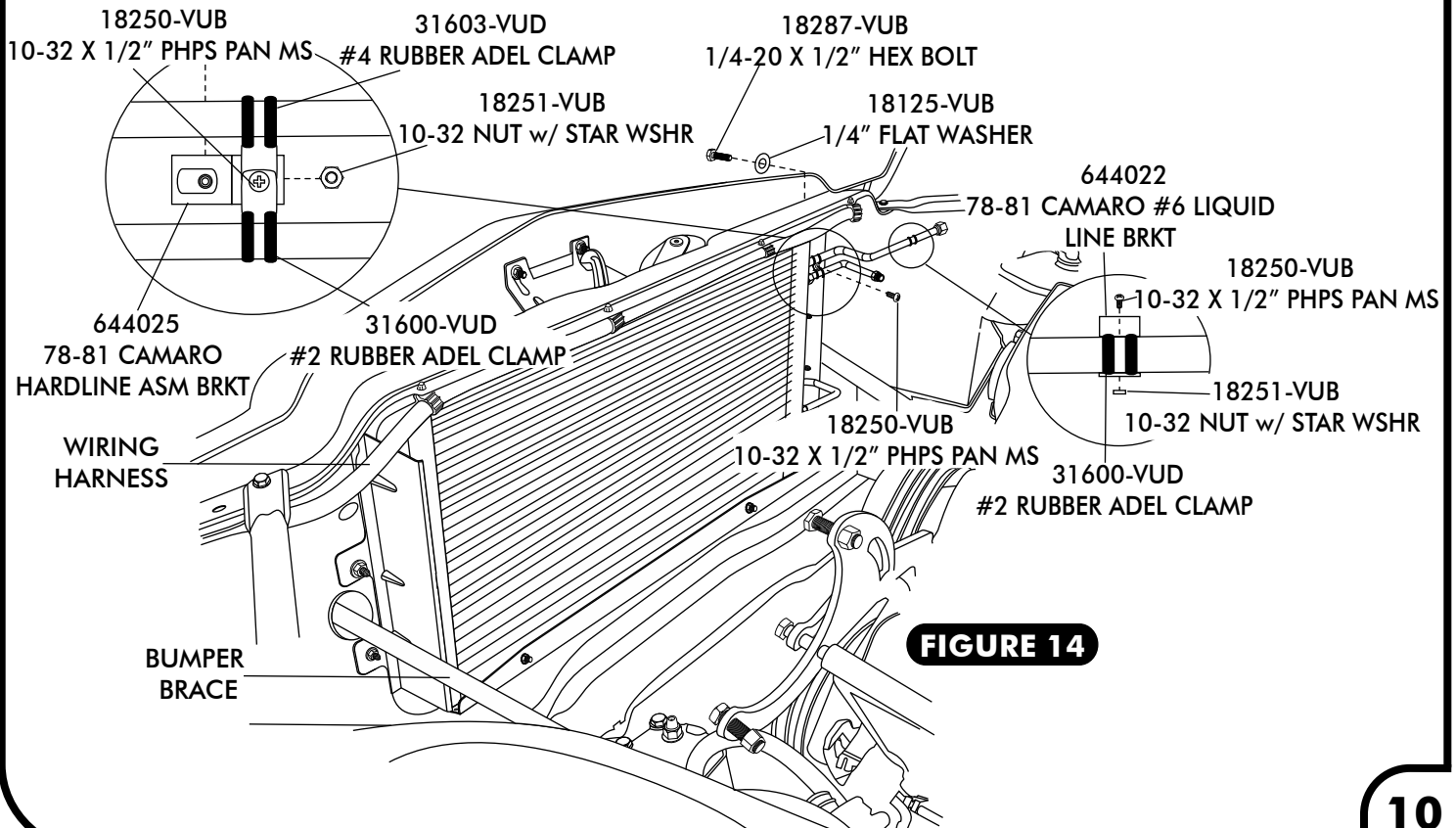


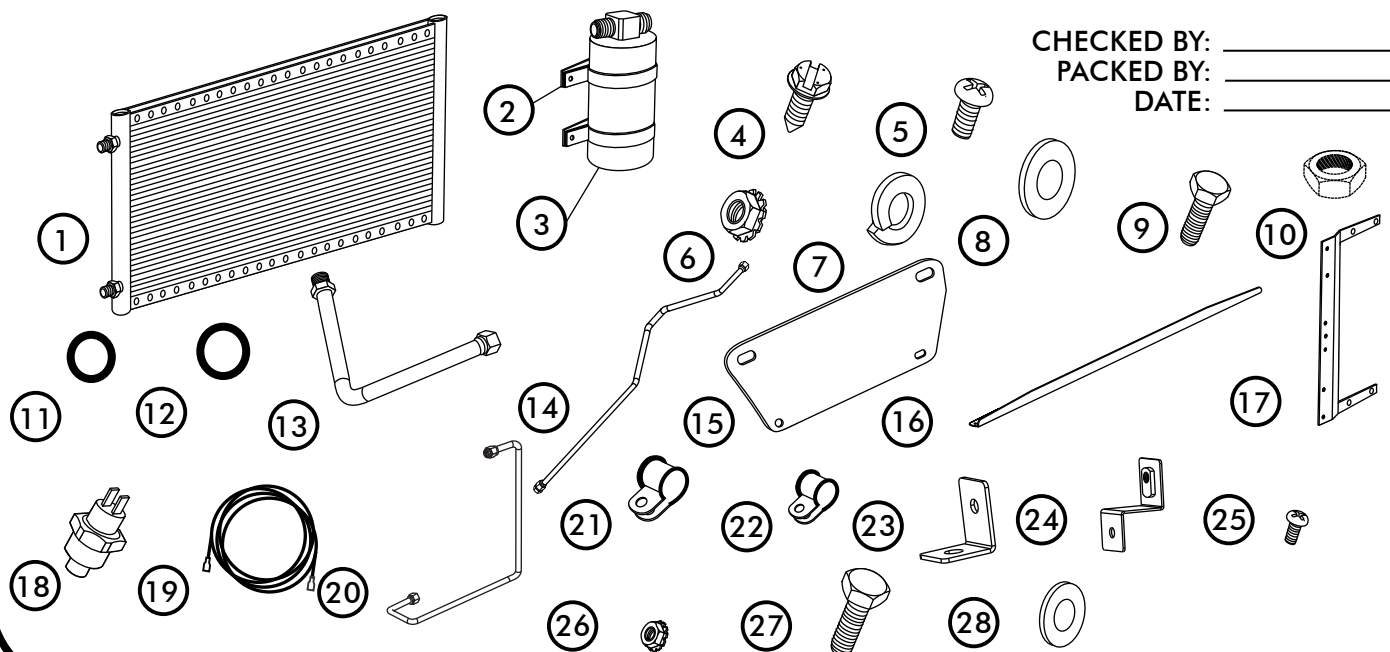
FIGURE 14



1978-81 CAMARO **CONDENSER w/ DRIER PACKING LIST**

CONDENSER KIT
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No.	QTY.	PART No.	DESCRIPTION	
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9.	4	183009-DSR	5/16-18 x 1 1/4" HEX BOLT	_____
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11.	3	33857-VUF	#6 O-RING	_____
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27.	1	18287-VUB	1/4-20 x 1/2" HEX BOLT	_____
28.	1	18125-VUB	1/4" FLAT WASHER	_____



CHECKED BY: _____
PACKED BY: _____
DATE: _____