VEHICLE	Year	Make		N	Model		Е	Engine	Mileage		Vin			
INFORMATION:														
SYSTEM CONFIGURATION														
Condenser Type:	Tube & Fin 🗖 Flat			Tube 🔲 Sub			-Co	-Cool 🗖 High Si			de Port Location			
Refrigerant Flow:	nt Flow: Serpentine Flow			Multi-Pass F			lov	v 🗖	Disc	Discharge 🗖		Liquid Line 🗖		
Refrigerant Testing:	e R12 □			Pure 134a □			Contaminated			□ % Air				
Clutch AC Voltage Drop	C Clutch (+) to (-) B(			+)	to B(-) B(+) to Clutch (+)					B(-)	B(-) to Clutch (-)			
TEMPERATURE TESTING INFORMATION														
Condenser Temperatu		Rear Evaporator Superheat – Indirect Measurement (inlet inaccessible)												
Condenser Inlet		20°I					Геmperature				Evaporator Outlet			
Condenser Outlet	Minimum 50°F				Evaporator Outlet Line						Should be Less than 10°F Warmer			
Difference		Maximum			Difference						than Duct			
Front Evaporator Superheat					System Performance – Rear Evaporator									
Inlet		+/- 5°F OK Ideal: 0°F Single			Ambient Air Temp									
Outlet					Rear Duct Temp.									
Difference		-2°F Dual			Difference					Greater than 30°F				
System Performance		Front to Rear Duct Difference Less Than 4°F?								?				
Ambient Air Temp					Yes $\Box$	]		No [	<b>_</b>	Diff	feren	ce		
Center Duct Temp.					Low Side Pressure V. Rear Suction Line Temp.									
Difference		Greater than 30°F			Pressure	e '	Temperature				OK? * See Note			
Rear Evaporator Superheat – Direct Measurement (inlet accessible)											Yes		No 🗖	
,	nlet Line (After TXV) Outlet +2°F				System Pressures						Compressor Case Temperature			
Evaporator Outlet Lir	ne	to			High Si									
Difference		+10 War			Low Sic	le								
		th:	an			1								
* Note: If system correctly charged and low side pressure is low/normal but suction line temperature is high, suspect TXV valve malfunction – possible sticking, restricted.														



VEHICLE INFORMATI			1	Model		Engi	Engine Mile		age	Vin				
SYSTEM CO		URATI	ON	<u> </u>										
Condenser Typ		Гube &		: Tı	ube 🗖		High Side Port Location							
Refrigerant Flow: Serpentine Flow □					Multi-Pass Flow □				Disc	harge		Liquid Line 🗖		
Refrigerant Testing: Pure R12 □				Pure 134a □ C			Contaminated				% Air			
Clutch Voltage Drop					B(+) to B(-) B(+			+) to	Clut	ch (+)	B -	B(-) to Clutch (-)		
TEMPERATURE TESTING INFORMATION														
Condenser Temperature Drop					Front to Rear Duct Difference Less Than 4°l							1 4°F?		
Condenser Inle	et		20°F		Yes $\Box$	□ No			□ Diffe			erence		
Condenser Out	tlet		Minimum 50°F		Low Sic	V. Re	. Rear Suction Line Temp.							
Difference		Maximum			Pressure	Pressure Temp			perature			OK? ** See Note		
Evaporator Superheat - Direct Measurement (if inlet accessible)											Yes		No □	
Inlet	Front	Rear	Outlet		TXV System Charge Level – Use "TXV System Charge Level Chart "A" or "B"									
Outlet	elet		+2°F to +10°F		_	High Side Port Location			Discharge Lin Use Chart A				uid Line Chart B	
Difference			Warmer		High Side Pressure		ssure							
Evaporator Superheat - Indirect Measurement (if inlet inaccessible)					Liquid I Temper									
Front Rear			Outlet		Charge		U	Undercharged						
Outlet			Should be Less than		See Note*			Overcharged Normal						
Duct			10°F							u				
Difference			Warmer than Duct		*Note: Intersection of high side pressure and liquitemperature on chart indicates system charge level						•			
System Perform	mance		_											
Ambient	Front	Rear			System High Si	res		Compressor Case Temperatur						
Air Temp.  Duct					Low Sic									
Difference			Should be Greater	**Note: If low side pressure low/normal but suction										

