

(Please Print)

Private Car Annual Inspection Report

PC-1 Page 1 of 4 Requires PC-1A, PC-1B, PC-3, PC-4, PC-6, PC-7 PC-5 if clearances were modified

Amt Nun	rak Car nber	Car Name/Nu	ımber	Inspection Date	Location			
Car 7	Гуре	Year Built	Amtrak A	Authorized Inspector	Phone Number			
Owne	er's Name		•		-	Phone Nun	nher	
Own	or s runne					I none i van		
Addr	ress			City	State	Zip Code		
Air B	Brake Type	Relay Valve	Гуре	COT&S Date	COT&S Location			
Lube	Lube Date Coupler Type 'A' End		'A' End		Coupler Type 'B' End			
must	have all defects re	epaired before I	Inspector s	h line when that item is signs the completed form efect list, and may not b	n.	ot applicable	should be marked N/A. Car	
Inst	pection Items						Initial	
2.	Effective October 1, 2014, verify that the wheelset component serial numbers and AAR wheel shop information of all current wheelsets on the car (check against Form PC-4) are documented on Form PC-6, including axle test reports and AAR wheel shop component information sheets. Verify that all wheelsets do not have wheels or axles which are condemnable under AAR Field Manual Rule 90.B.6.a through 90.B.6.l and 90.B.6.n. 2. Verify that all periodic axle and wheel ultrasonic inspections have been performed when due and documented on Form PC-7							
4.	Verify that the following Private Car forms are kept on the car, and are up-to-date: Form PC-3 Route/Mileage Log, Form PC-4 Shop Report, Form PC-6 Wheelset Serial Number Records, and Form PC-7 Axle and Wheel Periodic Ultrasonic Test Results.							
5.	Verify that the last Form PC-2A periodic heavy inspection time or mileage limits will not expire during the next 12 months; if so the PC-2A inspection must be repeated prior to conducting the PC-1 Annual Inspection.							
6.	Check that Am	trak 800000 I	D numbe	r is on both left and r	right sides of car at B or	blind end.		
7.	Verify that both sides of car are equipped with AEI transponder tags. Verify that car is fully equipped with Amtrak HEP electrical trainlines, 27 point Door Control/Communication pass-through trainline (must have by January 1, 2014), and a main air reservoir trainline. HEP trainlines are on both A and B ends, and right and left sides. HEP trainline connections conform to Amtrak pigtail and receptacle arrangement.							

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sheathir	8. Verify that carbody is in sound condition* without excessive corrosion, and all car sheathing, roof sheets, skirting and other components are securely attached. Verify that car exterior is neatly finished and lettered.					
9. Verify Inspecti	·					
Check detector	10. Check bearings for overheating, water submersion, leaking seals, improperly installed. Check that a car with inside journal bearings is equipped with an on-board hot journal detector system with a visual and audio alarm display inside the car.					
days (pr	11. If not NFL bearings, check that roller bearing lubrication dates* are not past due. Oil - 30 days (prohibited after January 1, 2020), Grease - 90 days, AP bearing - 1 year.					
	12. Check for defective roller bearing boxes* - cracked, excessive wear or broken, no excessive wheel lateral motion causing wheel contact with truck frame or parts.					
13. Check a	13. Check roller bearing cap screws and lock plates/safety wire. Verify that AP bearing cap center hole plastic shipping plug is present, and that all AP style bearing locking plates are stamped with proper date and mounting shop identification.					
14. Check j defectiv	pedestal jaws and liners for e elastomer linings, cracks	visible defects - *brokat bottom attaching tab of				
loose or	missing. Must be present of	n all pedestals.	ement, correct fasteners, and not			
bolsters *unusua or colla	16. Visual inspect all truck equalizers, shock absorbers, swing hangers, springs, truck frames, bolsters, stops, center plate, spring planks, pins, bushings, center plate liner and fasteners for *unusual wear, rubbing or defective conditions. No visible defects such as *cracked, broken or collapsed springs, shiny/rubbing area, loose bolster anchor rods, defective rubber anchor rod bushings, truck contacting carbody, components rubbing on wheel, etc.					
have an exceedi permiss more th	17. "Clean and inspect all axles, wheels and brake discs for defects*. Verify all axles do not have any cracks, welds, breaks nor bends. Verify no loose brake disc, disc surface wear exceeding 1/4", loose bolts, missing lock plates or safety wires. Disc surface scratches are permissible. Nicks on outside edges of brake discs shall not exceed 3/4" wide radially or more than 1/4" deep into braking surface. Disc thermal cracks shall not exceed 3", be					
18. Check l	located within 1/2" of the outer or inner edge of the ring, or reach the edge of the ring." 18. Check brake shoes and brake pads for adequate service, alignment and proper application. Minimum thickness: 1/4" for disc brake pads, 3/4" for tread brake shoes.					
heads. adjustor and not	Verify no loose bolts, s, binding. Verify that leve	pins or worn bushings ers, rods, brake beams ar aspect safety chains or	ngs, brake cylinders and brake, misadjusted/inoperative slack and hangers are properly secured, safety lug on brake frame side			
20. Verify lubricat	no Spicer drive units* (pr	ohibited after January	1, 2015) for proper amount of d Spicer drive. Check play in			
21. Inspect and Rec	all wheels for defects. Gau	on G, Part II). Record	cable AAR Manual of Standards rim thickness, flange height and struction.			
or rivets or shiel	s, no loose pipes, frayed wi	es, all trainline piping is	body*, no loose or broken bolts properly secured, safety guards removed equipment, elastic lock			
23. Verify of in enging shielded away fr	hat any engine system* has ne compartment. Check the from debris damage. Ver	at all fuel, oil, coolant, ify that engine set has s	eaks, and no fluid accumulation or other fluid system piping is hielded exhaust system directed rify that any on-board generator			
24. Verify to object d	hat any undercar fuel tank amage, electrically grounde	d to carbody, and line co	naged, protected against foreign nnection at tank has a valve.			
	•		on (holding) tank or biological with a valve and an Andrews 4"			

Amt	rak Car ber	Car Name/Number	Inspection Date	Location	
	male cam lock inside the car.				
26. Verify that any propane compressed gas system* is maintained in accordance with AAR Recommended Practice RP-037, 1955 revision, metallic piping is used, and gas cylinders are not stored in the car interior or vestibule.					
27.	Visual inspection Tightlock type ocuplers. Veri	A End:			
	springs, etc. Check operating rod clearance. Measure coupler height (maximum 35", preferred 34-1/2", minimum 34").				B End:
28.	ends*. Buffer h			n rods, and springs at A and B or single level cars, and 104"-	A End:
					B End:
29.	appliance standa		and holds have a min	For compliance with FRA safety imum clearance of 2", sill steps	
30.		n of FRA approved mattery backup source.	arker light at both the	A and B ends, and that it has a	
31.	•	tools, parts or mater ds are not stored in the		car electrical locker, and that pied by passengers.	
32.	Locomotive MU insulation, debri	U Control trainline, ca	bles and jumpers for fraying of insulation.	amunications trainline and any any defects, deterioration in the Inspect conduit over trucks for s.	
		ell (door bell) system			
34.		k air brake COT&S day years; ABD, ABDW,		use is prohibited; D22 - 3 years; 6 years.	
35.				terior near end doorway. Verify applied" indicator on each side	
36.	air test to be co	onducted. Verify that	air brake system constentated on top of pipe	permit passenger car single car nection to brake pipe uses AAR a. Check that truck cutout cocks ad.	
37.	Check that all as carbody to t	A-End Brake Pipe:			
	reinforced hose wire reinforced years preferred	A-End Main Reservoir:			
	•				B-End Brake Pipe:
					B-End Main Reservoir:
	reservoir of air regular mainten	brake system using a ance performed.	cutout cock, govern	m, etc.) are supplied by supply or and regulator valve, and has	
39.	no binding of o		t each brake shoe/disc	e, regardless of brake wear, with c brake pad location for proper ed.	

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Amtrak Car Number	Car Name/Number	Inspection Date	Location				
40. Perform a Single Car Air Test of brake system, using appropriate procedures and Single Car Testing Device for the design of the car brake system*. Verify that Testing Device is within calibration date. Test an ABDW air brake system with freight Single Car Testing Device, using AAR S-486 test codes including test code Section 4.3, Auxiliary Devices, for tests of other auxiliary devices such as relay valve and modulating valve. Record on form PC-1B. Brake cylinder full service application pressure: Brake cylinder emergency application pressure:							
Wheel Number	Rim Thick	iness Flange	Height Flang Thickn				
1							
2							
3 4							
5							
6							
7							
8							
9							
10							
11							
Note: Finger gauge may not be used to condemn wheels for flange height or thickness. If finger gauge indicates condemning limit has been reached, confirm condition with Combined Wheel Gauge W620-4.							
Glazing Location	on Certific	ed Glazing (YES/NO	D)	Glazing Type, if YES			
Side Facing							
End Facing							
Emergency Window Type: Pull Handle \ Breakable Safety Glass with Hammer Is Emergency Window identified inside of the Car: Yes No Additional inspection documentation attached: Yes No							
I certify that each item on this form was inspected, all items are found to be in compliance, and agree that Amtrak may rely upon the accuracy of this form.							
Inspector Signature Inspection Date				Inspection Date			

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