

P-JHSW-22-9-17 61291 101708-BLCA R-TKD-7-2-19 Ref- 4-22

Module No-TW-HT-10/3
8-9-2020

WAGON CARE CENTRE TUGHLAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO. 920-140

Bolster Make & Built year TITA-12-06

Date 7-9-2020

FRONT/REAR

Wagon no/M. no. from bogie removed

61291 101678-BLCA

Module No-TWHT-10/3

Note: 1. All Dimensions are in M.M.

2. All lines must be entered 3. REF-L.S.D. is fitted in left side & S/Frame No. 1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	279	277.5	277.5	277.5			
2	Pedestal side outer	105	101	104	105	104	105			
3	Pedestal side inner	105	101	103	105	103	104			
4	Pedestal crown side	152	144	148	149	148	147			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	216	216	216	216			
7	side frame friction liner	10	6	8	8	8	9			④
8	pocket liner	5	2	2	2	1	2			
9	vertical wear of Wedge block	0	7	1	1	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	EA	EA	EA			
12	Adopter side	268	262	267	266	261	263			②
13	Adopter crown lug	156	164	157	157	157	158			
14	Centre pivot bottom liner vertical	38	40	Pre 39	Final 39					
15	Centre pivot Ring liner wear	365	369	Pre 367	Final 367					
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A				
17	Side bearer spg. Height	123	119	122	122	122	122			
Nominal clearances PRE & Final OF BOGIE										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	12	11	16	14		Colour code of bolster springs: A= Green, B=Yellow, C=Gray, D=White, E=Sky blue
				FINAL:-	10	11	10	10		
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25		C/code of provided paired bolster springs: (A)
				FINAL:-	26	25	26	25		
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	4	4		
				FINAL:-	5	5	4	4		
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	22	25	23		
				FINAL:-	22	22	25	23		
5	Side bearer clearance	0.5	2	PRE:-	2	-	2	-		
				FINAL:-	2	-	2	-		
6	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
Bogie Trammeling				3018±4.5	OK	1	OK			

Material consumption:-

1	W/Jaw adopter	2	cm	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	2	cm	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	1	cm	16	Retaining Bolt	-	-	29	Slide block	-
4	E/M Pad	4	cm	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-
5	Bk/block	4	cm	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2
6	10*100 mm S/Pin	4	cm	19	C. Pivot Ring	-	-	32	bulb cotter	2
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4
8	Bk beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Sign of S/tech
[Signature]

WAGON CARE CENTRE TUGHAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO 9120-95

Bolster Make & Built year TITA - 05-10

Date 7-9-2020

FRONT/REAR

Wagon no /M. no. from bogie removed.

62291102689-BLCB module No-TWHT-10/9

Note 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side & S/Frame No -1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	282	280	277.5	280			③
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	149	150	149	150			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	214	216	216	216			
7	side frame friction liner	10	6	9	8	9	9			
8	pocket liner	5	2	4	2	4	2			②
9	vertical wear of Wedge block	0	7	1	1	1.5	1.5			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	EA	EA	EA			
12	Adopter side	268	262	266	262	267	258			②
13	Adopter crown lug	156	164	158	158	156	157			
14	Centre pivot bottom liner vertical	38	40	38.5	38.5	38.5	38.5			
15	Centre pivot Ring liner wear	365	369	367	367	367	367			
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A				
17	Side bearer spg. Height	123	119	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10.	15	PRE:-	16	18	10	22	Colour code of bolster springs: A= Green, B=Yellow, C=Gray, D=White, E= Silver, F=blue
				FINAL:-	10	10	10	12	
2	Lateral clearance in between Adopter & S/frame	25	28	PRE:-	25	25	25	25	C/code of provided paired bolster springs (A)
				FINAL:-	25	25	25	25	
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	4	5	5	
				FINAL:-	4	4	5	5	
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	25	23	24	22	
				FINAL:-	25	23	24	22	
5	Side bearer clearance	0.5	2	PRE:-	2	-	2	-	(A)
				FINAL:-	2	-	2	-	
6	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-	
				FINAL:-	-	-	-	-	
7	Bogie Trammeling		3018±4.5	OK	/	OK			

Material consumption:-

1	W/Jaw adopter	2	cm	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	2	cm	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	2	cm	16	Retaining Bolt	-	-	29	Slide block	-
4	I/M Pad	4	cm	17	Jaw liner 3 mm	3	R	30	Pin size 28*100 mm	-
5	Bk/block	4	cm	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2
6	10*100 mm S/Pin	4	cm	19	C. Pivot Ring	-	-	32	Bulb cotter	2
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Equalizing lever	-	-	39		

Sign of Sr. Tech

Signature

Signature

PROVIDED IN

62291102 SS9-3L1B - module No. TW-HT-1b
Date - 8-9-20
1/4

WAGON CARE CENTRE TUGHLAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver.02

Date 7-9-2020

BOGIE NO. 920-139

Bolster Make & Built year. TITA - 07-10

FRONT/REAR.....

Wagon no./M. no. from bogie removed. 61291101678 - BLCA

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side & S/Frame No. 1 will be left side

Module No. - TW-HT-10/3

Side frame No. 1 9627 TITA 08-10

Side frame No. 2 0020 TITA 09-10

S.N.	Description of Checks	New size	Condemn size	S/Frame NO. 1		S/Frame NO. 2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	281	278	280	281			(3)
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	152	151	148	150			
5	Pedestal crown roof	318	323	318	318	318	316			
6	column side	216	206	214	216	214	216			
7	side frame friction liner	10	6	9	8	8	8			
8	pocket liner	5	2	4	4	4	4			
9	vertical wear of Wedge block	0	7	1	1	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			AAR	AAR	AAR	AAR			
12	Adopter side	268	262	265	266	262	265			(1)
13	Adopter crown lug	156	164	157	158	156	157			
14	Centre pivot bottom liner vertical	38	40	Pre. 38.5 Final. 38.5						
15	Centre pivot Ring liner wear	365	369	Pre. 367 Final. 367						
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	122	122			
17	Side bearer spg. Height	123	119			122	122			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	16	11	18	16	Colour code of bolster springs
				FINAL:-	11	10	14	10	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25	A= Green, B= Yellow, C= Gray, D= White, E= Orange, F= Blue
				FINAL:-	25	25	25	25	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	4	4	4	C/code of provided paired bolster springs
				FINAL:-	4	4	4	4	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	25	24	23	23	(A)
				FINAL:-	25	24	23	23	
3	Side bearer clearance	0.5	2	PRE:-	2	-	2	-	
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	2	-	
5	Bogie Trammeling			FINAL:-	-	-	-	-	

Material consumption:-

1	W/Jaw adopter	1	CH	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	-	CH	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	-	CH	16	Retaining Bolt	-	-	29	Slide block	-
4	F/M Pad	4	CH	17	Jaw liner 3 mm	3	R	30	Pin size 28*100 mm	-
5	Bk/block	4	CH	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2
6	10*100 mm S/Pin	4	CH	19	C. Pivot Ring	-	-	32	bulb cotter	2
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	CH
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		CH
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		CH
10	Bolster liner	1	CH	23	Bolster spg. Snubber	-	-	36		CH
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/block	-	-	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Sign of JE/SO

Sign of Sr. Tech.

62291102 559- 8118 Module N TW HT-10/4

WAGON CARE CENTRE TUGHAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver 02

BOGIE NO. 920-134

Bolster Make & Built year TITM-07-10

Date 7-9-2020

Front & Rear

Wagon no. 62291102 559- 8118 removed

62291102 559- 8118

Module N TW HT-10/3

Note 1. All Dimensions are in MM

2. All lines must be entered

3. REF - L.S.D. is fitted in left side & S/Frame No. 1 will be left side

S/N	Description of Checks	New size	Condemn size	S/Frame NO. 1		S/Frame NO. 2		Changed-C	Repaired-R	Remarks
				left	Right	left	Right			
1	Pedestal jaw	278	286	281	282	281	281		(1)	
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	152	152	149	147			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	214	216	216	216			
7	side frame friction liner	10	6	9	9	1	2		(1)	
8	pocket liner	5	2	2	9					
9	vertical wear of Wedge block	0	7	1	2	1	1			
10	side wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	EA	EA	EA			
12	Adopter side	268	262	261	259	265	264		(2)	
13	Adopter crown lug	156	164	158	157	156	157			
14	Centre pivot bottom liner vertical	38	40	Pre 38.5	Final 38.5					
15	Centre pivot Ring liner wear	365	369	Pre 367	Final 367					
16	Bolster spg. Colour code	A B C D E F		A		A				
17	Side bearer spg. Height	123	119	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:	20	23	16	17	Colour code of bolster springs
				FINAL:	12	11	13	10	
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:	25	25	25	25	A= Green, B= Yellow, C= Gray, D= White, E= sky blue
				FINAL:	25	25	25	25	
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:	5	4	5	5	C/code of provided paired bolster springs
				FINAL:	5	4	5	5	
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:	23	24	25	22	(A)
				FINAL:	23	24	25	22	
5	Side bearer clearance	0.5	2	PRE:	2	-	3	-	
6	CCSB Height under Tare	129.5	132.5	PRE:	-	-	-	-	
7	Bogie Trammeling		3018±4.5	OK	1	OK			

Material consumption:-

1	W/Jaw adopter	2	CA	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	1	CM	15	Side bearer seat	-	-	28	Bk. Beam bush	-
3	Wear plate	4	CM	16	Retaining Bolt	-	-	29	Slide block	-
4	F/M Pad	4	CM	17	Jaw liner 3 mm	4	R	30	Pin size 28*100 mm	-
5	Bk/block	4	CM	18	Jaw liner 4 mm	-	-	31	Pin size d0*118 mm	2
6	10*100 mm S/Pin	4	CM	19	C. Pivot Ring	-	-	32	bulb cotter	2
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/I Key & N/BOLT	4/4
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	γ Type I / Lever	-	-	38		
13	CCSB ASSY	-	-	26	Equalizing lever	-	-	39		

Signature of DE/SSC

Signature of Sr. Tech

62291102 559 - BLCB

11-08-109/2020
Module N TW-HT-10/4

WAGON CARE CENTRE TUGHLAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO 920-134-

FRONT/REAR

Bolster Make & Built year ... TITA - 07-10

Wagon no /M no. from bogie removed 62291102528-BLCB

Date... 7-9-2020

Module n/o - TW-HT-10/3

Note: 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side & S/Frame No. 1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	281	282	281	281			(4)
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	104	104			
4	Pedestal crown side	152	144	152	152	149	147			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	216	216	216	216			
7	side frame friction liner	10	6	9	9	8	8			
8	socket liner	5	2	2	1	1	2			(5)
9	vertical wear of Wedge block	0	7	1	2	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	EA	EA	EA			
12	Adopter side	268	262	261	259	265	264			(2)
13	Adopter crown lug	156	164	158	157	156	159			
14	Centre pivot bottom liner vertical	38	40	Pre 38.5	Final 38.5					
15	Centre pivot Ring liner wear	365	369	Pre 367	Final 367					
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A				
17	Side bearer spg. Height	123	119	121	121	121	121			

nominal clearances PRE & Final OF BOGIE

Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	20	23	16	17	Colour code of bolster springs:		
			FINAL:-	12	11	13	10			
Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25	A= Green,B=Yellow,C=Gray,D= White,E=sky blue		
			FINAL:-	25	25	25	25			
Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	5	C/code of provided paired bolster springs:		
			FINAL:-	5	4	5	5			
Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	24	25	22	(A)		
			FINAL:-	23	24	25	22			
Side bearer clearance	0.5	2	PRE:-	2	-	3	-			
			FINAL:-	2	-	1	-			
CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-			
			FINAL:-	-	-	-	-			
Bogie Trammeling			3018±4.5	OK	1	OK				

Material consumption:-

W/jaw adopter	2	CB	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
Bk. Beam wear plate	1	CB	15	Side bearer seat	-	-	28	BK. Beam bush	-
Wear plate	4	CB	16	Retaining Bolt	-	-	29	Slide block	-
F/M Pad	4	CB	17	Jaw liner 3 mm	4	R	30	Pin size 28*100 mm	-
Bk/block	4	CB	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2
10*100 mm S/Pin	4	CB	19	C. Pivot Ring	-	-	32	bulb cotter	2
Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4
Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
Friction liner	-	-	24	Push rod safety	-	-	37		
W/Block	-	-	25	y-Type F/ Lever	-	-	38		
CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Sign of Sr. Tech

62291102542-3L1B

WAGON CARE CENTRE TUGHLAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO. 960-136	Bolster Make & Built year...HDC 07-99	Date 7-9-2020
FRONT/REAR	Wagon no./M.no. from bogie removed...62291102542-B1CB	moduleno.-THT-10/3

Note:- 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF:- L.S.D. Is fitted in left side & S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	281	277.5	272.5	281			(2)
2	Pedestal side outer	105	101	105	104	104	104			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	150	151	150	150			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	216	214	214	216			
7	side frame friction liner	10	6	9	8	8	9			
8	pocket liner	5	2	2	2	1	1	(4)		
9	vertical wear of Wedge block	0	7	1	1	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			AAR	AAR	AAR	AAR			
12	Adopter side	268	262	262	260	262	262	(4)		
13	Adopter crown lug	156	164	157	157	156	156			
14	Centre pivot bottom liner vertical	38	40	Pre. 39	Final. 39					
15	Centre pivot Ring liner wear	365	369	Pre. 366	Final. 366					
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A				
17	Side bearer spg. Height	123	119	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	19	18	16	19	Colour code of bolster springs:-	
				FINAL:-	10	11	10	10		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	26	26		
				FINAL:-	25	26	26	26		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	4	4		
				FINAL:-	5	5	4	4		
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	23	25	26		
				FINAL:-	23	23	25	26		
	Side bearer clearance	0.5	2	PRE:-	2	-	2	-		
				FINAL:-	2	-	2	-		
	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
	Bogie Trammeling			3018±4.5	OK	1	OK			

Material consumption:-

W/jaw adopter	4	Ch	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
Bk. Beam wear plate	1	Ch	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
Wear plate	4	Ch	16	Retaining Bolt	-	-	29	Slide block	-	-
E/M Pad	4	Ch	17	Jaw liner 3 mm	2	R	30	Pin size 28*100 mm	-	-
Bk/block	4	Ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	Ch
10*100 mm S/Pin	4	Ch	19	C.Pivot Ring	-	-	32	Bulb cotter	2	Ch
Bk/block key	-	-	20	C.Pivot bottem liner	-	-	33	S/F Key&N/BOLT	4/4	Ch
Bk.beam	-	-	21	Bolster spg. Outer	-	-	34			
S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35			
Bolster liner	1	Ch	23	Bolster spg. Snubber	-	-	36			
Friction liner	-	-	24	Push rod safety	-	-	37			
W/Block	-	-	25	y-Type F/ Lever	-	-	38			
CCSB ASSY	-	-	26	Eqilizing lever	-	-	39			

Signature of JE/SSC

Sign of Sr. Tech

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Bogie No. 9/20-137 Bolster Make & Built year TITA-08-10

Date 07-09-2020

FRONT/REAR Wagon no./M.no. from bogie removed 62291102504-BLCB

Module No. TWHT-10/3

removed

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered 3. REF:- L.S.D. is fitted in left side & S/Frame No.-1 will be left side

		S. No. of S/ Frame	S/Frame Make	Built (Month/Year)				
Side frame No.-1		9476	TITA	07-10				
Side frame No.-2		9722	TITA	08-10				

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	282	281	281	282			(4)
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	150	152	151	150			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	214	216	216	216			
7	side frame friction liner	10	6	8	8	8	8			(2)
8	pocket liner	5	2	4	2	4	2			
9	vertical wear of Wedge block	0	7	1	2	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	1			
11	Adopter make			AAR	AAR	AAR	AAR			
12	Adopter side	268	262	260	263	263	260			(4)
13	Adopter crown lug	156	164	157	156	156	157			
14	Centre pivot bottom liner vertical	38	40	Pre 38.5	Final 38.5					
15	Centre pivot Ring liner wear	365	369	Pre 36.7	Final 36.7					
16	Bolster spg. Colour code	A,B,C,D,E,F		A						
17	Side bearer spg. Height	123	119	122	122	122	122			

Nominal clearances PRE & Final OF BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	22	18	16	22
				FINAL:-	11	11	13	11
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25
				FINAL:-	25	25	25	25
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	4	4
				FINAL:-	5	5	4	4
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	22	24	23
				FINAL:-	22	22	24	23
	Side bearer clearance	0.5	2	PRE:-	2	-	2	-
				FINAL:-	2	-	2	-
	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-
				FINAL:-	-	-	-	-
5	Bogie Trammeling			3018±4.5	OK	1	OK	

Colour code of bolster springs:-

A= Green, B=Yellow, C=Gray, D=White, E=Sky blue

C/code of provided paired bolster springs:-

(A)

1	W/jaw adopter	4	Ch	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	1	Ch	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	2	Ch	16	Retaining Bolt	-	-	29	Slide block	-	-
4	E/M Pad	4	Ch	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-	-
5	Bk/block	4	Ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	Ch
6	10*100 mm S/Pin	4	Ch	19	C.Pivot Ring	-	-	32	bulb cotter	2	Ch
7	Bk/block key	-	-	20	C.Pivot bottem liner	-	-	33	S/F Key&N/BOLT	4	Ch
8	Bk.beam	-	-	21	Bolster spg. Outer	-	-	34			
9	S/Bearer spg.	1	Ch	22	Bolster spg. Inner	-	-	35			
10	Bolster liner	1	Ch	23	Bolster spg. Snubber	-	-	36			
11	Friction liner	-	-	24	Push rod safety	-	-	37			
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38			
13	CCSB ASSY	-	-	26	Eqillizing lever	-	-	39			

Signature of JE/SSF

Sign of Sr. Tech

Rajiv

62291-102-535-BLCB

17/12/2020

WAGON CARE CENTRE TUGHLAKABAD

PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO. 9/20-94

Bolster Make & Built year TITA -08-10

Date 7-9-2020

TRAILER NO. ✓

Wagon no./M. no. from bogie removed 62291-102-702-BLCB

modular - TW-HT-10/9

Note: 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side & S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	280	281	281	281			(4)
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	147	149	150	150			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	214	216	216	216			
7	side frame friction liner	10	6	8	8	9	9			
8	pocket liner	5	2	4	2	2	2			(3)
9	vertical wear of Wedge block	0	7	1	1	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	AAR	AAR	AAR			
12	Adopter side	268	262	259	262	267	263			(2)
13	Adopter crown lug	156	164	157	156	159	158			
14	Centre pivot bottom liner vertical	38	40	Pre... 39	Final... 39					
15	Centre pivot Ring liner wear	365	369	Pre... 367	Final... 367					
16	Bolster spg. Colour code	A,B,C,D,E,F				A	A			
17	Side bearer spg. Height	123	119	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	21	19	14	18	Colour code of bolster springs:-	
				FINAL:-	10	10	12	14		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25	A= Green, B= Yellow, C= Gray, D= White, E= Red, F= Blue	
				FINAL:-	25	25	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	5	5	C/code of provided paired bolster springs.	
				FINAL:-	5	5	5	5		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	23	25	25	(A)	
				FINAL:-	23	23	25	25		
3	Side bearer clearance	0.5	2	PRE:-	3	-	3	-		
				FINAL:-	1	-	1	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
5	Bogie Trammeling		3018±4.5		OK	1	OK			

Material consumption:-

1	W/law adopter	2	Ch	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	-	-	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	3	Ch	16	Retaining Bolt	-	-	29	Slide block	-
4	L/M Pad	4	Ch	17	Jaw liner 3 mm	4	R	30	Pin size 28*100 mm	-
5	Bk/block	4	Ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2
6	10*100 mm S/Pin	4	Ch	19	C. Pivot Ring	-	-	32	bulb cotter	2
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	1	Ch	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	v-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

1800 01 JESSE

Sign of St. Tech

A

