

~~XXXXXXXXXXXXXXXXXXXX~~



*Loop Carter* **F.LLI PINFARI s.r.l.**  
ATTRAZIONI PER LUNA PARK

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R.E.A. MN 107898 - Iccir. RI MN 3/57 - MN 004068 V.D. 95080000 - Cap. Soc. Lit. 2.500.000.000 I.v.

**Fax**

To: ~~XXXXXXXXXXXXXXXXXXXX~~

From: F.Lli Pinfari S.r.l.  
Begotti Carlo

Fax: 001-609-399-8653

Pages: 2+1

Phone:

Date: 02/11/00

Re: Roller Coaster ZL42-FP255/85

CC: Eng. Carlo Guglielmi

Urgent    For Review    Please Comment    Please Reply    Please Recycle

Dear Mr. Simpson,  
we refer to your fax of 3<sup>rd</sup> February 2000 that you sent to Mr. Carlo Guglielmi; he sent us a copy of it.  
This fax refers to two matters:

1. NDT on the cars: the components of the cars to be subjected to NDT are the following:
  - a) Chassis: visual inspections and if you have any doubt: liquid dye penetrants - "Biennial"-;
  - b) Axles: ultrasonic tests - "Annual"-;
  - c) Wheel pins: ultrasonic tests - "Biennial"-;
  - d) Front axle fork: ultrasonic tests - "Biennial"-.

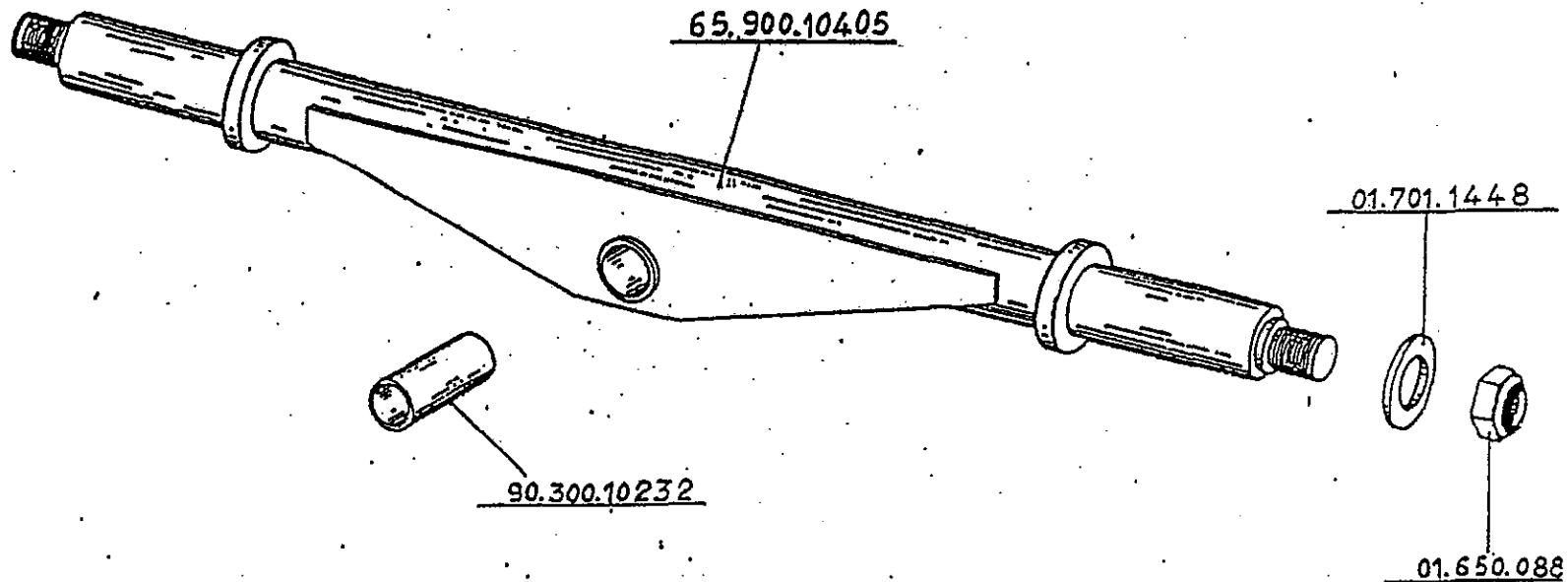
It will be good to carry out these examination cycles at least twice, as the attraction is 15 years old.

According to the results it could be possible to carry out them with longer intervals.

N.B.: a visual inspection by an expert technician is recommended for the vertical structures and for the tracks: if doubts arise during the visual inspection, use liquid dye penetrants.

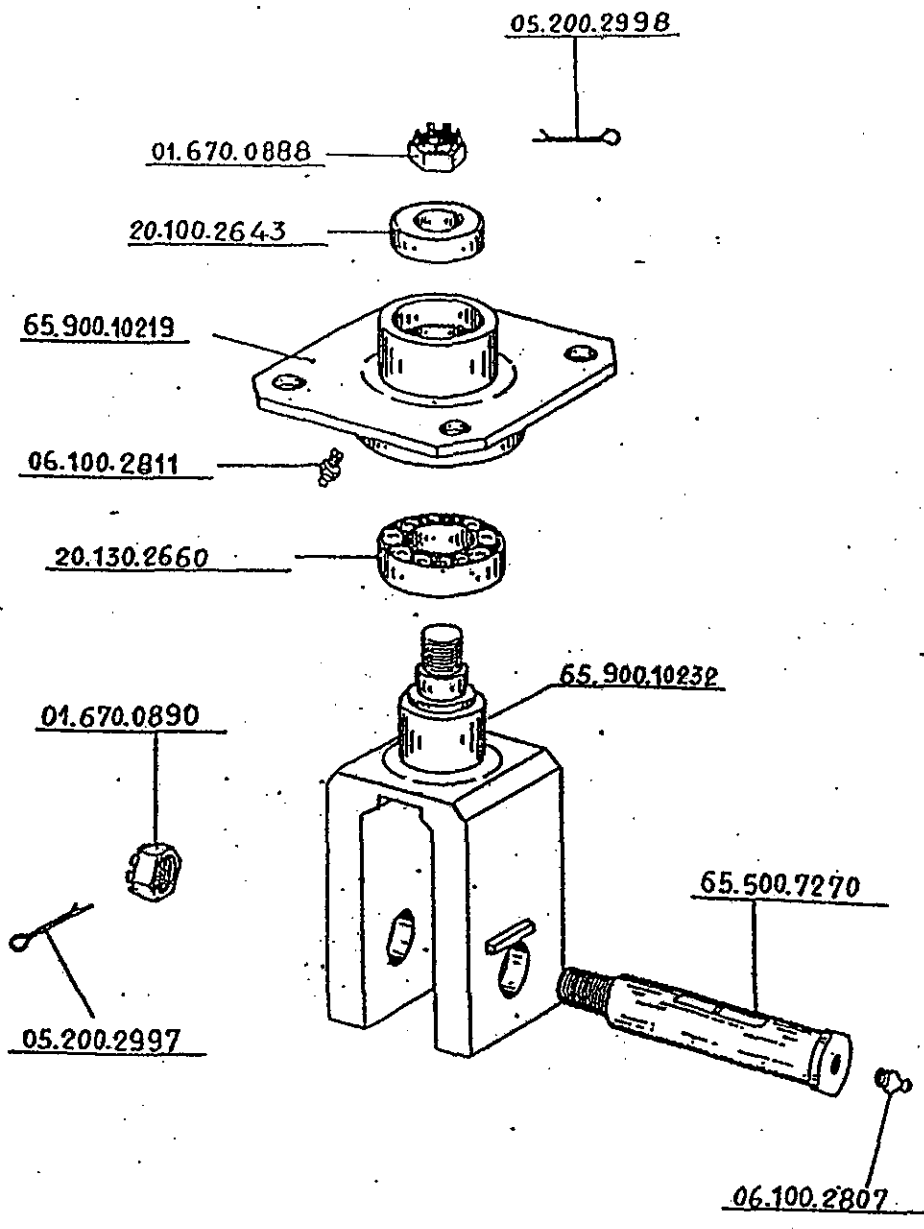
2. Spare parts: the linkage for the shoulder restraints mechanism is not in the spare parts book that we gave you. In connection with that we send you hereby a drawing of these details where we underlined the codes of forks and of the pin with elastic lock that you need.





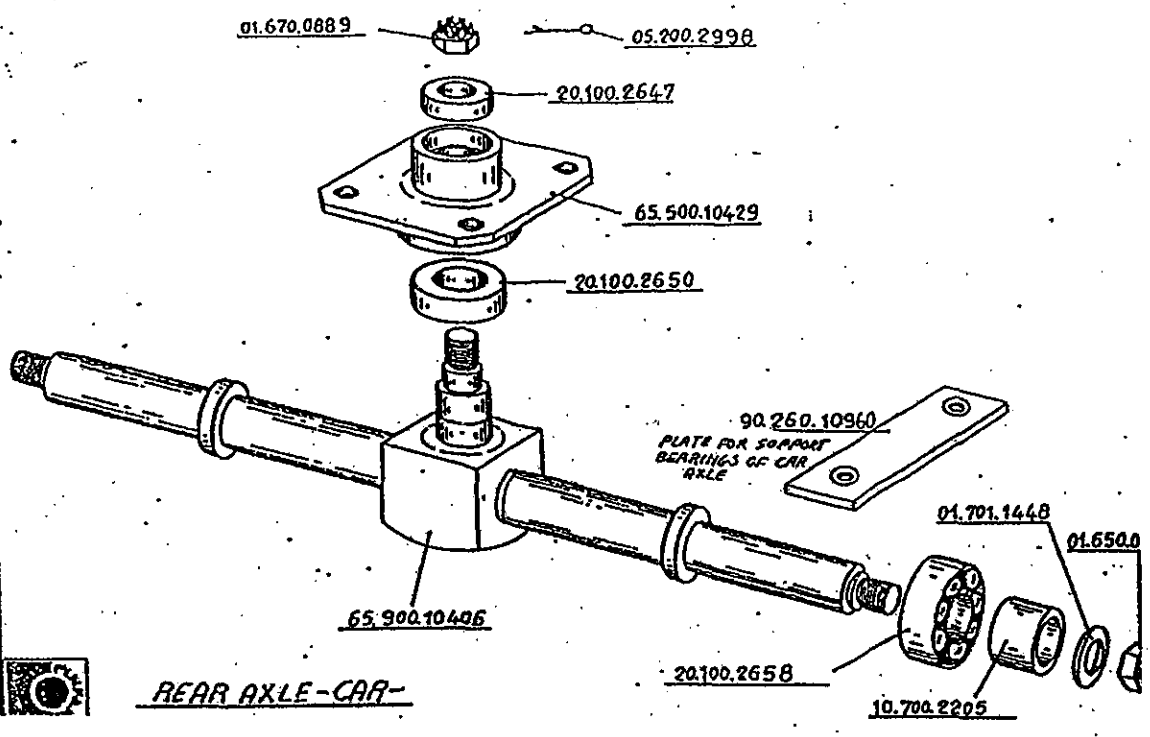
FRONT AXLE-CAR-

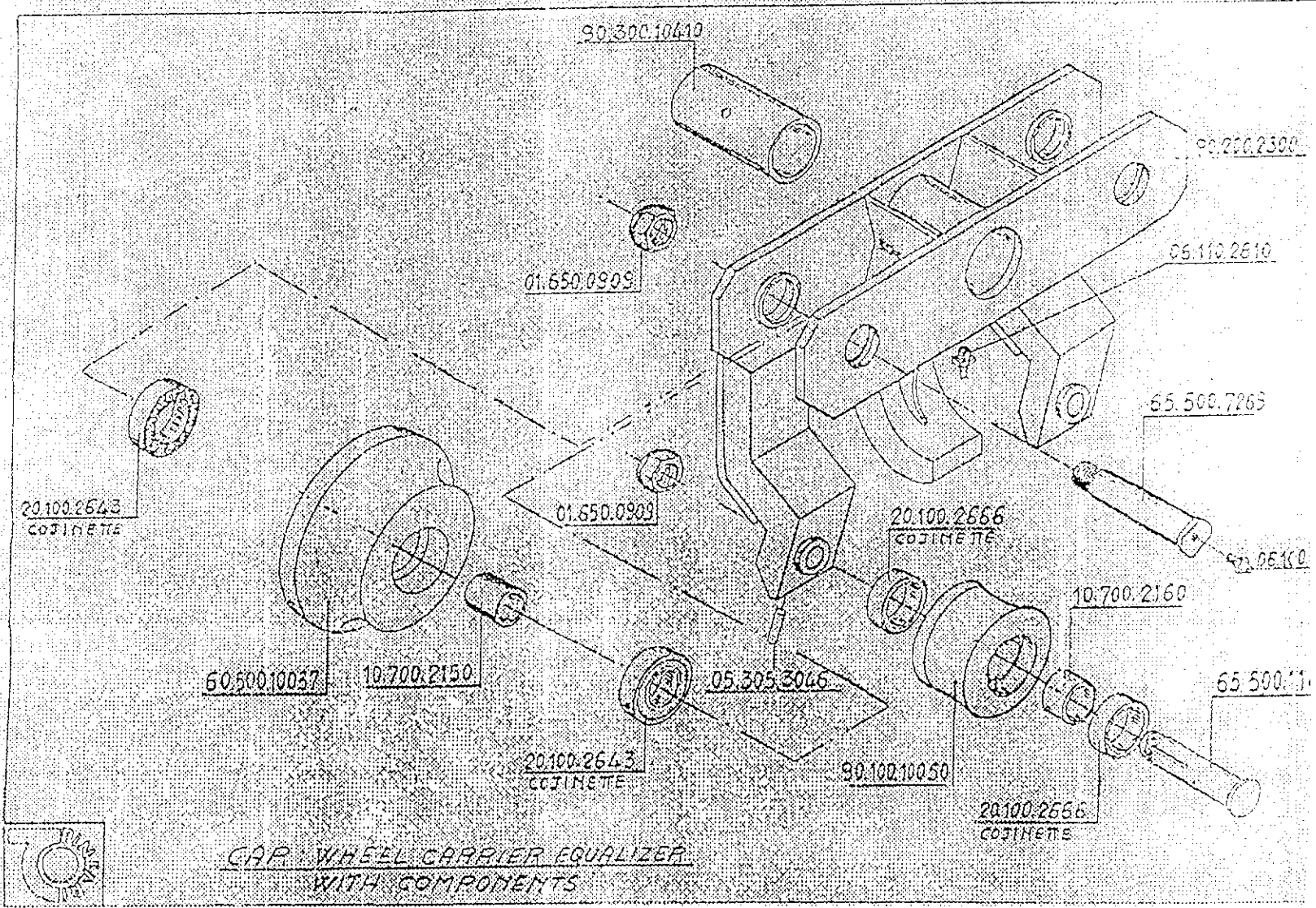




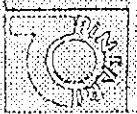
CAR: PLATE OF THE FRONT  
STEERING GEAR

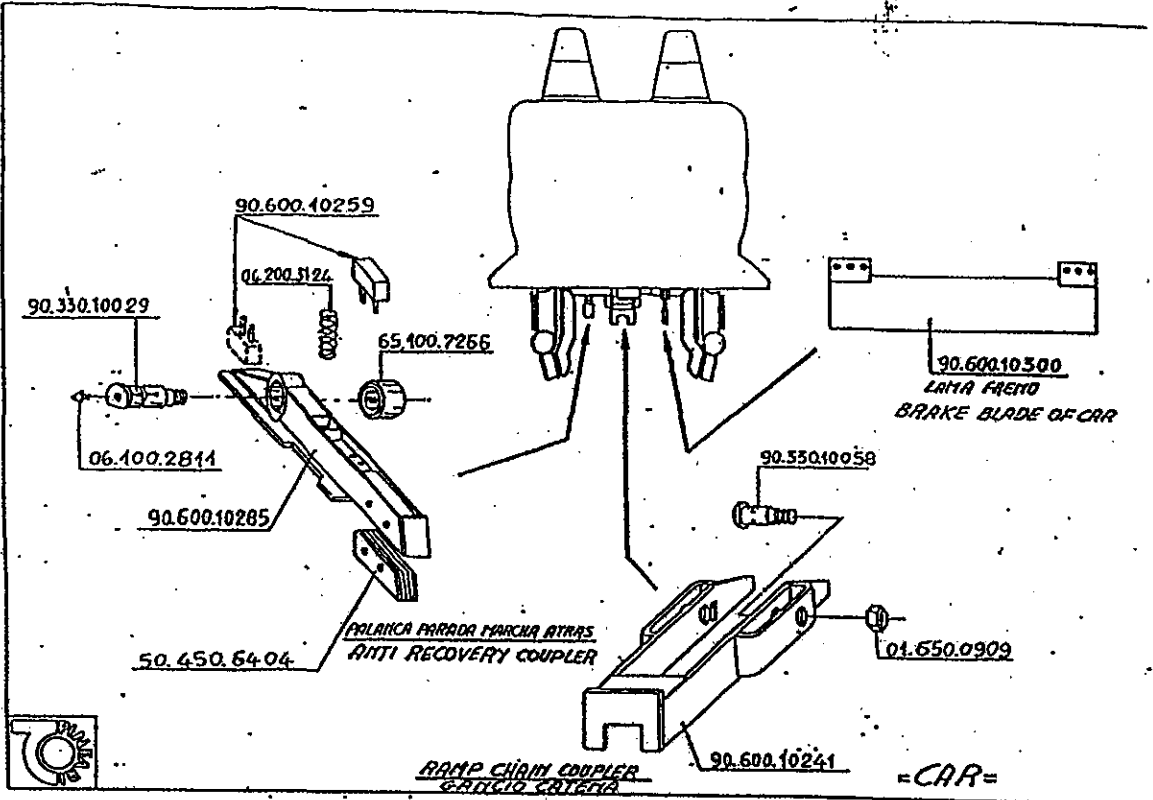




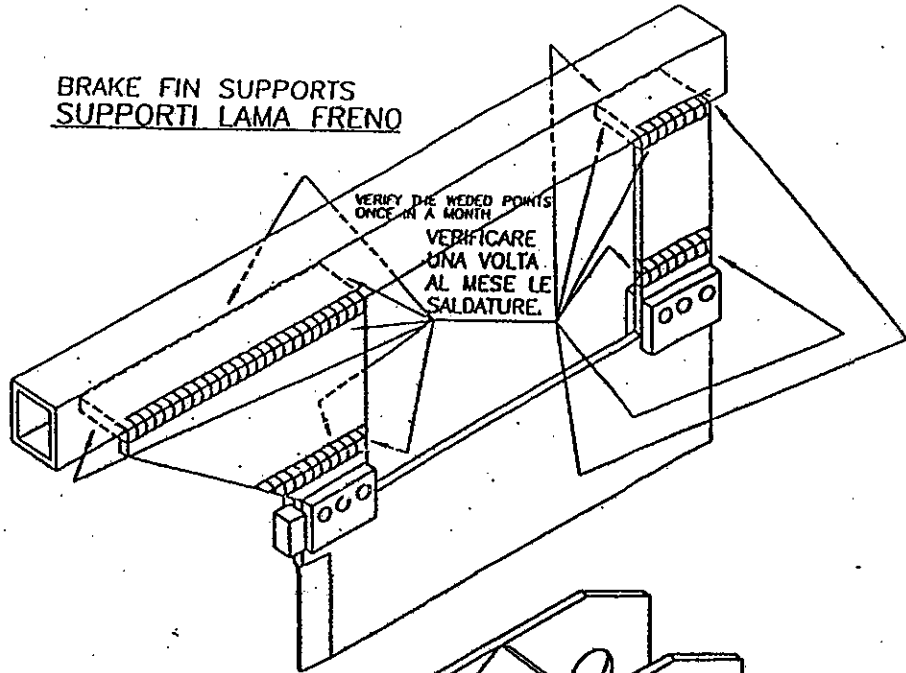


CAR WHEEL CARRIER EQUALIZER  
WITH COMPONENTS

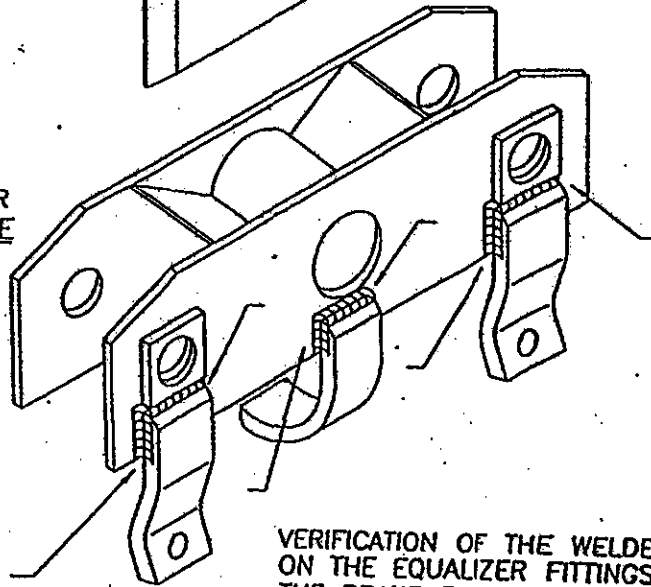




**BRAKE FIN SUPPORTS  
SUPPORTI LAMA FRENO**




**EQUALIZER  
BILANCERE**

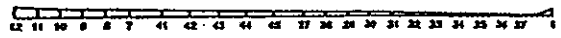


VERIFICATION OF THE WELDED POINTS  
ON THE EQUALIZER FITTINGS AND ON  
THE BRAKE FIN SUPPORT

TAB.39

F.LLI PINFARI S.r.l.		
Pz.	Tratt.	Progetto
Materiale		Disegn. MELLI
		Data 15/03/95
	VERIFICA SALDATURE SULLE STAFFE DEL BILANCERE E SUPPORTI LAMA FRENO. Z40	
	dis.NB205030	Scala ===

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STRUTTURE VERTICALI DI  
SUPPORTO (CAVALLE) E BINARI  
CON CARICO DI LAVORO ELEVATO.

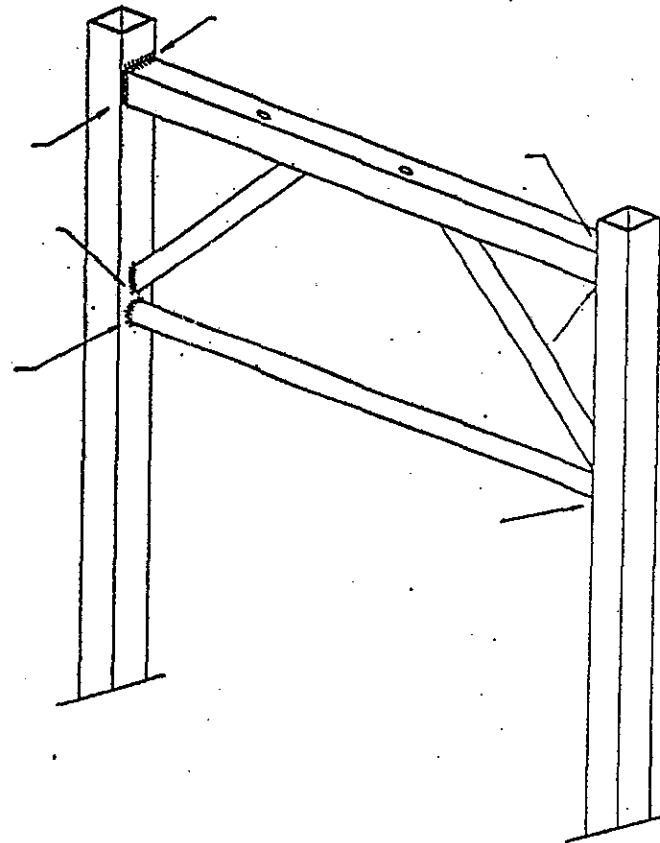
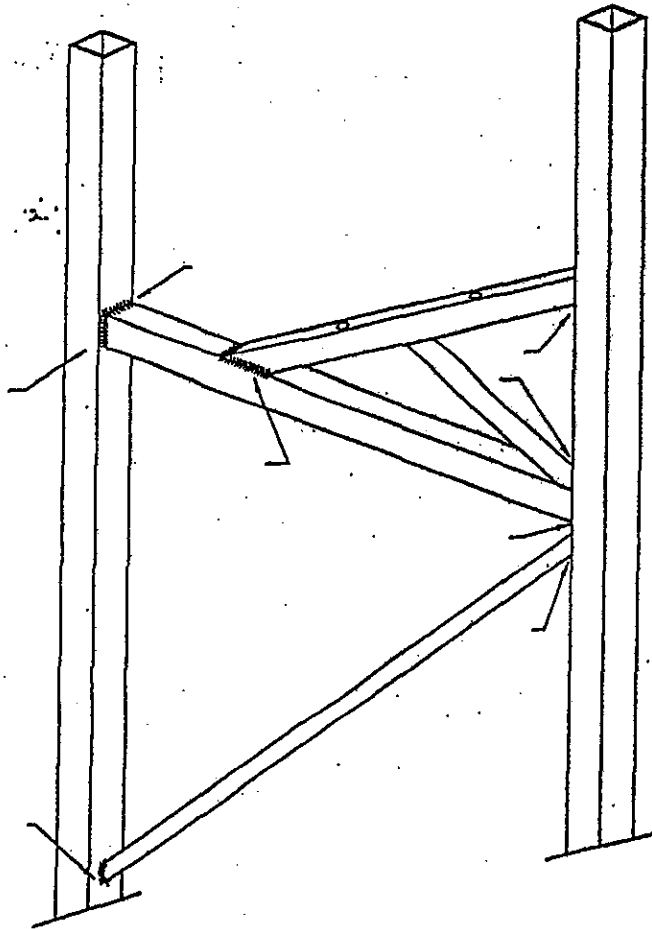
VERTICAL SUPPORTING  
STRUCTURES (STANCHIONS) AND  
TRACKS, WITH HIGH WORK LOAD.

ILLUSTRATIVE ALTIMETRICAL DRAWING

F.LI PINFARI S.r.l.	
Progetto	MEUJ
Disegnato	06/03/85
ALTIMETRICO ILLUSTRATIVO.	
Z40	


TAB.40

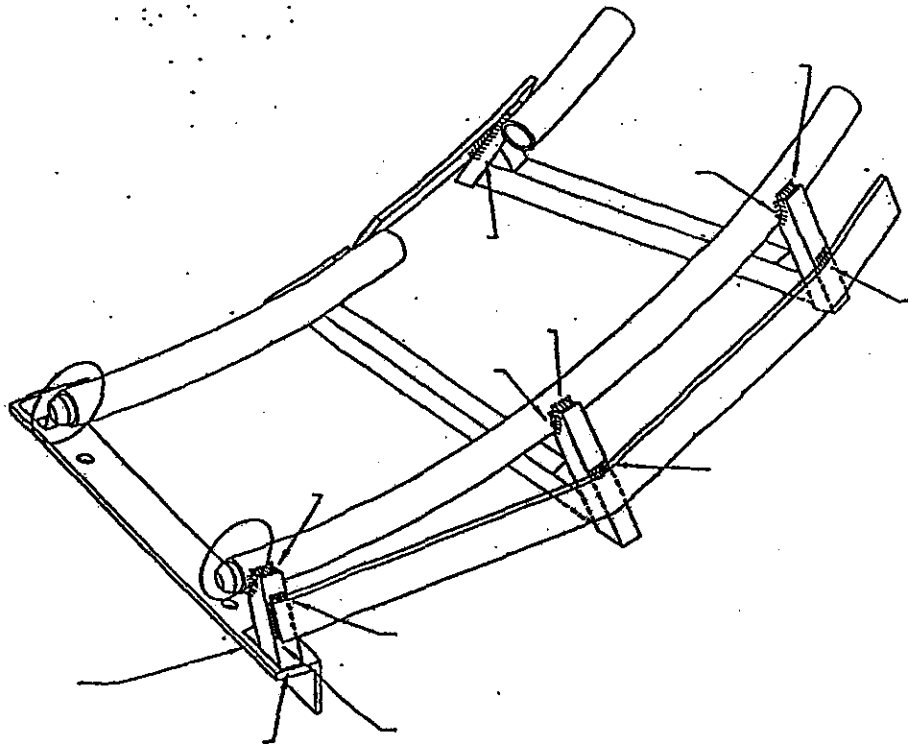




TIPOLOGIA DI UN STANCHION  
FOR WELDINGS VERIFICATION.

TAB. 41

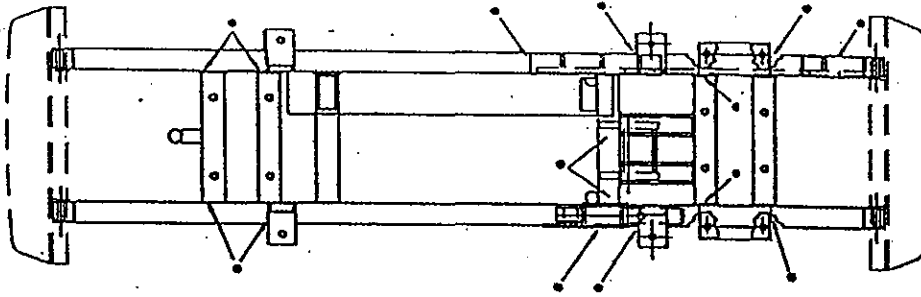
F.LLI PINFARI S.r.l.		
Pa.	Tratt.	Progetto
		Disegn. MELLI
Materiali		Data 07/03/95
 TIPOLOGIA DI UN TRALICCIO PER VERIFICA SALDATURE		



TIPOLOGIA DI UNA TRACK FOR WELDINGS  
VERIFICATION.

TAB. 42

F.LLI PINFARI S.r.l.		
Pz.	Troll.	Progetto
Materiale		Disegn. MELLI
		Data 06/03/95
	TIPOLOGIA DI UNA ROTAIA PER VERIFICA SALDATURE. Z40	
	dis.NB203011	Scala == == ==



THIS IS AN EXAMPLE SHOWING SOME POINTS THAT ARE TO BE CHECKED IN ORDER TO VERIFY IF SOME WELDED POINTS SHOW SIGNS OF SAG. THEREFORE IT IS IMPORTANT TO CHECK THEM ON ALL CARS. VERIFY ALSO THAT THERE ARE NO CRACKS NEXT TO THESE WELDED POINTS OR ALONG THE TUBE OF THE CHASSIS.

TAB.43

CHASSIS OF THE CAR SEEN FROM THE BOTTON. UPPER SIDE. CHECK EVERY 4 MONTHS.