Wheel Balance Adjustment Procedure
Bulletin Number:
SU003-99

Date:
September24, 1999

Title:
WHEEL BALANCE ADJUSTMENT PROCEDURE

Models:
'00 Celica

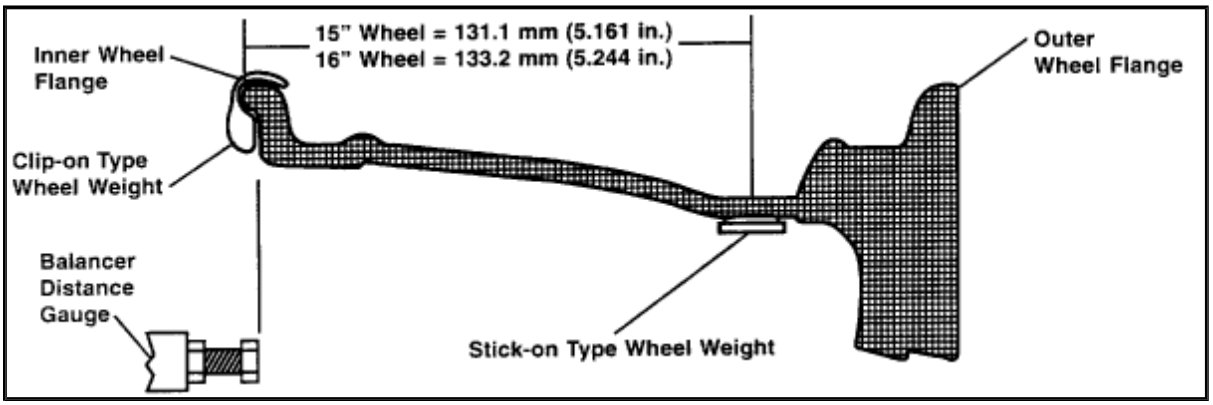
Introduction:
Celica alloy wheels have a decorative outer wheel flange which does not accept standard Toyota clip-on type wheel weights. To properly adjust wheel balance, stick-on type wheel weights must be used. Some wheel balancers do not have a "hidden weight" function which is used to measure the tire/wheel assembly imbalance in the location of the stick-on type wheel weights. The procedure included in this bulletin can be used to balance Celica tire/wheel assemblies on wheel balancers that do not have a "hidden weight" function.

Applicable Vehicles:
2000 Model Year Celica.

OPCODE	DESCRIPTION	TIME	OPN	T1	T2
-	Not Applicable to Warranty	-	-	-	-

Warranty Information

Repair Procedure:



1. Mount tire/wheel assembly on wheel balancer with the outside or decorative wheel flange opposite the wheel balancer arbor.

ACTUAL WHEEL SIZE	REVISED WHEEL SIZE
15" x 6.5" JJ	15" x 4.5"
16" x 6.5" JJ	16" x 4.5"

2. Input the revised wheel dimensions as shown:
3. Select "Wheel Flange" as the wheel weight location (clip-on type wheel weight).
4. Set the Wheel Distance (distance from inner wheel flange to a reference point on the wheel balancer) as normal.
5. Measure the tire/wheel assembly imbalance.
6. Choose the Conversion Weight for the stick-on type wheel weight using the Conversion Table below. The Conversion Weight is listed next to the Imbalance Weight.

HINT: The stick-on weight conversion is only required for the outside wheel weight location.

7. Apply the stick-on type wheel weight in the position indicated by the wheel balancer.

HINT: Make sure the wheel is clean and dry prior to applying stick-on type wheel weight.

8. Tap on the appropriate clip-on type wheel weight on the inner wheel flange in the location indicated by the wheel balancer.
9. Re-measure the tire/wheel assembly imbalance to ensure tire/wheel assembly is balanced.

IMBALANCE WEIGHT	CONVERSION WEIGHT	IMBALANCE WEIGHT	CONVERSION WEIGHT	IMBALANCE WEIGHT	CONVERSION WEIGHT
1	0	31	35	61	70
2	2.5	32	37.5	62	70
3	2.5	33	37.5	63	75
4	5	34	40	64	75
5	5	35	40	65	75
6	7.5	36	42.5	66	75
7	7.5	37	42.5	67	80
8	10	38	45	68	80
9	10	39	45	69	80
10	12.5	40	47.5	70	80
11	12.5	41	47.5	71	80
12	15	42	47.5	72	80
13	15	43	50	73	80
14	17.5	44	50	74	90
15	17.5	45	52.5	75	90
16	20	46	52.5	76	90
17	20	47	55	77	90
18	20	48	55	78	90
19	22.5	49	57.5	79	90
20	22.5	50	60	80	90
21	25	51	60	81	90
22	25	52	60	82	100
23	27.5	53	60	83	100
24	27.5	54	60	84	100
25	30	55	65	85	100
26	30	56	65	86	100
27	32.5	57	65	87	100
28	32.5	58	70	88	100
29	32.5	59	70	89	100
30	35	60	70	90	100

Conversion Table