

BUMP STEER SETUP						
<i>June 1, 2002 @ 2:00pm</i>						
DRAG LINK SETTINGS:						
	<u>LF - OUT</u>		<u>LF - IN</u>		<u>RF - IN</u>	<u>RF - OUT</u>
	0.125		0.063		0.063	FIXED
BUMP MEASUREMENTS:						
	<u>LEFT FRONT</u>				<u>RIGHT FRONT</u>	
	<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>		<u>BUMP</u>	<u>TRAVEL</u>
	0.000	0.00	0.000		0.000	0.00
	0.005	0.25	0.005		0.003	0.25
	0.006	0.50	0.005		0.003	0.50
	0.006	0.75	0.010		0.005	0.75
	0.006	1.00	0.013		0.006	1.00
	0.015	1.25	0.018		0.008	1.25
	0.020	1.50	0.023		0.011	1.50
	-0.012	1.75	0.026		0.015	1.75
	-0.042	2.00	0.030		0.015	2.00
	-0.063	2.25	0.033		0.015	2.25
	-0.110	2.50	0.036		0.017	2.50
	-0.135	2.75	0.038		0.020	2.75
	-0.190	3.00	0.038			3.00
June 15, 2002 @ 3:00pm						
DRAG LINK SETTINGS:						
	<u>LF - OUT</u>		<u>LF - IN</u>		<u>RF - IN</u>	<u>RF - OUT</u>
	0.125		0.063 (FLIPPED)		0.063	FIXED
BUMP MEASUREMENTS:						
	<u>LEFT FRONT</u>				<u>RIGHT FRONT</u>	
	<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>		<u>BUMP</u>	<u>TRAVEL</u>
	0.000	0.00	0.000		0.000	0.00
	0.008	0.25	0.000		0.003	0.25
	0.009	0.50	0.000		0.003	0.50
	0.010	0.75	0.000		0.005	0.75
	0.014	1.00	0.000		0.006	1.00
	0.018	1.25			0.008	1.25
	0.022	1.50			0.011	1.50
	0.028	1.75			0.015	1.75
	0.032	2.00			0.015	2.00
		2.25				2.25
		2.50				2.50
		2.75				2.75
		3.00				3.00

<i>July 8-9,2002</i>						
DRAG LINK SETTINGS:						
	<u>LF - OUT</u>		<u>LF - IN</u>		<u>RF - IN</u>	<u>RF - OUT</u>
	0.125		0		0.063	FIXED
BUMP MEASUREMENTS:						
	<u>LEFT FRONT</u>				<u>RIGHT FRONT</u>	
	<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>		<u>BUMP</u>	<u>TRAVEL</u>
	0.000	<i>0.00</i>	0.000		0.000	<i>0.00</i>
		<i>0.25</i>				<i>0.25</i>
		<i>0.50</i>				<i>0.50</i>
		<i>0.75</i>				<i>0.75</i>
		<i>1.00</i>				<i>1.00</i>
		<i>1.25</i>				<i>1.25</i>
		<i>1.50</i>				<i>1.50</i>
		<i>1.75</i>				<i>1.75</i>
		<i>2.00</i>				<i>2.00</i>
		<i>2.25</i>				<i>2.25</i>
		<i>2.50</i>				<i>2.50</i>
		<i>2.75</i>				<i>2.75</i>
		<i>3.00</i>				<i>3.00</i>

1995 Ford Tunderbird

Initial Chassis Setup Specifications

RIGHT FRONT CALIPER:

- 1 WASHER - TOP BOLT
- 3 WASHER - BOTTOM BOLT (1 THIN, 2 THICK) (LONG BOLT)

LEFT FRONT CALIPER:

- 2 WASHER - TOP BOLT (1 BLACK, 1 SILVER)
- 2 WASTER - BOTTOM BOLT (1 BLACK, 1 SILVER)

DRAG LINK:

LF OUTER	LF INNER	RF INNER	RF OUTER
1/8" SLUG	1/16" SLUG	1/16" SLUG	FIXED

** #1

Notes: Initial Settings, 0 slugs for caster, no camber shims, 30 psi in all tires.
Rear frame heights RR=6.25", LR=6.50"

LF		RF
5.50"	FRAME HEIGHT	5.25"
0.50* -	CAMBER	0.50* +
4.50* +	CASTER	4.75* +

** #2

Notes: Added 1/2" spacer to RF Upper Control Arm and Removed RF Wheel Spacers.
Also, removed spindle washer to allow more threads for attaching gauge.

LF		RF
5.50"	FRAME HEIGHT	5.25"
2.75* -	CAMBER	3.00* -
5.25* +	CASTER	5.00* +

** #3

Notes: Added 0.063" shim to LF Upper Control Arm and 0.25" slugs to RF Upper Arm.

LF		RF
5.50"	FRAME HEIGHT	5.25"
3.00* -	CAMBER	3.00* -
5.75* +	CASTER	4.50* +

** #4

Notes: Added 1/8" slugs to LF Upper Control Arm

LF		RF	
5.50"	FRAME HEIGHT	5.25"	
2.75* -	CAMBER	3.00* -	
5.00* +	CASTER	4.50* +	

** #5

Notes: Changed shim in LF to 0.125".

LF		RF	
5.50"	FRAME HEIGHT	5.25"	
3.50* -	CAMBER	3.00* -	
4.87* +	CASTER	4.50* +	

** #6

Notes: Changed slug in LF Upper Control Arm to 1/4". Toe set @ 1/8" OUT.

LF		RF	
5.50"	FRAME HEIGHT	5.25"	
3.25* -	CAMBER	3.00* -	
4.25* +	CASTER	4.25* +	

** #7

Notes: Change LF Inner Tie Rod SLUG to 0". Raised FRAME HEIGHT 1/2".
Toe set @ 1/8" OUT.

LF		RF	
6.00"	FRAME HEIGHT	5.75"	
2.50* -	CAMBER	2.25* -	
4.25* +	CASTER	4.25* +	

CHASSIS SETUP SHEET

DATE: 6-21-02
CAR: BGN Thunderbird - #11
TRACK: SUMMIT POINT
WEATHER: _____
TEMPERATURE: _____

<u>LF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>3.25° -</u>
Caster:	<u>4.25° +</u>
Ride Height:	<u>5.50"</u>

<u>RF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>3.00° -</u>
Caster:	<u>4.25° +</u>
Ride Height:	<u>5.25"</u>

Front Brake Bias: 0
Front Toe-Out: 1/8"
Front Sway Bar: _____
Rear End Ratio: 3.50:1
Fuel Level: FULL

<u>LR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	_____
Ride Height:	<u>6.50"</u>

<u>RR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	_____
Ride Height:	<u>6.25"</u>

LF Weight: _____

RF Weight: _____

LR Weight: _____

RR Weight: _____

Cross Weight %: _____

Rear %: _____

NOTES: _____

DRAG LINK SETTINGS:

<u>LF - OUT</u>	<u>LF - IN</u>	<u>RF - IN</u>	<u>RF - OUT</u>
<u>0.125</u>	<u>0.063 UP</u>	<u>0.063 DOWN</u>	FIXED

BUMP MEASUREMENTS:

<u>LEFT FRONT</u>			<u>RIGHT FRONT</u>		
<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>	<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000	0.000	0.00	0.000
<u>0.008</u>	0.25	<u>0</u>	<u>0.003</u>	0.25	<u>0.001</u>
<u>0.009</u>	0.50	<u>0</u>	<u>0.003</u>	0.50	<u>0.001</u>
<u>0.010</u>	0.75	<u>0</u>	<u>0.005</u>	0.75	<u>0.001</u>
<u>0.014</u>	1.00	<u>0</u>	<u>0.006</u>	1.00	<u>0.001</u>
<u>0.018</u>	1.25		<u>0.008</u>	1.25	
<u>0.022</u>	1.50		<u>0.011</u>	1.50	
<u>0.028</u>	1.75		<u>0.015</u>	1.75	
<u>0.032</u>	2.00		<u>0.015</u>	2.00	
	2.25			2.25	
	2.50			2.50	
	2.75			2.75	
	3.00			3.00	

Track/Event: SUMMIT POINT / F.A.T.T.

Date: 6-21-02 Time: 1:30 pm

Weather & Conditions: SUNNY & CLEAR 85°F

Lap Times:

1) 1 (m) 33 . 99 (s)

2) 1 (m) 37 . 69 (s)

3) 1 (m) 40 . 25 (s)

4) 1 (m) 31 . 47 (s)

5) 1 (m) 32 . 72 (s)

6) 1 (m) 29 . 49 (s)

7) 1 (m) 38 . 45 (s)

8) 1 (m) 33 . 09 (s)

9) _____ (m) _____ . _____ (s)

10) _____ (m) _____ . _____ (s)

11) _____ (m) _____ . _____ (s)

12) _____ (m) _____ . _____ (s)

13) _____ (m) _____ . _____ (s)

14) _____ (m) _____ . _____ (s)

15) _____ (m) _____ . _____ (s)

16) _____ (m) _____ . _____ (s)

17) _____ (m) _____ . _____ (s)

18) _____ (m) _____ . _____ (s)

19) _____ (m) _____ . _____ (s)

20) _____ (m) _____ . _____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: _____ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: _____ (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: _____ (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: _____ (psi)

Notes:

REV LIMITER = 5000 RPM
WATER TEMP = 190°F
OIL TEMP = 210°F

Track/Event: SUMMIT POINT / F.A.T.T.

Date: 6-21-02 Time: 4:30 pm

Weather & Conditions: SUNNY & CLEAR 85°F

Lap Times:

- | | |
|--|---------------------------------|
| 1) <u>3</u> (m) <u>22</u> . <u>73</u> (s) | 11) _____ (m) _____ . _____ (s) |
| 2) <u>1</u> (m) <u>34</u> . <u>53</u> (s) | 12) _____ (m) _____ . _____ (s) |
| 3) <u>1</u> (m) <u>33</u> . <u>75</u> (s) | 13) _____ (m) _____ . _____ (s) |
| 4) <u>1</u> (m) <u>29</u> . <u>85</u> (s) | 14) _____ (m) _____ . _____ (s) |
| 5) <u>1</u> (m) <u>28</u> . <u>65</u> (s) | 15) _____ (m) _____ . _____ (s) |
| 6) <u>1</u> (m) <u>29</u> . <u>10</u> (s) | 16) _____ (m) _____ . _____ (s) |
| 7) <u>1</u> (m) <u>30</u> . <u>55</u> (s) | 17) _____ (m) _____ . _____ (s) |
| 8) <u>1</u> (m) <u>38</u> . <u>16</u> (s) | 18) _____ (m) _____ . _____ (s) |
| 9) <u>1</u> (m) <u>33</u> . <u>67</u> (s) | 19) _____ (m) _____ . _____ (s) |
| 10) <u>1</u> (m) <u>28</u> . <u>77</u> (s) | 20) _____ (m) _____ . _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: _____ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: _____ (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: _____ (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: _____ (psi)

Notes:

CHASSIS SETUP SHEET

DATE: 7-8-02
CAR: BGN Thunderbird - #11
TRACK: WATKINS GLEN
WEATHER: _____
TEMPERATURE: _____

<u>LF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>-2.50°</u>
Caster:	<u>+4.25°</u>
Ride Height:	<u>6.00"</u>

<u>RF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>-2.25°</u>
Caster:	<u>+4.25°</u>
Ride Height:	<u>5.75"</u>

Front Brake Bias: 0
Front Toe-Out: 1/8"
Front Sway Bar: _____
Rear End Ratio: 3.50:1
Fuel Level: FULL

<u>LR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	<u>+1.35°</u>
Ride Height:	<u>7.00"</u>

<u>RR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	<u>-1.50°</u>
Ride Height:	<u>6.75"</u>

LF Weight: _____

RF Weight: _____

LR Weight: _____

RR Weight: _____

Cross Weight %: _____

Rear %: _____

NOTES: _____

DRAG LINK SETTINGS:

LF - OUT

1/8"

LF - IN

0"

RF - IN

1/16" Down

RF - OUT

FIXED

BUMP MEASUREMENTS:

LEFT FRONT

<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000
_____	0.25	_____
_____	0.50	_____
_____	0.75	_____
_____	1.00	_____
_____	1.25	_____
_____	1.50	_____
_____	1.75	_____
_____	2.00	_____
_____	2.25	_____
_____	2.50	_____
_____	2.75	_____
_____	3.00	_____

RIGHT FRONT

<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000
_____	0.25	_____
_____	0.50	_____
_____	0.75	_____
_____	1.00	_____
_____	1.25	_____
_____	1.50	_____
_____	1.75	_____
_____	2.00	_____
_____	2.25	_____
_____	2.50	_____
_____	2.75	_____
_____	3.00	_____

Track/Event: WATKINS GLEN / CAR BOYS

Date: 7-8-02 Time: 9:30 AM

Weather & Conditions: CLEAR 75°

Lap Times:

1) 2 (m) 41 . 79 (s)

2) 2 (m) 36 . 24 (s)

3) 2 (m) 35 . 91 (s)

4) 2 (m) 33 . 85 (s)

5) 2 (m) 29 . 17 (s)

6) 2 (m) 30 . 69 (s)

7) 2 (m) 30 . 50 (s)

8) ____ (m) ____ . ____ (s)

9) ____ (m) ____ . ____ (s)

10) ____ (m) ____ . ____ (s)

11) ____ (m) ____ . ____ (s)

12) ____ (m) ____ . ____ (s)

13) ____ (m) ____ . ____ (s)

14) ____ (m) ____ . ____ (s)

15) ____ (m) ____ . ____ (s)

16) ____ (m) ____ . ____ (s)

17) ____ (m) ____ . ____ (s)

18) ____ (m) ____ . ____ (s)

19) ____ (m) ____ . ____ (s)

20) ____ (m) ____ . ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: 33 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: 33 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: 33 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: 33 (psi)

Notes:

Rev Limiter : 5000

Oil Temp : 190

Water Temp : 190

* 6 GALLONS

HOBBS

START	3.1
STOP	3.8
	<u>0.7</u>

Track/Event: Watkins Glen / Car Guys

Date: 7-8-02 Time: 12:30 p.m.

Weather & Conditions: Clear 80°

Lap Times:

- 1) 2 (m) 51.95 (s)
- 2) 2 (m) 19.88 (s)
- 3) 2 (m) 25.76 (s)
- 4) 2 (m) 24.16 (s)
- 5) 2 (m) 32.25 (s)
- 6) 2 (m) 24.95 (s)
- 7) 2 (m) 28.30 (s)
- 8) 2 (m) 22.75 (s)
- 9) 2 (m) 25.50 (s)
- 10) 2 (m) 30.44 (s)

- 11) _____ (m) _____ (s)
- 12) _____ (m) _____ (s)
- 13) _____ (m) _____ (s)
- 14) _____ (m) _____ (s)
- 15) _____ (m) _____ (s)
- 16) _____ (m) _____ (s)
- 17) _____ (m) _____ (s)
- 18) _____ (m) _____ (s)
- 19) _____ (m) _____ (s)
- 20) _____ (m) _____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 37 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 37 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 38 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 37 (psi)

Notes:

REV LIMITER = 7000
OIL TEMP = 216
WATER TEMP = 195

5.5 GALLONS
HOBBBS
START 3.8
STOP 4.3
0.5

Track/Event: Watkins Glen / Car Guys

Date: 7-8-02 Time: 2:30 p.m.

Weather & Conditions: Clear 85°

Lap Times:

- 1) 2 (m) 47.59 (s)
- 2) 2 (m) 27.60 (s)
- 3) 2 (m) 22.27 (s)
- 4) 2 (m) 27.75 (s)
- 5) 2 (m) 26.36 (s)
- 6) 2 (m) 21.96 (s)
- 7) 2 (m) 22.36 (s)
- 8) 2 (m) 25.50 (s)
- 9) 2 (m) 31.20 (s)
- 10) 2 (m) 27.78 (s)
- 11) ____ (m) ____ (s)
- 12) ____ (m) ____ (s)
- 13) ____ (m) ____ (s)
- 14) ____ (m) ____ (s)
- 15) ____ (m) ____ (s)
- 16) ____ (m) ____ (s)
- 17) ____ (m) ____ (s)
- 18) ____ (m) ____ (s)
- 19) ____ (m) ____ (s)
- 20) ____ (m) ____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: ____ (psi) Hot: 37 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: ____ (psi) Hot: 37 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: ____ (psi) Hot: 38 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: ____ (psi) Hot: 37 (psi)

Notes:

REV LIMITER = 7000
 OIL TEMP = 210
 WATER TEMP = 195

4.5 GALLONS
HOBS
 START ~~3.84.3~~
 STOP 4.7
0.4

Track/Event: Watkins Glen | Car Guys

Date: 7-9-02 Time: 9:30 a.m.

Weather & Conditions: CLOUDY 70° RAIN?? → NO

Lap Times:

- | | |
|--|---------------------------------|
| 1) <u>2</u> (m) <u>38</u> . <u>82</u> (s) | 11) _____ (m) _____ . _____ (s) |
| 2) <u>2</u> (m) <u>24</u> . <u>62</u> (s) | 12) _____ (m) _____ . _____ (s) |
| 3) <u>2</u> (m) <u>35</u> . <u>63</u> (s) | 13) _____ (m) _____ . _____ (s) |
| 4) <u>2</u> (m) <u>21</u> . <u>35</u> (s) | 14) _____ (m) _____ . _____ (s) |
| 5) <u>2</u> (m) <u>19</u> . <u>67</u> (s) | 15) _____ (m) _____ . _____ (s) |
| 6) <u>2</u> (m) <u>23</u> . <u>69</u> (s) | 16) _____ (m) _____ . _____ (s) |
| 7) <u>2</u> (m) <u>22</u> . <u>01</u> (s) | 17) _____ (m) _____ . _____ (s) |
| 8) <u>2</u> (m) <u>18</u> . <u>17</u> (s) | 18) _____ (m) _____ . _____ (s) |
| 9) <u>2</u> (m) <u>22</u> . <u>61</u> (s) | 19) _____ (m) _____ . _____ (s) |
| 10) <u>2</u> (m) <u>24</u> . <u>32</u> (s) | 20) _____ (m) _____ . _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: 36 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: 36 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: 36 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: 36 (psi)

Notes:

REV = 7000
 OIL TEMP = 210
 WATER TEMP = 190
 OIL PRESSURE ?? → 20 PSI

HOBBS
 START 4.7
 STOP 5.3

WGIF RADIO = 451.5375

Track/Event: Watkins Glen / Car Guys

Date: 7-9-02 Time: 12:30 p.m.

Weather & Conditions: Cloudy 70° Rain^{light} last 2 laps

Lap Times:

- | | |
|--|---------------------------------|
| 1) <u>2</u> (m) <u>45</u> . <u>45</u> (s) | 11) _____ (m) _____ . _____ (s) |
| 2) <u>2</u> (m) <u>27</u> . <u>92</u> (s) | 12) _____ (m) _____ . _____ (s) |
| 3) <u>2</u> (m) <u>22</u> . <u>98</u> (s) | 13) _____ (m) _____ . _____ (s) |
| 4) <u>2</u> (m) <u>23</u> . <u>52</u> (s) | 14) _____ (m) _____ . _____ (s) |
| 5) <u>2</u> (m) <u>22</u> . <u>08</u> (s) | 15) _____ (m) _____ . _____ (s) |
| 6) <u>2</u> (m) <u>23</u> . <u>88</u> (s) | 16) _____ (m) _____ . _____ (s) |
| 7) <u>2</u> (m) <u>21</u> . <u>75</u> (s) | 17) _____ (m) _____ . _____ (s) |
| 8) <u>2</u> (m) <u>27</u> . <u>10</u> (s) | 18) _____ (m) _____ . _____ (s) |
| 9) <u>2</u> (m) <u>21</u> . <u>17</u> (s) | 19) _____ (m) _____ . _____ (s) |
| 10) <u>2</u> (m) <u>26</u> . <u>21</u> (s) | 20) _____ (m) _____ . _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

Notes:

Rev = 7000
OIL Temp = 210
Water Temp = 195
OIL Pressure = 40

CHANGED OIL & FILTER
MOBIL 1 15W-50
8 QUARTS

HOBBS
START 5.3
STOP 5.8
0.5

Track/Event: Watkins Glen / Car Guys

Date: 7-9-02

Time: 2:30 p.m.

Weather & Conditions: CLOUDY 70° RAIN!!

Lap Times:

- | | |
|----------------------------------|-------------------------|
| 1) <u>2</u> (m) <u>45.99</u> (s) | 11) _____ (m) _____ (s) |
| 2) <u>2</u> (m) <u>28.25</u> (s) | 12) _____ (m) _____ (s) |
| 3) <u>2</u> (m) <u>27.32</u> (s) | 13) _____ (m) _____ (s) |
| 4) <u>2</u> (m) <u>28.33</u> (s) | 14) _____ (m) _____ (s) |
| 5) <u>2</u> (m) <u>34.13</u> (s) | 15) _____ (m) _____ (s) |
| 6) <u>2</u> (m) <u>34.04</u> (s) | 16) _____ (m) _____ (s) |
| 7) <u>2</u> (m) <u>44.71</u> (s) | 17) _____ (m) _____ (s) |
| 8) <u>2</u> (m) <u>56.10</u> (s) | 18) _____ (m) _____ (s) |
| 9) <u>3</u> (m) <u>05.56</u> (s) | 19) _____ (m) _____ (s) |
| 10) _____ (m) _____ (s) | 20) _____ (m) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 33 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 33 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 33 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 33 (psi)

Notes:

REV = 7000
 OIL TEMP = 200
 WATER TEMP = 185
 OIL PRESSURE = 40
 ADDED 1 QUART OIL

HOBBS
 START 5.8
 STOP 6.3
0.5

CHASSIS SETUP SHEET

DATE: 8-10-02
CAR: BGN Thunderbird - #11
TRACK: Pocahontas
WEATHER: _____
TEMPERATURE: _____

<u>LF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>-2.50°</u>
Caster:	<u>+4.25°</u>
Ride Height:	<u>6.00"</u>

<u>RF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>-2.25°</u>
Caster:	<u>+4.25°</u>
Ride Height:	<u>5.75"</u>

Front Brake Bias: 0
Front Toe-Out: 1/8"
Front Sway Bar: _____
Rear End Ratio: 3.50:1
Fuel Level: FULL

<u>LR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	<u>+1.35°</u>
Ride Height:	<u>7.00"</u>

<u>RR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	<u>-1.50°</u>
Ride Height:	<u>6.75"</u>

LF Weight: _____

RF Weight: _____

LR Weight: _____

RR Weight: _____

Cross Weight %: _____

Rear %: _____

NOTES:

DRAG LINK SETTINGS:

LF - OUT

1/8"

LF - IN

0"

RF - IN

1/16" Down

RF - OUT

FIXED

BUMP MEASUREMENTS:

LEFT FRONT

<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000
_____	0.25	_____
_____	0.50	_____
_____	0.75	_____
_____	1.00	_____
_____	1.25	_____
_____	1.50	_____
_____	1.75	_____
_____	2.00	_____
_____	2.25	_____
_____	2.50	_____
_____	2.75	_____
_____	3.00	_____

RIGHT FRONT

<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000
_____	0.25	_____
_____	0.50	_____
_____	0.75	_____
_____	1.00	_____
_____	1.25	_____
_____	1.50	_____
_____	1.75	_____
_____	2.00	_____
_____	2.25	_____
_____	2.50	_____
_____	2.75	_____
_____	3.00	_____

Track/Event: POCONO w/PDA

Date: 8-10-02 Time: 9:30 AM

Weather & Conditions: CLEAR 70°

Lap Times:

- 1) ____ (m) ____ . ____ (s)
- 2) ____ (m) ____ . ____ (s)
- 3) ____ (m) ____ . ____ (s)
- 4) ____ (m) ____ . ____ (s)
- 5) ____ (m) ____ . ____ (s)
- 6) ____ (m) ____ . ____ (s)
- 7) ____ (m) ____ . ____ (s)
- 8) ____ (m) ____ . ____ (s)
- 9) ____ (m) ____ . ____ (s)
- 10) ____ (m) ____ . ____ (s)
- 11) ____ (m) ____ . ____ (s)
- 12) ____ (m) ____ . ____ (s)
- 13) ____ (m) ____ . ____ (s)
- 14) ____ (m) ____ . ____ (s)
- 15) ____ (m) ____ . ____ (s)
- 16) ____ (m) ____ . ____ (s)
- 17) ____ (m) ____ . ____ (s)
- 18) ____ (m) ____ . ____ (s)
- 19) ____ (m) ____ . ____ (s)
- 20) ____ (m) ____ . ____ (s)

Blown

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: ____ (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: ____ (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: ____ (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: ____ (psi)

Notes:

CHASSIS SETUP SHEET

DATE: 11-8-02
CAR: BGN Thunderbird - #11
TRACK: SUMMIT POINT
WEATHER: _____
TEMPERATURE: _____

<u>LF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>-2.50°</u>
Caster:	<u>+4.25°</u>
Ride Height:	<u>6.00"</u>

<u>RF</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>160</u>
Shock Rebound:	<u>350</u>
Spring Rate:	<u>1000#</u>
Camber:	<u>-2.25°</u>
Caster:	<u>+4.25°</u>
Ride Height:	<u>5.75"</u>

Front Brake Bias: 0
Front Toe-Out: 1/8"
Front Sway Bar: _____
Rear End Ratio: 3.50:1
Fuel Level: FULL

<u>LR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	<u>+1.35°</u>
Ride Height:	<u>7.00"</u>

<u>RR</u>	
Tire Pressure:	<u>30 psi</u>
Tire Size:	<u>D5704</u>
Shock Compression:	<u>110</u>
Shock Rebound:	<u>275</u>
Spring Rate:	<u>250#</u>
Camber:	<u>-1.50°</u>
Ride Height:	<u>6.75"</u>

LF Weight: _____

RF Weight: _____

LR Weight: _____

RR Weight: _____

Cross Weight %: _____

Rear %: _____

NOTES: FIRST SHUTDOWN WITH 351 FENLIDE
* 660 HP
* DRY SUMP - 22 QUARTS OIL

DRAG LINK SETTINGS:

LF - OUT

1/8"

LF - IN

0"

RF - IN

1/16" down

RF - OUT

FIXED

BUMP MEASUREMENTS:

LEFT FRONT

<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000
_____	0.25	_____
_____	0.50	_____
_____	0.75	_____
_____	1.00	_____
_____	1.25	_____
_____	1.50	_____
_____	1.75	_____
_____	2.00	_____
_____	2.25	_____
_____	2.50	_____
_____	2.75	_____
_____	3.00	_____

RIGHT FRONT

<u>BUMP</u>	<u>TRAVEL</u>	<u>REBOUND</u>
0.000	0.00	0.000
_____	0.25	_____
_____	0.50	_____
_____	0.75	_____
_____	1.00	_____
_____	1.25	_____
_____	1.50	_____
_____	1.75	_____
_____	2.00	_____
_____	2.25	_____
_____	2.50	_____
_____	2.75	_____
_____	3.00	_____

Track/Event: SUMMIT POINT / F.A.T.T.

Date: 11-8-02 Time: 1:30 pm

Weather & Conditions: SONNY 68° BREEZY

Lap Times:

- | | |
|-----------------------------------|-------------------------|
| 1) <u>1</u> (m) <u>27.80</u> (s) | 11) _____ (m) _____ (s) |
| 2) <u>1</u> (m) <u>32.41</u> (s) | 12) _____ (m) _____ (s) |
| 3) <u>1</u> (m) <u>27.94</u> (s) | 13) _____ (m) _____ (s) |
| 4) <u>1</u> (m) <u>28.06</u> (s) | 14) _____ (m) _____ (s) |
| 5) <u>1</u> (m) <u>43.50</u> (s) | 15) _____ (m) _____ (s) |
| 6) <u>1</u> (m) <u>28.40</u> (s) | 16) _____ (m) _____ (s) |
| 7) <u>1</u> (m) <u>32.50</u> (s) | 17) _____ (m) _____ (s) |
| 8) <u>1</u> (m) <u>42.89</u> (s) | 18) _____ (m) _____ (s) |
| 9) <u>1</u> (m) <u>39.42</u> (s) | 19) _____ (m) _____ (s) |
| 10) <u>1</u> (m) <u>50.64</u> (s) | 20) _____ (m) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: 38 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: 35 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: 30 (psi) Hot: 37 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: 30 (psi) Hot: 36 (psi)

Notes:

REV LIMITER = 7000 RPM
WATER TEMP = 170°F
OIL TEMP = 170°F

HOBBS
START 7.5/8.0
STOP 8.4

Track/Event: SUMMIT DOZNT / F.A.T.T.

Date: 11-8-02 Time: 3:00 pm

Weather & Conditions: 68° F BREEZY

Lap Times:

- | | |
|-----------------------------------|-----------------------------------|
| 1) <u>1</u> (m) <u>43.73</u> (s) | 11) <u>1</u> (m) <u>24.87</u> (s) |
| 2) <u>1</u> (m) <u>38.80</u> (s) | 12) <u>1</u> (m) <u>27.25</u> (s) |
| 3) <u>1</u> (m) <u>29.98</u> (s) | 13) _____ (s) |
| 4) <u>1</u> (m) <u>27.52</u> (s) | 14) _____ (s) |
| 5) <u>1</u> (m) <u>30.31</u> (s) | 15) _____ (s) |
| 6) <u>1</u> (m) <u>36.12</u> (s) | 16) _____ (s) |
| 7) <u>1</u> (m) <u>28.13</u> (s) | 17) _____ (s) |
| 8) <u>1</u> (m) <u>29.69</u> (s) | 18) _____ (s) |
| 9) <u>1</u> (m) <u>33.73</u> (s) | 19) _____ (s) |
| 10) <u>1</u> (m) <u>28.83</u> (s) | 20) _____ (s) |

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 38 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 37 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 36 (psi)

Notes:

WATER TEMP = 180°F
OIL TEMP = 180°F

HOBBS
START 8.4
STOP 8.8

Track/Event: SOMMIT POINT / F.A.T.T.

Date: 11-8-02 Time: 4:30 pm

Weather & Conditions: 65°F

Lap Times:

1) 1 (m) 48.89 (s)

2) 1 (m) 32.18 (s)

3) 1 (m) 28.98 (s)

4) 1 (m) 28.62 (s)

5) 1 (m) 31.42 (s)

6) 1 (m) 34.58 (s)

7) 1 (m) 32.12 (s)

8) 1 (m) 38.86 (s)

9) 1 (m) 44.92 (s)

10) 1 (m) 28.02 (s)

11) 1 (m) 34.08 (s)

12) 1 (m) 36.29 (s)

13) 1 (m) 35.80 (s)

14) _____ (m) _____ (s)

15) _____ (m) _____ (s)

16) _____ (m) _____ (s)

17) _____ (m) _____ (s)

18) _____ (m) _____ (s)

19) _____ (m) _____ (s)

20) _____ (m) _____ (s)

LEFT FRONT

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 37 (psi)

RIGHT FRONT

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

LEFT REAR

Outside	Middle	Inside
°F	°F	°F

Cold: _____ (psi) Hot: 36 (psi)

RIGHT REAR

Inside	Middle	Outside
°F	°F	°F

Cold: _____ (psi) Hot: 35 (psi)

Notes:

WATER TEMP = 180°F

OIL TEMP = 180°F

HOBBS
START 8.4
STOP 9.2