Where Performance Meets Profit: The Dealer Body Shop





Scott Rome Rome Technologies Pasadena, MD 800-373-ROME

scott@rometech.com

#Measure2Manage #NADA2016

NATIONAL AUTOMOBILE DEALERS ASSOCIATION

The views and opinions presented in this educational program and any accompanying handout material are those of the speakers, and do not necessarily represent the views or opinions of NADA. The speakers are not NADA representatives, and their presence on the program is not a NADA endorsement or sponsorship of the speaker or the speaker's company, product, or services.

Nothing that is presented during this educational program is intended as legal advice, and this program may not address all federal, state, or local regulatory or other legal issues raised by the subject matter it addresses. The purpose of the program is to help dealers improve the effectiveness of their business practices. The information presented is also not intended to urge or suggest that dealers adopt any specific practices or policies for their dealerships, nor is it intended to encourage concerted action among competitors or any other action on the part of dealers that would in any manner fix or stabilize the price or any element of the price of any good or service.



Where Performance Meets Profit: The Dealer Body Shop



30-50%

PERFORMANCE INCREASE

8-12%

INCREASE IN NET PROFIT



Finite Marketplace

Cycle-Time

NATIONAL AUTOMOBILE DEALERS ASSOCIATION

#NADA2016



Cycle-Time

INSURANCE





FACTORY WORLD





Does This Sound Familiar?





Primary Stumbling Block

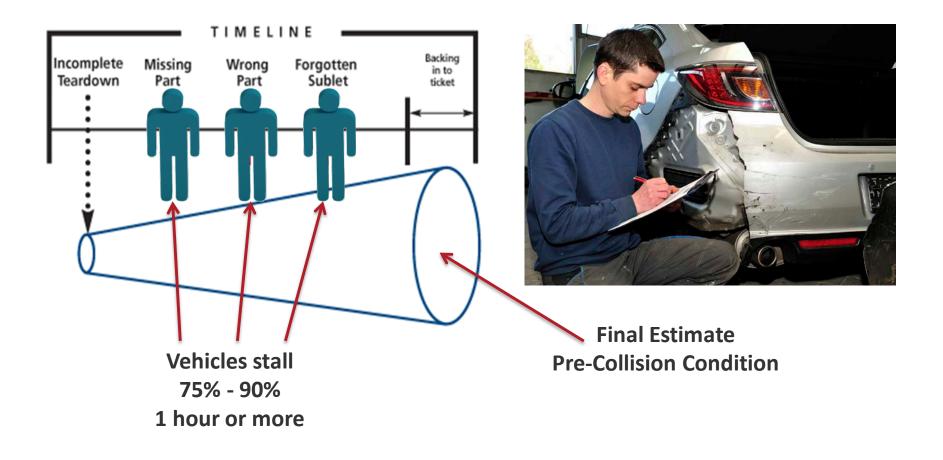


EVERY JOB IS CUSTOM

#NADA2016



Reactive Collision Center



Symptoms: Reactive Collision Center

- Folders everywhere
- Phones ringing off the hook
- Comebacks are the norm, not the exception
- Parts returns over 3%
- Revenue spiking at the end of the month
- Double entry everywhere
- Balancing tickets to DMS for hours on end (50-250 hours a month)
- Receivables more than 10% in 30 days
- Supplements greater than 5% after teardown
- Every mistake = reduced production
- Every mistake takes money off the bottom line
- Controlled chaos





Body Technician Score Card



Monthly Revenue Per Body Technician:

- \$100,000 = A++ shop
- \$85,000 = A+ shop
- \$70,000 = A shop
- \$60,000 = B shop
- \$50,000 = C shop
- \$40,000 or less = D shop



Proactive Factory

Best Practices:

- Procedures
- People
- Technology
- Benchmark
- Analysis/Consulting
- Collaboration and Training





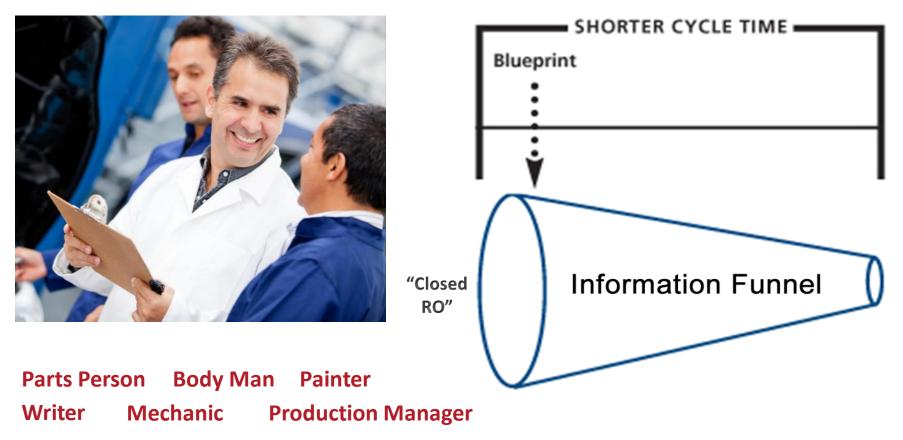
Best Practices

PROCEDURES



Procedures – Blueprinting

Blueprinting





Procedures – Writer QC Checklist

ESTIMATE QUALITY ASSURANCE CHECKLIST

Complete Tear Down

SIGNATURE/REVIEWED

Engine Scanner OEM Schematics for All Manufacturers Internet Access Estimates Written at Car Parts Price Checking Pre-Estimate Test Drive



Procedures – GAME CHANGER



Full vision of the pre-collision condition vehicle before we begin the repair



Procedures – Mirror Matching

- Upon receipt
- Parts dispatch
- Test Fit
- Signatures
- Before the car goes to Paint



A GREAT BODYSHOP HAS A GREAT PARTS DEPARTMENT

Procedures – Quality Assurance Checking



- Body to Paint
- Paint to Body
- End of job QC



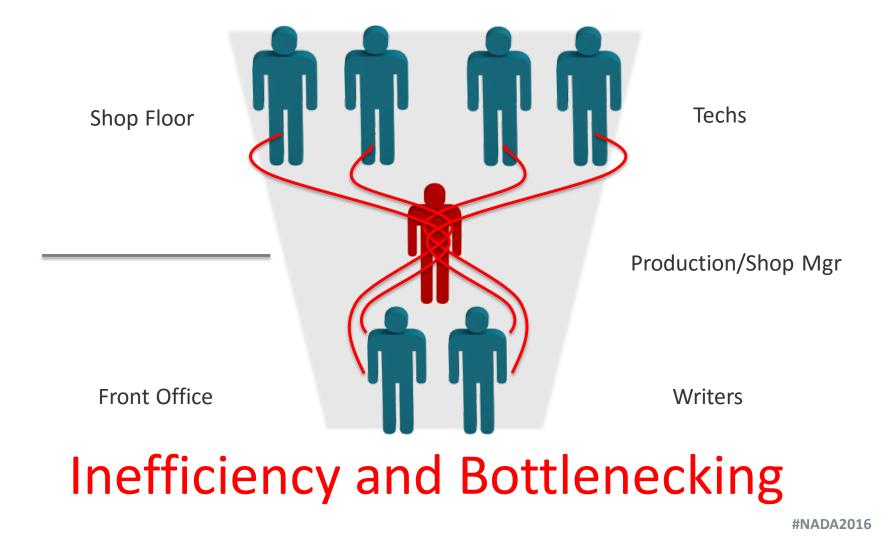
Procedures – QC Checklist

Quality Assurance Checklist

Stage 1A Disassembly				Stage 4	Assemble	Sta	ge 4 Asse	emble Continued
Pass	Fail	Work Order Reviewed	Pass	Fail	Work order reviewd	Pass	Fail	Moldings
Pass	Fail	Parts Cart	Pass	Fail	QC Stage 3 completed	Pass	Fail	Emblems
Pass	Fail	New Parts Checked	Pass	Fail	Obtain all parts	Pass	Fail	Stripes
Pass Fail		Disassemble per work	Pass	Fail	Check parts		Fail	All personal items
	Fail	order	Pass	Fail	Assembly vehicle	Pass		returned to vehicle
Pass Fa	Fail	ID any parts or damage	Pass	Fail	All bolts tight			All parts & tools removed
		not on work order	Pass	Fail	Body lines & gaps	Pass	Fail	from vehicle
		Complete supp card and	Pass	Fail	Paint/ dirt/ runs	Pass	Fail	Road test
Pass	Fail	give to production	Pass	Fail	Alignment	QC Signature:		
		manager	Pass Fail Headlights		Stage 5 Detail			
QC Signature:			Pass	Fail	High beams	Pass	Fail	Work order reviewed
Sta	age 1B Sup	oplement Review	Pass	Fail	License lamps	Pass	Fail	QC Stage 4 Assembly
		Supplement Review	Pass	Fail	Fog lamps	Pass	Fail	Touch up vehicle
Pass	Fail	Completed	Pass	Fail	Tail lights	Pass	Fail	Masking removed
QC Signature:			Pass	Fail	Brake lights	Pass	Fail	Overspray removed
		2A Repairs	Pass	Fail	Reverse lights	Pass	Fail	Undercoating
Pass	Fail	Work Order Reviewed	Pass	Fail	Turn signals	Pass	Fail	Vehicle De-nib
Pass	Fail	QC Stage 1 completed	Pass	Fail	Interior lights	Pass	Fail	Exterior clean
Pass	Fail	Parts checked	Pass	Fail	Trunk light	Pass	Fail	Jambs clean
		Reviewed work order for	Pass	Fail	Jack & spare tire present	Pass	Fail	Tires dressed
Pass	Fail	supp/completed supp	Pass	Fail	Engine light on			Engine compartment
1 435	- Call	card	Pass	Fail	ABS/Airbag light on	Pass	Fail	clean
<u> </u>			Pass	Fail	Wipers	Pass	Fail	Interior cleaned
Pass	Fail	Repaired veh per work	Pass	Fail	Power locks			Radio stations
-	6 -11	order	Pass	Fail	Power windows	Pass	Fail	programmed
Pass	Fail	Pre-fits parts	Pass	Fail	Mirrors	Pass	Fail	Glass cleaned
Pass	Fail	Metal work straight	Pass	Fail	Heating & AC	Pass	Fail	Vacuumed
Pass	Fail	Welds Correct	Pass	Fail	Rear defogger	Pass	Fail	Trunk clean
Pass	Fail	Seam sealer correct	Pass	Fail	Radio / codes	1055	1 dil	All parts & tools removed
Pass	Fail	Corrosion protection	Pass	Fail	Clock	Pass	Fail	from vehicle
Pass	Fail	Body lines and gaps	Pass	Fail	Power seats			
Pass		All bolts tight	Pass	Fail	Power antenna	Pass	Fail	All personal items
Pass	Fail	ALL R&I completed	Pass	Fail	Seat belts (all)			returned to vehicle
QC Signature:			Pass	Fail	Horn	QC Signature:		
		oplement Review	Pass	Fail	Hood release	Notes:		
Pass	Fail	Supplement Review	Pass	Fail	Trunk release			
QC Signature:			Pass	Fail	Fuel door release	1		
		e 3 Paint	Pass	Fail	All locks working with key			
Pass	Fail	Work Order Reviewed	Pass	Fall	& remote			
Pass	Fail	QC Stage 2 completed	Pass	Fail	Alarm working			
Pass	Fail	Small parts ID for paint	Pass	Fail	Battery cables tightened			
Pass	Fail	No missed dents/ chips/	Pass	Fail	Tire pressure			
		scratches	Pass	Fail	Lug nuts tight			
Pass	Fail	Metal work straight	Pass	Fail	Engine oil			
Pass	Fail	Color spray out	Pass	Fail	Power steering fluid			
Pass	Fail	Color match	Pass	Fail	Trans fluid			
Pass	Fail	Jambs/ no lines/	Pass	Fail	Coolant			
		overspray	Pass	Fail	Brake fluid			
Pass	Fail	No runs	Pass	Fail	Washer fluid			
QC Signature:			QC Signature:					

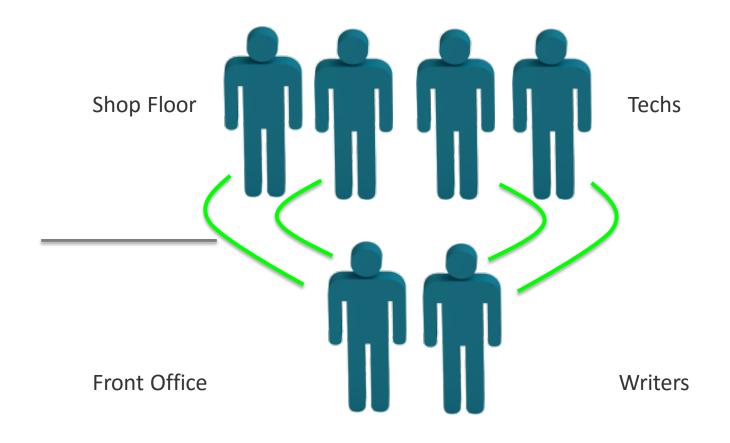


Procedures – Teaming



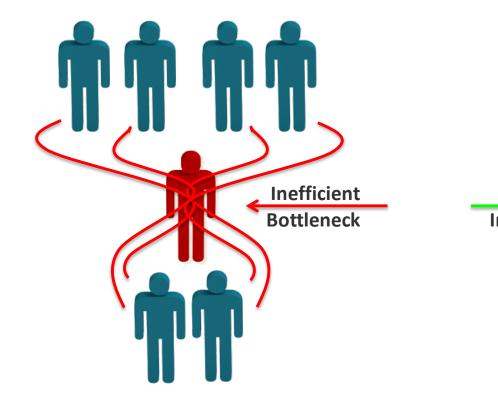


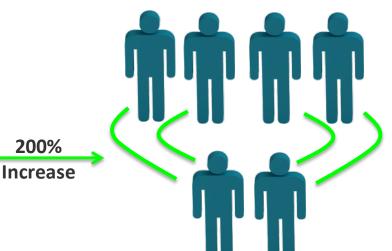
Procedures – Teaming





Procedures – Teaming







People – Teaming

Results:

- Scalable
- Maximizes bandwidth
- Optimizes quality and accuracy of information





Procedures – Recap

- Paperwork ahead of production
- Blueprinting
- Mirror matching
- Teaming





Best Practices

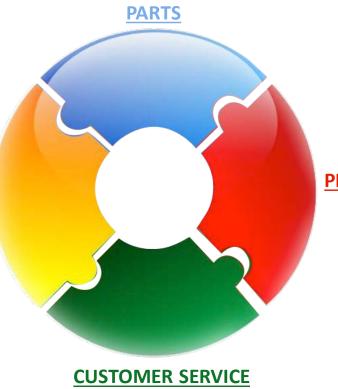
PEOPLE



People – Jobs

4 admin jobs in every body shop:

WRITER

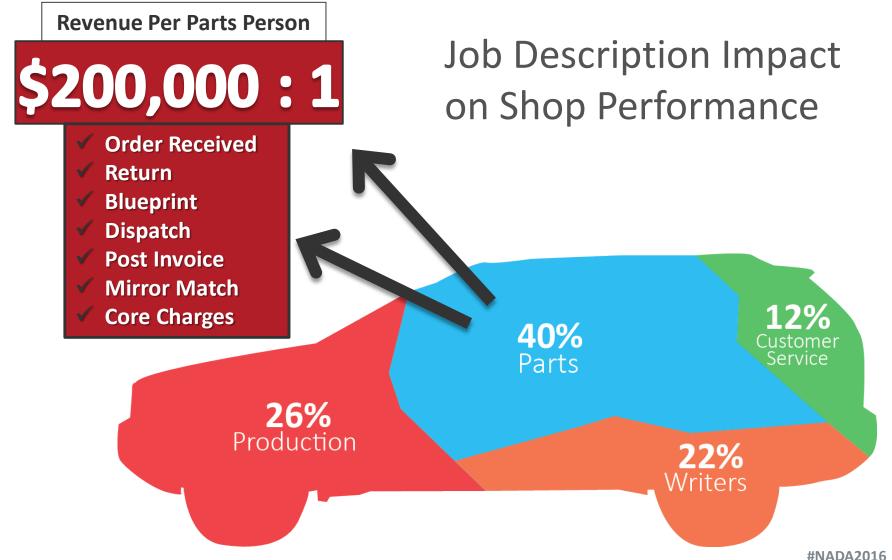


PRODUCTION

#NADA2016



People – Parts Department





People – Writer Revenue Per Writer Job Description Impact \$150,000:1 on Shop Performance **Blueprint Dispatching** "Walk Around" **Communicate with Customer Schedule Work** 40% Customer Parts Service 48% Tech Teaming



People – Customer Service

- Schedule your work
- Open tickets
- Cashier
- Customer service update calls
- Maintain paperless
 environment
- And more





People – Keeping Results Consistent



- Train
- Monitor
- Measure/Benchmark
- Analyze/Consult
- Collaborate



Best Practices

TECHNOLOGY

#NADA2016

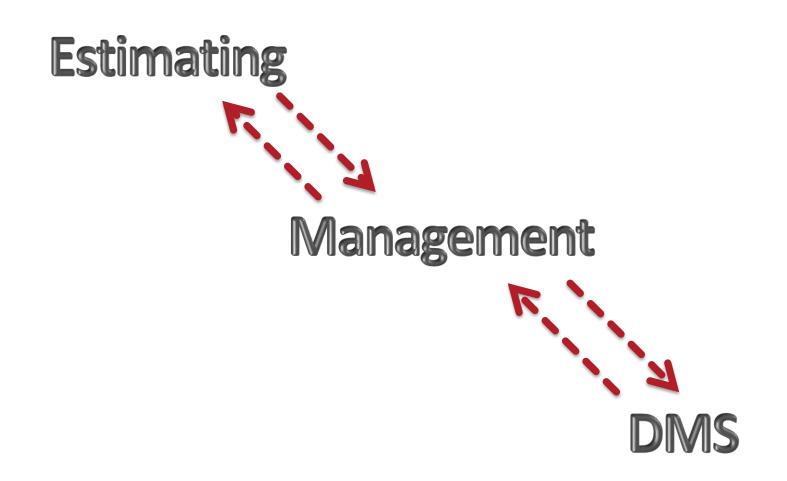


Better decisions faster. Better results.

33

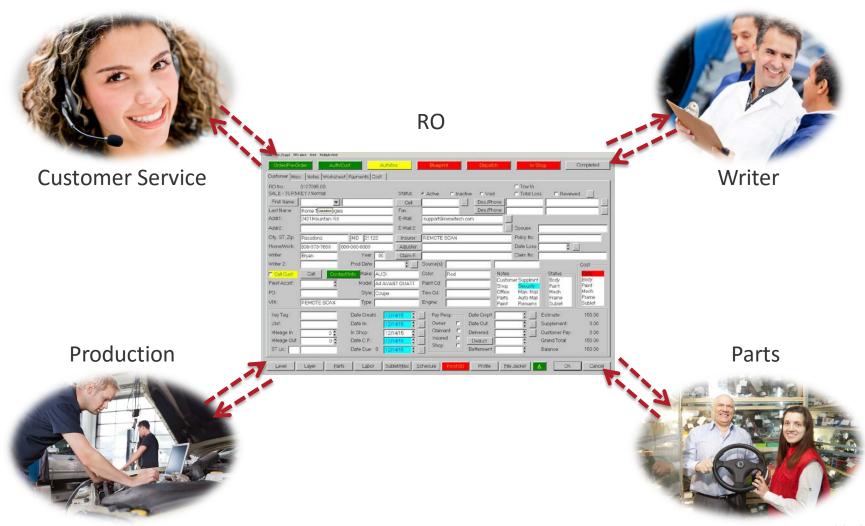


Technology – Single Point of Entry





Technology – The Track To Run On



#NADA2016



Technology - Forecasting

Forecasting



#NADA2016



Technology – The Objective Plan

- Number of days in shop -Projected delivery date
- Projected profitability
- Type of collision
- Load on shop by:
 - Tech
 - Writer
 - Shop
- Where the car will be on any given day of the repair



...continued on next slide



Technology – The Objective Plan

- Customer "love-call" cycle
- Parts cycle-time tracking
- Defines action-item priorities by department
 - Cars to fix
 - Parts to buy
 - Customers to call





Technology – Mobile Technology



DATA COLLECTION & DATA DISTRIBUTION

NATIONAL AUTOMOBILE DEALERS ASSOCIATION



Technology

CHECKING IN THE CUSTOMER



Customer Information

RO	VIN									
1230	TRUUT28N741022944									
First Name	Last Name									
Scott	Rome									
Address 1	Address 2									
2421 Mountain Road	Address 2									
City	State									
Pasenda	MD									
Home Phone	Zip									
800-373-7663	21122									
Cell Phone	Work Phone									
410-923-2000	800-373-7663									
Cell Provider	Fax Num									
Choose Cell Provider 🗸 🗸	Fax Num									
Email Address 1	Contact Method									
Scott@Rometech.com	Not Known \checkmark									
Insurance Company	Email Address 2									
ALLSTATE INSURANCE COMPANY ~	Email Address 2									
Mileage	Claim No									
25000	Claim Number									
Policy No	License									
Policy No	License									
Date of Loss	Source									
January 18 2016	DRP ~									
Order/Pre- Customer Auth Insurance Auth	Blueprint Dispatch In Shop									
Order										
Cust Info Cust Auth Prior Dmg	Easy Image Post Exit									



Customer Authorization

Choose Auth

GEICO

Auth Text

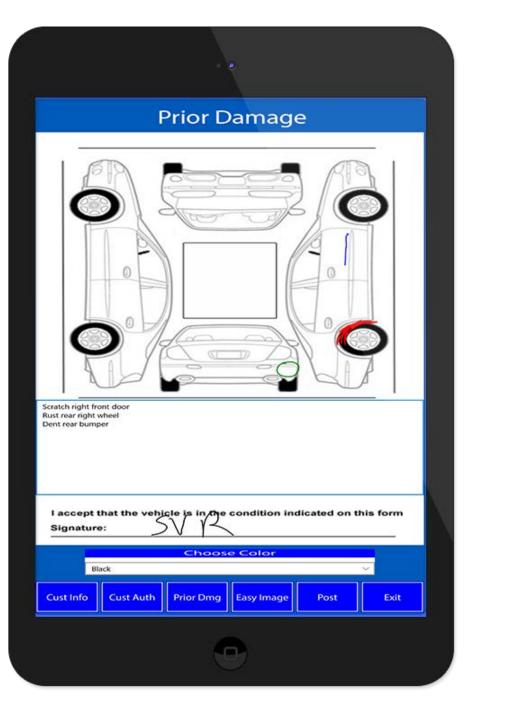
I Hereby Authorize The Estimated Repair Work To Be Done Along With The Necessary Material, And Hereby Grant You And/Or Your Employees Permission To Operate The Vehicle Herein Described On Street, Highways, Or Elsewhere For the Purpose of Testing And/Or Inspection.

Signature

ome

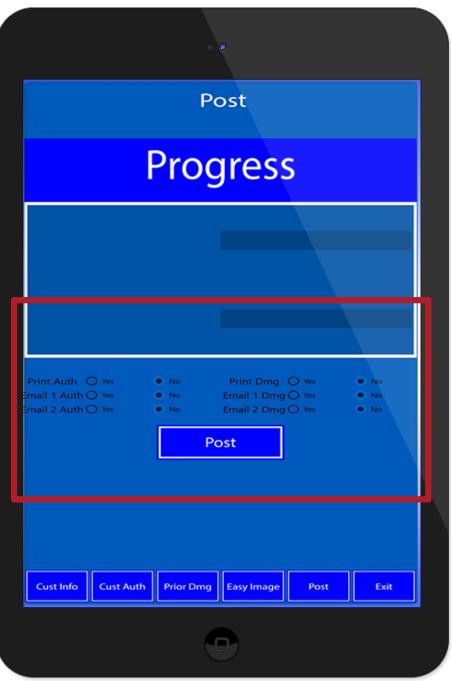
Auth Notes

DETAIL \$150.00
Cust Info
Cust Auth
Prior Dmg
Easy Image
Post
Exit











NADA



Technology – Blueprinting

		0/01/12		_		10/31/	16 🌲				Schedu		Auth	l/Cust
		• All		Select					Team:	• Al	1 O Se	elected —	I	
	Insurance:	• A1	. 0	Select	ed							_		
y Date Du	e by RO b	y Last	Nam	e by N	Iake b	y Mode	l by I)amage	Profile	e (DP) S	Severity	1		
											8			
											гu			
ROWELL	., SUSAN 5730 301-61	77 6414	e		Date I: SCOT	n/Due: : rp	3/29/14	9/0)1/14		~			벽
) ACCORD E			нт ни		IR					Ч F	ъ	во	RA
											A R	D R	DΥ	ME
Bhı/tear Iı	n: 08/29 11::	18AM (Out: I	08/29 1	1:51AN	l Cmpl	: 09/01	8:26A	M		ñ	ñ		
	Car St	tatus		Call	Crit P	All P Labor Dispa			spatchi	ng	1	2	3	4
	RO	Due	DP	Name	Make	Model	Body	Paint	Frame	Mech				
	858.00	09/01	4	Rowell	Hond	Accord					.			
	849.00	09/07	1	Power	Audi	Tt qua								
	852.00	09/07		Test	Audi	Tt qua	Gordo:							
	511.00	09/24	4	Piero	Тоуо	Coroll	Gordo	Gordo:						~
	523.00	09/24		Lettie	Audi	Tt qua	Gordo	Gordo:						
	536.00	09/24		Rowell	Hond	Accord	Gordo:	Gordo:						
	\$75.00	09/24	6	Rowell	Hond	Accord						~		
	801.00	09/24		Chron	Audi	Tt qua	Gordo	Gordo:			~ ~			
				Round II	Hond	Accord	Gordo	Gordo:			-			
	804.00	09724	4	ROWER										
RO's:	804.00 16 Be			3.50 Fi		0	00 Uni	te ·	30	0.20				

NATIONAL AUTOMOBILE DEALERS ASSOCIATION



Technology – Dispatching

dditional O	ptions											
	Start: 1	0/01/12	2 🜲	E	nd:	10/31/	6 🌲		Locati	on: 🔽	Sched	
	Writer:	🖲 A11	0	Select	ed 🗌				Team:	• Al	105	
	Insurance:	• A11	0	Select	ed 🗌							
ov Date Du	e by RO b	ız Ləst İ	Nam	a lby M	taka h	v Mode	1 by I	Jamaga	Profil	(TP)	Severite	
	- lo) reo lo	, 201		- 1 - 7 - 1	Tane To	, moa	.107.	, an under		. (21).		
											вг	
FYNES, J	пм				Date I	n/Due: 9	9/29/14	9/2	4/14		đ	
410-263-	5124 410-62	25-412	s		ERIC						- T	
	r LS 400 (51:										E A	
	TE INSURA n: 09/03 - 7:5						າດຕາວ	2.1001	8		R	
Diditeari	n. 09705 7.5	JAM	/41.0	<i>19705 2</i>	.JZF W	Chipi. (. 62170	2.19FK	1			
	Car St	atus		Call	Crit P	All P	La	abor Di	spatchi	ng	1	
	RO	Due	DP	Name	Make	Model	Body	Paint	Frame	Mech		
	177.00	09/24	2	Fynes	Lexu	Ls 400						
	524.00	09/24	1	Grimm	Audi	Tt qua	Gordo:	Gordo:			æ	
	528.00	09/24		Whitn	Audi	Tt qua	Gordo	Gordo:				
	537.00	09/24		Ross	Audi	Tt qua	Gordo	Gordo:			.	
	788.00	09/24	4	Yates	Тоуо	Camry					.	
	797.00	09 <i>1</i> 24	4	Rowell	Hond	Accord					e	
	545.00	09/29		Boyer	Hond	Accord	Ace	Ace			e	
	564.00	09/30		Doria	Audi	Tt qua	Gordo:	Gordo:				
	794.00	10/20	4	Rowell	Hond	Accord					.	
RO's:	16 0		 	7.26 Fi			00 Uni		20	0 16		
RO's: Tagged:	16 B 0 P			0.20 M			00 Um 00 Tot		58 65,26	8.46 1.31		
Tag	т	ag <u>A</u> ll	1	Ųn	utag	t	Íntag A	.u	Pre	v Tag	1	
<u></u> नह		<i>е</i> <u>н</u> п		<u>0</u> 1	a6		andg H	<u> </u>	<u>r</u> re	Erev Lag		



Technology – Dispatching

			Labor Loac ome Technolo 10/23/14 1:				Page: 1
<u>Team Name</u>	<u>Max Load</u>	<u>Not In Shop</u>	Staging	<u>In Shop</u>	Assigned	<u>Available</u>	<u>% Free</u>
ACE	500.00			86.95000	86.95000	413.05000	82.61
DARYL	200.00			130.09700	130.09700	69.90300	34.95
DAVE3	300.00			27.20000	27.20000	272.80000	90.93
GORDON	300.00			215.83761	215.83761	84.16240	28.05
JORGE	100.00			14.30000	14.30000	85.70000	85.70
LARRY	100.00			88.64095	88.64095	11.35905	11.36

NATIONAL AUTOMOBILE DEALERS ASSOCIATION

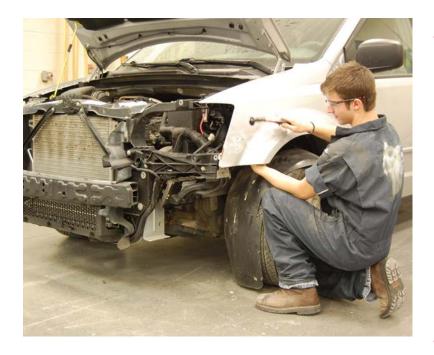


Technology

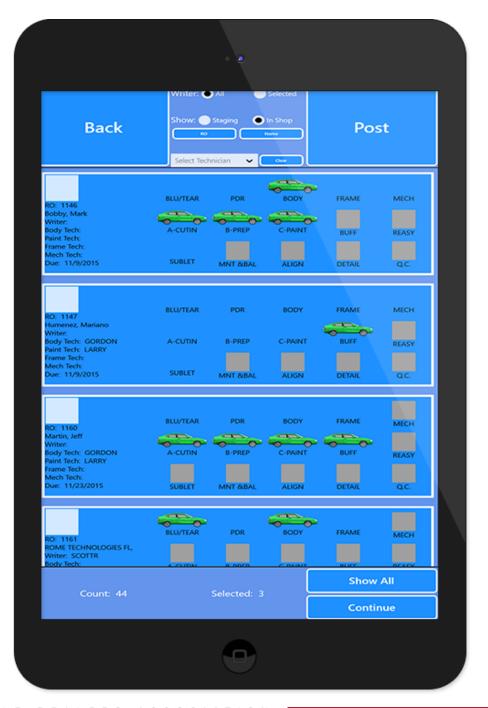
THE WALKAROUND

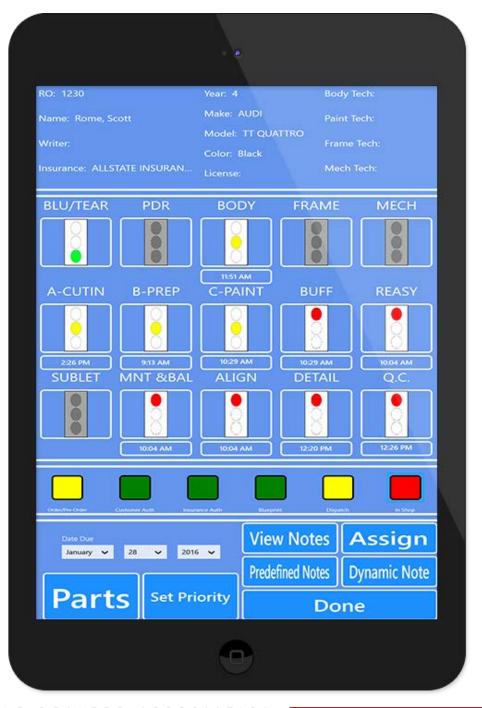


Technology- Daily Workaround

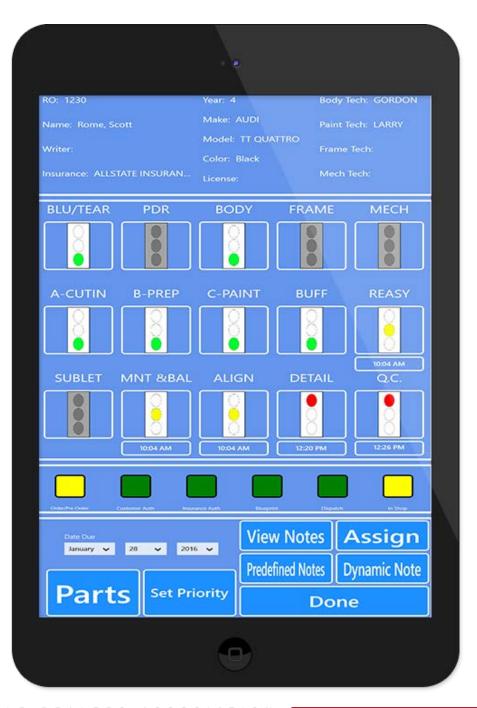


- Set Production Expectations Daily
 - Define the production steps
 - Set the timing for production
 - Set priority for production
- Job details at fingertips during walk around
- Accurate inventory and vehicle status











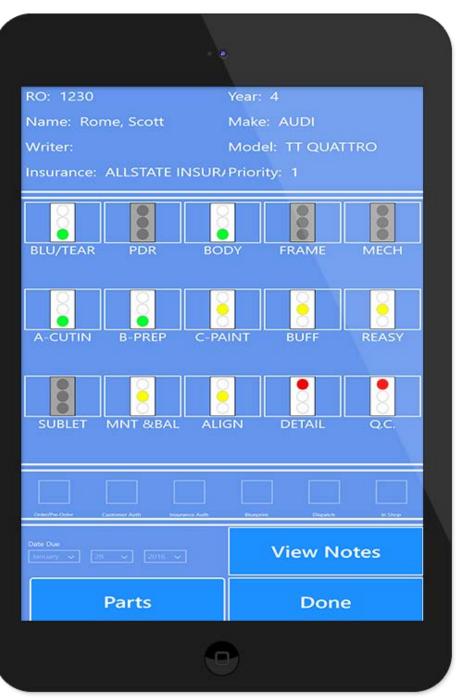


Technology

THE TECHNICIAN











Parts

Part Num	Description	Status	Date	Time
	GRILLE	Recieved	01-18-16	2:37:27 PM
N0853651E3FZ	Grille	Ordered	01-28-16	10:30:00 AM
L0807180	Nameplate clip	Ordered	01-20-16	10:30:00 AM
	FRONT LAMPS	Recieved	01-18-16	2:37:27 PM
N0941003BG	A/M LT Headlamp assy	Recieved	01-18-16	2:37:27 PM
	RADIATOR SUPPORT	Recieved	01-18-16	2:37:27 PM
N0805594D	Radiator support	Recieved	01-18-16	2:37:27 PM
	HOOD	Recieved	01-18-16	2:37:27 PM
N0823029A	Hood	Recieved	01-18-16	2:37:27 PM
	FENDER	Recieved	01-18-16	2:37:27 PM
N0821106	A/M RT Fender	Recieved	01-18-16	2:37:27 PM
	WHEELS	Recieved	01-18-16	2:37:27 PM
N0601025AAZ1	LT/Front Wheel, alloy 6 spoke	Recieved	01-18-16	2:37:27 PM
	FRONT BUMPER	Recieved	01-18-16	2:37:27 PM
N0807101BLGR	Bumper cover w/S line	Recieved	01-18-16	2:37:27 PM
	Paint Materials	No Order		
	Shop Materials	No Order		
	Clear Coat Paint Materials	No Order		
N0941003BG	Core Charge - A/M LT Headlar	Recieved	01-18-16	2:37:27 PM
N0823029A	FRIEGHT	Recieved	01-18-16	2:37:27 PM
L0807180	Nameplate clip	Recieved	01-18-16	2:37:27 PM



€ Existing Notes

Detail \$150.00

CHECK ENGINE LIGHT

STRIPES

AIM HEADLIGHTS

align hood latch

Core Part Charge Created By SCOTT ROME Description Core Charge - A/M LT Headlamp assy Amount 10.00 Vendor SEWELL AUDI





Technology – Production

nsurance	: 🖲 All	0 \$	electe	d												Unassi	gned Onl	у	Incb	ide In Sh	op Holds	;					
7 Date D	ue by RO	by L	ast Na	ame t	oy Ma	ke bj	y Mode	1 by 1	Damag	e Profi	ile by	Priority	🗖	Show S	Status Co	lors			Walk	around				Big Bea	urd Colo	or Char	t
3/.	30/16]	 					ip-		Ċ,				×				
Casto, A	aron				I	Date Ir	vDue: 1	5/13/1:	5 3/	30/16	1	U/			5		' a	В	' P		R	D S	ИТ	₽	U F		
,												н ы	ъ	в 0	R A	ΜE	U T	P R	ΑI	вu	E ∌	вг	& B	LI	T ≱	р	
	I TT QU. ATE INSU					•						a R	U W	Ð V	ME	СН	ч И И	ਸ ਇ	и т	् भ भ	s V	н Н	A L	G N	і г	<u>.</u>	
	u 11/30 4					PM Cr	npl: 03	/30-3:	11PM			Ē	Ē														
				-								_									_						
		Car Stat	1115 	_	Call	Ont P	All P	La	abor Di	spatch T	une	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	RO	Due	DP	RP	Name	Make	Mode	Body	Paint	Fram	eMech																
	1222	01/22	1		Thor	Audi	Tt qua	Daryl	Gorde																	-	
	1007	01/27	,			Audi	Tt qua	Condo	Conto																		
	1227	01/27			ome	Aum	Trqu	00100	Gora																		
	1228	01/27	1	S	ig	Audi	Tt qu	Gordo	Lany											-	~						
	1230	01/28	1	I	lome	Audi	Tt qua	Gordo	Lany														-	-			
	1021	01/29	,			A 3 i	Tt gu:	C	T																		
	1231	01/29			urgec	Audi	1 t qua	Gordo	Lany												~						
	1004	03/30	1	4	Casto	Audi	Tt qua	Gordo	Gorde													~	-	-	~	-	
	555	04/01	1		Guillo:	Audi	Tt qua	Gordo	Gorde																~	~	
				_																						<u> </u>	-
RO's:	28 Bo	dy: 15	0.10	Frame	20	0.00	Units:		362.3	2			Shop 1	_	Part I	_	Г	'eam		Print		hedule		Forecast		Select	



Technology – Recap

- User-friendly
- Single point of entry
- Multiple platforms (Mobile, Desktop, Cloud)
- Powerful and global
- Wireless
- Paperless



knowledge pertormance vision skill 50 Pract potential ethic development experience



BEST PRACTICES - RECAP

- Procedures
- People
- Technology
- Benchmark
- Analysis & Consulting
- Collaboration & Training





Best Practices – Results

INCREASED PERFORMANCE

INCREASED PROFITABILITY

NATIONAL AUTOMOBILE DEALERS ASSOCIATIO



Questions

Where Performance Meets Profit: The Dealer Body Shop



Please visit the **NADA Pavilion** in the Expo Hall for information on accessing electronic versions of this presentation and the accompanying handout materials, and to order the workshop video recording.

> #Measure2Manage #NADA2016



Scott Rome Rome Technologies Pasadena, MD 800-373-ROME scott@rometech.com

NATIONAL AUTOMOBILE DEALERS ASSOCIATION